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907 N. Poplar St.

asper, Wyoming

Suite 260

82601

Iramium One Americas

Antelope and JAB Uranium Project USNRC License Application Sweetwater County, Wyoming

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ADDENDUM 3.3-B

SOIL MAPPING UNIT DESCRIPTIONS and SOILS MAP



"A" - Almy sandy loam, 0 to 6 percent slope (Antelope Only)

The Almy sandy loam mapping unit consists of very deep, well drained soils that developed in alluvium on alluvial fan aprons and fan piedmonts. It occurs at elevation ranges from 6,800 feet to 7,400 feet.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit. The frost-free season ranges from 80 to 100 days.

Slopes are both simple and complex and range from 0 to 15 percent. Parent materials are weathered from interbedded, red, fine sandstone and shale.

Permeability within the Almy soil is moderate or moderately slow. Runoff is slow on the gentler slopes and medium on the steeper slopes, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Western wheatgrass, Needleandthread, Big sagebrush, Bluebunch wheatgrass, Indian ricegrass, and Douglasabbitbrush.

In a favorable year (above average moisture), the production is approximately 1,400 lbs/acres. In an unfavorable (drought) year, the production is approximately 600 lbs/acres.

This map unit is a good source for roadfill and topsoil according to NRCS information. This map unit is a fair source of overall reclamation material; limitations include water erosion and low organic matter content.



"Bl" – Blackhall sandy loam, 0 to 6 percent slope (Jab Only)

6800 to 7400 feet in the project areas and the mean annual precipitation is 8 to 10

The Blackhall sandy loam mapping unit consists of very shallow and shallow, well drained soils that developed in residuum derived from sandstone. It occurs on hills and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Carmody sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch brown sandy loam surface layer. The transition subsoil, if present, is brown sandy clay loam and is approximately 3 inches thick. The substratum is light yellowish brown to pale yellow sandy clay loam and extends 10 to 18 inches in depth.

Permeability within the Blackhall soil is moderate. The available water capacity is low. The effective rooting depth is approximately 10 to 20 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are four plant species that are common to this map unit: Indian ricegrass, Needleandthread, Thickspike wheatgrass, and Big sagebrush.

In a favorable year (above average moisture), the production is approximately 1,200 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill and topsoil. The limiting feature is depth to bedrock. This map unit is a poor source of overall reclamation material; limitations include droughty potential and depth to bedrock.



"Br" – Bluerim sandy loam, 0 to 6 percent slope (Antelope Only)

The Bluerim sandy loam mapping unit consists of moderately deep, well drained soils that developed in residuum derived from sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Blazon sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 4 inch brown sandy loam surface layer. The transition subsoil is brown sandy loam or loam and is approximately 11 inches thick. The substratum is light brown sandy loam and extends to approximately 30 inches in depth.

Permeability within the Bluerim soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are nine plant species that are common to this map unit: Thickspike wheatgrass, Big sagebrush, Needleandthread, Pine needlegrass, Bluebunch wheatgrass, Cusick's bluegrass, Indian ricegrass, Prairie Junegrass, and Western wheatgrass

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; limitations include slope, rock fragments, and depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, droughty potential, and depth to bedrock.



"Br-NC" – Bluerim noncalcareous variant, 0 to 6 percent slope (Antelope and Jab)

The Bluerim noncalcareous variant mapping unit consists of moderately deep, well drained soils that developed in residuum derived from sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Blazon sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 4 inch brown sandy loam surface layer. The transition subsoil is brown sandy loam or loam and is approximately 11 inches thick. The substratum is light brown sandy loam and extends to approximately 30 inches in depth.

Permeability within the Bluerim soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are nine plant species that are common to this map unit: Thickspike wheatgrass, Big sagebrush, Needleandthread, Pine needlegrass, Bluebunch wheatgrass, Cusick's bluegrass, Indian ricegrass, Prairie Junegrass, and Western wheatgrass

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; limitations include slope, rock fragments, and depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, droughty potential, and depth to bedrock.



"Br-NC" – Bluerim noncalcareous shallow variant, 0 to 6 percent slope (Antelope Only)

The Bluerim noncalcareous shallow variant mapping unit consists of moderately deep, well drained soils that developed in residuum derived from sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Blazon sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 4 inch brown sandy loam surface layer. The transition subsoil is brown sandy loam or loam and is approximately 11 inches thick. The substratum is light brown sandy loam and extends to approximately 30 inches in depth.

Permeability within the Bluerim soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are nine plant species that are common to this map unit: Thickspike wheatgrass, Big sagebrush, Needleandthread, Pine needlegrass, Bluebunch wheatgrass, Cusick's bluegrass, Indian ricegrass, Prairie Junegrass, and Western wheatgrass

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; limitations include slope, rock fragments, and depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, droughty potential, and depth to bedrock.

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"Bz-NC" – Blazon noncalcareous variant, 0 to 6 percent slope (Jab Only)

The Blazon noncalcareous variant mapping unit consists of shallow and very shallow, well drained soils that developed in residuum derived from shale. It occurs on footslopes, backslopes, and shoulders of hills and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Blackhall sandy loam and Onason sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 2 inch light olive brown sandy loam surface layer. The substratum is light brownish gray sandy loam and extends to 14 inches in depth.

Permeability within the Blazon soil is moderate to moderately slow. The available water capacity is low. The effective rooting depth is approximately 4 to 20 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Bluebunch wheatgrass, Western wheatgrass, Indian ricegrass, Bottlebrush squirreltail, Sandberg bluegrass, and Winterfat.

In a favorable year (above average moisture), the production is approximately 1,000 lbs/acres. In an unfavorable (drought) year, the production is approximately 500 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock, low strength, slope, and shrink-swell. This map unit is a poor source for topsoil; limitations include depth to bedrock, slope, too clayey, and rock fragments. This map unit is a poor source of overall reclamation material; limitations include depth to bedrock, droughty potential, low organic matter content, water erosion potential and too clayey.



"Ca" – Carmody sandy loam, 0 to 6 percent slope (Antelope and Jab)

The Carmody sandy loam mapping unit consists of moderately deep, well drained soils that developed in residuum derived from calcareous siltstone and fine grained sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Carmody sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch yellowish brown sandy loam surface layer. The transition subsoil is light yellowish brown to yellowish brown sandy loam and is approximately 27 inches thick. The substratum is very pale brown sandy loam and extends to 40 inches in depth.

Permeability within the Carmody soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, Silver sagebrush, Fieldclustered sedge, and Bottlebrush squirreltail.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

As for reclamation material, it is a fair source due to no organic matter (content low), water erosion, droughty potential, and depth to bedrock.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil; limitations include depth to bedrock, rock fragments, and slope. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, water erosion, droughty potential, and depth to bedrock.



"Ca-NC" – Carmody noncalcareous variant, 0 to 6 percent slope (Antelope and Jab)

The Carmody noncalcareous variant mapping unit consists of moderately deep, well drained soils that developed in residuum derived from calcareous siltstone and fine grained sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Carmody sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch yellowish brown sandy loam surface layer. The transition subsoil is light yellowish brown to yellowish brown sandy loam and is approximately 27 inches thick. The substratum is very pale brown sandy loam and extends to 40 inches in depth.

Permeability within the Carmody soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, Silver sagebrush, Fieldclustered sedge, and Bottlebrush squirreltail.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil; limitations include depth to bedrock, rock fragments, and slope. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, water erosion, droughty potential, and depth to bedrock.



"Ca-NC-D" – Carmody noncalcareous deep variant, 0 to 6 percent slope (Antelope Only)

The Carmody noncalcareous deep variant mapping unit consists of moderately deep, well drained soils that developed in residuum derived from calcareous siltstone and fine grained sandstone. It occurs on hillslopes and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Carmody sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch yellowish brown sandy loam surface layer. The transition subsoil is light yellowish brown to yellowish brown sandy loam and is approximately 27 inches thick. The substratum is very pale brown sandy loam and extends to 40 inches in depth.

Permeability within the Carmody soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, Silver sagebrush, Fieldclustered sedge, and Bottlebrush squirreltail.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil; limitations include depth to bedrock, rock fragments, and slope. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, water erosion, droughty potential, and depth to bedrock.



"Cr" – Cragosen sandy loam, 0 to 6 percent slope (Jab Only)

The Cragosen sandy loam mapping unit consists of shallow and very shallow, well drained soils that developed in residuum derived from sandstone and conglomerate. It occurs on footslopes, backslopes, and shoulders of hills and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Blackhall sandy loam and Onason sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 2 inch brown sandy loam surface layer. The substratum is very pale brown to pale brown sandy loam and extends to 12 inches in depth.

Permeability within the Cragosen soil is moderate. The available water capacity is low. The effective rooting depth is approximately 10 to 20 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is slight.

Productivity and Reclamation Potential

There are five plant species that are common to this map unit: Bluebunch wheatgrass, Western wheatgrass, Black sagebrush, Needleandthread, and Indian ricegrass.

In a favorable year (above average moisture), the production is approximately 1,200 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil; limitations include depth to bedrock, rock fragments, sodium content, and slope. This map unit is a poor source of overall reclamation material; limitations include no organic matter, sodium content, droughty potential, and depth to bedrock.



"Cr-NC" – Cragosen noncalcareous variant, 0 to 6 percent slope (Antelope Only)

The Cragosen noncalcareous variant mapping unit consists of shallow and very shallow, well drained soils that developed in residuum derived from sandstone and conglomerate. It occurs on footslopes, backslopes, and shoulders of hills and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Blackhall sandy loam and Onason sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 2 inch brown sandy loam surface layer. The substratum is very pale brown to pale brown sandy loam and extends to 12 inches in depth.

Permeability within the Cragosen soil is moderate. The available water capacity is low. The effective rooting depth is approximately 10 to 20 inches. Runoff is rapid, and the water erosion hazard is severe. The hazard of wind erosion is slight.

Productivity and Reclamation Potential

There are five plant species that are common to this map unit: Bluebunch wheatgrass, Western wheatgrass, Black sagebrush, Needleandthread, and Indian ricegrass.

In a favorable year (above average moisture), the production is approximately 1,200 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil; limitations include depth to bedrock, rock fragments, sodium content, and slope. This map unit is a poor source of overall reclamation material; limitations include no organic matter, sodium content, droughty potential, and depth to bedrock.



"Cu" - Cushool sandy loam, 0 to 6 percent slope (Jab Only)

The Cushool sandy loam mapping unit consists of moderately deep, well drained soils that developed in residuum and colluvial slopewash derived from sandy shale and sandstone. It occurs on hillslopes and short fan aprons at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam, Blackhall sandy loam, and Diamondville sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch brown sandy loam surface layer. The transition subsoil, if present, is brown loam and is approximately 15 inches thick. The substratum is light yellowish brown to very pale brown sandy clay loam and extends to approximately 40 inches in depth.

Permeability within the Cushool soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are seven plant species that are common to this map unit: Needleandthread, Indian ricegrass, Thickspike wheatgrass, Silver sagebrush, Big sagebrush, Bluebunch wheatgrass, and Sandberg bluegrass.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; the limiting feature is depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, droughty potential, and depth to bedrock.



"Cu-SH" – Cushool shallow variant, 0 to 6 percent slope (Jab Only)

The Cushool shallow variant mapping unit consists of moderately deep, well drained soils that developed in residuum and colluvial slopewash derived from sandy shale and sandstone. It occurs on hillslopes and short fan aprons at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam, Blackhall sandy loam, and Diamondville sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch brown sandy loam surface layer. The transition subsoil, if present, is brown loam and is approximately 15 inches thick. The substratum is light yellowish brown to very pale brown sandy clay loam and extends to approximately 40 inches in depth.

Permeability within the Cushool soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are seven plant species that are common to this map unit: Needleandthread, Indian ricegrass, Thickspike wheatgrass, Silver sagebrush, Big sagebrush, Bluebunch wheatgrass, and Sandberg bluegrass.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; the limiting feature is depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include low organic matter content, droughty potential, and depth to bedrock.

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"D" – Diamondville sandy loam, 0 to 6 percent slope (Jab Only)

The Diamondville sandy loam mapping unit consists of moderately deep, well drained soils that developed in residuum derived from sandstone. It occurs on hillslopes at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Blackhall sandy loam, Carmody sandy loam, and Cushool sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 5 inch pale brown sandy loam surface layer. The transition subsoil, if present, is dark yellowish brown loam to sandy loam and is approximately 13 inches thick. The substratum is light yellowish brown loamy sand to sandy loam and extends to approximately 34 inches in depth.

Permeability within the Diamondville soil is moderate. The available water capacity is low. The effective rooting depth is approximately 20 to 40 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are seven plant species that are common to this map unit: Western wheatgrass, Needleandthread, Big sagebrush, Bluebunch wheatgrass, Green needlegrass, and Douglas rabbitbrush.

In a favorable year (above average moisture), the production is approximately 700 lbs/acres. In an unfavorable (drought) year, the production is approximately 300 lbs/acres.

According to NRCS information, this map unit is a poor source for roadfill. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil; the limiting feature is depth to bedrock. This map unit is a fair source of overall reclamation material; limitations include water erosion, low organic matter content, droughty potential, and depth to bedrock.



"F" – Forelle sandy loam, 0 to 6 percent slope (Jab Only)

The Forelle sandy loam mapping unit consists of deep, well drained soils that developed in residuum derived from various sources including sandstone. It occurs on wide ephemeral drainage bottoms at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Diamondville sandy loam, Carmody sandy loam, and Cushool sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 5 inch brown sandy loam surface layer. The transition subsoil, if present, is brown to pale brown loam to sandy clay loam and is approximately 19 inches thick. The substratum is light yellowish brown sandy loam and extends to approximately 46 inches in depth.

Permeability within the Forelle soil is moderately slow. The available water capacity is moderate. The effective rooting depth is greater than 60 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are five plant species that are common to this map unit: Western wheatgrass, Green needlegrass, Big sagebrush, Indian ricegrass, and Douglas rabbitbrush.

In a favorable year (above average moisture), the production is approximately 700 lbs/acres. In an unfavorable (drought) year, the production is approximately 300 lbs/acres.

This map unit is a good source for roadfill according to NRCS information. This map unit is a good source for topsoil. This map unit is a fair source of overall reclamation material; limitations include water erosion and low organic matter content.



"Gl" – Glendive sandy loam, 0 to 6 percent slope (Jab Only)

The Glendive sandy loam mapping unit consists of deep, well drained soils that developed in residuum derived from various sources including sandstone. It occurs on wide ephemeral drainage bottoms at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Forelle sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 5 inch brown sandy loam surface layer. The transition subsoil, if present, is brown to pale brown loam to sandy clay loam and is approximately 19 inches thick. The substratum is light yellowish brown sandy loam and extends to approximately 46 inches in depth.

Permeability within the Glendive soil is moderately rapid. The available water capacity is moderate. The effective rooting depth is greater than 60 inches. Runoff is slow, and the water erosion hazard is slight. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are nine plant species that are common to this map unit: Western wheatgrass, Green needlegrass, Little bluestern, Needleandthread, Prairie sandreed, Thickspick wheatgrass, Rose, Winterfat, Western snowberry, and Silver sagebrush.

In a favorable year (above average moisture), the production is approximately 1,800 lbs/acres. In an unfavorable (drought) year, the production is approximately 900 lbs/acres.

This map unit is a good source for roadfill according to NRCS information. This map unit is a fair source for topsoil. The limiting feature is rock fragments. This map unit is a fair source of overall reclamation material; limitations include water erosion and low organic matter content.



"Gr" – Grieves sandy loam, 0 to 6 percent slope (Jab Only)

The Grieves sandy loam mapping unit consists of well drained to some extent excessively drained soils. Grieves soils are on nearly level to sloping alluvial fans, footslopes or toeslopes occurring at elevation from 6,800 to 7,400 feet.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit. The frost-free season is 80 to 100 days.

Slopes are 0 to 40 percent. They formed in locally transported calcareous materials weathered from sandstone or sandstone interbedded with shale.

Permeability within the Grieves soil is moderately rapid. Runoff is slow, and the water erosion hazard is severe. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are four plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, and Big sagebrush.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This map unit is a good source for roadfill according to NRCS information. This map unit is a fair source for topsoil. The limiting features are rock fragments and too sandy. This map unit is a fair source of overall reclamation material; limitations include water erosion, low organic matter content, and too sandy.



"L" - Leckman sandy loam, 0 to 6 percent slope (Jab Only)

The Leckman sandy loam mapping unit consists of well drained soils. Leckman soils are on alluvial fans and toe slopes of escarpments occurring at elevation from 6,800 to 7,400 feet.

The mean annual precipitation is 8 to 10 inches. The mean annual air temperature is 38 degrees Fahrenheit. The frost-free season is 80-110 days.

Slopes are 0 to 10 percent. The soils formed in alluvium.

Permeability within the Leckman soil is moderately rapid. Runoff is slow to medium. Some areas receive additional moisture from runoff from other areas. The water erosion hazard is slight. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are four plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, and Big sagebrush.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This map unit is a good source for roadfill and topsoil according to NRCS information. This map unit is a poor source of overall reclamation material; limitations include water erosion, too alkaline, and low organic matter content.



"L-NC" – Leckman noncalcareous variant, 0 to 6 percent slope (Antelope and Jab)

The Leckman noncalcareous variant mapping unit consists of well drained soils. Leckman soils are on alluvial fans and toe slopes of escarpments occurring at elevation from 6,800 to 7,400 feet.

The mean annual precipitation is 8 to 10 inches. The mean annual air temperature is 38 degrees Fahrenheit. The frost-free season is 80-110 days.

Slopes are 0 to 10 percent. The soils formed in alluvium.

Permeability within the Leckman soil is moderately rapid. Runoff is slow to medium. Some areas receive additional moisture from runoff from other areas. The water erosion hazard is slight. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are four plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, and Big sagebrush.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This map unit is a good source for roadfill and topsoil according to NRCS information. This map unit is a poor source of overall reclamation material; limitations include water erosion, too alkaline, and low organic matter content.



"O" – Onason sandy loam, 0 to 6 percent slope (Antelope and Jab)

The Onason sandy loam mapping unit consists of shallow and very shallow, well drained soils that developed in residuum derived from sandstone. It occurs on footslopes, backslopes, and shoulders of hills and ridges at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Cragosen gravelly loam and Blackhall sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 1 inch brown sandy loam surface layer. The substratum is very pale brown to pale brown sandy loam and extends to 12 inches in depth.

Permeability within the Onason soil is moderate. The available water capacity is low. The effective rooting depth is approximately 10 to 20 inches. Runoff is medium, and the water erosion hazard is moderate. The hazard of wind erosion is moderate.

Productivity and Reclamation Potential

There are twelve plant species that are common to this map unit: Indian ricegrass, Bluebunch wheatgrass, Needleandthread, Thickspike wheatgrass, Fieldclustered sedge, Prairie Junegrass, Sandberg bluegrass, Skunkbush sumac, Bottlebrush Squirreltail, Douglas rabbitbrush, Rubber rabbitbrush, and Winterfat.

In a favorable year (above average moisture), the production is not known. In an unfavorable (drought) year, the production is approximately 1,200 lbs/acres.

This map unit is a poor source for roadfill according to NRCS information. The limiting features are depth to bedrock and slope. This map unit is a poor source for topsoil. The limiting features are depth to bedrock, rock fragment, and slope. This map unit is a poor source of overall reclamation material; limitations include droughty potential, low organic matter content, and depth to bedrock.

July 2008



"Re" – Relsob sandy loam, 0 to 6 percent slope (Antelope and Jab)

The Relsob sandy loam mapping unit consists of deep, well drained soils that developed in alluvium derived from sandstone. It occurs on fan aprons at elevations from 6,800 to 7,400.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Slopes range from 0 to 6 percent. Included in this unit are small areas of Bluerim sandy loam. These inclusions comprise less than 10 percent of the total acreage within this map unit.

A typical profile contains a 3 inch brown sandy loam surface layer. The transition subsoil is yellowish brown sandy clay loam or gravelly sandy clay loam and is approximately 9 inches thick. The substratum is light yellowish brown gravelly loamy sand and extends to 60 inches or more in depth.

Permeability within the Relsob soil is moderate. The available water capacity is low. The effective rooting depth is 60 inches or more. Runoff is slow, and the water erosion hazard is slight. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are six plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Indian ricegrass, Silver sagebrush, Fieldclustered sedge, and Bottlebrush squirreltail.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This map unit is a good source for roadfill according to NRCS information. This map unit is a poor source for topsoil. The limiting features are too sandy, hard to reclaim (rock fragments), and rock fragments. This map unit is a poor source of overall reclamation material; limitations include droughty potential, low organic matter content, and too sandy.



"RO" – Rock Outcrop 0 to 6 percent slope (Antelope and Jab)

The Rock Outcrop mapping unit is 90 percent barren rock and 10 percent Laporte and Rekop soil. The barren rock is limestone, hard sandstone, and gypsum of various geological formations. These rocks do not weather to large amounts of sediment. The elevation ranges from 6,800 to 7,400 feet.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual air temperature is approximately 38 degrees Fahrenheit, and the average frost-free season is approximately 80-100 days.

Laporte and Tilford soils, in places, furnish limited grazing, although the vegetation is sparse.

Regarding productivity, total dry-weight production for favorable and unfavorable year was not provided by the NRCS. Characteristic vegetation was not available for this map unit.

In regards to reclamation potential, the three areas that are considered for reclamation: topsoil, roadfill, and reclamation were not rated by the NRCS.



"RP" - Ryan Park sandy loam, 0 to 6 percent slope (Antelope Only)

The Ryan Park sandy loam mapping unit consists of well or somewhat excessively drained soils. Ryan Park soils are limited in extent and are on fan aprons, hillslopes, and toeslopes. The soils formed in moderately sandy sediments weathered from calcareous sandstone, eolian deposits, and residuum. Elevation is 6,800 to 7,400 feet.

The mean annual precipitation is about 8 to 10 inches and occurs mainly in the winter and spring. The mean annual temperature is 38 degrees Fahrenheit. The frost-free season is estimated to range from 80-100 days depending upon air drainage, aspect, and elevation.

Slopes are 0 to 25 percent.

Permeability within the Ryan Park soil is moderately rapid. Runoff is slow, and the water erosion hazard is moderate. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are seven plant species that are common to this map unit: Needleandthread, Indian ricegrass, Thickspike wheatgrass, Big sagebrush, Bluebunch wheatgrass, Bottlebrush squirreltail, and Douglas rabbitbrush.

In a favorable year (above average moisture), the production is approximately 700 lbs/acres. In an unfavorable (drought) year, the production is approximately 300 lbs/acres.

This map unit is a fair source for roadfill according to NRCS information. The limiting feature is depth to bedrock. This map unit is a fair source for topsoil. The limiting feature is sodium content. This map unit is a poor source of overall reclamation material; limitations include wind erosion, too alkaline, low organic matter content, sodium content, and water erosion.

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"RR" – Rock River sandy loam, 0 to 6 percent slope (Jab Only)

The Rock River sandy loam mapping unit consists of well drained soils. Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Elevation is 6,800 to 7,400 feet.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual temperature is approximately 38 degrees Fahrenheit. The frost-free season is about 80-100 days but varies according to aspect, elevation, and air drainage.

Slopes are 0 to 25 percent.

Permeability within the River Rock soil is moderate. Runoff is medium to rapid, and the water erosion hazard is moderate. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are ten plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Big sagebrush, Bluebunch wheatgrass, Cusick's bluegrass, Indian ricegrass, Bottlebrush squirreltail, Douglas rabbitbrush, Rubber rabbitbrush, and Fieldclustered sedge.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This unit is a good source for roadfill and topsoil. As for reclamation material, it is a fair source due to the organic matter (content low) feature.

This map unit is a good source for roadfill and topsoil according to NRCS information. This map unit is a fair source of overall reclamation material; the limiting feature is low organic matter content.



"RR-NC" – Rock River noncalcareous variant, 0 to 6 percent slope (Jab Only)

The Rock River noncalcareous variant mapping unit consists of well drained soils. Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Elevation is 6,800 to 7,400 feet.

The mean annual precipitation is estimated to be 8 to 10 inches. The mean annual temperature is approximately 38 degrees Fahrenheit. The frost-free season is about 80-100 days but varies according to aspect, elevation, and air drainage.

Slopes are 0 to 25 percent.

Permeability within the River Rock soil is moderate. Runoff is medium to rapid, and the water erosion hazard is moderate. The hazard of wind erosion is severe.

Productivity and Reclamation Potential

There are ten plant species that are common to this map unit: Needleandthread, Thickspike wheatgrass, Big sagebrush, Bluebunch wheatgrass, Cusick's bluegrass, Indian ricegrass, Bottlebrush squirreltail, Douglas rabbitbrush, Rubber rabbitbrush, and Fieldclustered sedge.

In a favorable year (above average moisture), the production is approximately 1,500 lbs/acres. In an unfavorable (drought) year, the production is approximately 700 lbs/acres.

This map unit is a good source for roadfill and topsoil according to NRCS information. This map unit is a fair source of overall reclamation material; the limiting feature is low organic matter content.

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D-01

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ADDENDUM 3.3-C

ANTELOPE SAMPLED SOIL SERIES DESCRIPTIONS

July 2008

3.3-56



LECKMAN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "L" Lab/BKS Sample ID: C07120023_112a Typical Pedon: Leckman noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman noncalcareous variant series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 4/3W) sandy loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; neutral (pH 6.9), noneffervescent.

Bw - 3-13 inches. Yellowish brown (10YR 5/4D) sandy loam, dark yellowish brown (10YR 4/4W) moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; slightly alkaline (pH 7.4), noneffervescent.

C1 – 13-22 inches. Yellowish brown (10YR 5/4D) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, moderately alkaline (pH 8.1), noneffervescent.

C2 - 22-34 inches. Light yellowish brown (10YR 6/4D) sand, moist; massive, soft very friable nonsticky, nonplastic, moderately alkaline (pH 8.4), noneffervescent.

C3 - 34-50 inches. Very pale brown (10YR 7/4D) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, moderately alkaline (pH 8.2), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 112a on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.



The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4.

The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is slightly calcareous in the A horizon and is strongly calcareous in the remaining horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 13 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.



LECKMAN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "L" Lab/BKS Sample ID: C07120023_114 Typical Pedon: Leckman noncalcareous variant -rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman noncalcareous variant series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-10 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; slightly alkaline (pH 7.7), noneffervescent.

C1 - 10-16 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; neutral (pH 6.9), noneffervescent.

C2 - 16-28 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 6.9), noneffervescent.

C3 - 28-43 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 7.0), noneffervescent.

C4 - 43-60 inches. Light grayish brown (10YR 6/2) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 7.3), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 114 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.

The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and



chromas of 2 through 4.

The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is slightly calcareous in the A horizon and is strongly calcareous in the remaining horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 10 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.



ALMY SERIES SANDY LOAM

Soil Mapping Unit "A" Lab/BKS Sample ID: C07120023 115

Typical Pedon: Almy fine sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Almy series consists of very deep, well drained soils that formed in alluvium on alluvial fan aprons and fan piedmonts. Permeability is moderate. Slopes are 0 to 15 percent. The mean annual precipitation is about 8 to 10 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 6 inches. Brown (10YR 4/3W) sandy loam, yellowish brown (10YR 5/4D) moist; moderate thin platy structure; soft, very friable, slightly sticky and slightly plastic; common fine tubular pores; slightly alkaline (pH 7.4); noneffervescent; clear wavy boundary. (3 to 6 inches thick)

B - 6-18 inches. Dark yellowish brown (10YR 4/4W) sandy loam, moist; weak medium prismatic structure parting to moderate fine subangular blocky; hard, friable, very sticky and plastic; common fine and medium roots; common fine tubular pores; continuous clay films on faces of peds and lining pores; slightly alkaline (pH 7.4); noneffervescent; clear wavy boundary. (The combined thickness of the Bt horizon is 6 to 15 inches.)

C - 18-25 inches. Light yellowish brown (10YR 6/4D) sandy loam; moist; moderate medium and fine subangular blocky structure; slightly hard, friable, sticky and plastic; few fine and medium roots; few fine tubular pores; calcium carbonate disseminated and as soft masses and filaments; slightly alkaline (pH 7.6); noneffervescent, gradual wavy boundary. (5 to 25 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 115 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to an accumulation of secondary calcium carbonates is 10 to 20 inches. The mean annual soil temperature is 42 to 46 degrees F. Rock fragments in the particle size control section range from 0 to 15 percent gravel. The moisture control section is usually dry. It is usually moist in April, May, and early June, and dry for 60 consecutive days during the 90 day period following the summer solstice.

The A horizon has hue of 10YR through 5YR, value of 4 through 6 dry, 3 through 5



moist, and chroma of 2 through 4 dry and moist. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5YR or 5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 6 dry and moist. It is typically a clay loam but may be loam or sandy clay loam with 18 to 35 percent clay and less than 35 percent fine sandy or coarser. Reaction is mildly through strongly alkaline. EC is less than 8 mmhos.

The Bk horizon has hue of 7.5YR or 5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 6 dry and moist. Texture is loam, sandy clay loam, or clay loam. Some pedons have sandy loam textures in the lower Bk. EC is less than 8 mmhos. Calcium carbonate ranges from 4 to 12 percent.

The C horizon has hue of 7.5YR or 5YR, value of 4 through 7 dry, 4 through 6 moist, and chroma of 2 through 6 dry and moist. Texture is loam or fine sandy loam. Calcium carbonate ranges from 2 to 10 percent. EC is less than 8 mmhos throughout. Reaction is moderately through very strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is typically calcareous in the Bk and C horizons.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 18 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Almy soils are on nearly level to moderately sloping alluvial fan aprons and fan piedmonts. Parent materials are weathered from interbedded, red, fine sandstone and shale. Slopes are both simple and complex and range from 0 to 15 percent. Elevation ranges from 5,400 feet to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with over half falling in April, May, and June. The mean annual air temperature ranges from 42 to 46 degrees F. The frost-free season ranges from 60 to 110 days.



CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC" Lab/BKS Sample ID: C07120023_116 Typical Pedon: Carmody noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody noncalcareous variant series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Brown (10YR 4/3W) sandy loam, yellowish brown (10YR 5/4D) moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; slightly alkaline (pH 7.4); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 5 to 20 inches. Brown (10YR 4/3W) sandy loam, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; slightly alkaline (pH 7.4); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 20 to 27 inches. Pale brown (10 YR 6/3D), calcareous siltstone containing loamy sand, slightly alkaline (pH 7.8); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 116 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15 percent. Thin, discontinuous horizons of carbonate accumulation occur immediately above the paralithic contact in some pedons.



The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 5 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.



RELSOB SERIES SANDY LOAM

Soil Mapping Unit "Re" Lab/BKS Sample ID: C07120023_117 Typical Pedon: Relsob sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Relsob series consists of deep, well drained soils formed in alluvium derived primarily from noncalcareous sandstone. These soils are on fan aprons and toeslopes of hills and ridges. Slopes are 0 to 15 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 7 inches. Dark Grayish Brown (10YR 4/2W) sandy loam, moist; moderate medium granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many very fine, fine, and common medium roots; neutral (pH 7.2); noneffervescent; abrupt smooth boundary. (1 to 4 inches thick)

C1 - 7 to 19 inches. Yellowish brown (10YR 5/4D) sandy loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; hard, friable, sticky and plastic; many very fine, fine and common medium roots; common thin clay films on faces of peds and as bridges between sand grains; slightly alkaline (pH 7.8); noneffervescent; clear wavy boundary.

C2 - 19 to 37 inches. Yellowish brown (10YR 5/4D) sandy clay loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; moderately alkaline (pH 7.9); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

C3 - 37 to 52 inches. Very dark grayish brown (10YR 3/2D) sandy clay loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; slightly alkaline (pH 7.4); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

C4 - 52 to 60 inches. Very pale brown (10YR 8/2D) sandy loam, moist; massive; slightly hard, very friable, nonsticky, nonplastic; few very fine, fine, and medium roots to 28



inches; 40 percent pebbles; neutral (pH 7.3); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 117 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to the base of the argillic horizon and strongly contrasting coarse material is 12 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature ranges from 36 to 46 degrees F., and the mean summer temperature is 59 to 62 degrees F. EC is less than 2 mmhos throughout the soil.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 or 3. Reaction is neutral through moderately alkaline (pH 6.6-8.0.)

The Bt (argillic) horizon has hue of 10YR or 7.5YR, value of 5 or 6 dry, 4 or 5 moist, and chroma of 2 through 4. Texture is sandy clay loam or gravelly sandy clay loam with clay ranging from 20 to 35 percent, silt from 0 to 28 percent, and sand from 45 to 80 percent. Coarse fragments range from 0 to 20 percent and are fine or very fine pebbles. Reaction is neutral or mildly alkaline.

The 2C horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture of the matrix is sand or loamy sand modified with 0 to 60 percent fine pebbles. Reaction is neutral through moderately alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class</u> - Fine-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 7 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Relsob soils are on relict fan aprons and toeslopes of hills and ridges. These soils formed in alluvium derived primarily from noncalcareous sandstone. The finer sediments overlie strata of sand or gravel and sand mixtures. Slopes are 0 to 15 percent and typically simple. Elevation is 6,000 to 7,600 feet. The mean annual precipitation is about 12 inches and ranges from 10

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to 14 inches with about half falling as snow or rain in April, May, and early June. The mean annual temperature is about 41 degrees F. and ranges from about 34 to 45 degrees F. The frost-free season is estimated at 80 to 110 days; but, because of elevation, aspect, and air drainage, frost may occur at any time.

3.3-67

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CRAGOSEN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Cr" (Inclusion) Lab/BKS Sample ID: C07120023_126

Typical Pedon: Cragosen noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen noncalcareous variant series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Brown (10YR 4/3W) loamy sand, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.4); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

B - 3 to 9 inches. Brown (7.5YR 4/4W) sandy loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.5); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

C - 9 to 14 inches. Very pale brown (10YR 7/4D) loamy sand, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; moderately alkaline (pH 8.1); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 126 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or



more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.

The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 9 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



RELSOB SERIES SANDY LOAM

Soil Mapping Unit "Re" Lab/BKS Sample ID: C07120023_127 Typical Pedon: Relsob sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Relsob series consists of deep, well drained soils formed in alluvium derived primarily from noncalcareous sandstone. These soils are on fan aprons and toeslopes of hills and ridges. Slopes are 0 to 15 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Brown (10YR 5/3) sandy loam, moist; moderate medium granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many very fine, fine, and common medium roots; neutral (pH 6.6); noneffervescent; abrupt smooth boundary. (1 to 4 inches thick)

AB - 3 to 11 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; hard, friable, sticky and plastic; many very fine, fine and common medium roots; common thin clay films on faces of peds and as bridges between sand grains; neutral (pH 7.1); noneffervescent; clear wavy boundary.

Bt1 - 11 to 19 inches. Light yellowish brown (10YR 6/4) sandy clay loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; neutral (pH 7.0); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

Bt2 - 19 to 27 inches. Light yellowish brown (10YR 6/4) sandy loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; neutral (pH 7.0); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

C1 - 27 to 43 inches. Lightly yellowish brown (10YR 6/4) sandy loam, moist; massive; slightly hard, very friable, nonsticky, nonplastic; few very fine, fine, and medium roots to 28 inches; 40 percent pebbles; neutral (pH 7.2); noneffervescent.



C2 - 43 to 60 inches. Lightly yellowish brown (10YR 6/4) sandy loam, moist; massive; slightly hard, very friable, nonsticky, nonplastic; few very fine, fine, and medium roots to 28 inches; 40 percent pebbles; slightly alkaline (pH 7.5); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 127 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to the base of the argillic horizon and strongly contrasting coarse material is 12 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature ranges from 36 to 46 degrees F., and the mean summer temperature is 59 to 62 degrees F. EC is less than 2 mmhos throughout the soil.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 or 3. Reaction is neutral through moderately alkaline (pH 6.6-8.0.)

The Bt (argillic) horizon has hue of 10YR or 7.5YR, value of 5 or 6 dry, 4 or 5 moist, and chroma of 2 through 4. Texture is sandy clay loam or gravelly sandy clay loam with clay ranging from 20 to 35 percent, silt from 0 to 28 percent, and sand from 45 to 80 percent. Coarse fragments range from 0 to 20 percent and are fine or very fine pebbles. Reaction is neutral or mildly alkaline.

The 2C horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture of the matrix is sand or loamy sand modified with 0 to 60 percent fine pebbles. Reaction is neutral through moderately alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class</u> - Fine-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 27 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Relsob soils are on relict fan aprons and toeslopes of hills and ridges. These soils formed in alluvium derived primarily from noncalcareous sandstone. The finer sediments overlie strata of sand or

gravel and sand mixtures. Slopes are 0 to 15 percent and typically simple. Elevation is 6,000 to 7,600 feet. The mean annual precipitation is about 12 inches and ranges from 10 to 14 inches with about half falling as snow or rain in April, May, and early June. The mean annual temperature is about 41 degrees F. and ranges from about 34 to 45 degrees F. The frost-free season is estimated at 80 to 110 days; but, because of elevation, aspect, and air drainage, frost may occur at any time.



BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC" Lab/BKS Sample ID: C07120023_128

Typical Pedon: Bluerim noncalcareous variant-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim noncalcareous variant series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-4 inches. Brown (10YR 4/3W) loamy sand, moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.3), noneffervescent; clear smooth boundary.

Bt – 4-15 inches. Dark yellowish brown (10YR 4/4W) sandy loam, Yellowish brown (10YR 5/4D) moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; moderately alkaline (pH 8.0), noneffervescent; clear smooth boundary.

C - 15-27 inches. Yellowish brown (10YR 5/4D) loamy sand, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; moderately alkaline (pH 8.1), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 128 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.



The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 15 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



CRAGOSEN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Cr" (Inclusion) Lab/BKS Sample ID: C07120023_134 Typical Pedon: Cragosen noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen noncalcareous variant series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Pale brown (10YR 6/3) sandy loam – sandy clay loam, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.4); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 5 to 14 inches; brown (10YR 5/3) sandy loam – sandy clay loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; neutral (pH 7.3); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

C - 14 to 19 inches; brown (10YR 5/3) sandy clay loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.5); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 134 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or



sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.

The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 14 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



ONASON SERIES SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: C07120023_144 Typical Pedon: Onason sandy loam - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-6 inches. Brown (10YR 4/3W) sandy loam, dark yellowish brown (10YR 4/6W) moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; moderately alkaline (pH 8.2), noneffervescent; clear smooth boundary.

C- 6-19 inches. Light yellowish brown (10YR 6/4D) loamy sand, yellowish brown (10YR 5/4W) moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; moderately alkaline (pH 8.1), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 144 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.





The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class (According to official series description)</u> - Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 6 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



ONASON SERIES SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: C07120023_145 Typical Pedon: Onason sandy loam - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-6 inches. Brown (10YR 4/3W) sandy loam, yellowish brown (10YR 5/4D) moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; slightly alkaline (pH 7.8), noneffervescent; clear smooth boundary.

C- 6-15 inches. Dark yellowish brown (10YR 4/4W) loamy sand, moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; moderately alkaline (pH 8.0), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 145 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.



The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class (According to official series description)</u> - Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 6 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



LECKMAN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "L" Lab/BKS Sample ID: C07120023_147 Typical Pedon: Leckman noncalcareous

Typical Pedon: Leckman noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman noncalcareous variant series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-4 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; slightly alkaline (pH 7.8), noneffervescent.

C1 - 4-11 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; slightly alkaline (pH 7.8), noneffervescent.

C2 - 11-24 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.7), noneffervescent.

C3 - 24-36 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.4), noneffervescent.

C4 - 36-42 inches. Light grayish brown (10YR 6/2) sandy clay loam, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 7.3), noneffervescent.

C5 - 42-48 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 7.3), noneffervescent.

C6 - 48-60 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, neutral (pH 7.3), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 147 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - The mean



annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.

The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4.

The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is slightly calcareous in the A horizon and is strongly calcareous in the remaining horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 4 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.



CRAGOSEN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Cr" Lab/BKS Sample ID: C07120023_158 Typical Pedon: Cragosen noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen noncalcareous variant series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Brown (10YR 4/3) loamy sand, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; moderately alkaline (pH 7.9); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

C- 3 to 13 inches. Yellowish brown (10YR 5/6) loamy sand, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.8); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 158 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.



The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 3 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



RYAN PARK SERIES SANDY LOAM

Soil Mapping Unit "RP" Lab/BKS Sample ID: C07120023_163 Typical Pedon: Ryan Park loamy fine sand-rangeland. (Colors are for dry soil unless otherwise stated.)

The Ryan Park series consists of very deep, well or somewhat excessively drained soils that formed in moderately sandy sediments weathered from calcareous sandstone, eolian deposits, and residuum. Ryan Park soils are on fan aprons, pediments toeslopes, hillslopes, and relict alluvial fans. Slopes are 0 to 25 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) sand, (10YR 4/2) moist; single grained, loose; slightly alkaline (pH 7.4); noneffervescent; clear smooth boundary. (4 to 6 inches thick)

Bt - 4 to 13 inches. Brown (10YR 5/3) sandy loam, moist; weak coarse prismatic structure parting to weak medium subangular blocky; slightly hard, very friable; slightly alkaline (pH 7.5); noneffervescent; clear smooth boundary. (0 to 4 inches thick)

BC - 13 to 22 inches. Brown (10YR 5/3) sandy loam, moist; moderate coarse prismatic structure parting to moderate coarse subangular blocky; hard, very friable; many thin clay films on all faces of peds and as bridges between sand grains; slightly alkaline (pH 7.7); noneffervescent; clear smooth boundary. (5 to 22 inches thick)

C1- 22 to 38 inches. Pale brown (10YR 6/3) loamy sand, moist; weak coarse prismatic structure parting to weak coarse subangular blocky; hard, very friable; common clay bridging between sand grains and few clay films on faces of peds; strongly effervescent, lime as few medium and fine soft rounded masses, threads, and seams; moderately alkaline (pH 8.1); noneffervescent; gradual wavy boundary. (0 to 8 inches thick)

C2 - 38 to 48 inches. Pale brown (10YR 6/3) sand, moist; massive; slightly hard, very friable; strongly effervescent, few medium and fine soft rounded masses, threads, and seams of secondary calcium carbonate; moderately alkaline (pH 8.1); moderately effervescent.

Type Location - Sweetwater County, Wyoming; refer to waypoint 163 on map included



in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of secondary calcium carbonate and the base of the B2t horizon is 10 to 30 inches. The mean annual soil temperature is about 40 to 46 degrees F., and the mean summer soil temperature is about 58 to 66 degrees F. Rock fragments range from 0 to 15 percent semirounded pebbles or channers.

The A horizon has hue of 2.5Y or 10YR, value of 5 through 7 dry 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral or mildly alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 4. It is fine sandy loam or sandy loam, averages 8 to 18 percent clay, and has more than 35 percent fine or coarser sand. Reaction is mildly or moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 3 through 6 moist, and chroma of 1 through 4. Calcium carbonate equivalent ranges from 1 to 10 percent, about half of which is authigenic. Texture of the matrix is sandy loam, fine sandy loam, loamy fine sand, or loamy sand. Coarse fragments range from 0 to 25 percent. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous for A, B, and C1 horizons. According to the NRCS soil series description, the soil profile is strongly calcareous in the Btk and Bk horizons.

Taxonomic Class - Coarse-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – Marginal saturation percentage was found at a depth of 13-22 inches. An estimated stripping depth is 13 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Ryan Park soils are on fan aprons, pediments, hillslopes, toeslopes, terraces and alluvial fans. Slopes are 0 to 25 percent. The soils formed in moderately sandy sediments weathered from calcareous sandstone, eolian deposits, and residuum. Elevation is 5,800 to 7,800 feet. The mean annual precipitation is about 9 to 14 inches and occurs mainly in the winter and spring. The mean annual temperature is 37 to 45 degrees F. The frost-free season is estimated to range from 60 to 110 days depending upon air drainage, aspect, and elevation.



CRAGOSEN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Cr" Lab/BKS Sample ID: C07120023_167a Typical Pedon: Cragosen noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen noncalcareous variant series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Dark yellowish brown (10YR 4/4W) sandy loam, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; strongly alkaline (pH 8.6); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

C - 2 to 12 inches. Yellowish brown (10YR 5/4D) sand, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; strongly alkaline (pH 8.6); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> – Sweetwater County, Wyoming; refer to waypoint 167a on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

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The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.

The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum.

A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis):</u> This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at depths of 0-2 and 2-12 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC"

Lab/BKS Sample ID: C07120023 168

Typical Pedon: Bluerim sandy loam-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-9 inches. Brown (10YR 4/3W) sandy loam, brown (7.5YR 5/4D) moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.2), noneffervescent; clear smooth boundary.

Bt - 9-18 inches. Brown (10YR 5/4D) sandy loam, moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; moderately alkaline (pH 7.9), noneffervescent; clear smooth boundary.

C - 18-24 inches. Brown (10YR 5/4D) sandy loam, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; moderately alkaline (pH 7.9), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 168 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.

The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.



The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class</u> - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal saturation percentage was found at a depth of 18-24 inches. An estimated stripping depth is 18 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC" Lab/BKS Sample ID: C07120023_170 Typical Pedon: Bluerim noncalcareous variant-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim noncalcareous variant series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 4/3W) sandy loam, yellowish brown (10YR 5/4D) moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.1), noneffervescent; clear smooth boundary.

AB – 3-11 inches. Dark yellowish brown (10YR 4/4W) sandy loam, moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; slightly alkaline (pH 7.8), noneffervescent; clear smooth boundary.

B - 11-14 inches. Brown (7.5YR 5/4D) sandy loam, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; slightly alkaline (pH 7.6), noneffervescent; gradual wavy boundary.

C - 14 to 20 inches. Pale red (2.5YR 6/2D) sandy clay loam, moist; weak medium angular blocky structure; slightly hard, very friable, slightly sticky and nonplastic; few medium roots; few thin clay films on faces of some peds; 10 percent very fine pebbles; moderately alkaline (pH 7.9); moderately effervescent; clear smooth boundary. (4 to 7 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 170 on map included in this report.



<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.

The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: According to the NRCS soil series description, the soils commonly are noncalcareous. The soil profile based on field observations, the C horizon is moderately calcareous.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 14 inches due to the change in effervescent at the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC" Lab/BKS Sample ID: C07120023_171 Typical Pedon: Bluerim poncalcareous y

Typical Pedon: Bluerim noncalcareous variant-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim noncalcareous variant series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 4/3W) sandy loam, moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.5), noneffervescent; clear smooth boundary.

B - 3-7 inches. Yellowish brown (10YR 5/4D) sandy loam, dark yellowish brown (10YR 4/4W) moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; moderately alkaline (pH 8.1), noneffervescent; clear smooth boundary.

C- 7-13 inches. Very pale brown (10YR 7/4D) sandy loam, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; slightly alkaline (pH 7.8), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 171 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.



The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – Marginal pH was found at a depth of 0-3 and marginal saturation percentage was found at a depth of 7-13 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



ONASON SERIES SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: C07120023_173 Typical Pedon: Onason loamy sand - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 4/3W) loamy sand, moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; strongly alkaline (pH 8.7), noneffervescent; clear smooth boundary.

C- 3-19 inches. Yellowish brown (10YR 5/4D) sandy loam, dark yellowish brown (10YR 4/4W) moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; strongly alkaline (pH 8.6), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 173 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.



The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class (According to official series description): Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

Suitability for Topsoil (According to WDEQ Guideline 1): Marginal pH was found at depths of 0-3 and 3-19 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC" Lab/BKS Sample ID: C07120023_174

Typical Pedon: Carmody noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody noncalcareous variant series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Brown (10YR 4/3W) loamy sand, moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; moderately alkaline (pH 8.4); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 3 to 15 inches. Yellowish brown (10YR 5/4D) sandy loam, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; moderately alkaline (pH 8.3); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 15 to 29 inches. Light yellowish brown (10YR 6/4D) sandy loam, moderately alkaline (pH 8.4); noneffervescent.

C3k - 29 to 39 inches. Light reddish brown (2.5YR 6/4D) sandy loam, strongly alkaline (pH 8.7); strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 174 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15

percent. Thin, discontinuous horizons of carbonate accumulation occur immediately above the paralithic contact in some pedons.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: According to the NRCS soil series description, the soils are strongly calcareous for the A and C horizons. Based on field observations, the A, C1, and C2 horizons are noncalcareous.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at a depth of 29-39 inches. An estimated stripping depth is 29 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.





BLUERIM SERIES SANDY LOAM

Soil Mapping Unit "Br" Lab/BKS Sample ID: C07120023_178 Typical Pedon: Bluerim loamy sand-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 4/3) loamy sand, moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.2), noneffervescent; clear smooth boundary.

Bt – 3-15 inches. Dark yellowish brown (10YR 4/4) sandy loam, light reddish brown (2.5YR 6/3) moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; moderately alkaline (pH 8.1), noneffervescent; clear smooth boundary.

Ck - 15-29 inches. Light reddish brown (2.5YR 7/3) loamy sand, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; strongly alkaline (pH 8.6), strongly effervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 178 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.



The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: According to the NRCS soil series description, the soils commonly are noncalcareous. The soil profile based on field observations, the C horizon is strongly calcareous.

<u>Taxonomic Class</u> - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at a depth of 15-29 inches. An estimated stripping depth is 15 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



RELSOB SERIES SANDY LOAM

Soil Mapping Unit "Re" Lab/BKS Sample ID: C07120023_183 Typical Pedon: Relsob sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Relsob series consists of deep, well drained soils formed in alluvium derived primarily from noncalcareous sandstone. These soils are on fan aprons and toeslopes of hills and ridges. Slopes are 0 to 15 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Brown (10YR 5/3) sandy loam, moist; moderate medium granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many very fine, fine, and common medium roots; strongly alkaline (pH 8.5); noneffervescent; abrupt smooth boundary. (1 to 4 inches thick)

Bt1 - 5 to 18 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; hard, friable, sticky and plastic; many very fine, fine and common medium roots; common thin clay films on faces of peds and as bridges between sand grains; moderately alkaline (pH 8.1); noneffervescent; clear wavy boundary.

Bt2 - 18 to 34 inches. Light yellowish brown (10YR 6/4) sandy loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; moderately alkaline (pH 8.4); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

Bt3 - 34 to 43 inches. Light yellowish brown (10YR 6/4) sandy loam, moist; strong medium prismatic structure parting to strong medium subangular blocky; slightly hard, friable, sticky and plastic; common very fine, fine, and medium roots; many moderately thick clay films on faces of peds; 15 percent pebbles; moderately alkaline (pH 8.1); noneffervescent; abrupt wavy boundary. (Combined thickness of Bt horizon is 11 to 17 inches.)

C - 43 to 56 inches. Lightly yellowish brown (10YR 6/4) sandy loam, moist; massive; slightly hard, very friable, nonsticky, nonplastic; few very fine, fine, and medium roots to



28 inches; 40 percent pebbles; moderately alkaline (pH 8.0); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 183 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to the base of the argillic horizon and strongly contrasting coarse material is 12 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature ranges from 36 to 46 degrees F., and the mean summer temperature is 59 to 62 degrees F. EC is less than 2 mmhos throughout the soil.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 or 3. Reaction is neutral through moderately alkaline (pH 6.6-8.0.)

The Bt (argillic) horizon has hue of 10YR or 7.5YR, value of 5 or 6 dry, 4 or 5 moist, and chroma of 2 through 4. Texture is sandy clay loam or gravelly sandy clay loam with clay ranging from 20 to 35 percent, silt from 0 to 28 percent, and sand from 45 to 80 percent. Coarse fragments range from 0 to 20 percent and are fine or very fine pebbles. Reaction is neutral or mildly alkaline.

The 2C horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture of the matrix is sand or loamy sand modified with 0 to 60 percent fine pebbles. Reaction is neutral through moderately alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

<u>Taxonomic Class</u> - Fine-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – Marginal pH was found at a depth of 0-5 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Relsob soils are on relict fan aprons and toeslopes of hills and ridges. These soils formed in alluvium derived primarily from noncalcareous sandstone. The finer sediments overlie strata of sand or gravel and sand mixtures. Slopes are 0 to 15 percent and typically simple. Elevation is 6,000 to 7,600 feet. The mean annual precipitation is about 12 inches and ranges from 10 to 14 inches with about half falling as snow or rain in April, May, and early June. The



mean annual temperature is about 41 degrees F. and ranges from about 34 to 45 degrees F. The frost-free season is estimated at 80 to 110 days; but, because of elevation, aspect, and air drainage, frost may occur at any time.

3.3-103



ONASON SERIES SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: C07120023_186 Typical Pedon: Onason loamy sand - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-2 inches. Brown (10YR 5/3) loamy sand, moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; strongly alkaline (pH 8.6), noneffervescent; clear smooth boundary.

C - 2-10 inches. Yellowish brown (10YR 5/4) loamy sand, moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; moderately alkaline (pH 8.4), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 186 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.



The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class (According to official series description) - Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at a depth of 0-2 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



ONASON SERIES GRAVELLY SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: C07120023_187 Typical Pedon: Onason sandy loam - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-2 inches. Brown (10YR 5/3) sandy loam, moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; strongly alkaline (pH 8.5), noneffervescent; clear smooth boundary.

C - 2-10 inches. Yellowish brown (10YR 5/4) loamy sand, moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; strongly alkaline (pH 8.6), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 187 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.



The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis):</u> Lab texture for the A horizon is coarser than typical for the map unit.

<u>Taxonomic Class (According to official series description)</u> - Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at depths of 0-2 and 2-10 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC" Lab/BKS Sample ID: C07120023_189 Typical Pedon: Bluerim noncalcareous variant-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim noncalcareous variant series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 5/3) sandy loam, moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 8.2), noneffervescent; clear smooth boundary.

Bt -3-12 inches. Brown (10YR 5/3) sandy loam, moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; moderately alkaline (pH 8.0), noneffervescent; clear smooth boundary.

BC – 12-18 inches. Brown (10YR 5/3) loamy sand, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; moderately alkaline (pH 8.0), noneffervescent; gradual wavy boundary.

C - 18 to 32 inches. Grayish brown (10YR 5/2) loamy sand, moist; weak medium angular blocky structure; slightly hard, very friable, slightly sticky and nonplastic; few medium roots; few thin clay films on faces of some peds; 10 percent very fine pebbles; moderately alkaline (pH 8.1); noneffervescent; clear smooth boundary. (4 to 7 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 189 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.

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The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

Range in Characteristics (according to field observations, lab analysis): There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

Suitability for Topsoil (According to WDEQ Guideline 1) - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 18 inches due to the presence of the C horizon.

Geographic Setting (According to Official Series Description) - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



GRIEVES SERIES SANDY LOAM

Soil Mapping Unit "Gr" (Inclusion) Lab/BKS Sample ID: C07120023_190 Typical Pedon: Grieves sandy loam – rangeland. (Colors are for dry soil unless otherwise stated.)

The Grieves series consists of very deep, well drained and somewhat excessively drained soils that formed in locally transported calcareous materials weathered from sandstone. Grieves soils are on fans, footslopes and toeslopes. Slopes range from 0 to 40 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Grayish brown (10YR 5/2) sandy loam, moist; moderate very fine granular structure; soft, very friable, slightly sticky, slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 7.9); noneffervescent; clear wavy boundary. (2 to 5 inches thick)

AC - 3 to 13 inches. Pale brown (10YR 6/3) sandy loam, moist; weak medium subangular blocky structure; slightly hard, very friable, slightly sticky, slightly plastic; many very fine, fine and medium roots to 12 inches; moderately alkaline (pH 8.2); noneffervescent; gradual wavy boundary. (0 to 8 inches thick)

C1 - 13 to 27 inches. Pale brown (10YR 6/3) sandy loam, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.4); strongly effervescent.

C2 - 27 to 54 inches. Pale brown (10YR 6/3) loamy sand, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.5); strongly effervescent.

C3 - 54 to 60 inches. Pale brown (10YR 6/3) loamy sand, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.5); strongly effervescent.

Type Location - Sweetwater County, Wyoming; refer to waypoint 190 on map included



in this report.

Range in Characteristics (According to Official Series Description) -

The mean annual soil temperature is about 43 degrees to 46 degrees F. The mean summer soil temperature is about 59 degrees to 62 degrees F. The control section is sandy loam or fine sandy loam averaging between 10 to 18 percent clay. Gravel ranges from 0 to 15 percent; up to 10 percent cobblestones are found in the very lower part of the control section.

The A horizon has hue of 2.5Y or 10YR; value of 5 or 6 dry, 3 through 5 moist; and chroma of 2 through 4. It is mildly or moderately alkaline. A Bw horizon is lacking in some pedons.

The C horizon has hue of 2.5Y or 10YR, value of 6 through 8, 4 or 5 moist, and chroma of 2 through 4. It is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: According to the NRCS soil series description, the soils are strongly calcareous. The soil profile based on field observations, the A horizon is noncalcareous.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 13 inches due to the change in effervescent at the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Grieves soils are on nearly level to sloping alluvial fans, footslopes or toeslopes. Slopes are 0 to 40 percent. They formed in locally transported calcareous materials weathered from sandstone or sandstone interbedded with shale. Elevation is 5800 to 7,200 feet. The mean annual precipitation is 9 to 14 inches, which occurs mainly in the winter and spring. The mean annual air temperature is 39 degrees to 45 degrees F. The mean summer temperature is 58 degrees to 65 degrees F. The frost-free season is 60 to 100 days.



JAB SAMPLED SOIL SERIES DESCRIPTIONS

July 2008

3.3-112



LECKMAN SERIES

Soil Mapping Unit "L" Lab/BKS Sample ID: G07120056_2 Typical Pedon: Leckman loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-5 inches. Light grayish brown (10YR 6/2) loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; neutral (pH 6.8), noneffervescent.

C1 - 5-15 inches. Light grayish brown (10YR 6/2) loam, moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; slightly alkaline (pH 7.6), moderately effervescent.

C2 - 15-29 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.8), moderately effervescent.

C3 - 29-48 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, moderately alkaline (pH 8.0), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 2 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.

The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4.

The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.



<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and C3 horizons and is moderately calcareous in the C1 and C2 horizons. According to the NRCS soil series description, the soil profile is slightly calcareous in the A horizon and is strongly calcareous in the remaining horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 5 inches due to the change in effervescent at the C1 horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.





BLUERIM SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Br-NC"

Lab/BKS Sample ID: G07120056 7

Typical Pedon: Bluerim noncalcareous variant-rangeland. The surface is covered with 15 percent very fine pebbles. (Colors are for dry soil unless otherwise stated.)

The Bluerim noncalcareous variant series consists of moderately deep, well drained soils that formed in material weathered from calcareous sandy shale interbedded with arkosic sandstone. Bluerim soils are on upland hillsides and have slopes of 3 to 20 percent. The mean annual precipitation is 8 to 10 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Brown (10YR 5/3) loam, moist; moderate medium and fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; moderately acid (pH 5.7), noneffervescent; clear smooth boundary.

Bt1 – 3-12 inches. Brown (10YR 5/3) loam, moist; weak medium prismatic structure that parts to moderate medium angular blocky; hard, friable, sticky and plastic; many fine and medium roots; continuous thin clay films on faces of all peds; 10 percent very fine pebbles; neutral (pH 7.0), noneffervescent; clear smooth boundary.

Bt2 – 12-20 inches. Brown (10YR 5/3) loam, moist; moderate medium angular blocky structure; slightly hard, very friable, slightly sticky and slightly plastic; few medium roots; continuous thin clay films on faces of peds; 10 percent very fine pebbles; neutral (pH 7.2), noneffervescent; gradual wavy boundary.

C - 20-30 inches. Light olive brown (2.5Y 5/4) sandy loam, moist; neutral (pH 7.2), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 7 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature ranges from 35 to 47 degrees F., and the mean summer soil temperature ranges from 59 to 62 degrees F. Depth to bedded sandy shale is 20 to 40 inches. The soils commonly are noncalcareous. Calcium carbonate accumulation in the lower part of the C horizon is weak and discontinuous. Very fine pebbles range from 0 to 15 percent throughout.



The A1 horizon has hue of 2.5Y or 10YR, value of 4 or 5 dry, 3 or 4 moist, and chroma of 2 through 4 dry and moist. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The Bt2 horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 3 or 4 dry and moist. Texture is sandy clay loam with 20 to 27 percent clay. EC is less than 2 mmhos. Reaction is neutral or mildly alkaline.

The C horizon has hue of 5Y through 10YR, value of 4 through 7 dry, 5 or 6 moist, and chroma of 2 through 4. It is sandy loam or sandy clay loam. EC is less than 4 mmhos. Reaction ranges from mildly alkaline through strongly alkaline. Visible accumulation of calcium carbonate is discontinuous.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 20 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Bluerim soils are on upland hillsides. Slopes are 3 to 20 percent. The soils formed in residuum weathered from calcareous sandy shales interbedded with arkosic sandstone. Elevation is 6,000 to 7,800 feet. The mean annual temperature is 34 to 45 degrees F. Precipitation is 10 to 14 inches. The growing season is 80 to 120 days but frost may occur in any month.



ONASON SERIES

Soil Mapping Unit "O" Lab/BKS Sample ID: G07120056_9 Typical Pedon: Onason sandy loam - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is 8 to 10 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-2 inches. Brown (10YR 5/3) sandy loam, moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; moderately acid (pH 5.8), noneffervescent; clear smooth boundary.

AC - 2-10 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; neutral (pH 6.6), noneffervescent; gradual wavy boundary.

C1 - 10-16 inches. Light yellowish brown (2.5Y 6/4) sandy clay loam, moist; massive; soft, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; neutral (pH 6.6); noneffervescent; abrupt wavy boundary. (3 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 9 on map included in this report.

Range in Soil Characteristics(According to official series description)- Depth to theparalithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareousthroughout. The mean annual soil temperature is 36 to 45 degrees F., and the meansummer soil temperature is 59 to 62 degrees F. The particle size control section averagesgravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent androck fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. ECislessthan2mmhosthroughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: There were no variations from the typical soil profile according to lab analysis and field observations.

Taxonomic Class (According to official series description): Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u>: No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 10 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



BLACKHALL SERIES

Soil Mapping Unit "Bl" Lab/BKS Sample ID: G07120056_10 Typical Pedon: Blackhall sandy clay

Typical Pedon: Blackhall sandy clay loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Blackhall series consists of very shallow and shallow, well drained soils that formed in material weathered from sandstone. Blackhall soils are on hills and ridges. Slopes are 3 to 65 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual air temperature is about 38 degrees F.

A - 0-4 inches. Light yellowish brown (2.5Y 6/3) sandy clay loam, moist; moderate very fine granular structure; soft, very friable; few soft sandstone fragments; neutral (pH 6.8), noneffervescent.

AC - 4-14 inches. Light yellowish brown (2.5Y 6/3) clay - clay loam, moist moderate very fine granular structure; soft, very friable; few soft sandstone fragments; slightly alkaline (pH 7.7), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 10 on map included in this report.

<u>Range in Soil Characteristics (According to official series description)</u> - Depth to a paralithic contact and bedrock is 6 to 20 inches. The mean annual soil temperature is about 40 to 45 degrees F., and the mean summer soil temperature is about 59 to 66 degrees F. The control section averages 5 to 18 percent clay and has more than 35 percent fine or coarser sand. Sandstone fragments range from 0 to 35 percent and are less than 3 inches in diameter. Textures are sandy loam, fine sandy loam, or very fine sandy loam. The moisture control section is usually dry, but is moist in April, May, and early June.

The A horizon has hue of 2.5Y or 10YR, value of 5 or 7 dry, 3 through 6 moist, and chroma of 2 through 6. It is neutral through moderately alkaline.

The C horizon has hue of 5Y through 10YR, value of 5 through 7 dry, 3 through 6 moist, and chroma of 2 through 6. It is mildly through strongly alkaline. A Bk or Bw horizon may be present but is nondiagnostic.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and AC horizons. According to the NRCS soil series



description, the soil profile is slightly calcareous in the A horizon and is strongly calcareous in the remaining horizons.

<u>Taxonomic Class</u> - Loamy, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal texture was found at a depth of 4-14 inches. An estimated stripping depth is 4 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Blackhall soils are on hills and ridges Slopes are 3 to 65 percent. These soils formed in colluvium, alluvium and residuum weathered from sandstone. Elevations are 4200 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which half falls as snow and rain during April, May, and June. The mean annual temperature is about 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 60 to 110 days.





DIAMONDVILLE SERIES

Soil Mapping Unit "D"

Lab/BKS Sample ID: G07120056 11

Typical Pedon: Diamondville sandy clay loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Diamondville series consists of moderately deep, well drained soils that formed in alluvium and residuum weathered from calcareous loamstone and sandstone. Diamondville soils are on fan remnants, plateaus, hills and ridges of cold intermountain basins and have slopes of 0 to 15 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-4 inches. Light brownish gray (10YR 6/2) sandy clay loam, moist; strong fine granular structure; soft, very friable, slightly sticky and slightly plastic; slightly acid (pH 6.5), noneffervescent; clear smooth boundary.

Bt1 - 4-11 inches. Brown (10YR 5/3) clay loam, moist; moderate fine subangular blocky parting to fine granular structure; slightly hard, very friable, slightly sticky and slightly plastic; few faint clay films on faces of some peds; 2 percent gravel; neutral (pH 6.8), noneffervescent; clear smooth boundary.

Bt2 - 11-17 inches. Brown (10YR 5/3) clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; hard, very friable, sticky and plastic; many prominent clay films on faces of peds and in root channels; neutral (pH 7.3), noneffervescent; gradual wavy boundary.

Btk - 17-24 inches. Brown (10YR 5/3) clay, moist; weak medium subangular blocky structure; hard, friable, sticky and plastic; common distinct clay films on faces of peds and on inside of root channels; common distinct soft, rounded masses, seams, and threads of secondary calcium carbonate; slightly alkaline (pH 7.7), strongly effervescent.

Ck - 24-32 inches. Light yellowish brown (2.5Y 6/3) clay, moist; massive structure; soft, friable, nonsticky, nonplastic; moderately alkaline (pH 7.9), strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 11 on map included in this report.

<u>Range in Soil Characteristics (According to official series description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material ranges from



3 to 20 inches. The mean annual soil temperature ranges from 40 to 47 degrees F. The mean summer soil temperature ranges from 59 to 66 degrees F. Rock fragments range from 0 to 15 percent and are either gravel or channers.

The A horizon has hue of 5Y through 7.5YR, value of 4 to 6 dry, 3 to 6 moist, and chroma of 2 or 3. It is neutral through moderately alkaline.

The Bt horizon has hue of 5Y through 7.5YR, value of 4 to 6 dry, 4 or 5 moist, and chroma of 2 to 4. It is loam, clay loam, or sandy clay loam, averaging 18 to 35 percent clay and less than 35 percent fine or coarser sand. It is neutral through moderately alkaline.

The Bk horizon has hue of 5Y through 7.5YR, value of 5 to 8 dry, 4 to 7 moist, and chroma of 2 through 4. It is clay loam, loam, or sandy clay loam. Calcium carbonate equivalent ranges from 4 to 14 percent. This horizon is moderately or strongly alkaline. In some pedons the Bk horizon has textures of fine sandy loam or very fine sandy loam.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A, Bt1, and Bt2 horizons and strongly calcareous in Btk and Ck. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil</u> - Marginal texture was found at depths of 17-24 and 24-32 inches. An estimated stripping depth is 17 inches based on laboratory analysis.

<u>Geographic Setting (According to official series description)</u> - Diamondville soils are on fan remnants, plateaus, hills and ridges of cold intermountain basins. Slopes are 0 to 15 percent. The soils formed in material weathered from soft, calcareous loamstone and sandstone. Elevations are 4,600 to 7,500 feet. The mean annual precipitation is 10 to 15 inches of which about half occurs mainly in the spring. The mean annual temperature is about 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 80 to 120 days.



ROCK RIVER SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "RR-NC" (Inclusion)

Lab/BKS Sample ID: G07120056_14

Typical Pedon: Rock River noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River noncalcareous variant series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) silty loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.1); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

B1 - 4 to 11 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; neutral (pH 6.9); noneffervescent; clear smooth boundary.

B2 - 11 to 18 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; neutral (pH 6.7); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

C1 - 18 to 38 inches. Yellowish brown (10YR 5/4) loamy sand, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; neutral (pH 7.2); strong effervescent; clear smooth boundary. (0 to 8 inches thick)

C2 - 38 to 60 inches. Light brownish gray (10YR 6/2) sandy loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.6); strong effervescent.



<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 14 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A, B1, and B2 horizons and strongly calcareous in C1 and C2. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 18 inches due to the change in effervescent in the C horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25



percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC"

Lab/BKS Sample ID: G07120056 15

Typical Pedon: Carmody sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; slightly acid (pH 6.3); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 3 to 18 inches. Light brownish gray (10YR 6/2) sand, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; neutral (pH 6.9); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 18 to 29 inches. Light brownish gray to white, calcareous siltstone containing sand, slightly alkaline (pH 7.6); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 15 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15 percent. Thin, discontinuous horizons of carbonate accumulation occur immediately above the paralithic contact in some pedons.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and



chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and C horizons. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 3 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.



CRAGOSEN SERIES GRAVELLY SANDY LOAM

Soil Mapping Unit "Cr" Lab/BKS Sample ID: G07120056_17 Typical Pedon: Cragosen sandy clay loam -rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Pale brown (10YR 6/3) sandy clay loam, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; neutral (pH 6.8); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

AC - 4 to 9 inches; brown (10YR 5/3) sandy clay loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.6); strongly effervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 17 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.





The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons. Lab texture for the A horizon is coarser than typical for the map unit.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 4 inches due to the change in effervescent in the AC horizon.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC" Lab/BKS Sample ID: G07120056_19 Typical Pedon: Carmody noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody noncalcareous variant series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 6 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; slightly acid (pH 6.4); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 6 to 14 inches. Light brownish gray (10YR 6/2) sandy loam, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; neutral (pH 7.2); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 14 to 20 inches. Light brownish gray to white, calcareous siltstone containing sandy loam, slightly alkaline (pH 7.6); noneffervescent.

C3 - 20 to 31 inches. Light brownish gray to white, calcareous siltstone containing loamy sand, slightly alkaline (pH 7.8); noneffervescent.

Type Location - 19

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15 percent. Thin, discontinuous horizons of carbonate accumulation occur immediately



above the paralithic contact in some pedons.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: Lab texture for the A horizon is finer than typical for the map unit. Textures throughout the profile are finer than a typical Carmody.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and C horizons. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 6 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.



ROCK RIVER SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "RR-NC"

Lab/BKS Sample ID: G07120056 20

Typical Pedon: Rock River noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River noncalcareous variant series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) sandy loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; moderately acid (pH 5.8); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt1 - 4 to 19 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; neutral (pH 6.7); noneffervescent; clear smooth boundary.

C1 - 19 to 29 inches. Yellowish brown (10YR 5/4) loamy sand, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; slightly alkaline (pH 7.4); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

C2 - 29 to 44 inches. Yellowish brown (10YR 5/4) loamy sand, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.8); noneffervescent; clear smooth boundary. (0 to 8 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 20 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - Depth to



continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 19 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



ROCK RIVER SERIES SANDY LOAM

Soil Mapping Unit "RR" Lab/BKS Sample ID: G07120056_23 Typical Pedon: Rock River sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Light brownish gray (10YR 6/2) sandy loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.4); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

BA - 3 to 9 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; slightly alkaline (pH 7.4); noneffervescent; clear smooth boundary.

Bt - 9 to 19 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; slightly alkaline (pH 7.7); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

Btk - 19 to 28 inches. Yellowish brown (10YR 5/4) loam, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.7); strongly effervescent; clear smooth boundary. (0 to 8 inches thick)

C1k - 28 to 48 inches. Light brownish gray (10YR 6/2) loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4



inch in diameter; slightly alkaline (pH 7.7); strongly effervescent.

C2 - 48 to 58 inches. Light brownish gray (10YR 6/2) sandy loam – sandy clay loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.7); moderately effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 23 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in BA and Bt horizons. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids



<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 19 inches due to the change in effervescent in the B horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC" (Inclusion)

Lab/BKS Sample ID: G07120056_25

Typical Pedon: Carmody noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody noncalcareous variant series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; moderately acid (pH 6.0); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 2 to 13 inches. Light brownish gray (10YR 6/2) sandy loam, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; neutral (pH 7.1); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 13 to 21 inches. Light brownish gray to white, calcareous siltstone containing sandy loam, slightly alkaline (pH 7.4); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 25 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15 percent. Thin, discontinuous horizons of carbonate accumulation occur immediately above the paralithic contact in some pedons.



The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline.

The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal coarse fragments was found at a depth of 13-21 inches. An estimated stripping depth is 13 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.



BLAZON SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Bz-NC" Lab/BKS Sample ID: G07120056_26 Typical Pedon: Blazon noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Blazon noncalcareous variant series consists of well drained soils that are shallow to shale. These soils formed in slope alluvium over residuum derived from shale interbedded with sandstone, loamstone, and siltstone. Blazon soils are on pediments, hillslopes, plateaus and ridges. Slopes range from 0 to 60 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

TAXONOMIC CLASS: Loamy, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

A - 0 to 6 inches. Light brownish gray (2.5Y 6/2) clay - clay loam, moist; strong fine granular structure; slightly hard, very friable, moderately sticky and moderately plastic; few fine and very fine roots; calcium carbonate disseminated; 2 percent fine gravel; slightly alkaline (pH 7.8); noneffervescent, gradual smooth boundary. (0 to 6 inches thick)

AC - 6 to 17 inches. Light brownish gray (2.5Y 6/2) clay loam, moist; massive with 70 percent soft rock structure as thin plates; very hard, firm, moderately sticky and moderately plastic; few fine and very fine roots; calcium carbonate disseminated and as few fine filaments and threads on platelets; slightly alkaline (pH 7.7); noneffervescent, gradual wavy boundary. (2 to 17 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 26 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The soil moisture control section is usually dry and is dry less than 90 days from June 10 to October 10 in normal years. The mean annual soil temperature is 40 to 47 degrees F. The mean annual summer soil temperature is 59 to 63 degrees F. The depth to paralithic contact is 4 to 20 inches The soil is typically calcareous throughout but may be leached in some pedons through the A horizon.

Gravel lag is common on many surfaces. The particle-size control section is 18 to 35 percent clay and more than 15 percent fine or coarser sand, 0 to 35 percent angular gravel, channers, or cobbles. Many coarse fragments will break down with pretreatment and would be considered as pararock fragments. Regarding the A horizon, the hue is 7.5YR 5Y. The value is 4 through 6 dry, 3 through 5 moist. The chroma is 2 through 4. The texture is clay loam, silt loam, or gravelly silt loam. The EC is 0 through 4 mmhos. The reaction is slightly alkaline through strongly alkaline.

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Regarding the C horizon, the hue is 7.5YR through 5Y. The value is 5 through 7 dry, 3 through 6 moist. The chroma is 2 through 6. The texture is clay loam, silt loam, or gravelly silt loam. The EC is 0 through 4 mmhos. The reaction is moderately or strongly alkaline

A thin Bw or Bk horizon may be present in some pedons but is not diagnostic.

The Cr horizon consists of interbedded, semiconsolidated shale, sandstone, and loamstone. The majority of this material will break down with pretreatment.

Range in Characteristics (according to field observations, lab analysis): This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

Taxonomic Class - Loamy, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

Suitability for Topsoil (According to WDEQ Guideline 1) - Marginal texture was found at a depth of 0-6 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

Geographic Setting (According to Official Series Description) - The parent material is slope alluvium over residuum derived from interbedded, shale, sandstone, loamstone and siltstone. The landform is pediments, hillslopes, plateaus and ridges. The slopes are 0 to 60 percent. The elevation is 5,300 to 8,400 feet. The mean annual temperature: 39 to 45 degrees F. The mean annual precipitation is 9 to 15 inches of which about half falls as snow or rain in April, May, and June.



DIAMONDVILLE SERIES SANDY LOAM

Soil Mapping Unit "D" Lab/BKS Sample ID: G07120056_27 Typical Pedon: Diamondville clay loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Diamondville series consists of moderately deep, well drained soils that formed in alluvium and residuum weathered from calcareous loamstone and sandstone. Diamondville soils are on fan remnants, plateaus, hills and ridges of cold intermountain basins and have slopes of 0 to 15 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-3 inches. Light brownish gray (10YR 6/2) clay loam, moist; strong fine granular structure; soft, very friable, slightly sticky and slightly plastic; neutral (pH 6.7), noneffervescent; clear smooth boundary.

Bt - 3-12 inches. Brown (10YR 5/3) clay loam, moist; moderate fine subangular blocky parting to fine granular structure; slightly hard, very friable, slightly sticky and slightly plastic; few faint clay films on faces of some peds; 2 percent gravel; slightly alkaline (pH 7.5), noneffervescent; clear smooth boundary.

Btk - 12-24 inches. Brown (10YR 5/3) clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; hard, very friable, sticky and plastic; many prominent clay films on faces of peds and in root channels; slightly alkaline (pH 7.8), strongly effervescent; gradual wavy boundary.

C1k - 24-33 inches. Light yellowish brown (2.5Y 6/3) sandy loam – sandy clay loam, moist; massive structure; soft, friable, nonsticky, nonplastic; slightly alkaline (pH 7.8), strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 27 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material ranges from 3 to 20 inches. The mean annual soil temperature ranges from 40 to 47 degrees F. The mean summer soil temperature ranges from 59 to 66 degrees F. Rock fragments range from 0 to 15 percent and are either gravel or channers.



The A horizon has hue of 5Y through 7.5YR, value of 4 to 6 dry, 3 to 6 moist, and chroma of 2 or 3. It is neutral through moderately alkaline.

The Bt horizon has hue of 5Y through 7.5YR, value of 4 to 6 dry, 4 or 5 moist, and chroma of 2 to 4. It is loam, clay loam, or sandy clay loam, averaging 18 to 35 percent clay and less than 35 percent fine or coarser sand. It is neutral through moderately alkaline.

The Bk horizon has hue of 5Y through 7.5YR, value of 5 to 8 dry, 4 to 7 moist, and chroma of 2 through 4. It is clay loam, loam, or sandy clay loam. Calcium carbonate equivalent ranges from 4 to 14 percent. This horizon is moderately or strongly alkaline. In some pedons the Bk horizon has textures of fine sandy loam or very fine sandy loam.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous for the A and Bt horizons and strongly calcareous for the remaining horizons. According to the NRCS soil series description, the soil profile is violently calcareous in the Bk horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 12 inches due to the change in effervescent in the B horizon.

<u>Geographic Setting (According to official series description)</u> - Diamondville soils are on fan remnants, plateaus, hills and ridges of cold intermountain basins. Slopes are 0 to 15 percent. The soils formed in material weathered from soft, calcareous loamstone and sandstone. Elevations are 4,600 to 7,500 feet. The mean annual precipitation is 10 to 15 inches of which about half occurs mainly in the spring. The mean annual temperature is about 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 80 to 120 days.



CUSHOOL SERIES NONCALCAREOUS SHALLOW VARIANT

Soil Mapping Unit "Cu-SH" Lab/BKS Sample ID: G07120056_28 Typical Pedon: Cushool noncalcareous shallow variant -rangeland. (Colors are for dry soil unless otherwise stated.)

The Cushool noncalcareous shallow variant series consists of well drained soils that are moderately deep to soft sandstone. They formed in slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. Cushool soils are on rock-controlled hills, pediments, structural benches, ridges, and short fan aprons. Slopes are 0 to 50 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Grayish brown (10YR 5/2) sandy loam, moist; moderate fine granular structure; soft, very friable, nonsticky and nonplastic; common fine and very fine roots; slightly acid (pH 6.2); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 3 to 12 inches. Brown (10YR 5/3) sandy loam - sandy clay loam, moist; moderate medium subangular blocky structure parting to moderate medium granular; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; few distinct clay films on faces of peds and inside root channels; neutral (pH 7.1); noneffervescent; clear smooth boundary.

C - 12 to 17 inches. Yellowish brown (10YR 5/4) sandy clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; many clay films on faces of peds and in root channels; slightly alkaline (pH 7.4); moderately effervescent (Combined thickness of the Bt horizons is 9 to 23 inches.)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 28 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) -

The mean annual soil temperature ranges from 41 to 47 degrees F. The mean summer temperature is 59 to 63 degrees F. The depth to calcic horizon is 11 to 34 inches. The depth to paralithic contact is 20 to 40 inches shale interbedded with sandstone. These soils are typically free of carbonates through the upper part of the Bt horizon. Rock fragments range from 0 to 30 percent throughout the whole soil and are pebbles or



channers. Exchangeable sodium ranges from 0 to 15 percent throughout the argillic horizon and Bk horizons. EC ranges from 0 to 4 mmhos throughout.

Regarding the A horizon, the hue is 7.5YR to 5Y. The value is 4 through 7 dry, 3 through 5 moist. The chroma is 2 through 6 dry or moist. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline

Regarding Bt horizon, the hue is 7.5YR to 5Y. The value is 4 through 6 dry, 3 or 4 moist. The chroma is 2 through 6 dry or moist. The texture is sandy clay loam, fine sandy loam, or sandy loam with 18 to 35 percent clay, 0 to 28 percent silt, and 45 to 80 percent sand with more than 35 percent being fine sand or coarser. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline. The Btk horizon when present is moderately or strongly alkaline.

Regarding Bk horizon, the hue is 7.5YR to 5Y. The value is 5 through 7 dry, 4 through 7 moist. The chroma is 2 through 6 dry or moist. The texture is loamy fine sand, sandy loam, fine sandy loam. The calcium carbonate equivalent is 5 to 15 percent. The reaction is moderately or strongly alkaline. A thin C horizon is present in some pedons.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous for the A and B horizons and moderately calcareous for the C horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 12 inches due to the change in effervescent in the C horizon.

<u>Geographic Setting (According to official series description)</u> – The parent material is slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. The landform is rock-controlled hill and ridge slopes, fan aprons, pediments, and structural benches. The slopes are 0 to 50 percent. The elevations are 5,300 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches of which about half falls as snow and rain in April, May, and early June. The mean annual temperature: is about 41 degrees F. and ranges from 39 to 45 degrees F. The frost-free season is 75 to 110 days depending upon elevation, aspect, and air drainage.



ROCK RIVER SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "RR-NC" Lab/BKS Sample ID: G07120056_31 Typical Pedon: Rock River noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River noncalcareous variant series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.3); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt1 - 4 to 16 inches. Yellowish brown (10YR 5/4) clay loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; neutral (pH 7.1); noneffervescent; clear smooth boundary.

Bt2 - 16 to 27 inches. Yellowish brown (10YR 5/4) sandy loam – sandy clay loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; neutral (pH 7.1); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

BC - 27 to 31 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; neutral (pH 7.3); noneffervescent; clear smooth boundary. (0 to 8 inches thick)

C - 31 to 41 inches. Light brownish gray (10YR 6/2) sandy loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.6); noneffervescent;



<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 31 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 31 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to



14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.

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LECKMAN SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "L" Lab/BKS Sample ID: G07120056_32 Typical Pedon: Leckman noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman noncalcareous variant series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-6 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; moderately acid (pH 5.7), noneffervescent.

C1 - 6-19 inches. Light grayish brown (10YR 6/2) sandy loam, moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; moderately acid (pH 5.8), noneffervescent.

C2 - 19-32 inches. Light grayish brown (10YR 6/2) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, moderately acid (pH 5.9), noneffervescent.

C3 - 32-40 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, moderately acid (pH 5.8), noneffervescent.

C4 - 40-60 inches. Light grayish brown (10YR 6/2) sandy loam, moist; massive, soft very friable nonsticky, nonplastic, slightly acid (pH 6.1), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 32 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.

The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4.



The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is slightly to strongly calcareous in the A horizon.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 6 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.



ROCK RIVER SERIES SANDY LOAM

Soil Mapping Unit "RR" Lab/BKS Sample ID: G07120056_33 Typical Pedon: Rock River sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) sandy loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.2); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

B - 4 to 15 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; common mildly alkaline (pH 7.1); noneffervescent; clear smooth boundary.

BC - 15 to 22 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; slightly alkaline (pH 7.7); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

C1k - 22 to 36 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.8); noneffervescent; clear smooth boundary. (0 to 8 inches thick)

C2k - 36 to 46 inches. Light brownish gray (10YR 6/2) sandy clay loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.8); noneffervescent;



<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 33 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 22 inches due to the presence of the C horizon..

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to



14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



CUSHOOL SERIES SANDY LOAM

Soil Mapping Unit "Cu" Lab/BKS Sample ID: G07120056_36 Typical Pedon: Cushool loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cushool series consists of well drained soils that are moderately deep to soft sandstone. They formed in slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. Cushool soils are on rock-controlled hills, pediments, structural benches, ridges, and short fan aprons. Slopes are 0 to 50 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 7 inches. Grayish brown (10YR 5/2) loam, moist; moderate fine granular structure; soft, very friable, nonsticky and nonplastic; common fine and very fine roots; neutral (pH 7.0); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 7 to 15 inches. Brown (10YR 5/3) clay loam - loam, moist; moderate medium subangular blocky structure parting to moderate medium granular; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; few distinct clay films on faces of peds and inside root channels; slightly alkaline (pH 7.5); noneffervescent; clear smooth boundary.

Btk- 15 to 26 inches. Yellowish brown (10YR 5/4) sandy clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; many clay films on faces of peds and in root channels; slightly alkaline (pH 7.8); strongly effervescent (Combined thickness of the Bt horizons is 9 to 23 inches.)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 36 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) -

The mean annual soil temperature ranges from 41 to 47 degrees F. The mean summer temperature is 59 to 63 degrees F. The depth to calcic horizon is 11 to 34 inches. The depth to paralithic contact is 20 to 40 inches shale interbedded with sandstone. These soils are typically free of carbonates through the upper part of the Bt horizon. Rock fragments range from 0 to 30 percent throughout the whole soil and are pebbles or channers. Exchangeable sodium ranges from 0 to 15 percent throughout the argillic



horizon and Bk horizons. EC ranges from 0 to 4 mmhos throughout.

Regarding the A horizon, the hue is 7.5YR to 5Y. The value is 4 through 7 dry, 3 through 5 moist. The chroma is 2 through 6 dry or moist. The calcium carbonate equivalent: 0 to 5 percent. The reaction is neutral through moderately alkaline.

Regarding the Bt horizon, the hue is 7.5YR to 5Y. The value is 4 through 6 dry, 3 or 4 moist. The chroma is 2 through 6 dry or moist. The texture is sandy clay loam, fine sandy loam, or sandy loam with 18 to 35 percent clay, 0 to 28 percent silt, and 45 to 80 percent sand with more than 35 percent being fine sand or coarser. Calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline. The Btk horizon when present is moderately or strongly alkaline.

Regarding the Bk horizon, the hue is 7.5YR to 5Y. The value is 5 through 7 dry, 4 through 7 moist. The chroma is 2 through 6 dry or moist. The texture is loamy fine sand, sandy loam, fine sandy loam. The calcium carbonate equivalent is 5 to 15 percent. The reaction: is moderately or strongly alkaline.

A thin C horizon is present in some pedons.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and Bt horizons.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 15 inches due to a change in effervescent in the B horizon.

<u>Geographic Setting (According to official series description)</u> – The parent material is slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. The landform is rock-controlled hill and ridge slopes, fan aprons, pediments, and structural benches. Slopes are 0 to 50 percent. Elevations are 5,300 to 7,800 feet. Mean annual precipitation is about 12 inches but ranges from 9 to 14 inches of which about half falls as snow and rain in April, May, and early June. Mean annual temperature is about 41 degrees F. and ranges from 39 to 45 degrees F. Frost-free season is 75 to 110 days depending upon elevation, aspect, and air drainage.



CRAGOSEN SERIES SANDY LOAM

Soil Mapping Unit "Cr" Lab/BKS Sample ID: G07120056_38 Typical Pedon: Cragosen sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Pale brown (10YR 6/3) sandy loam, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; moderately acid (pH 5.8); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

C1 - 2 to 11 inches. Brown (10YR 5/3) sandy loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; neutral (pH 7.1); noneffervescent; clear wavy boundary. (4 to 14 inches thick)

C2k - 11 to 18 inches. Soft sandy loam, calcareous shale interbedded with siltstone and thin lenses of sandstone; slightly alkaline (pH 7.8); strongly effervescent;

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 38 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.



The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.

The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and C1 horizons and strongly calcareous in the C2k. According to the NRCS soil series description, the soil profile is strongly calcareous in the A and C horizons.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 2 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



LECKMAN NONCLACAREOUS VARIANT

Soil Mapping Unit "L" Lab/BKS Sample ID: G07120056_39 Typical Pedon: Leckman clay loam - loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Leckman series consists of very deep, well drained soils formed in alluvium. Leckman soils are on alluvial fans and toeslopes and have slopes of 0 to 10 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-4 inches. Light grayish brown (10YR 6/2) clay loam - loam, moist; weak medium platy structure breaks to weak fine crumbs; soft, very friable, nonsticky, nonplastic; neutral (pH 7.0), noneffervescent.

AC - 4-13 inches. Light grayish brown (10YR 6/2) clay loam, moist; weak coarse and medium prismatic structure that parts to weak medium subangular blocks; soft, very friable, nonsticky, nonplastic; neutral (pH 7.3), noneffervescent.

C1 - 13-24 inches. Light grayish brown (10YR 6/2) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.6), noneffervescent.

C2 - 24-42 inches. Light grayish brown (10YR 6/2) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.6), noneffervescent.

C3 - 42-60 inches. Light grayish brown (10YR 6/2) loamy sand, moist; massive, soft very friable nonsticky, nonplastic, slightly alkaline (pH 7.6), noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 39 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - The mean annual soil temperature is about 43 to 47 degrees F. The mean summer soil temperature is 64 to 67 degrees F. Textures throughout the profile are fine sandy loam or sandy loam. Gravel content is generally less than 5 percent but can range from 0 to 15 percent.

The A horizons have hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4.



The C horizon has hues of 10YR or 2.5Y, values of 6 or 7 dry and 4 or 5 moist, and chromas of 2 through 4. Reaction is moderately or strongly alkaline. Effervescence may be slight to violent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is slightly to strongly calcareous in the A horizon and strongly calcareous in the C horizon.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Typic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal coarse fragments was found at depths of 24-42 and 42-60 inches. An estimated stripping depth is 24 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Leckman soils are on alluvial fans and toe slopes of escarpments. Slopes are 0 to 10 percent. The soils formed in alluvium. Elevation is 6,000 to 7,000 feet. The mean annual precipitation is 7 to 9 inches. The mean annual air temperature is 37 to 44 degrees F. The frost-free season is 80 to 110 days.



ONASON SERIES GRAVELLY SANDY LOAM

Soil Mapping Unit "O" Lab/BKS Sample ID: G07120056_40 Typical Pedon: Onason sandy loam - rangeland. (Colors are for dry soil unless otherwise stated.)

The Onason series consists of well drained soils that are shallow and very shallow to soft sandstone. These soils formed in residuum and slopewash alluvium weathered from the underlying bedrock. Onason soils are on footslopes, backslopes, and shoulders of hills and ridges. Slopes range from 5 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0-4 inches. Brown (10YR 5/3) sandy loam, moist; weak very fine granular structure; slightly hard, very friable, nonsticky and nonplastic; many fine and few medium roots; 15 percent semirounded pebbles; neutral (pH 7.1), noneffervescent; clear smooth boundary.

C - 4-16 inches. Yellowish brown (10YR 5/4) loamy sand, moist; weak medium and coarse granular structure; slightly hard, very friable, slightly sticky and slightly plastic; many fine and few medium roots; 15 percent semirounded pebbles; slightly alkaline (pH 7.6), noneffervescent; gradual wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 40 on map included in this report.

<u>Range in Soil Characteristics(According to official series description)</u> - Depth to the paralithic contact and bedrock ranges from 4 to 20 inches. These soils are noncalcareous throughout. The mean annual soil temperature is 36 to 45 degrees F., and the mean summer soil temperature is 59 to 62 degrees F. The particle size control section averages gravelly sandy loam or sandy loam throughout. Clay ranges from 8 to 18 percent and rock fragments of fine or very fine semirounded pebbles range from 0 to 35 percent. EC is less than 2 mmhos throughout.

The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Lag gravel covering up to 75 percent of the surface is common in some pedons. Reaction is neutral or mildly alkaline.



The C horizon has hue of 2.5Y or 10YR, value of 5 or 6 dry, 4 through 6 moist, and chroma of 2 through 4. A thin Bw horizon is present in some pedons. Reaction is neutral or mildly alkaline.

The Cr horizon consists of soft, noncalcareous, coarse- and medium-grained sandstone interbedded with thin lenses of shale and siltstone. The yellowish brown or brown sandstone may have discontinuous lenses of hard sandstone or shale in some pedons. The soil-bedrock interface is considered a paralithic contact and roots plane out at the contact.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: Lab texture for the A horizon is coarser than typical for the map unit.

<u>Taxonomic Class (According to official series description)</u>: Loamy, mixed, superactive, nonacid, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u>: Marginal coarse fragments were found at a depth of 0-4 inches and unsuitable coarse fragments were found at a depth of 4-16 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Onason soils are on footslopes, backslopes, and shoulders of rolling and steep hills and ridges. These soils formed in residuum and slopewash alluvium weathered from the underlying noncalcareous sandstone. Slopes range from 5 to 45 percent. Elevations are 6,000 to 7,600 feet. The climate is cool, semiarid with moist springs and dry summers. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 34 to 44 degrees F. The estimated frost-free season is about 80 to 110 days, but frost may occur in any month.



CRAGOSEN SERIES GRAVELLY SANDY LOAM

Soil Mapping Unit "Cr" Lab/BKS Sample ID: G07120056_41 Typical Pedon: Cragosen sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cragosen series consists of shallow, well drained soils that have bedrock at less than 20 inches. The soils formed in slopewash alluvium on fan aprons, footslopes, and shoulder, ridge, and hill crests. Slopes are from 0 to 60 percent and are both simple and complex. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Pale brown (10YR 6/3) sandy loam, moist; moderate fine granular structure; soft, very friable, slightly sticky and slightly plastic; lime disseminated and as coatings on undersides of rock fragments; 25 percent pebbles and 10 percent cobbles; slightly acid (pH 6.3); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

C - 2 to 14 inches; brown (10YR 5/3) loam, moist; slightly hard, very friable, slightly sticky and slightly plastic; lime disseminated and as thin coatings on all surfaces of rock fragments; 35 percent pebbles and 10 percent cobbles; slightly alkaline (pH 7.8); strongly effervescent; clear wavy boundary. (4 to 14 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 41 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> - Depth to bedrock ranges from 6 to 20 inches. Depth to uniformly calcareous material ranges from 0 to 6 inches. The mean annual soil temperature is about 44 degrees F. and ranges from 40 to 46 degrees F. The mean annual summer soil temperature ranges from 59 to 63 degrees F. EC ranges from 0 to 4 mmhos throughout the soil. Exchangeable sodium is estimated to be between 0 and 12 percent. The particle size control section matrix is loam, sandy loam, or sandy clay loam with 15 to 25 percent clay and 30 to 60 percent sand with 15 percent or more fine sand or coarser. Rock fragment content of the control section ranges from 25 to 45 percent pebbles and 5 to 15 percent cobble and averages over 35 percent.

The A horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction is neutral through strongly alkaline. Neutral and mildly alkaline reactions occur in the presence of gypsum that acts as a buffering agent.



The C or Bk horizon has hue of 5Y through 7.5YR, value of 4 through 7 dry, 3 through 6 moist, and chroma of 2 through 4. Reaction ranges from mildly through strongly alkaline. The mildly alkaline reaction occurs in the presence of gypsum. A Bw or Bk horizon may replace part or all of the C horizon but is not diagnostic of either a cambic or calcic horizon. The carbonate movement, while common in some pedons, is not consistent and, though pedogenic, does not meet the requirement for a diagnostic horizon.

The 2Cr horizon consists of varicolored shales interbedded with semiconsolidated siltstone and sandstone. The material is soft with thin, discontinuous lenses of consolidated rock.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the A horizon. Lab texture for the A horizon is coarser than typical for the map unit.

<u>Taxonomic Class</u> - Loamy-skeletal, mixed, superactive, calcareous, frigid, shallow Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal coarse fragments was found at depths of 0-2 and 2-14 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - The Cragosen soils are on fan aprons, footslopes, shoulders, and crests of ridges and hills. These soils formed in slopewash alluvium over sandstone controlled uplands. Slopes range from 0 to 60 percent and are both simple and complex. Elevations range from 6,000 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches with about half falling as snow and rain during April, May, and June. The mean annual temperature is about 40 degrees F. but ranges from 39 to 44 degrees F. The frost-free season is estimated to range from 60 to 100 days depending upon elevation, aspect, and air drainage.



FORELLE SERIES SANDY LOAM

Soil Mapping Unit "F" Lab/BKS Sample ID: G07120056_42 Typical Pedon: Forelle fine sandy loam – sandy clay loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Forelle series consists of very deep, well drained soils on fan aprons, fan piedmonts, hillslopes, and hill toeslope positions. These soils formed in alluvium and slope alluvium derived from sedimentary rocks, primarily shale. Slopes are typically simple and range from 0 to 30 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Light brownish gray (10YR 6/2) sandy loam – sandy clay loam, moist; strong fine granular structure; soft, very friable, nonsticky and nonplastic; 5 percent fine, semirounded pebbles; slightly alkaline (pH 7.5); noneffervescent; clear smooth boundary. (1 to 5 inches thick)

Bt - 5 to 14 inches. Brown (10YR 5/3) clay loam, moist; weak medium prismatic structure parting to moderate medium subangular blocky; hard, very friable, slightly sticky and slightly plastic; few, thin clay films on faces of some peds; 5 percent fine semirounded pebbles; slightly alkaline (pH 7.6); noneffervescent; clear smooth boundary. (2 to 5 inches thick)

Btk - 14 to 32 inches. Brown (10YR 5/3) clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; very hard, friable, slightly sticky and slightly plastic; continuous thin clay films on faces of peds and lining pores and root channels; 5 percent fine semirounded pebbles; slightly alkaline (pH 7.7); strongly effervescent; clear wavy boundary. (7 to 15 inches thick)

C1k - 32 to 42 inches. Pale brown (10YR 6/3) clay loam, moist; weak medium prismatic structure parting to weak medium subangular blocky; hard, friable, slightly sticky and slightly plastic; few thin clay films on faces of some peds and in some root channels; common soft masses of lime; 5 percent fine, semirounded pebbles; slightly alkaline (pH 7.7); violently effervescent; gradual smooth boundary. (3 to 6 inches thick)

C2k - 42 to 60 inches. Light yellowish brown (2.5Y 6/4) clay loam, moist; massive; hard, friable, slightly sticky and slightly plastic; lime is disseminated and as common soft, rounded masses; 10 percent fine, semirounded pebbles; moderately alkaline (pH 7.9);



violently effervescent; gradual smooth boundary. (15 to 30 inches thick)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 42 on map included in this report.

<u>Range in Characteristics (According to Official Series Description)</u> – Mean annual soil temperature is 41 to 45 degrees F. Mean annual summer soil temperature is 59 to 63 degrees F. Depth to base of argillic horizon is 12 to 25 inches. Depth to secondary calcium carbonate is 12 to 25 inches. Rock fragment content of the entire soil to 60 inches is 15 percent or less when averaged with pebbles ranging from 0 to 15 percent and cobble from 0 to 5 percent. EC is less than 2 mmhos throughout.

Regarding the A horizon, the hue is 7.5YR through 5Y. The value is 5 through 7 dry, 3 through 6 moist. The chroma is 2 through 4 dry or moist. The texture is fine sandy loam or loam. The reaction is neutral through moderately alkaline.

Regarding the Bt horizon, the hue is 7.5YR through 5Y. The value is 4 through 7 dry, 3 through 6 moist. Chroma is 2 through 6 dry or moist. Texture is loam, clay loam, or sandy clay loam with 18 to 35 percent clay and more than 15 but less than 35 percent fine sand or coarser. Reaction is neutral through moderately alkaline.

Regarding the Btk and Bk horizon, the hue is 7.5YR through 5Y, and value is 6 through 8 dry, 4 through 7 moist. Chroma is 1 through 6 dry or moist. Texture is loam, clay loam, sandy clay loam, and less commonly sandy loam with 18 to 30 percent clay; clay size carbonates may make up to 5 percent of the clay fraction. Calcium carbonate equivalent: is 4 to 15 percent. Reaction is moderately or strongly alkaline.

Regarding the C horizon, the hue is 7.5YR through 5Y. The value is 5 through 7 dry, 4 through 6 moist. The chroma is 2 through 6 dry or moist. The texture is loam, clay loam, sandy clay loam, or sandy loam with 18 to 30 percent clay. Reaction is slightly through strongly alkaline. Calcium carbonate equivalent is 1 to 6 percent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is violently calcareous in the C horizon. According to the NRCS soil series description, the soil profile is slightly calcareous in the C horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 14



inches due to the change in effervescent in the B horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Parent material is alluvium and slope alluvium derived from shale interbedded with sandstone and siltstone. Landform is fan aprons, fan piedmonts, hillslopes, and hill toeslopes. Slopes are 0 to 30 percent. Elevation is 5,300 to 7,800 feet. Mean annual precipitation is 12 inches but ranges from 9 to 14 inches of which about half falls as rain or snow in April, May and early June. Mean annual temperature is 39 to 45 degrees F. Frost-free period is 75 to 110 days depending upon elevation, aspect, and air drainage.

GRIEVES SERIES SANDY LOAM

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Soil Mapping Unit "Gr" Lab/BKS Sample ID: G07120056 43 Typical Pedon: Grieves clay - rangeland. (Colors are for dry soil unless otherwise stated.)

The Grieves series consists of very deep, well drained and somewhat excessively drained soils that formed in locally transported calcareous materials weathered from sandstone. Grieves soils are on fans, footslopes and toeslopes. Slopes range from 0 to 40 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Grayish brown (10YR 5/2) clay, moist; moderate very fine granular structure; soft, very friable, slightly sticky, slightly plastic; many very fine, fine, and medium roots; moderately alkaline (pH 7.9); noneffervescent; clear wavy boundary. (2 to 5 inches thick)

AC - 3 to 11 inches. Pale brown (10YR 6/3) clay, moist; weak medium subangular blocky structure; slightly hard, very friable, slightly sticky, slightly plastic; many very fine, fine and medium roots to 12 inches; moderately alkaline (pH 7.9); noneffervescent; gradual wavy boundary. (0 to 8 inches thick)

C1k - 11 to 22 inches. Pale brown (10YR 6/3) clay, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.8); strongly effervescent.

C2k - 22 to 31 inches. Pale brown (10YR 6/3) clay, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.7); strongly effervescent.

C3k - 31 to 40 inches. Pale brown (10YR 6/3) clay, moist; massive; soft, very friable, slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.6); strongly effervescent.

C4k - 40 to 60 inches. Pale brown (10YR 6/3) clay, moist; massive; soft, very friable,



slightly sticky, slightly plastic; common very fine, fine, and medium roots to 35 inches; few very fine, fine, and medium roots to 60 inches; slightly alkaline (pH 7.7); strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 43 on map included in this report.

Range in Characteristics (According to Official Series Description) -

The mean annual soil temperature is about 43 degrees to 46 degrees F. The mean summer soil temperature is about 59 degrees to 62 degrees F. The control section is sandy loam or fine sandy loam averaging between 10 to 18 percent clay. Gravel ranges from 0 to 15 percent; up to 10 percent cobblestones are found in the very lower part of the control section.

The A horizon has hue of 2.5Y or 10YR; value of 5 or 6 dry, 3 through 5 moist; and chroma of 2 through 4. It is mildly or moderately alkaline. A Bw horizon is lacking in some pedons.

The C horizon has hue of 2.5Y or 10YR, value of 6 through 8, 4 or 5 moist, and chroma of 2 through 4. It is moderately or strongly alkaline.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the A horizon.

<u>Taxonomic Class</u> - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – Marginal texture was found at depths of 0-3, 3-11, 11-22, 22-31, 31-40, and 40-60 inches. An estimated stripping depth is 0 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - Grieves soils are on nearly level to sloping alluvial fans, footslopes or toeslopes. Slopes are 0 to 40 percent. They formed in locally transported calcareous materials weathered from sandstone or sandstone interbedded with shale. Elevation is 5800 to 7,200 feet. The mean annual precipitation is 9 to 14 inches, which occurs mainly in the winter and spring. The mean annual air temperature is 39 degrees to 45 degrees F. The mean summer temperature is 58 degrees to 65 degrees F. The frost-free season is 60 to 100 days.



CUSHOOL SERIES SHALLOW VARIANT

Soil Mapping Unit "Cu-SH" Lab/BKS Sample ID: G07120056_47 Typical Pedon: Cushool shallow variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cushool shallow variant series consists of well drained soils that are moderately deep to soft sandstone. They formed in slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. Cushool soils are on rock-controlled hills, pediments, structural benches, ridges, and short fan aprons. Slopes are 0 to 50 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Grayish brown (10YR 5/2) sandy loam, moist; moderate fine granular structure; soft, very friable, nonsticky and nonplastic; common fine and very fine roots; moderately acid (pH 5.9); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 2 to 11 inches. Brown (10YR 5/3) sandy loam - sandy clay loam, moist; moderate medium subangular blocky structure parting to moderate medium granular; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; few distinct clay films on faces of peds and inside root channels; slightly alkaline (pH 7.5); noneffervescent; clear smooth boundary.

Ck - 11 to 16 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; many clay films on faces of peds and in root channels; slightly alkaline (pH 7.5); strongly effervescent (Combined thickness of the Bt horizons is 9 to 23 inches.)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 47 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> – The mean annual soil temperature ranges are from 41 to 47 degrees F. The mean summer temperature is 59 to 63 degrees F. The depth to calcic horizon is 11 to 34 inches. The depth to paralithic contact is 20 to 40 inches shale interbedded with sandstone. These soils are typically free of carbonates through the upper part of the Bt horizon. The rock



fragments range from 0 to 30 percent throughout the whole soil and are pebbles or channers. The exchangeable sodium ranges from 0 to 15 percent throughout the argillic horizon and Bk horizons. EC ranges from 0 to 4 mmhos throughout.

Regarding the A horizon, the hue is 7.5YR to 5Y. The value is 4 through 7 dry, 3 through 5 moist. The chroma is 2 through 6 dry or moist. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline.

Regarding the Bt horizon, the hue 7.5YR to 5Y. The value is 4 through 6 dry, 3 or 4 moist. The chroma is 2 through 6 dry or moist. The texture is sandy clay loam, fine sandy loam, or sandy loam with 18 to 35 percent clay, 0 to 28 percent silt, and 45 to 80 percent sand with more than 35 percent being fine sand or coarser. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline.

The Btk horizon when present is moderately or strongly alkaline. Regarding the Bk horizon, the hue is 7.5YR to 5Y. The value is 5 through 7 dry, 4 through 7 moist. The chroma is 2 through 6 dry or moist. The texture is loamy fine sand, sandy loam, and fine sandy loam. The calcium carbonate equivalent is 5 to 15 percent. The reaction is moderately or strongly alkaline. A thin C horizon is present in some pedons.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the B horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 11 inches due to the change in effervescent in the C horizon.

<u>Geographic Setting (According to official series description)</u> – The parent material is slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. The landform is rock-controlled hill and ridge slopes, fan aprons, pediments, and structural benches. The slopes are 0 to 50 percent. The elevations are 5,300 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches of which about half falls as snow and rain in April, May, and early June. The mean annual temperature is about 41 degrees F. and ranges from 39 to 45 degrees F. The frost-free season is 75 to 110 days depending upon elevation, aspect, and air drainage.



Section 3.3 – Geology, Soils, and Seismology

CARMODY SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "Ca-NC"

Lab/BKS Sample ID: G07120056 48

Typical Pedon: Carmody noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Carmody noncalcareous variant series consists of well to somewhat excessively drained soils that are moderately deep to siltstone. These soils formed in material weathered from calcareous siltstone or fine grained sandstone. Carmody soils are on uplands of the cold intermountain basins. Slopes are 2 to 45 percent. The mean annual precipitation is about 8 to 10 inches and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 2 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak fine and very fine granular structure; soft, very friable, slightly sticky and slightly plastic; many very fine, fine, and medium roots; lime disseminated; slightly acid (pH 6.1); noneffervescent, gradual wavy boundary. (4 to 10 inches thick)

C1 - 2 to 14 inches. Light brownish gray (10YR 6/2) sandy loam, moist; moderate medium and coarse prismatic structure; slightly hard, friable, slightly sticky; few fine and many medium roots; lime disseminated; neutral (pH 7.1); noneffervescent, abrupt wavy boundary. (16 to 30 inches thick)

C2 - 14 to 18 inches. Light brownish gray to white, calcareous siltstone containing sandy clay loam, slightly alkaline (pH 7.6); noneffervescent.

Type Location - Sweetwater County, Wyoming; refer to waypoint 48 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - Depth to a paralithic contact is 20 to 40 inches. Depth to uniformly calcareous material is 0 to 10 inches. The mean annual soil temperature ranges from about 40 to 47 degrees F., and the mean summer soil temperature ranges from about 59 to 63 degrees F. The control section is very fine sandy loam or fine sandy loam, averaging 10 to 18 percent clay and more than 15 percent fine sand or coarser. Flat fragments or fine pebbles range from 0 to 15 percent. Thin, discontinuous horizons of carbonate accumulation occur immediately above the paralithic contact in some pedons. The A horizon has hue of 2.5Y or 10YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. EC is less than 2 mmhos. Reaction is mildly or moderately alkaline. The C horizon has hue of 2.5Y or 10YR, value of 4 through 7 dry, 3 through 5 moist, and chroma of 2 through 6. EC is less than 2 mmhos. Reaction is moderately or strongly alkaline. Range in Characteristics (according to field observations, lab analysis): This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is



strongly calcareous in the A and C horizons. Lab texture for the A horizon is coarser than typical for the map unit. Textures throughout the profile are finer than a typical Carmody.

Taxonomic Class - Coarse-loamy, mixed, superactive, calcareous, frigid Ustic Torriorthents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 2 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u> - Carmody soils are on plateaus and hillslopes in intermountain basins. Slopes are 2 to 45 percent. The soils formed in calcareous material weathered from semiconsolidated fine grained sandstone or siltstone. The mean annual precipitation ranges from 10 to 17 inches of which about half falls as snow or rain in April, May, and early June. Elevation is 5,300 to 7,500 feet. The mean annual temperature is 39 to 45 degrees F., and the mean summer temperature is 58 to 65 degrees F. The frost-free season is 75 to 120 days depending upon aspect, elevation, and local air drainage.



CUSHOOL SERIES SANDY LOAM

Soil Mapping Unit "Cu" Lab/BKS Sample ID: G07120056_49 Typical Pedon: Cushool sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cushool series consists of well drained soils that are moderately deep to soft sandstone. They formed in slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. Cushool soils are on rock-controlled hills, pediments, structural benches, ridges, and short fan aprons. Slopes are 0 to 50 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Grayish brown (10YR 5/2) sandy loam, moist; moderate fine granular structure; soft, very friable, nonsticky and nonplastic; common fine and very fine roots; moderately alkaline (pH 5.8); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 4 to 22 inches. Brown (10YR 5/3) sandy clay loam, moist; moderate medium subangular blocky structure parting to moderate medium granular; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; few distinct clay films on faces of peds and inside root channels; neutral (pH 7.3); noneffervescent; clear smooth boundary.

Ck- 22 to 36 inches. Yellowish brown (10YR 5/4) sandy clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; many clay films on faces of peds and in root channels; moderately alkaline (pH 7.9); strongly effervescent (Combined thickness of the Bt horizons is 9 to 23 inches.)

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 49 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> – The mean annual soil temperature ranges from 41 to 47 degrees F. The mean summer temperature is 59 to 63 degrees F. The depth to calcic horizon is 11 to 34 inches. The depth to paralithic contact is 20 to 40 inches shale interbedded with sandstone. These soils are typically free of carbonates through the upper part of the Bt horizon. The rock fragments range from 0 to 30 percent throughout the whole soil and are pebbles or channers. Exchangeable sodium ranges from 0 to 15 percent throughout the argillic horizon and Bk horizons. EC ranges from 0 to 4 mmhos throughout.

Regarding the A horizon, the hue is 7.5YR to 5Y. The value is 4 through 7 dry, 3 through 5 moist. The chroma is 2 through 6 dry or moist. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline.

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Regarding the Bt horizon, the hue is 7.5YR to 5Y. The value is 4 through 6 dry, 3 or 4 moist. The chroma is 2 through 6 dry or moist. The texture is sandy clay loam, fine sandy loam, or sandy loam with 18 to 35 percent clay, 0 to 28 percent silt, and 45 to 80 percent sand with more than 35 percent being fine sand or coarser. The calcium carbonate equivalent: 0 to 5 percent. The reaction is neutral through moderately alkaline.

The Btk horizon when present is moderately or strongly alkaline. Regarding the Bk horizon, the hue is 7.5YR to 5Y. The value is 5 through 7 dry, 4 through 7 moist. The chroma is 2 through 6 dry or moist. The texture is loamy fine sand, sandy loam, and fine sandy loam. The calcium carbonate equivalent is 5 to 15 percent. The reaction is moderately or strongly alkaline. A thin C horizon is present in some pedons.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and B horizons. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizons.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 22 inches due to the change in effervescent in the C horizon.

<u>Geographic Setting (According to official series description)</u> – The parent material is slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. The landform is rock-controlled hill and ridge slopes, fan aprons, pediments, and structural benches. The slopes are 0 to 50 percent. The elevations are 5,300 to 7,800 feet. The mean annual precipitation is about 12 inches but ranges from 9 to 14 inches of which about half falls as snow and rain in April, May, and early June. The mean annual temperature is about 41 degrees F. and ranges from 39 to 45 degrees F.

The frost-free season is 75 to 110 days depending upon elevation, aspect, and air drainage.



GLENDIVE SERIES SANDY LOAM

Soil Mapping Unit "Gl" Lab/BKS Sample ID: G07120056_50 Typical Pedon: Glendive sandy loam, in cropland (colors are for dry soil unless otherwise noted).

The Glendive series consists of very deep, moderately well or well drained soils that formed in stratified loamy calcareous alluvium. These soils are on flood plains and stream terraces. Slopes are 0 to 8 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Grayish brown (10YR 5/2) sandy loam, moist; weak fine granular structure; very hard, friable, slightly sticky and plastic; many very fine roots; moderately acid (pH 5.8); noneffervescent; clear smooth boundary. (3 to 8 inches thick)

C1 - 5 to 15 inches. Grayish brown (10YR 5/2) sandy loam, moist; weak medium subangular blocky structure; very hard, friable, sticky and plastic; many very fine roots; many very fine pores; neutral (pH 7.0); noneffervescent; gradual smooth boundary. (0 to 10 inches thick)

C2 - 15 to 22 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak coarse prismatic structure; slightly hard, friable, sticky and plastic; common very fine roots; common very fine pores; slightly alkaline (pH 7.8); noneffervescent; gradual smooth boundary.

C3 - 22 to 31 inches. Light brownish gray (10YR 6/2) sandy loam that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; moderately alkaline (pH 8.0); moderately effervescent.

C4k - 31 to 45 inches. Light brownish gray (10YR 6/2) sandy loam that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; strongly alkaline (pH 8.7); strongly effervescent.

C5 - 45 to 60 inches. Light brownish gray (10YR 6/2) loamy sand that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; strongly alkaline (pH 8.6); moderately effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 50 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - The soil temperature is



42 to 47 degrees F. Range soil temperature to 40 degrees in MLRA 44.

The moisture control section is between 8 and 24 inches; dry in all parts between four-tenths and five-tenths of the cumulative days per year when the soil temperature at a depth of 20 inches is 41 degrees F or higher. The soil phases are channeled, flooded, high elevation, nonflooded, gravelly substratum, sandy surface, warm, and moderately wet, saline. Regarding the Ap horizon, the hue is 10YR, 2.5Y, or 5Y. This horizon with values of 4 or 5 dry, 3 moist and chroma of 2 or 3 may meet the requirements for mollic except for thickness. The value is 4, 5, or 6 dry; 3, 4, or 5 moist. The chroma is 2 or 3. The texture is loam, silt loam, fine sandy loam, sandy loam, loamy fine sand, and silty clay loam. The clay content is 5 to 35 percent clay. The EC is 0 to 8 mmhos/cm; saline phase 4 to 8 mmhos/cm. The effervescence is none to violently. The reaction is pH 6.6 to 9.0.

Regarding the C1, C2 horizons, the hue is 10YR, 2.5Y, or 5Y. The value is 5, 6, or 7 dry; 4, 5, or 6 moist. The chroma is 2, 3, or 4. The texture is loam, silt loam, sandy loam, and fine sandy loam. The clay content is 5 to 18 percent. The rock fragments are 0 to 15 percent pebbles. The EC is 0 to 16 mmhos/cm; saline phase 8 to 16 mmhos/cm. The effervescence is slightly to violently. The reaction is pH 6.6 to 9.0.

Regarding the C3 horizon, the hue is 10YR, 2.5Y, or 5Y. The value is 5, 6, or 7 dry; 4, 5, or 6 moist. The chroma is 2, 3, or 4. The texture is sandy loam or fine sandy loam consisting of thin layers of loam, sandy loam, silt loam, loamy sand, loamy fine sand, and occasionally clay loam. The clay content is 5 to 18 percent. The rock fragments are 0 to 15 percent pebbles. The EC is 0 to 25 mmhos/cm; saline phase 8 to 25 mmhos/cm. The effervescence is slightly to violently. The reaction is pH 7.4 to 9.0.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A, C1, and C2 horizons. According to the NRCS soil series description, the soil profile is strongly calcareous throughout

Taxonomic Class - Coarse-loamy, mixed, superactive, calcareous, frigid Aridic Ustifluvents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - Marginal pH was found at depths of 31-45 and 45-60 inches. An estimated stripping depth is 31 inches based on laboratory analysis.

<u>Geographic Setting (According to official series description)</u> – The landforms are flood plains, stream terraces, and drainageways. The elevation is 1,900 to 5,000 feet. The range elevation is 6000 feet in MLRA 44. The slope is 0 to 8 percent. The parent material is stratified loamy calcareous alluvium. The climate is long, cold winters; moist springs; and hot, dry summers. The mean annual precipitation is 10 to 16 inches, most of which falls in the spring and early summer. The mean annual air temperature is 39 to 45 degrees F. The range mean annual air temperature is to 38 degrees in MLRA 44. The frost-free period is 90 to 135 days.



ROCK RIVER SERIES SANDY LOAM

Soil Mapping Unit "RR" Lab/BKS Sample ID: G07120056_51 Typical Pedon: Rock River sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Light brownish gray (10YR 6/2) sandy loam, moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.2); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

AC - 3 to 12 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; neutral (pH 7.2); noneffervescent; clear smooth boundary.

C1 - 12 to 24 inches. Yellowish brown (10YR 5/4) sandy loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; mildly alkaline (pH 7.2); noneffervescent; clear smooth boundary. (The C1 horizon is 8 to 20 inches thick.)

C2k - 24 to 36 inches. Yellowish brown (10YR 5/4) sandy loam – sandy clay loam, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; moderately alkaline (pH 8.1); strongly effervescent; clear smooth boundary. (0 to 8 inches thick)

C3k - 36 to 48 inches. Light brownish gray (10YR 6/2) loamy sand, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; moderately alkaline (pH 8.0); strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 51 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) - Depth to continuous



horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and C1 horizons. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 12 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



GLENDIVE SERIES SANDY LOAM

Soil Mapping Unit "Gl" Lab/BKS Sample ID: G07120056_52 Typical Pedon: Glendive sandy loam, in cropland (colors are for dry soil unless otherwise noted).

The Glendive series consists of very deep, moderately well or well drained soils that formed in stratified loamy calcareous alluvium. These soils are on flood plains and stream terraces. Slopes are 0 to 8 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 5 inches. Grayish brown (10YR 5/2) sandy loam, moist; weak fine granular structure; very hard, friable, slightly sticky and plastic; many very fine roots; slightly acid (pH 6.5); noneffervescent; clear smooth boundary. (3 to 8 inches thick)

C1 - 5 to 23 inches. Grayish brown (10YR 5/2) sandy loam, moist; weak medium subangular blocky structure; very hard, friable, sticky and plastic; many very fine roots; many very fine pores; slightly alkaline (pH 7.4); noneffervescent; gradual smooth boundary. (0 to 10 inches thick)

C2 - 23 to 34 inches. Light brownish gray (10YR 6/2) sandy loam, moist; weak coarse prismatic structure; slightly hard, friable, sticky and plastic; common very fine roots; common very fine pores; slightly alkaline (pH 7.7); noneffervescent; gradual smooth boundary.

C3 - 34 to 42 inches. Light brownish gray (10YR 6/2) loam that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; moderately alkaline (pH 8.1); noneffervescent.

C4 - 42 to 54 inches. Light brownish gray (10YR 6/2) sandy loam that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; moderately alkaline (pH 8.4); noneffervescent.

C5 - 54 to 60 inches. Light brownish gray (10YR 6/2) clay loam that consists of thin layers of loam, sandy loam and loamy fine sand, moist; massive; slightly hard, very friable, slightly sticky and slightly plastic; common fine roots grading to few in lower part; common fine pores; moderately alkaline (pH 8.2); strongly effervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 52 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) – The soil temperature is



42 to 47 degrees F. The range soil temperature is to 40 degrees in MLRA 44. The moisture control section is between 8 and 24 inches; dry in all parts between four-tenths and five-tenths of the cumulative days per year when the soil temperature at a depth of 20 inches is 41 degrees F or higher. The soil phases are channeled, flooded, high elevation, nonflooded, gravelly substratum, sandy surface, warm, and moderately wet, saline. Regarding the Ap horizon, the hue is 10YR, 2.5Y, or 5Y. This horizon with values of 4 or 5 dry, 3 moist and chroma of 2 or 3 may meet the requirements for mollic except for thickness. The value is 4, 5, or 6 dry; 3, 4, or 5 moist. The chroma is 2 or 3. The texture is loam, silt loam, fine sandy loam, sandy loam, loamy fine sand, and silty clay loam. The clay content is 5 to 35 percent clay. The EC is 0 to 8 mmhos/cm and saline phase 4 to 8 mmhos/cm. The effervescence is none to violently. The reaction is pH 6.6 to 9.0. Regarding the C1, C2 horizons, the hue is 10YR, 2.5Y, or 5Y. The value is 5, 6, or 7 dry; 4, 5, or 6 moist. The chroma is 2, 3, or 4. The texture is loam, silt loam, sandy loam, and fine sandy loam. The clay content is 5 to 18 percent. The rock fragments are 0 to 15 percent pebbles. The EC is 0 to 16 mmhos/cm and saline phase 8 to 16 mmhos/cm. The effervescence is slightly to violently. The reaction is pH 6.6 to 9.0. Regarding the C3 horizon, the hue is 10YR, 2.5Y, or 5Y. The value is 5, 6, or 7 dry; 4, 5, or 6 moist. The chroma is 2, 3, or 4. The texture is sandy loam or fine sandy loam consisting of thin layers of loam, sandy loam, silt loam, loamy sand, loamy fine sand, and occasionally clay loam. The clay content is 5 to 18 percent. The rock fragments are 0 to 15 percent pebbles. The EC is 0 to 25 mmhos/cm and saline phase 8 to 25 mmhos/cm. The effervescence is slightly to violently. The reaction is pH 7.4 to 9.0

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A horizon. According to the NRCS soil series description, the soil profile is strongly calcareous throughout.

Taxonomic Class - Coarse-loamy, mixed, superactive, calcareous, frigid Aridic Ustifluvents

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 5 inches due to the presence of the C horizon.

<u>Geographic Setting (According to official series description)</u> – The landforms are flood plains, stream terraces, and drainageways. The elevation is 1,900 to 5,000 feet. The range elevation is to 6000 feet in MLRA 44. The slope is 0 to 8 percent. The parent material is stratified loamy calcareous alluvium. The climate is long, cold winters; moist springs; and hot, dry summers. The mean annual precipitation is 10 to 16 inches, most of which falls in the spring and early summer. The mean annual air temperature is 39 to 45 degrees F. The range mean annual air temperature is to 38 degrees in MLRA 44.

The frost-free period is 90 to 135 days.



ROCK RIVER SERIES NONCALCAREOUS VARIANT

Soil Mapping Unit "RR-NC"

Lab/BKS Sample ID: G07120056_53

Typical Pedon: Rock River noncalcareous variant-rangeland. (Colors are for dry soil unless otherwise stated.)

The Rock River noncalcareous variant series consists of very deep, well drained soils that formed in calcareous alluvium derived mainly from sandstone, eolian deposits, and residuum. Rock River soils are on alluvial fan aprons, relict terraces, benches, hillslopes, and areas of valley fill. Slopes are 0 to 25 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Light brownish gray (10YR 6/2) loam, dark moist; hard crust that parts to weak fine granular; hard, very friable, slightly sticky and slightly plastic; many fine and medium roots; slightly acid (pH 6.5); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt1 - 3 to 15 inches. Yellowish brown (10YR 5/4) clay loam, moist; weak medium prismatic structure parting to moderate medium angular blocky; hard, firm sticky and plastic; few fine and many medium roots; continuous thin clay films on faces of peds; neutral (pH 6.9); noneffervescent; clear smooth boundary.

Bt2 - 15 to 28 inches. Yellowish brown (10YR 5/4) loam, moist; moderate medium prismatic structure parting to moderate fine and medium angular blocky; hard, firm, sticky and plastic; few coarse roots; continuous, thin clay films on faces of peds; slightly alkaline (pH 7.5); noneffervescent; clear smooth boundary. (The Bt horizon is 8 to 20 inches thick.)

C1 - 28 to 40 inches. Yellowish brown (10YR 5/4) sandy loam, moist; weak medium angular blocky structure; slightly hard, friable, slightly sticky and slightly plastic; common thin clay films on faces of peds; lime as many fine and medium soft masses and threads; 10 percent pebbles 1/4 to 3/4 inch in diameter; slightly alkaline (pH 7.6); noneffervescent; clear smooth boundary. (0 to 8 inches thick)

C2 - 40 to 45 inches. Light brownish gray (10YR 6/2) sandy loam, moist; massive; soft, very friable, nonsticky and nonplastic; lime as many soft masses; many fine soft masses and threads of secondary calcium carbonate; 15 percent lime-coated angular gravel 1/4 to 3/4 inch in diameter; moderately alkaline (pH 7.9); noneffervescent.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 53 on map included in this report.

<u>Range in Soil Characteristics (According to Official Series Description)</u> - Depth to continuous horizons of calcium carbonate accumulation is 13 to 30 inches. Depth to the base of the argillic



horizon is 12 to 34 inches. The mean annual soil temperature ranges from 43 to 46 degrees F., and the mean summer soil temperature ranges from 59 to 65 degrees F. EC is less than 4 mmhos throughout. The rock fragments in the soil are less than 3/4 inch in diameter.

The A horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 3 through 5 moist, and chroma of 2 through 4. Reaction is neutral through moderately alkaline.

The Bt horizon has hue of 2.5Y through 7.5YR, value of 4 through 6 dry, 4 or 5 moist, and chroma of 2 through 6. Texture is sandy clay loam or gravelly sandy clay loam, averaging 20 to 35 percent clay and has more than 35 percent fine or coarser sand. Rock fragments range from 0 to 25 percent pebbles. Reaction is neutral through moderately alkaline.

The Bk horizon has hue of 2.5Y through 7.5YR, value of 5 through 8 dry, 4 through 7 moist, and chroma of 2 through 6. Texture is sandy clay loam, sandy loam, or fine sandy loam modified with from 0 to 30 percent pebbles. Some pedons have textures of loamy sand or coarser below 40 inches. It has accumulation of secondary calcium carbonate that ranges from 1 through 14 percent. Reaction is moderately or strongly alkaline. Some pedons have a C horizon.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous throughout. According to the NRCS soil series description, the soil profile is strongly to violently calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 28 inches due to the presence of the C horizon.

<u>Geographic Setting (According to Official Series Description)</u>: Rock River soils are on alluvial fans, fan aprons, benches, hillslopes, and toeslopes. The soils formed in material weathered from calcareous sandstone, eolian deposits, and residuum. Slopes are 0 to 25 percent. Elevation is 5,900 to 7,800 feet. The mean annual precipitation ranges from 10 to 14 inches of which about half falls as snow or rain in April, May, and early June. The mean annual temperature is about 41 to 45 degrees F., and the mean summer temperature is 59 to 63 degrees F. The frost-free season is about 75 to 110 days but varies according to aspect, elevation, and air drainage.



FORELLE SERIES SANDY LOAM

Soil Mapping Unit "F" Lab/BKS Sample ID: G07120056_54 Typical Pedon: Forelle fine silt loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Forelle series consists of very deep, well drained soils on fan aprons, fan piedmonts, hillslopes, and hill toeslope positions. These soils formed in alluvium and slope alluvium derived from sedimentary rocks, primarily shale. Slopes are typically simple and range from 0 to 30 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 4 inches. Light brownish gray (10YR 6/2) silt loam, moist; strong fine granular structure; soft, very friable, nonsticky and nonplastic; 5 percent fine, semirounded pebbles; neutral (pH 7.0); noneffervescent; clear smooth boundary. (1 to 5 inches thick)

B - 4 to 15 inches. Brown (10YR 5/3) silt loam, moist; weak medium prismatic structure parting to moderate medium subangular blocky; hard, very friable, slightly sticky and slightly plastic; few, thin clay films on faces of some peds; 5 percent fine semirounded pebbles; moderately alkaline (pH 8.0); noneffervescent; clear smooth boundary. (2 to 5 inches thick)

BC - 15 to 21 inches. Brown (10YR 5/3) silty clay loam, moist; moderate medium prismatic structure parting to moderate medium subangular blocky; very hard, friable, slightly sticky and slightly plastic; continuous thin clay films on faces of peds and lining pores and root channels; 5 percent fine semirounded pebbles; moderately alkaline (pH 8.4); moderately effervescent; clear wavy boundary. (7 to 15 inches thick)

C1 - 21 to 42 inches. Pale brown (10YR 6/3) silty clay loam, moist; weak medium prismatic structure parting to weak medium subangular blocky; hard, friable, slightly sticky and slightly plastic; few thin clay films on faces of some peds and in some root channels; common soft masses of lime; 5 percent fine, semirounded pebbles; moderately alkaline (pH 8.4); moderately effervescent; gradual smooth boundary. (3 to 6 inches thick)

C2k - 42 to 49 inches. Light yellowish brown (2.5Y 6/4) clay loam, moist; massive; hard, friable, slightly sticky and slightly plastic; lime is disseminated and as common soft, rounded masses; 10 percent fine, semirounded pebbles; moderately alkaline (pH 8.3); strongly effervescent; gradual smooth boundary. (15 to 30 inches thick)

C3 - 49 to 58 inches. Light yellowish brown (2.5Y 6/4) sandy loam, moist; massive; hard, friable, slightly sticky and slightly plastic; lime is disseminated and as common soft, rounded masses; 10 percent fine, semirounded pebbles; moderately alkaline (pH 8.2); weak effervescent; gradual smooth boundary. (15 to 30 inches thick)



<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 54 on map included in this report.

Range in Characteristics (According to Official Series Description) - The mean annual soil temperature is 41 to 45 degrees F. The mean annual summer soil temperature is 59 to 63 degrees F. The depth to base of argillic horizon is 12 to 25 inches. The depth to secondary calcium carbonate is 12 to 25 inches. The rock fragment content of the entire soil to 60 inches. Note: 15 percent or less when averaged with pebbles ranging from 0 to 15 percent and cobble from 0 to 5 percent. The EC is less than 2 mmhos throughout. Regarding the A horizon, the hue is 7.5YR through 5Y. The value is 5 through 7 dry and 3 through 6 moist. The chroma is 2 through 4 dry or moist. The texture is fine sandy loam or loam. The reaction is neutral through moderately alkaline. Regarding the Bt horizon, the hue is 7.5YR through 5Y. The value is 4 through 7 dry and 3 through 6 moist. The chroma is 2 through 6 dry or moist. The texture is loam, clay loam, or sandy clay loam with 18 to 35 percent clay and more than 15 but less than 35 percent fine sand or coarser. The reaction is neutral through moderately alkaline. Regarding the Btk and Bk horizon, the hue is 7.5YR through 5Y. The value is 6 through 8 dry and 4 through 7 moist. The chroma is 1 through 6 dry or moist. The texture is loam, clay loam, sandy clay loam, and less commonly sandy loam with 18 to 30 percent clay; clay size carbonates may make up to 5 percent of the clay fraction. The calcium carbonate equivalent is 4 to 15 percent. The reaction is moderately or strongly alkaline. Regarding the c horizon, the hue is 7.5YR through 5Y. The value is 5 through 7 dry and 4 through 6 moist. The chroma is 2 through 6 dry or moist. The texture is loam, clay loam, sandy clay loam, or sandy loam with 18 to 30 percent clay. The reaction is slightly through strongly alkaline. The calcium carbonate equivalent is 1 to 6 percent.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and B horizon, moderately calcareous in the BC and C1 horizons, and strongly in C2k horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizon and slightly calcareous in the C horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Haplargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> – Marginal EC (Conductivity) was found at depths of 42-49 and 49-58 inches. Unsuitable SAR parameter was found at depths of 15-21, 21-42, 42-49, and 49-58. An estimated stripping depth is 15 inches based on laboratory analysis.

<u>Geographic Setting (According to Official Series Description)</u> - The parent material is alluvium and slope alluvium derived from shale interbedded with sandstone and siltstone. The landform is fan aprons, fan piedmonts, hillslopes, and hill toeslopes. The slopes are 0 to 30 percent. The elevation is 5,300 to 7,800 feet. The mean annual precipitation is 12 inches but ranges from 9 to 14 inches of which about half falls as rain or snow in April, May and early June. The mean annual temperature: 39 to 45 degrees F. The frost-free period is 75 to 110 days depending upon elevation, aspect, and air drainage.



CUSHOOL SERIES SANDY LOAM

Soil Mapping Unit "Cu" Lab/BKS Sample ID: G07120056_56 Typical Pedon: Cushool sandy loam-rangeland. (Colors are for dry soil unless otherwise stated.)

The Cushool series consists of well drained soils that are moderately deep to soft sandstone. They formed in slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. Cushool soils are on rock-controlled hills, pediments, structural benches, ridges, and short fan aprons. Slopes are 0 to 50 percent. The mean annual precipitation is 10 to 12 inches, and the mean annual temperature is about 38 degrees Fahrenheit.

A - 0 to 3 inches. Grayish brown (10YR 5/2) sandy loam, moist; moderate fine granular structure; soft, very friable, nonsticky and nonplastic; common fine and very fine roots; neutral (pH 6.6); noneffervescent; clear smooth boundary. (2 to 6 inches thick)

Bt - 3 to 22 inches. Brown (10YR 5/3) sandy loam - sandy clay loam, moist; moderate medium subangular blocky structure parting to moderate medium granular; slightly hard, very friable, slightly sticky and slightly plastic; common fine and medium roots; few distinct clay films on faces of peds and inside root channels; neutral (pH 7.2); noneffervescent; clear smooth boundary.

C1- 22 to 29 inches. Brown (10YR 5/3) sandy loam, moist; weak medium subangular blocky structure; hard, firm, slightly sticky and slightly plastic; few fine roots; few distinct clay films on faces of peds and in root channels; calcium carbonate as common fine and medium soft masses and filaments; slightly alkaline (pH 7.6); moderately effervescent gradual wavy boundary. (0 to 8 inches thick)

C2k - 29 to 37 inches. Pale brown (10YR 6/3) sandy loam, moist; massive; slightly hard, friable, nonsticky and nonplastic; calcium carbonate as common fine and medium soft masses and thin filaments and threads; slightly alkaline (pH 7.6); strongly effervescent, clear wavy boundary.

<u>Type Location</u> - Sweetwater County, Wyoming; refer to waypoint 56 on map included in this report.

Range in Soil Characteristics (According to Official Series Description) -

The mean annual soil temperature ranges from 41 to 47 degrees F. The mean summer temperature is from 59 to 63 degrees F. Depth to calcic horizon is 11 to 34 inches. Depth to paralithic contact is 20 to 40 inches (shale interbedded with sandstone). These soils are typically free of carbonates through the upper part of the Bt horizon. Rock fragments range from 0 to 30 percent throughout the whole soil and are pebbles or channers. Exchangeable sodium ranges from 0 to 15 percent throughout the argillic horizon and Bk horizons. EC ranges from 0 to 4 mmhos throughout. Regarding A horizon, the hue is 7.5YR to 5Y. The value is 4 through 7 dry



and 3 through 5 moist. The chroma is 2 through 6 dry or moist. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline. Regarding the Bt horizon, the hue is 7.5YR to 5Y. The value is 4 through 6 dry and 3 or 4 moist. The chroma is 2 through 6 dry or moist. The texture is sandy clay loam, fine sandy loam, or sandy loam with 18 to 35 percent clay, 0 to 28 percent silt, and 45 to 80 percent sand with more than 35 percent being fine sand or coarser. The calcium carbonate equivalent is 0 to 5 percent. The reaction is neutral through moderately alkaline. The Btk horizon when present is moderately or strongly alkaline. Regarding the Bk horizon, the hue is 7.5YR to 5Y. The value is 5 through 7 dry and 4 through 7 moist. The chroma is 2 through 6 dry or moist. The texture is loamy fine sand, sandy loam, and fine sandy loam. The calcium carbonate equivalent is 5 to 15 percent. The reaction is moderately or strongly alkaline. A thin C horizon is present in some pedons.

<u>Range in Characteristics (according to field observations, lab analysis)</u>: This soil profile is noncalcareous in the A and B horizon. According to the NRCS soil series description, the soil profile is strongly calcareous in the B horizon.

Taxonomic Class - Fine-loamy, mixed, superactive, frigid Ustic Calciargids

<u>Suitability for Topsoil (According to WDEQ Guideline 1)</u> - No marginal or unsuitable parameters were found according to Guideline 1. The estimated stripping depth is 22 inches due to the change in effervescent in the C horizon.

<u>Geographic Setting (According to official series description)</u> – The parent material is slope alluvium and colluvium over residuum weathered from sandy shale and sandstone. The landform is rock-controlled hill and ridge slopes, fan aprons, pediments, and structural benches. The slopes are 0 to 50 percent, and the elevations are 5,300 to 7,800 feet. The mean annual precipitation is about 12 inches, but it ranges from 9 to 14 inches of which about half falls as snow and rain in April, May, and early June. The mean annual temperature is about 41 degrees F. and ranges from 39 to 45 degrees F. The frost-free season is 75 to 110 days depending upon elevation, aspect, and air drainage.



ADDENDUM 3.3-D

LABORATORY RESULTS

Antelope and JAB Uranium Project License Application, Environmental Report Section 3.3 - Geology, Soils, and Seismology URANIUM ONE AMERICAS

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602 Toll Free 889.225.0515 • 307.225.0515 • Fax 307.234.1639 • casper@energyiab.com • www.energyiab.com



LABORATORY ANALYTICAL REPORT

Client:	Uranium	One Americas										Rep	ort Date: (2/01/08	
Project:		rgy Metals-Antelo	DĈ									Date 1	Received:	2/01/07	
Workorder:	C0712002		P0												
	. <u></u>	Analysis	EC SatPst	Saturation SatPst	pH SatPst	Ca SatPst	Mg SatPst	Na SatPst	SAR	Se- ABDTPA	B-CACL2	Sand	Silt	Clay	Texture
		Units	mmhos/cm	%	su	meg/L	meq/L	meq/L	unitless	mg/kg-dry	mg/kg-dry	%	%	%	
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
C07120023-001	117.	0-3	0.51	46.8	6.9	2.4	1.3	0.46	0.34	0.008	0.46	63	22	15	SL
C07120023-002		3-13	0.25	36.4	7.4	1.4	0.71	0.21	0.21	0.006	0.31	77	13	10	SL
C07120023-003		13-22	0.26	30.4	8.1	1.2	0.68	0.65	0.68	< 0.005	< 0.20	81	13	6.0	LS
C07120023-004		22-34	0.24	62.2	8.4	1.1	0.63	0.60	0.65	0.005	< 0.20	87	10	3.0	S
C07120023-005		34-50	0.17	33.1	8.2	0.81	0.44	0.40	0.51	· < 0.005	< 0.20	87	8.0	5.0	LS
C07120023-008		0-10	0.33	34.4	7.7	1.9	0.89	0.38	0.32	0.005	0.46	75	18	7.0	SL
C07120023-000		10-16	0.25	41.0	6.9	1.6	0.71	0.30	0.28	0.007	0.42	69	18	13	SL
C07120023-008		16-28	0.38	41.7	6.9	2.2	1.1	0.46	0.35	0.010	0.33	70	16	-14	SL
C07120023-009		28-43	0.30	46.9	7.0	1.1	0.59	0.45	0.49	0.007	0.24	60	28	12	SL
C07120023-010		43-60	0.36	37.8	7.3	1.2	0.3	1.9	2.23	0.006	< 0.20	80	12	8.0	LS
C07120023-011		0-6	0.25	27.3	7.4	1.1	0.5	:0.3	0.38	< 0.005	0.21	70	20	10	SL
C07120023-011		6-18	0.23	29.4	7.4	1.4	0.6	0.4	0.44	< 0.005	0.24	68	18	14	SL
C07120023-012		18-25	0.32	35.0	7.6	1.7	0.7	0.5	0.48	< 0.005	0.37	58	27	15	SL
C07120023-013		0-20 0-5	0.32	25.5	7.4	1.3	0.6	0.6	0.60	0.006	< 0.20	76	16	8.0	SL
C07120023-014		5-20	0.28	27.4	7.4	1.3	0.8	0.5	0.53	< 0.005	0.22	78	12	10	SL
		20-27	0.48	27.8	7.8	2.6	1.1	0.8	0.61	< 0.005	0.21	86	5.0	9.0	LS
C07120023-016		20-27	0.46	.36.7	7.2	2.0	0.9	0.3	0.28	0.005	0.60	58	27	15	SL
C07120023-017		0-7 7-19	0.45	47.0	7.8	1.9	0.8	0.5	0.40	< 0.005	1.0	68	18	18	SL
C07120023-018		7-19 19-37	0.36	47.0 54.0	7.8	3.5	1.4	0.5	0.54	0.003	0.65	57	20	23	SCL
C07120023-019		37-52		46.9	7.4	2.8	1.4	0.8	0.54	0.012	0.40	66	13	21	SCL
C07120023-020		37-52 52-60	0.47 0.32	46.9	7.3	2.0 1.5	0,6	0.8	0.68	< 0.005	< 0.20	78	12	10	SL
C07120023-021					7.4	2.1	1	0.4	0.00	< 0.005	0.34	62	12	6.0	LS
C07120023-022		0-3	0.42	29.8										12	SL
C07120023-023		3-9	0.24	35.1	7.5	1.3	0.6	0.4	0.38	0.006	0.33	80	8.0		
C07120023-024		9-14	0.25	29.0	8.1	1.2	0.5	0.5	0.55	0.028	0.21	86 [.] 70	6.0	8.0	.LS SL
C07120023-025		0-3	0.63	34.8	6.6	2.8	1.2	0.3	0.22	0.006	0.53		17	13	SL
C07120023-026		3-11	0.26	36.0	7.1	1.1	0.5	0.4	0.43	0.007	0.41	63	19	18	
C07120023-027		11-19	0.28	41.8	7.0	1.2	0.6	0.5	0.52	0.005	0.32	68	12	22	SCL
C07120023-028		19-27	0.29	34.5	7.0	1.2	0.6	0.6	0.62	< 0.005	0.27	76	6.0	18	SL
C07120023-029		27-43	0.34	30.1	7.2	1.4	0.7	0.7	0.72	< 0.005	< 0.20	74	10	16	SL
C07120023-030		43-60	0.39	45.6	7,5	1.6	0.8	0.8	0.70	0.0097	0.25	78	6.0	16	SL
C07120023-031		0-4	0.44	33.7	8.3	1.7	0.9	1.0	0.93	0.014	0.36	82	10	8.0	LS
C07120023-032		4-15	0.37	44.2	8.0	1.7	0.8	0.8	0.67	0.0092	0.36	82	4.0	14	SL
C07120023-033		15-27	0.44	34.8	8.1	2.3	1.0	0.7	0.55	0.0050	0.22	85	5.0	10	LS
C07120023-034		0-5	0.30	42.0	7.4	1.4	0.0	0.9	0.88	0.0096	0.47	68	12	20	SL - SC
C07120023-035		5-14	0.27	44.9	7.3	1.2	0.5	1.1	1.16	0.011	0.35	69	11	20	SL - SC
C07120023-036		14-19	0.46	61.8	7.5	1.4	0.6	2.7	2.65	0.012	0.32	61	14	25	SCL
C07120023-037	144	0-6	0.36	36.9	8.2	1.7	0.7	0.6	0.55	0.0051	0.36	71	. 15	14	SL
C07120023-038	144	6-19	0.34	33.3	8.1	1:5	0.6	Ó.7	0.68	< 0.0050	0.22	89	3.0	. 8.0	LS
C07120023-039	145	0-6	0.27	36.5	7.8	1.4	0.6	0.4	0.40	0.0060	0.34	76	8.0	16	SL.
C07120023-040	145	6-15	0.30	40.9	8.0	1.1	Ó.5	0.4	0.45	0.0074	0.25	86	4.0	10	LS

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Client: Project: Workorder:

Sample ID

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				LABORATORY ANALYTICAL REPORT	ENER
Uranium On 448a Energy C07120023	e Americas Metals-Antelop) E		Report Date: 02/01/08 Date Received: 12/01/07	
	Analysis Units	Coarse. Frags %	Organic Matter %		ENERGY LABORATORIES, NIC. • 2393 Sail Creek Highway (82601) - P.O. Box 3259 Toll Free 888 235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • P
Client Sample ID	Depth	Results	Results		0.23
01 112a	0-3	< 1.0	1.5		5.0
02 112a	3-13	< 1.0	0.7		Sig
03 112a	13-22	3.8	0.3		170
04 112a	22-34	1.6	0.2	· · · ·	22
05 112a	34-50	2.7	0.2	·	2.5
06 114	0-10	4.2	1.8		35.1
07 114	10-16	2.1	2.1		86
08 114	16-28	1.7	1.2		15
09 114	28-43	1.9	0.7		: 23
10 114	43-60	2.0	0.4		a a
11 115	0-6	1.2	0.8	·	Salt Salt
12 115 13 115	6-18 18-25	2.6 6.6	0.5		22
14 116	0-5	6.6 < 1.0	0,6		. 34
15 116	5-20	< 1.0	0.5		16
16 116	20-27	4.7	0.3		39
17 117	0-7	< 1.0	1.3		- Ma
18 117	7-19	< 1.0	1.3		as a
19 117	19-37	< 1.0	1.0		26
20 117	37-52	1.5	1.4		6
21 117	52-60	< 1.0	0.3		976
22 126	0-3	1.1	1.4		j ĝ o
23 126	3-9	3.4	1.0		ia B
24 126	9-14	7.5	0.5		22
25 127	0-3	1.5	2.5		3 23
26 127	3-11	2.2	1.4		* 00
27 127	11-19	1.9	0.9		30
28 127	19-27 27-43	1.7	0.6 0.3		en
29 127 30 127	43-60	3.2 1.1	0.5		ie ci
31 128	43-00	1.2	1.8		14
32 128	4-15	< 1.0	0.9		0.4
33 128	15-27	4.9	0.6		• Casper, WY 82602 www.energy/ab.com
34 134	0-5	2.0	1.7		26
35 134	5-14	2.4	1.5		
36 134.	14-19	4.5	1.2		
37 144	0-6	6.2	1.7		ł
38 144	6-19	1.9	0.4		
39 145	0-6	2.2	1.3		
40 145	6-15	1.8	0.6		1

Section 3.3 - Geology, Soils, and Seismology

Antelope and JAB Uranium Project

License Application, Environmental Report

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Client:	Uranium One	Americas										Rep	ort Date: 0	2/01/08	
Project:	448a Energy I		ne									Date F	Received: 1	2/01/07	
-		ALCIAIS-FULLCIO	pe -									DALLI			
Workorder:	C07120023	•													
		Analysis	EC SatPst	Saturation SatPst	pH SatPst	Ca SatPst	Mg SaiPst	Na SatPst	SAR	Se- ABDTPA	B-CACL2	Sand	Silt	Clay	Textur
		Units	mmhos/cm	%	s_u_	meq/L	meq/L	meq/L	unitless	mg/kg-dry	mg/kg-dry	%	%	%	
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Result
07120023-041	147	0-4	0.31	41.2	7.8	1.5	0.6	0.4	0.37	0.0065	0.44	68	17	15	SL
07120023-042	147	4-11	0.23	36.0	7.8	1.0	0.4	0.3	0.36	0.0084	0.32	68	18	14	SL
07120023-043	147	11-24	0.21	35.2	7.7	0.9	0.4	0.3	0,38	0.0096	0.34	60	22	18	SL
07120023-044	147	24-36	0.19	41.0	7.4	0.8	0.4	0,3	0.34	0.0071	0.29	66	18	18	SL
07120023-045	147	36-42	0.21	43.1	7.3	0.9	. 0.4	0.4	0.45	0.0075	0.28	68	10	22	SCL
07120023-046	147	42-48	0.37	32.0	7.3	1.1	0.5	0.5	0.50	0.0054	< 0.20	76	10	14	SL
07120023-047	147	48-60	0.28	43.5	7.3	1.2	0.6	0.5	0.51	0.0058	< 0.20	69	14	17	SL
07120023-048	158	0-3	0.26	44.1	7.9	1.3	0.5	0.3	0.35	0.0060	0.25	85	6.0	9.0	LS
07120023-049	158	3-13	0,17	47.1	7.8	0.7	0,3	0.4	0.53	< 0.0050	< 0.20	89	3.0	8.0	LS
07120023-050	163	0-4	0.27	34.6	7.4	1.7	0.6	0.2	0.22	0.007	0.29	89	4.0	7.0	S
07120023-051		4-13	2.82	52.3	7.5	26.4	9.4	2.2	0.53	< 0.005	.0.27	79	12	9.0	SL
07120023-052		13-22	3.30	137	7.7	27.2	12.1	4.7	1.06	< 0.005	0.28	81	8.0	11	SL
07120023-053		22-38	0.86	35.0	8.1	4.2	1.9	0.8	0.45	< 0.005	0.26	86	6.0	8.0	LS
07120023-054		38-48	3.27	79.1	8.1	28.0	12.2	4.2	0.93	< 0.005	0.26	90	5.0	5.0	S
07120023-055		0-2	0.82	37.1	8.6	3.7	1.2	0.5	0.35	< 0.005	< 0.20	77	12	11	SL
07120023-056	167a	2-12	0.45	36,9	8.6	. 2.9	0.8	0.6	0.45	< 0.005	0.31	91	3.0	6.0	S
07120023-057		0-9	0.86	44.3	8.2	5.4	2.3	0.8	0.42	< 0.005	< 0.20	79	8.0	13	SL
07120023-058	168	9-18	3.12	65.8	7.9	28.5	10.9	3.4	0.77	< 0.005	0.64	72	16	12	SL
07120023-059	168	18-24	3.32	121	7.9	27.3	11.8	4,6	1.04	< 0.005	0.50	74	13	13	51.
07120023-060		0-3	0.42	37.4	8.1	1.6	0.5	0.3	0.26	0.008	0.27	79	12	9.0	· SL
07120023-061		3-11	0.22	40.1	7.8	1.2	0.5	0.3	0.29	0.005	0.21	79	8.0	13	SL
07120023-062		11-14	0.31	43.5	7.6	1.5	0.8	0.5	0.46	< 0.005	0.26	73	9.0	18	SL
07120023-063		14-20	0.45	60.6	7.9	2.6	1.3	0.7	0.49	< 0.005	0.43	57	10	33	SCL
07120023-064		0-3	0.57	41.3	8.5	2.9	1,3	0.4	0.27	< 0.005	0.34	78	11	11	SL
07120023-065	- , -	3-7	0.27	42.8	8.1	1.5	0.7	0.4	0.40	< 0.005	0.43	68	14	18	SL
07120023-066		7-13	2.70	86.2	7.8	24.4	9.4	2.7	0.64	< 0.005	0.23	70	12	18	SL
07120023-067		0-3	0.58	30.4	8.7	2.2	1.2	0.5	0.41	< 0.005	< 0.20	84	12	4.0	LS
07120023-068		3-19	0.29	31.3	8.6	1.3	0.6	0.6	0.57	< 0.005	0.38	78	12	10	SL
07120023-069		0-3	0.47	33.4	8.4	1.9	0.8	0.4	0.36	< 0.005	0.28	86	9.0	5.0	LŞ
07120023-070		3-15	0.24	30.3	8.3	1.2	0.5	0.5	0.51	0.006	< 0.20	76	14	10	SL
07120023-071		15-29	0.32	34.9	8.4	1.3	0.7	1	0.96	< 0.005	< 0.20	78	10	12	SL
07120023-072		29-39	0.42	28.4	8.7	1.3	0.7	2.0	2.05	< 0.005	0.20	79	11	10	SL
07120023-073		0-3	0.58	34.4	8.2	2.7	1.3	0.4	0.30	< 0.005	0.36	88	6.0	6.0	LS
07120023-074		3-15	0.28	32.8	8.1	1.6	0.7	0.4	0.35	< 0.005	0.47	72	16	12	SL
207120023-075		15-29	0.60	35.8	8.6	2.7	1.4	1.1	0.74	< 0.005	0.33	83	7.0	10	LS
07120023-076		0-5	0.52	48,9	8.5	2.3	1.2	0.6	0.47	0.014	0.82	75	14	11	SL
07120023-077		5-18	0.25	45.6	8.1	1.1	0.5	0.3	0.33	0.011	0.53	69	15	16	SL
07120023-078		18-34	0.32	45.0	8.4	1.4	0.7	0:5	0.50	0.009	0.50	78	11	11	SL
207120023-079		34-43	0.23	28.0	8.1	1	0.4	0.3	0.39	0.007	0.29	81	8.0	11	SL
07120023-080		43-56	0.29	37.3	8.0	1.2	0.5	0.4	0.42	0.007	< 0.20	71	15	14	SL

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-7-TRACK# C07120023

Section 3.3 - Geology, Soils, and Seismology Antelope and JAB Uranium Project License Application, Environmental Report URANIUM ONE AMERICAS



Client:	Uranium On	e Americas						Report Date: 02/01/08	
Project:	448a Energy	Metals-Antelo	e					Date Received: 12/01/07	
Workorder:	C07120023	-							
		Analysis	Coarse	Organic	······		 	·····	
		Analysis	Frags	Matter					
		Units	%	%					
Sample ID	Client Sample ID	Depth	Results	Results					
C07120023-041	47	0-4	1.6	2.8			 		
C07120023-042	47	4-11	1.1	1.3					
C07120023-043	47	11-24	1.6	1.2					
C07120023-044	47	24-36	< 1.0	0.9					
C07120023-045		36-42	< 1.0	1.0		,			
C07120023-046	47	42-48	1.3	0.6					
C07120023-047	47	48-60	2.1	1.1					
C07120023-048		0-3	5.9	1.2					
C07120023-049		3-13	8.0	0.4					
C07120023-050		0-4	< 1.0	1.4					
C07120023-051		4-13	< 1.0	0.7					
C07120023-052		13-22	< 1.0	0.7					
C07120023-053		22-38	< 1.0	0.6					
C07120023-054		38-48	< 1.0	0.7					
C07120023-055		0-2 2-12	1.4	1.8					
C07120023-056 C07120023-057		2-12	6.7 1.4	0.8 2.0					
C07120023-058		9-18	1.4	0.7					
C07120023-059		18-24	7.0	0.2					
C07120023-060		0-3	1.2	1.2					
C07120023-061		3-11	1.9	0.7					
C07120023-062		11-14	16	< 0.2	,				
C07120023-063		14-20	11	0.2					
C07120023-064		0-3	2.9	1.3					
C07120023-065		3-7	1.5	0.6					
C07120023-066		7-13	1.2	< 0.2					
C07120023-067		0-3	6.0	0.5					
C07120023-068	73	3-19	6.0	< 0.2					
C07120023-069		0-3	5.4	1.1					
C07120023-070	74	3-15	4.9	0.4					
C07120023-071	74	15-29	3.4	< 0.2					
C07120023-072		29-39	8.2	< 0.2					
C07120023-073		0-3	1.6	0.5					
C07120023-074		3-15	1.9	0.4					
C07120023-075		15-29	3.3	< 0.2		•			
C07120023-076		0-5	2.1	1.6					
C07120023-077		5-18	1.0	0.5					
C07120023-078	83	18-34	1.0	< 0.2					

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LABORATORY ANALYTICAL REPORT

Client: Project: Workorder:		Uranium One 448a Energy N C07120023		pe									-	ort Date: 0 Received: 1		
			Analysis	EC SatPst	Saturation SatPst	pH SatPst	Ca SatPst	Mg SatPst	Na SatPst	SAR	Se- ABDTPA	B-CACL2	Sand	Silt	Clay	Texture
<i>a</i>	-		Units	mmhos/cm	%	s_u_	meq/L	meq/L	meq/L	unitless	mg/kg-dry	;	%	%	%	
		Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
C07120023-081 C07120023-082			0-2 2-10	0.46 0.31	29.2 32.8	8.6 8.4	2.1 1.5	0.9 0.5	0.6 0.5	0.51 0.51	0.009	0.26 < 0.20	83 80	10 12	7.0 8.0	LS LS
C07120023-082			2-10 0-2	0.52	32.8 41.3	6.4 8.5	2.7	1.1	0.5	0.37	0.007	0.45	70	17	13	SL
007120023-084			2-10	0.24	43.4	8.6	1.0	0.3	0.6	0.73	0.005	< 0.20	84	10	6.0	LS
07120023-085			0-3	0.56	40.3	8.2	2.7	. 1.0	0.4	0.26	0.007	0.35	71	22	7.0	SL
07120023-086			3-12	0.32	26.9	8.0	1.5	0.6	0.4	0.35	0.011	0.28	74	14	12	SL
07120023-087	189		12-18	0.22	31.5	8.0	0.9	0.4	0.5	0.56	0.007	< 0.20	82	8.0	10	LS
07120023-088	189		18-32	0.22	35.1	8.1	0.9	0.4	0.6	0.76	0.007	< 0.20	88	6.0	6.0	LS
07120023-089			0-3	0.43	43.3	7.9	2.1	0.9	0.3	0.27	0.008	0.32	75	15	10	SL
C07120023-090			3-13	0.30	30.5	8.2	1.4	0.6	0.5	0.48	0.009	0.27	. 74	18	0.8	SL
C07120023-091			13-27	3.28	55.2	7.4	28.4	11.2	4.1	0.91	0.010	0.35	76	16	8.0	SL
C07120023-092			27-54	1.74	30.5	7.5	9.0 29.2	4.1 11.5	4.5	1.74	0.009	0.36 0.22	80 80	13 12	7.0 8.0	LS LS
207120023-093	IÃO		54-60	3.87	41.1	7.5	29.2	11.0	7.3	1.61	0.007	0.22	80	12	8.0	LS

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-9-TRACK# C07120023 July 2008

Client:		One Americas			LABORATORY ANAL	YTICAL REPOR	KT (T	Report Date: 02/01/08	
Project: Workorder:	448a Energ C0712002	gy Metals-Antelope 3						Date Received: 12/01/07	
		Analysis	Coarse Frags	Organic Matter					
Sample ID (lient Sample ID	Units Depth	% Results	% Results					
C07120023-081 1		0-2	3.9	0.4					
C07120023-081 1		2-10	3.9	0.4					
C07120023-083 1		0-2	20	0.5					
C07120023-084 1	87	. 2-10	17	< 0.2					1
C07120023-085 1		0-3	1.5	2.4	•				
C07120023-086 1		3-12	7,1	0.7	~				
C07120023-087 1 C07120023-088 1		12-18 18-32	7.3 2.9	< 0.2 < 0.2					
C07120023-089 1		0-3	5.4	0.9					
C07120023-090 1		3-13	6.0	< 0.2					
C07120023-091 1		13-27	6.8	< 0.2					
C07120023-092 1 C07120023-093 1		27-54 54-60	3.7 6.7	0.2 < 0.2					1
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Antelope and JAB Uranium Project Section 3.3 – Geology, Soils, and Seismology License Application, Environmental Report <u></u>uranium**one** investing in our energy

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JAB LABORATORY RESULTS



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ENERGY LABORATORIES

LABORATORY ANALYTICAL REPORT

Cilent: Project:

Energy Metals Mineral Resource Center 448a Energy Metals-JAB G07120056 Workorder:

Report Date: 02/13/08 Date Received; 12/04/07

		Analysis	OM	Coarse Fragments	Sand	Silt	Clay	Texture	SAT	pH-sat paste	EC-sat paste	Ca-sat paste	Mg-sat paste	Na-sat paste	SAR
		Units	~%	%∙	unitless	unitless	unitless	unitless	wt%	s_u_	mmhos/cm	meq/L	meo/L	meq/L	unitless
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
G07120056-001	#2	0-5	1.0	1.8	29	48	23	L	41.0	6.75	0.54	3.07	1.51	0.63	0.4
G07120056-002	#2	5-15	0.7	0.B	32	46	22	L	38.0	7.64	0.82	4.90	2.38	0.63	0.3
G07120056-003	#2	15-29	0.5	1.4	58	24	16	SL	32.3	7.81	D.47	2.38	1.35	1.00	0.7
G07120056-004	#2	29-48	0.4	8.1	69	16	15	SL	27.9	8.02	0.61	2.39	1.83	1.64	1.1
G07120056-005	#7	0-3	1.4	1.4	50	35	15	L	32.5	5:70	1.67	8.63	4.18	0.57	0.2
G07120056-006	#7	3-12	0.8	1.2	48	33	19	L	32.5	6.96	0.40	2.17	0.91	0.79	.0.6
G07120056-007	#7	12-20	0.7	2.4	44	31	25	L	36.5	7.20	0.39	1.97	0.89	0.59	0.5
G07120056-008	#7	20-30	0.3	16.4	72	12	16	SL	25.8	7.19	0.45	2.01	0.97	0.79	0.7
307120056-009	#9	0-2	0.6	6.0	72	19	9.0	SL	22.0	5.81	1.15	6.42	2.58	0.43	0.2
	·#9 .	2-10	0.6	4.9	63	19	18	SL	25.5	6:57	0.41	2.11	0.72	0.82	0.7
G07120056-011	#9	10-16	0.3	5.9	63	15	22	SCL	30.3	6.58	0.31	1.66	0.54	0.70	0.7
307120056-012	#10	0-4	0.8	6.8	50	21	29	SCL	38.9	6.83	1.11	7.54	1.68	0.86	0.4
G07120056-013	#10	4-14	0.7	10.1	40	20	40	C - CL	41.6	7.67	0.54	2.80	0.41	1.89	1.5
307120056-014	#11	0-4	1.0	4.2	48	23	29	SCL	45.7	6.47	0.60	3.02	1.16	0.92	0.6
307120056-015	#11	4-11	0.6	4.0	40	21	39	CL	50.6	6.82	0.23	1.10	0.33	.0.88	1.0
307120056-016	#11	11-17	0.6	4.1	40	23	37	CL	51.1	7.27	0.43	2.21	0.63	1.34	1.1
307120056-017	#11	17-24	0.5	7.3	38	21	41	С	53.0	7.73	0.70	3.18	0.90	2.19	1.5
307120056-018	#11	24-32	0.5	7.5	39	17	44	С	45.0	7.92	0.62	2.63	0.64	3.00	2.3
307120056-019	#14	0-4	1.6	0.3	28	54	18	SIL	40.9	6.06	0.76	3.69	1.42	0.48	0.3
307120056-020	#14	4-11	0.5	3.4	58	25	17	SL	27.9	6.90	0.30	1.39	0.53	0.59	0.6
307120056-021	#14	11-18	0.7	1.3	59	23	16	SL	37.3	6.66	0.29	1.33	0.50	0.61	0.6
307120056-022	#14	18-38	0.2	0.5	84	8.0	8.0	LS	23.6	7.15	0,24	0.99	0.31	0.60	0.7
307120056-023	#14	38-60	0.2	12.2	76	14	10	SL	20.0	7.55	0.39	1,98	0.50	1.08	1.0
307120056-024	#15	0-3	0.5	1.2	77	14	9.0	SL	22.4	6.28	1.00	4.79	1.93	0.55	0.3
607120056-025	#15	3-18	0.2	1.7	91	2.0	7.0	S	24.4	6.89	0.39	1.72	0.63	0.66	0.6
607120056-026	#15	18-29	< 0.2	0.5	.91	3.0	6.0	S	23,7	7.64	0.39	1.82	0.71	0.77	0.7
307120056-027	#17	0-4	0.7	21.2	58	14	28	SCL	33.2	6.78	1.18	7.48	2.31	1.05	0.5
507120056-028	#17	4-9	0,4	18.2	61	13	26	SCL	33.6	7.59	0.56	2.92	0.80	1.57	1.2
607120056-029	#19	0-6	0.8	3.6	70	14	16	SL	23.6	6.37	0.53	3.04	1.11	0.50	0.3
07120056-030	#19	6-14	0.4	23.0	81	5.0	14	SL	25.9	7.20	0.29	1.91	0.56	0.49	0.4
07120056-031	#19	14-20	0.2	22.0	82	6.0	12	SL	20.8	7.61	0.35	2.31	0.54	0.51	0.4
607120056-032	#19	20-31	0.2	6.3	66	4.0	10	LS	20.5	7.B1	.0.30	1.72	0.40	0.70	0.7
07120056-033	#20	0-4	0.4	1.7	73	15	12	SL	21.0	5.77	0.55	2.83	1.14	0.48	0.3
07120055-034	#20	4-19	0.4	1.5	68	17	15	SL	28.6	6.71	0.38	2.02	0.75	0.74	0.6
07120056-035	#20	19-29	0.4	3.3	83	8:0	9.0	LS	21.7	7.38	0.43	2.09	0.89	0.74	0.6
07120056-036	#20	29-44	0.2	3.5	86	6.0	8.0	LŚ	22.1	7.B4	0.41	1.85	0.90	0.93	0.8
07120056-037	#23	0-3	0.8	0.7	66	19	15	SL	29.6	6.40	0.82	4.50	1.58	0.62	0.4
07120056-038	#23	3-9	0.6	1.8	68	18	14	SL	28.8	7.38	0.56	3.60	0.65	1.12	0.8
07120056-039	#23	9-19	0.4	1.4	65	18	17	SL	31.6	7.68	0.57	2.98	0,49	2.30	1.7
07120056-040	#23	19-28	0.6	1.2	51	28	21	L	37.3	7.70	0.87	5.47	1.21	1.62	0.9

Section 3.3 - Geology, Soils, and Seismology Antelope and JAB Uranium Project License Application, Environmental Report URANIUM ONE AMERICAS



ENERGY LABORATORIES, INC. * 400 W Boxelder Rd * Gillette, WY 82718-5315 Toll Free 866.686.7175 * 307.686.7175 * FAX 307.682.4625 * gillette@energylab.com

Client:	Enerov M

LABORATORY ANALYTICAL REPORT

Energy Metals Mineral Resource Center 448a Energy Metals-JAB Project:

Report Date: 02/13/08 Date Received: 12/04/07

Workorder:	G07120056	Wetais-JAD												sceived: 17	
		Analysis	OM	Coarse Fragments	Sand	Silt	Clay	Texture	SAT	pH-sat paste	EC-sat paste	Ca-sat paste	Mg-sat paste	Na-sat paste	.SAR
		Units	%	%	unitless.	unitless	unitless	unitless	wt%	s_u_	mmhos/cm	meq/L	meg/L	meq/L	unițias
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Result
G07120058-041	#23	28-48	0.4	1.5	46	31	23	Ł	36.6	7.69	1.07	7.25	1.90	0.71	0.3
G07120056-042	#23	48-58	0.2	1.5	61	19	20	SL - SCL	30.1	7.74	0.69	4.41	1.17	0.81	0.5
G07120056-043	#25	0-2	0.5	7.7	67	21	12	SL	23.6	6.02	1.05	5.58	2.63	0.46	0.2
307120056-044	#25	2-13	0.3	19.7	71	12	17	SL	25.8	7.07	0.44	2.57	0.94	0.65	0.5
G07120056-045	#25	13-21	0.2	29.2	79	8.0	13	SL	21.4	7.40	0.66	3.69	1.41	0.66	0.4
307120056-046	#26	0-6	0.4	2.0	26	34	40	C - CL	49.8	7,76	1.47	11.3	1.02	3.33	1.3
G07120056-047	#26	6-17	0.3	0.1	23	44	33	CL	51.1	7.67	3.36	28.1	3.72	9.45	2.4
G07120056-048	#27	0-3	1.2	2.8	24	48	28	ĊL	48.2	6.65	0.76	4.54	1.78	0.46	0.3
G07120056-049	#27	3-12	0.8	3.3	30	38	32	CL	42.1	7.48	0,45	2.77	0.9B	0.70	0.5
307120056-050	#27	12-24	0.8	1.9	31	35	34	ÇL	48.5	7.77	0.59	3.51	1.31	0.77	0.5
G07120056-051	#27	24-33	0.3	7.0	56	24	20	SL - SCL	29.1	7.77	0.66	3.73	1.57	1.07	0.7
G07120056-052	#28	0-3	0.7	8.0	64	23	13	SL	24.4	6.20	1.25	6.90	3.26	0.47	0.2
G07120056-053	#28	3-12	0.2	9.6	61	19	20	SL - SCL	28.3	7.05	0.36	1.72	0.78	0.80	0.7
307120056-054	#28	. 12-17	0.3	11.1	63	13	24	SCL	33.1	7.40	1.03	4,94	2.35	1.83	1.0
307120056-055	#31	0-4	0.7	0.6	52	30	18	L	31.7	6.32	0.55	2.69	1.30	0.49	0.3
307120056-056	#31	4-16	0.5	< 0.1	32	39	29	CL	40.6	7.08	0.31	1.53	0.70	0.69	0.7
307120056-057	#31	16-27	0.2	4.9	54	26	20	SL - SCL	29.8	7.12	0.42	1.97	0.96	0.76	0.6
G07120056-058	#31	27-31	0.2	8.4	64	17	19	SL	31.7	7.33	0.52	2.61	1.31	0.66	0.5
G07120056-059	#31	31-41	< 0.2	4.9	72	12	16	SL	28.3	7.62	0.40	1.95	0.97	0.73	0.6
G07120056-060	#32	0-6	0.5	8.4	72	17	11	SL	28.3	5.66	1.18	5,76	2.87	0.41	0.2
G07120056-081	#32	6-19	0.3	8.7	67	17	16	SL	23.1	5.78	0.24	0.84	0.34	0.55	0.7
307120056-062	#32	19-32	< 0.2	14.0	87	3.0	10	LS	21.7	5.89	0.15	0.34	0.13	0.60	1.2
307120056-063	#32	32-40	< 0.2	15,0	79	6.0	13	SL	21.5	5.77	0.35	1.15	0.54	0.83	0.9
307120056-064	#32	40-60	< 0.2	12.2	78	9.0	13	SL	22.9	6.13	0.14	0,29	0.12	0.58	1.3
307120056-065	#33	0-4	0.8	5.4	60	27	13	SL	28.4	6.15	0.98	5,33	2.32	0.43	0.2
307120056-066	#33	4-15	0.2	8.9	60	22	18	SL	24.5	7.09	0.47	2,83	1.10	0.76	0.5
307120056-067	#33	15-22	0.2	10.3	63	20	17	SL	27.0	7.73	0.42	2,61	1.00	0.83	0.6
307120056-068	#33	22-36	0.2	15.6	62	23	15	SL	23.7	7.75	0.84	4.59	2.05	1.34	0.7
307120056-069	#33	36-46	0.2	7.3	55	. 24	21	SCL	28.9	7.84	0,91	5.21	2.54	1.72	0.9
307120056-070	#36	0-7	1.0	7.8	30	46	24	L	37.3	7.00	0,46	2,77	0.82	0.61	0.5
307120056-071	#36	7-15	0.4	4.9	44	29	27	CL-L	37.5	7.52	0.53	3,15	0.96	0.83	0.6
307120056-072	#36	15-26	0.2	20.1	49	26	25	SCL	32.0	7.84	0.60	3.94	1.22	-0.90	0.6
-	#38	0-2	< 0.2	18.1	70	18	12	SL	22.6	5.83	1.37	7.37	3.82	0.50	0.2
	#38	2-11	< 0.2	14.9	73	15	12	SL	19.6	7.10	0.73	3,77	1.44	1.25	0.8
07120056-075	#38	11-18	0.3	13.0	64	18	18	SL	24.2	7.83	0.80	2,42	1.03	4.22	3.2
07120056-076	#39	0-4	1.7	6.8	31	42	27	CL·L	41.0	6.97	1.45	8.71	2.87	0.63	0.3
	#39	4-13	0.4	9.5	40	29	31	CL	34.4	7.34	0.38	1,94	0.64	0.65	0.6
07120056-078	#39 #39	4-13 13-24	< 0.2			29 9.0	10	LS	20.5		0.38	1.04	0.33	0.46	0.6
07120056-078	#39			19.4	61					7.55					
07120056-080		24-42 42-60	< 0.2	34.3	86	8.0 8.0	6.0 8.0	LS LS	19.7	7.57	0.29	1,40 2,35	0.45	0.67	0.7
07 (20050-080	#39	42-00	< 0.2	33.9	84	8.0	8.0	LS	18.4	7.57	0.45	2.35	0.75	0.90	0.7 Page 2

Section 3.3 Antelope and JAB Uranium Project License Application, Environmental Report URANIUM ONE AMERICAS I Geology, Soils, and Seismology

ENERGY	
LABORATORIES	

Energy Metals Mineral Resource Center

448a Energy Metals-JAB

ENERGY LABORATORIES, INC. * 400 W Boxelder Rd * Gillette, WY 82718-5315 Toll Free 866.686.7175 * 307.686.7175 * FAX 307.682.4625 * gillette@energylab.com

Client:	

LABORATORY ANALYTICAL REPORT

Project: Workorder:

Report Date: 02/13/08 Date Received: 12/04/07

		Analysis	OM	Coarse Fragments	Sand	Silt	Clay	Texture	SAT	pH-sat paste	EC-sat paste	Ca-sat paste	Mg-sat paste	Na-sat paste	SAR
		Units	%	%	unitless	unitiess	unitless'	unitiess	wt%	8_U_	mmhos/cm	meq/L	meq/L	meq/L	unitless
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
G07120056-081	#40	0-4	0.5	25.5	55	27	18	SL.	26.7	7.06	1.28	8.38	2.71	0.77	0.3
G07120056-082	#40	4-16	< 0.2	42.0	83	9.0	8.0	LS	16.6	7,62	0.70	4.49	1.26	0.99	0.6
G07120056-083	#41	0-2	0.4	32.6	62	25	13	SL	20.6	6.34	2.10	12.1	5.74	0.71	0.2
G07120056-084	#41	2-14	0.6	28.3	49	29	22	L	29.8	7.84	1,10	4.54	2.17	4.00	2.2
G07120056-085	#42	0-5	1.6	6.0	53	27	20	SL - SCL	40.6	7.49	0.89	6.36	0.82	0.42	0.2
G07120056-088	#42	5-14	1.3	1.3	32	39	29	CL	45.5	7.60	0.46	3.12	0.57	0.54	0.4
G07120056-087	#42	14-32	0.8	0.6	28	43	29	CL	48.1	7.70	0.50	3.15	0.60	0.65	0.5
G07120056-088	#42	32-42	0.7	0.2	22	47	31	CL	49.0	7.77	0.48	2.45	0.42	1.74	1.5
G07120056-089	#42	42-60	0.6	0.6	28	41	31	CL	45.3	7.87	0,46	1.72	0.29	2.62	2.6
G07120056-090	#43	0-3	0.9	5.9	21	33	46	Ċ	57.8	7.88	1,48	5.91	0.53	7.28	4.1
G07120056-091	#43	3-11	0.6	0.6	19	33	48	C	57.1	7.91	0.60	2.17	0.13	3.63	3.4
G07120056-092	#43	11-22	0.7	0.6	16	34	50	c	61.7	7.78	0.92	4.85	0.27	3.66	2.3
G07120056-093	#43	22-31	0.8	0.3	15	32	53	č	65.3	7.68	2,01	15.9	0.86	5.05	1.7
G07120056-094	#43	31-40	0.8	1.3	14	32	54	č	66.9	7.62	3.47	35.8	1,95	6.64	1.5
G07120056-095	#43	40-60	0.5	1.0	13	32	55	č	66.8	7.69	3,2B	33.0	1.93	6.79	1.6
G07120056-096	#47	0-2	0.9	7.5	62	26	12	SL	22.6	5:86	1,42	7.79	3.55	0.53	0.2
G07120056-097	#47	2-11	0.4	7.5	59	21	20	SL·SCL	28.9	7.50	0.53	3.78	1.51	0.86	0.5
G07120056-098	#47	11-16	0.4	12.7	64	17	19	SL	25.0	7.48	0.53	4.13	1.80	1.03	0.5
G07120056-099	#48	0-2	0.4	20.5	66.	24	10	SL		6.06		8.56	3.76		
307120056-100	#48	2-14	0.4	20.5	62	20	10		21.3		1,50	-		0.62	0.3
	#48							SL	23.4	7.14	0.77.	3.00	1.09	3.38	2.4
G07120056-101		14-18	0.3	3.7	48	22	30	SCL	33.3	7.62	1,52	4.45	1.59	7.54	4.3
G07120056-102	#49	0-4	0.7	2.4	71	18	11	SĻ	27.1	5.84	0.98	4.76	2.25	0.41	0.2
G07120056-103	#49	4-22	0.3	3.1	55	23	22	SCL	30.B	7.34	0.42	2.35	0.93	0.99	0.8
307120056-104	#49	22-36	0.3	3.7	56	20	24	SCL	30.7	7.85	0.49	2.10	0.66	2.36	2.0
307120056-105	#50	0-5	0.7	0.1	68	21	11	SL	25.1	5.81	0,97	4.88	1.95	0.53	0.3
307120056-106	#50	5-15	0.9	0.3	62	25,	13	SL	28.7	6.98	0.56	2.70	1.14	0.66	0.5
307120058-107	#50	15-22	0.3	0.7	66	21	13	SL	24.2	7.82	0.49	2.21	0.96	0.83	0.7
307120056-108	#50	22-31	0.3	0.5	73	16	11	SL	21.1	7.97	0.77	2.47	1.69	1.81	1.3
307120056-109	#50	31-45	0.4	1.8	60	25	15	SL	25.7	8.66	0.82	1.40	1.07	5.97	5.4
307120056-110	#50	45-60	< 0.2	12.7	86	8.0	6.0	LS	20.4	8.60	0.68	1.10	0.68	4.75	5.0
	#51	0-3	0.7	7.5	75	18	7.0	SL	26.9	6.23	1.49	7.19	3.10	0.50	0.2
307120056-112	#51	3-12	0.4	8.4	68	15	17	SL.	23.6	7.15	0.94	6.07	2.75	1.88	0.9
307120056-113	#51	12-24	< 0.2	8.6	72	17	11	SL	19,9	7.21	0.86	2.39	1.19	4.86	3.6
307120056-114	#51	24-36	0.2	5.1	58	22	20	SL - SCL	26.4	.8.14	1.59	3.09	1.41	12.6	8.4
307120056-115	#51	36-48	< 0.2	2.1	84	8.0	8.0	LS	21.8	7.98	2.69	14.0	4.06	12.8	4.2
307120056-116	#52	0-5	1.2	1.4	55	31	14	SL	36.7	6.45	0.63	3.14	1.35	0.58	0.4
607120056-117	#52	5-23	0.7	3.0	56	29	15	SL	30.2	7.38	0.67	3.29	1.17	1.79	1.2
07120056-118	#52	23-34	0.5	2.6	53	30	17	SL	28.6	7.74	1,45	2.80	1.07	10.0	7.2
07120056-119	#52	34-42	0.6	5.6	52	28	20	L	28.2	8.05	1.93	2.26	0.92	16.2	13
	#52	42-54	0.3	9.0	67	19	14	SL	22.9	8.35	1.02	0.86	0.27	9.08	12

Section 3.3 Antelope and JAB Uranium Project License Application, Environmental Report URANIUM ONE AMERICAS - Geology, Soils, and Seismology

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ENERGY

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LABORATORY ANALYTICAL REPORT

Client: Project: Waskerdari

		Energy Metals Mineral Resource Center
	·	448a Energy Metals-JAB
r:		G07120056

Report Date: 02/13/08 Date Received: 12/04/07

workorder:	GU/ 120055														
		Analysis	OM	Coarse Fregments	Sand	Silt	Clay	Texture	SAT	pH-sat paste	EC-sat paste	Ca-sat paste	Mg-sat paste	Na-sat paste	SAR
		Units	%	%	unitless	unitless	unitiess	unitless	wt%	s_u_	mmhos/cm	meq/L	meq/L	meq/L	unitiess
Sample ID	Client Sample ID	Depth	Results	Results	Results	Results	Results	Resulta	Results	Results	Results	Results	Results	Results	Results
G07120056-121	#52	54-60	0.4	0.7	29	40	31	CL	46.3	8.18	0.91	0.94	0.26	8.12	10
G07120056-122	#53	0-3	0.9	0.4	39	40	21	Ł	35.3	6.45	0.44	2.16	1.00	0.66	0.5
G07120056-123	#53	3-15	0.9	< 0.1	21	44	-35	CL.	47.9	6.94	0.36	1.74	0.73	0.99	0.9
G07120056-124	#53	15-28	0.5	2.4	52	28	20	L	29.6	7.51	0.50	2.44	1.11	1.28	1.0
G07120056-125	#5 3	28-40	0.3	3.1	57	27	16	SL	26.8	7.64	0.49	2.04	0.98	1.96	1.6
G07120056-126	#53	40-45	< 0.2	7.1	66	19	15	SL	22,6	7.90	0.86	1.68	0.97	5.95	5.2
G07120056-127	#54	0-4	1.0	2.1	30	51	19	SiL	37.9	7.00	0.47	1.40	0.55	2.69	2.7
G07120056-128	#54	4-15	0.7	0.7	13	62	25	SIL	46.9	7.97	1.18	1.29	0.42	9.46	10
G07120056-129	#54	15-21	0.6	1.0	19	53	.28	SICL	50.2	8.35	1.82	1.23	0.40	15.1	17
G07120056-130	#54	21-42	0.5	0.6	20	50	30	SICL	56.1	⁻ 8.35	4.27	3.27	1.71	37.2	24
G07120056-131	#54	42-49	0.3	7.1	33	32	35	CL	55.3	8.30	8.39	16.1	10.1	75.2	21
G07120056-132	#54	49-58	< 0.2	13.2	81	5.0	14	SL	22.7	8.18	9.13	20.9	12,2	81.5	20
G07120056-133	#56	0-3	0.5	2.4	63	25	12	SL	27.2	6.55	0.83	4.58	1.88	0.51	0.3
G07120056-134	#56	3-22	0.3	0.8	63	17	20	SL - SCL	31.5	7.22	0.58	3.97	1.57	0.71	0.4
G07120056-135	#56	22-29	0.2	0.7	73	9.0	18	SL	29.8	7.58	0.67	3.96	1.70	0.81	0.5
G07120056-136	#56	29-37	< 0.2	1.6	71	12	17	SL	28.1	7.63	0.71	4.24	1.99	0.90	0.5

Page 4 of 8

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Client:

Project:

Workorder:

3.3-198

ENERGY LABORATORIES, INC. * 400 W Boxelder Rd * Gillette, WY 82718-5315 Toll Free 866.686.7175 * 307.686.7175 * FAX 307.682.4625 * gillette @energylab.com LABORATORY ANALYTICAL REPORT Energy Metals Mineral Resource Center 448a Energy Metals-JAB G07120056 Anelysis B-Hot Se-Hot H20 H20

		Analysis	B-Hot H20	Se-Hot H20	
		Unita	mg/kg	mg/kg	
Sample ID	Client Sample ID	Depth	Results	Results	
G07120056-001	#2	0-5	0.2	< 0.01	
G07120056-002	#2	5-15	0.3	< 0.01	
307120056-003	#2	15-29	0.2	< 0.01	
G07120056-004	#2	29-48	0.2	< 0.01	
G07120056-005		0-3	0.2	< 0.01	
G07120056-006	#7	3-12	0.2	< 0.01	
G07120056-007	#7	12-20	0.2	< 0.01	
G07120056-008	#7	20-30	< 0.1	< 0.01	·
G07120056-009	#9	0-2	< 0.1	· < 0.01	
G07120056-010	#9	2-10	< 0.1	< 0.01	
G07120056-011		10-16	< 0.1	< 0.01	
G07120056-012	#10	0-4	< 0.1	< 0.01	
G07120056-013 ·	#10	4-14	0.1	< 0.01	
G07120056-014	#11	0-4	0.1	< 0.01	
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G07120056-020	#14	4-11	0.1	< 0.01	
G07120056-021	#14·	11-18	< 0.1	< 0.01	
G07120056-022	#14	16-36	< 0.1	< 0.01	
G07120056-023	#14	38-60	< 0.1	< 0.01	
G07120056-024	#15	0-3	0.2	< 0.01	
G07120056-025	#15	3-18	< 0.1	< 0.01	
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G07120056-027	#17	0-4	< 0.1	< 0.01	
G07120056-028	#17	4-9	< 0.1	< 0.01	
G07120056-029		0-6	< 0.1	< 0.01	
G07120056-030		6-14	< 0.1	< 0.01	
G07120056-031		14-20	< 0.1	< 0.01	
G07120056-032		20-31	< 0.1	< 0.01	
G07120056-033		0-4	< 0.1	< 0.01	
G07120056-034		4-19	< 0.1	< 0.01	
307120056-035		19-29	< 0.1	< 0.01	
307120056-036		2 9-4 4	< 0.1	< 0.01	
G07120056-037	#23	0-3	< 0.1	< 0.01	
G07120056-038		3-9	0.1	< 0.01	
G07120056-039		9-19	0.1	< 0.01	
G07120056-040	#23	19-28	< 0.1	< 0.01	

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Client: Energy Metals Mineral Resource Center Project: 448a Energy Metals-JAB G07120056 Workorder:

Report Date: 02/13/08 Date Received: 12/04/07 Section 3.3 - Geology, Soils, and Seismology

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Antelope and JAB Uranium Project

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	···· <u>···</u> . ····	Analysic		Pa 1/-1
		Analysis	B-Hot H20	Se-Hot H20
		Ünits	mg/kg	mg/kg
Sample ID Client Sa	Client Sample ID	Depth	Results	Results
307120056-041	#23	28-48	< 0.1	< 0.01
	#23	48-58	0,1	< 0.01
	#25	0-2	0.1	< 0.01
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	#27	3-12	0.2	< 0.01
	#27	12-24	0.2	
	#27			< 0.01
	#28	24-33	0.1	< 0.01
	#28	0-3	< 0.1	< 0.01
	#28	3-12	0.1	< 0.01
		12-17	0.1	< 0.01
	#31	0-4	0.1	< 0.01
	#31	4-16	0.1	< 0.01
	#31	16-27	0.1	< 0.01
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	#32	0-6	0.1	< 0.01
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07120056-062		19-32	< 0.1	< 0.01
07120056-063		32-40	< 0.1	< 0.01
	#32	40-60	< 0.1	< 0.01
	#33	.0-4	0.2	< 0.01
	#33	4-15	0:2	< 0.01
	#33	15-22	0.1	< 0.01
	#33	22-36	0.2	< 0.01
07120056-069	#33	36-46	0.1	< 0.01
07120056-070	#36	0-7	0.2	< 0.01
07120056-071	#36	7-15	0.1	< 0.01
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07120056-079	#39	24-42	< 0.1	< 0.01
07120056-080		42-60	< 0.1	< 0.01

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Client: Project:

Project:	448a Energy	Metals-JAB			Date Received:	12/04/07
Vorkorder:	G07120056					
· · · · · ·	······································	Analysis	B-Hot	Se-Hot		
			H20	H20		
Sample ID	Client Sample ID	Units	mg/kg	mg/kg		
Saupie io		Depth	Results	Results		
307120056-081		0-4	0.2	< 0.01		
307120056-082		4-16	< 0.1	< 0.01		
07120056-083		0-2	0.2	< 0.01		
07120056-084		2-14	0.2	< 0.01		
607120056-085	#42	0-5	0.2	< 0.01		
07120056-086		5-14	0.2	< 0.01		
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07120056-091		3-11	0.4	< 0.01		
07120056-092	#43	11-22	0.4	< 0.01	· ·	
07120056-093	#43	22-31	0.3	< 0.01		
07120056-094	#43	31-40	0.3	< 0.01		
07120056-095	#43	40-60	0.2	< 0.01		
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07120056-098	#47	11-16	0.1	< 0.01		
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07120056-120		42-54	0.3	< 0.01		

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				i i	LABORATORY ANALYTICAL REPORT	
Client: Project: Workorder:		als Mineral Re y Metals-JAB	source Cen	ter		Report Date: 02/13/08 Date Received: 12/04/07
		Analysis	B-Hot H20	Se-Hot H20		
		Units	mg/kg	mg/kg		
Sample ID	Client Sample ID	Depth	Results	Results		
G07120056-121	#52	54-60	0.2	< 0.01		
G07120056-122	#53	0-3	0.1	< 0.01		
G07120056-123	#53	3-15	0.2	< 0.01	,	
307120056-124	#53	15-28	0.2	< 0.01		
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307120056-126	#53	40-45	0.1	< 0.01		
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G07120056-132		49-58	0.3	0.01		
307120056-133	#56	0-3	0.1	< 0.01		•
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G07120056-135		22-29	< 0.1	< 0.01		
G07120056-136	#56	29-37	0.1	< 0.01		

David Poelstra **Project Manager**

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ADDENDUM 3.3-E

PRIME FARMLAND DESIGNATION



To Whom It May Concern

Attached is the Prime and other Important Farmland list for Sweetwater County, Wyoming as requested by

BKS Environmental Associates, Inc. PO Box 3467 Gillette, Wyoming 82717

As the attached report shows, no Prime farmland soil map units exist in Sweetwater county, Wyoming. If you have any questions, give me a call.

かれ

Tom Gustafson Resource Soil Scientist NRCS 508N Broadway Riverton, Wy. 82501 307-856-7524 x120

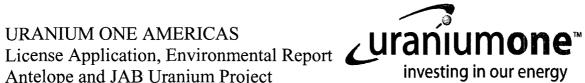




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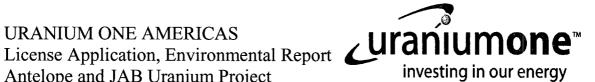
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Antelope and JAB Uranium Project Section 3.4 – Water Resources

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- Antelope Aquifer Test Data 3.4-C
- Water Quality 3.4-D
- Water Rights 3.4-E

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3.4 HYDROLOGY

3.4.1 Surface Water

For ease of review all figures associated with this section have been placed at the end of the section.

3.4.1.1 **Drainage Basins**

Data Sources

Drainage basin and surface water characteristics were determined by obtaining and analyzing two different publically available Geographic Information Systems (GIS) datasets. The U.S. Geological Survey (USGS), in conjunction with the United States Environmental Protection Agency (EPA), have created the National Hydrography Dataset (NHD). The NHD is a "comprehensive set of digital spatial data that contains information about surface water features such as lakes, ponds, streams, rivers, springs and wells. Within the NHD, surface water features are combined to form "reaches," which provide the framework for linking water-related data to the NHD surface water drainage network" (USGS and EPA, 2002). Data from the NHD were obtained at a 1:24,000 scale representing the highest resolution dataset that the USGS has to offer.

In addition, The United States Fish and Wildlife Service (FWS) have produced a classification of wetlands and deep water habitat. This information is available as a digital spatial dataset as the National Wetlands Inventory (NWI). The NWI was created to "provide the citizens of the United States and its Trust Territories with current geospatially referenced information on the status, extent, characteristics and functions of wetland, riparian, deepwater and related aquatic habitats in priority areas to promote the understanding and conservation of these resources" (FWS, 2007). Data from the NWI were obtained at a 1:100,000 scale.

Surface Drainage

The Antelope and JAB Uranium Project is located in the north central portion of the Great Divide Basin (USGS Hydrologic Unit Code (HUC) 14040200). The Great Divide Basin is a 3,875 square mile (mi²) closed basin in south central Wyoming (Figure 3.4-1).

The Great Divide Basin has approximately 7,800 miles of stream with a mean channel gradient of 0.0001 ft/ft (Table 3.4-1). The maximum elevation in the Great Divide Basin is 9,980 feet above mean sea level (msl) and the bottom of the basin discharges at 6,398 feet msl.

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The Antelope and JAB Uranium Project is also completely contained within the Lost Creek Watershed. The Lost Creek Watershed is 415 mi² in size and located in the north central portion of the Great Divide Basin (Figure 3.4-2). The Lost Creek Watershed has approximately 1,006 miles of stream with a mean channel gradient of 0.0003 (Table 3.4-1). Elevation in the Lost Creek Watershed ranges from 6,520 feet msl to 8,310 feet msl. Streams generally flow from north to south throughout the basin, with the exception of the southern portion of the watershed which flows north, draining to Lost Creek at the outlet of the Lower Lost Creek Watershed. Elevations in the Lost Creek Watershed range from 6,520 feet to 8,310 feet msl.

The Antelope and JAB Uranium Project is contained within four subwatersheds of the Lost Creek Watershed (Figure 3.4-2). The majority of the JAB site lies in the Arapahoe Creek Subwatershed (HUC 140402000102) with smaller portions in the Lower Lost Creek Subwatershed (HUC 140402000103), Upper Lost Creek Subwatershed (HUC 140402000104). The majority of the Antelope site lies in the Osborne Draw Subwatershed with a smaller portion in the Arapahoe Creek Subwatershed.

The Arapahoe Creek Subwatershed is located in the north central portion of the Lost Creek Watershed and has a drainage area of 57.7 mi² (Figure 3.4-2). The Arapahoe Creek Subwatershed has 198 miles of stream (Table 3.4-1). The average channel gradient is 0.0014 and 5.4% of the channel length is perennial. Elevation in the Arapahoe Creek Subwatershed ranges from 6,800 feet msl to 8,310 feet msl. West Arapahoe Creek, East Arapahoe Creek and Magpie Creek all have their headwaters in the northern portion of the Arapahoe Creek Subwatershed. These three tributaries join to form Arapahoe Creek which runs generally southwest through the watershed. The NWI identified 76 wetland or deep water habitats in the Arapahoe Creek Subwatershed, covering 81.5 acres (USFWS, 2007). One of the surface waters is listed as a freshwater forested or shrub wetland, 37 are listed as freshwater emergent wetlands, 13 as freshwater ponds and 25 as other. The NHD lists names for four of the surface waterbodies in the watershed: the Antelope, Baby Antelope, Cold Spring and Hadsell Reservoirs (Figure 3.4-3, Table 3.4-2).

The Lower Lost Creek Subwatershed is located in the northwestern portion of the Lost Creek Watershed and has a drainage area of 76.2 mi² (Figure 3.4-2). The Lower Lost Creek Watershed has 138 miles of stream (Table 3.4-1). The average channel gradient is 0.0013 and 23.7% of the stream length is perennial. Elevation in the Lower Lost Creek Subwatershed ranges from 6,520 feet msl to 7,440 feet msl. Lost Creek flows 25.4 miles from north to south through the watershed. The NWI identified 56 wetland or deep water habitats in the Lower Lost Creek Subwatershed, covering 134.8 acres (FWS, 2007). Eleven of the surface waters are listed as freshwater emergent wetlands, eight as freshwater ponds, three as riverine and 34 as other. The largest wetland, by far, is an 81.4 acre riverine wetland along Lost Creek in the lower portion of the watershed. The NHD



named a group of intermittent reservoirs (McKay Reservoirs) totaling two acres in size and located in the headwaters of the watershed (Figure 3.4-4, Table 3.4-2).

The Osborne Draw Subwatershed is located in the northeastern portion of the Lost Creek Watershed and has a drainage area of 72.3 mi² (Figure 3.4-2). The Osborne Draw Subwatershed has 253 miles of stream (Table 3.4-1). The average channel gradient is 0.0010 and less than 1% of the stream length is perennial. Elevation in the Osborne Draw Watershed ranges from 6,720 feet msl to 8,100 feet msl. The Osborne Draw Subwatershed does not contain any named streams or creeks. The NWI identified nine wetland or deep water habitats in the Osborne Draw Subwatershed, covering 7.5 acres (USFWS, 2007). Four of the surface waters are listed as freshwater emergent wetlands, two as freshwater ponds and three as other. The NHD lists names for two of the surface waters in the watershed: Dry Well Reservoir in the southeast and Osborne Reservoir in the western part of the watershed (Figure 3.4-5, Table 3.4-2).

The Upper Lost Creek Subwatershed is located between the headwaters of the Lower Lost Creek Subwatershed and the Arapahoe Creek Subwatershed, and has a drainage area of 47.5 mi² (Figure 3.4-2). The Upper Lost Creek Subwatershed has 253 miles of stream (Table 3.4-1). There are no perennial streams in this watershed, and the average stream channel gradient is 0.0005. Elevation in the Upper Lost Creek Subwatershed ranges from 6,800 feet msl to 7,281 feet msl. Lost Creek headwaters are located in the north-central portion of the watershed. The creek then runs east and turns south toward the basin outlet approximately halfway down the watershed. The NWI identified 52 wetland or deep water habitats in the Upper Lost Creek Subwatershed, covering 31.8 acres (USFWS, 2007). Nineteen of the surface waters are listed as freshwater emergent wetlands, six as freshwater ponds and 27 as other. The NHD lists the name for one of the surface waterbodies in the watershed; the Lost Creek Reservoir as an on-channel reservoir located just downstream from where Lost Creek turns from the east to the south (Figure 3.4-6, Table 3.4-2). The reservoir is classified as a combination of freshwater emergent wetland and freshwater pond.

Table 3.4-1	Drainage Basin Characteristics for the Antelope and JAB Uranium
Project	

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Basin	Drainage Area (mi ²)	Channel Length (mi)	Elevation Differences (ft)	Channel (ft/mi)	Gradient (ft/ft)
Great Divide Basin	3875	7800	3582	0.5	0.0001
Lost Creek Watershed	415	1006	1790	1.8	0.0003
Arapahoe Creek Watershed	57.7	198	1510	7.6	0.0014
Lower Lost Creek Watershed	76.2	138	920	6.7	0.0013
Osborne Draw	72.3	253	1380	5.5	0.0010
Upper Lost Creek Watershed	47.5	181	480	2.7	0.0005

Table 3.4.-2 NHD Listed Surface Waterbodies in the Vicinity of the Antelope and **JAB** Uranium Project

Watershed	Waterbody	Size (acres)	Intermittent or Perennial
· · · · ·	Antelope Reservoir	0.7	Intermittent
Arapahoe Creek	Baby Antelope Reservoir	2.5	Intermittent
Alapanoe Cleek	Cold Spring Reservoir	2.5	Perennial
	Hadsell Reservoir	6.5	Intermittent
Lower Lost Creek	McKay Reservoirs	1.3	Intermittent
Osborne Draw	Dry Well Reservoir	0.6	Intermittent
	Osborne Reservoir	3.5	Intermittent
Upper Lost Creek	Lost Creek Reservoir	8.6	Intermittent
	Lost Creek Reservoir	1.0	Perennial



The Antelope and JAB Uranium Project Sites

The JAB site, the smaller of the two Antelope and JAB uranium sites at 6.3 mi², is the furthest west of the two. JAB contains 13 miles of intermittent streams, no perennial streams and no wetlands or surface waterbodies. The Antelope site is 16.5 mi² in size, located approximately 3.7 miles east of JAB. Antelope contains 64.7 miles of intermittent streams, no perennial streams and one 0.1 acre freshwater emergent wetland in the northeast portion of the site (Figure 3.4-5).

Precipitation

The Antelope and JAB Uranium Project is located entirely within Sweetwater County, Wyoming. The USGS released a publication in 2005 entitled the Water Resources of Sweetwater County, Wyoming. This publication presents some of the climate statistics for Sweetwater County. The Antelope and JAB Uranium Project site receives between 7 and 10 inches of precipitation each year (Mason and Miller, 2005). Green River, Wyoming is also located in Sweetwater County approximately 100 miles southwest of the Antelope and JAB Uranium Project at an elevation of 6,109 feet msl. Figure 3.4-7 presents both the average monthly precipitation totals as a percent of the annual for Green River (Mason and Miller, 2005) and the approximate distribution of peak flow events for the Antelope and JAB Uranium Project discussed in greater detail in the Surface Water Runoff section. Figure 3.4-7 indicates that peak flow events are generally the result of convective summer rainstorm events.

The Precipitation-Frequency Atlas of the Western United States, Volume II presents precipitation values for the 6-hour and 24-hour storm events at 2-, 5-, 10-, 25-, 50- and 100-year recurrence intervals (Miller et al., 1973). The precipitation values presented in this atlas for the Antelope and JAB Uranium Project are listed in Table 3.4-3.

Table 3.4-3 **Precipitation Values of Selected Durations and Recurrence Intervals** for the Antelope and JAB Uranium Project

Duration	2-year (in)	5-year (in)	10-year (in)	25-year (in)	50-year (in)	100-yer (in)		
6-hour	0.7	1	1.1	1.4	1.6	1.8		
24-hour	0.9	1.3	1.5	2	2.2	2.4		

Surface Water Runoff

Peak flood estimates for all drainage basins pertinent to the Antelope and JAB Uranium Project were estimated following the basin characteristics method outlined in a document entitled Peak-Flow Characteristics of Wyoming Streams published by the USGS in 2003. The method presented in this investigation report used regression analysis to relate peak License Application, Environmental Report **Uraniumone**[™] **URANIUM ONE AMERICAS** Antelope and JAB Uranium Project Section 3.4 – Water Resources



flow events to different basin characteristics for six different hydrologic regions in the state of Wyoming.

The state of Wyoming was divided into six different hydrologic regions based on differences in topography and climate. The Antelope and JAB Uranium Project is located in Hydrologic Region Six, which corresponds to the high desert region where peak flows primarily occur as the result of rainstorms. Table 3.4-4 presents a list of the regression equations and statistics for the determination of peak flow events in Hydrologic Region Six (Miller, 2003). Table 3.4-5 presents peak flow estimates for the 2-, 5-, 10-, 25-, 50and 100-year events.

Table 3.4-4	Basin Characteristic Regression Equations Used to Predict Peak
	Flows for the Antelope and JAB Uranium Project*

Equation	SE _E (percent)	SE _P (percent)
$Q_{1.5} = 12.7(AREA^{0.626})((LAT-40)^{-1.18})$	66	72
$Q_2 = 22.2(AREA^{0.608})((LAT-40)^{-1.24})$	60	66
$Q_{2.33} = 28.1(AREA^{0.600})((LAT-40)^{-1.26})$	59	64
$Q_5 = 66.4(AREA^{0.567})((LAT - 40)^{-1.35})$	53	59
$Q_{10} = 116(AREA^{0.544})((LAT - 40)^{-1.40})$	52	57
$Q_{25} = 204(AREA^{0.520})((LAT - 40)^{-1.44})$	52	58
$Q_{50} = 290(AREA^{0.504})((LAT - 40)^{-1.46})$	53	60
$Q_{100} = 394(AREA^{0.489})((LAT - 40)^{-1.47})$	56	63
$Q_{200} = 519(AREA^{0.476})((LAT - 40)^{-1.48})$	59	67
$Q_{500} = 719(AREA^{0.459})((LAT - 40)^{-1.49})$	64	73
* Equations for the estimation of peak flow	• •	

 SE_E is the standard error of the estimate and SE_p is the standard error of the prediction, in percent.



Table 3.4-5	Peak Flow Estimates for all Basins Pertinent to the Antelope and JAB
	Uranium Project*

Basin	Drainage Area (mi ²)	Latitude	QPK ₍₂₎ (cfs)	QPK ₍₅₎ (cfs)	QPK ₍₁₀₎ (cfs)	QPK ₍₂₅₎ (cfs)	QPK ₍₅₀₎ (cfs)	QPK ₍₁₀₀₎ (cfs)
Great Divide Basin	3875	41.8538129	1628	3125	4377	6159	7577	9038
Lost Creek Watershed	415	42.0086150	381	790	1161	1718	2187	2695
Arapahoe Creek Watershed	58	42.2235324	102	225	344	532	697	884
Lower Lost Creek Watershed	76	42.0068615	136	303	462	712	932	1178
Osborne Draw	72	42.1901992	119	261	397	611	799	1010
Upper Lost Creek Watershed	48	42.2235324	90	202	310	481	632	804
	ers 2-, 5-, 10)-, 20-, 50- an	d 100-yea	ar recurre	nce interva	al events (Miller, 20	03).

3.4.2 Ground Water

This section describes the regional and local ground water hydrology, including hydrostratigraphy, ground water flow patterns, hydraulic gradient and aquifer parameters. The information provided in this section satisfies the data requirements of NUREG 1569 and Regulatory Guide 3.46. The discussion is based on information from reports of investigations performed within the Great Divide Basin, previous investigations of the site, and the geologic information presented in Section 2.6. Additional site specific hydrogeologic data have been collected by Uranium One throughout 2007 and 2008.

Regional and site baseline water quality conditions and local ground water use are discussed in Sections 3.4.3 and 3.4.4, respectively.



3.4.2.1 **Regional Hydrogeology**

The JAB and Antelope sites are located in the north central portion of the Great Divide Basin in south-central Wyoming, south of the Sweetwater River and north of the Washakie Basin. The project site lies within the Upper Colorado River Basin Aquifer System as defined by the USGS (Whitehead, 1996). Within the project area, this aquifer system contains aquifers in the Quaternary, Lower Tertiary and Upper Cretaceous Formations. The Quaternary aquifer includes some discontinuous quaternary gravel deposits overlying the JAB site. The Lower Tertiary aquifers include the Battle Springs Formation and the Fort Union Formation. The Upper Cretaceous aquifers include the Lance/Fox Hills Formation, the Mesa Verde Formation and the Frontier Formation.

Significant historical studies on the aquifers within the Great Divide Basin have been completed by Welder and McGreevy, 1966; Fisk, 1967; and Collentine et al., 1981. The information in the following summaries on ground water flow and recharge as well as the descriptions of the major regional aquifers and aquitards was acquired from these three sources.

Ground Water Flow

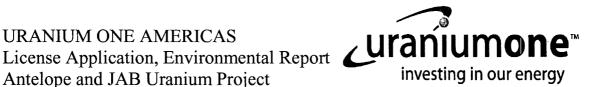
Ground water flow is to the south to southwest from the project area towards the synclinal axis of the structurally closed Great Divide Basin. The basin is bordered by the Wind River Range and Granite Mountains to the north, the Rock Springs uplift to the west, the Rawlins uplift to the east, and the Wamsutter Arch to the south. Due to the closed nature of the basin, no precipitation is lost as runoff and little to no ground water is discharged out of the basin. Some ground water is lost from underflow into the Washakie Basin to the south, but since the exchange between the basins is so small they can be considered hydrologically separate. Most ground water loss is through transpiration and some through evaporation.

Recharge

Recharge to the basin is principally from outcrop related infiltration of snowmelt and early spring rains at the basin margins. In 1967, Fisk estimated an average recharge of about 3,000 gpm and that fresh water can be found to depths of 3,500 feet in the Tertiary deposits. This vast amount of water in storage is historic and thought to have accumulated during the Pleistocene. The water in storage is not stagnate but is transmitted at different rates through each water-bearing formation in the Great Divide Basin.

ISR mining is to be isolated within the Eocene Battle Springs Formation with cased and cemented wells. The closed Great Divide Basin will contain all hydrological impact from mining activities to the basin. Downward seepage from the Battle Springs Formation into

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the deeper Mesa Verde and Frontier Aquifer is not expected to occur due to the impermeable Lewis Shale aquitard which separates them.

Aquifers

Thick sequences of sediments containing several major and minor aquifers underlie the project area. In descending stratigraphic order, the aquifers include: Ouaternary gravels, Eocene Battle Springs, Paleocene Fort Union, Upper Cretaceous Lance/Fox Hills, Cretaceous Mesa Verde, and the Cretaceous Frontier. The Battle Springs Formation is the uranium host and aquifer of primary importance within the project area.

Ouaternary Gravels

Some Quaternary gravel deposits are found in the northern half of T26N R94W near the JAB satellite facility. These are discontinuous aquifers that may locally yield large amounts of water and generally have good water quality.

Battle Springs

The Battle Springs Aquifer is a Tertiary stream and deltaic deposit coeval with the Wasatch Formation with which it inter-fingers just to the west of the project area. The Battle Springs Formation consists of semi-consolidated, highly permeable, fine to very coarse-grained, arkosic sandstones, conglomerates and claystones that most likely originated from the granites of the Sweetwater Arch to the northeast. The thickness of this deposit within the Great Divide Basin is estimated to be between 1,000 and 3,300 feet. Welder and McGreevey reported attainable yields greater than 1,000 gpm but Collentine et. al. reported 150 gpm as a likely yield with most yields ranging from 30 to 50 gpm. Historic transmissivities range from 29 to 3,157 gpd/ft and average storage coefficients range from 10^{-3} to 10^{-5} .

Fort Union

The Fort Union Formation is a lower Tertiary aquifer which directly underlies the Battle Springs Formation. This formation is made up of fine to coarse grained sandstone,

carbonaceous coal with minor siltstone and claystone in the upper portion. The thickness varies from less than 1,000 feet to about 2,500 feet within the Great Divide Basin. It is generally considered a major aquifer that produces moderate to high yields. Porosities range from 15 to 39 percent, permeabilities are typically less than 1 gpd/ft^2 and transmissivities are typically less than 2,500 gpd/ft.

Lance/Fox Hills

The Lance/Fox Hills Aquifer is a low to moderate yielding minor aquifer that produces supplies adequate for stock and domestic wells. The Lance is composed of very fine to medium grained sandstones and dark gray to light brown shale, carbonaceous shale, lignite and coal. The Fox Hills is a sandier section underlying the Lance. The thicknesses

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vary greatly across the basin. For the Fox Hills sandstone, oil field data indicate porosity, permeability and transmissivity values of approximately 20 percent, 0.9 gpd/ft², and 10 to

20 gpd/ft, respectively. Lance Formation yields from stock wells are estimated to be between 5 and 30 gpm with transmissivities less than 22 gpd/ft.

Mesa Verde

The Mesa Verde Aquifer is an alternating sandstone-shale deposit associated with the regressive-transgressive phase of a Late Cretaceous sea. It is confined by the Lewis Shale above and the Cody Shale below. This formation has been exploited within the Great Divide Basin due to its value as a commercial oil and gas resource. Within the Basin, the Mesa Verde thickness ranges from 2,200 to 5,600 feet. Small to moderate yields can be expected and average porosities are about 20 percent.

Frontier

The Frontier Formation is a minor aquifer consisting of sandstones and shales with a few bentonite beds and lenses of pebble conglomerate. The thickness is estimated between 190 to 900 feet within the basin. Historic transmissivities are estimated between 100 and 20,000 gpd/ft with yields ranging from 1 to 100 gpm.

Aquitards

Major aquitards which underlie the project area include the Upper Cretaceous Lewis Shale, Cretaceous Cody Shale and the Lower Cretaceous units.

Lewis Shale

The Lewis Shale hydrologically separates the Tertiary and Lance/Fox Hills Aquifers from the stratigraphically lower Mesa Verde Aquifer. A thickness of 1,906 feet was measured on the southeast flank of the Great Divide Basin. The aquitard thins towards the west and is likely to be thinner underneath the study area.

Cody Shale

The Cody Shale aquitard hydrologically separates the Mesa Verde Aquifer from the underlying Frontier Aquifer and is around 5,000 feet thick underneath the project area.

Lower Cretaceous Units

The Lower Cretaceous units which underlie the Frontier Aquifer consist of the Mowry Shale, Thermopolis Shale and Cloverly Formation. The Mowry and Thermopolis Shale are aquitards with a combined thickness ranging from 190 to 760 feet. The Cloverly Formation is often considered a minor aquifer with low to moderate yields with a thickness ranging from 45 to 240 feet. When grouped together, the Lower Cretaceous units are considered a leaky confining unit.

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3.4.2.2 Site Hydrogeology

Uranium One has conducted an intensive, on-going field investigation since the spring of 2007 to collect site-specific geohydrologic data across the project area. The purposes of the field program have been to collect well hydraulic and water quality data in the vicinity of the known ore zones to establish baseline conditions, and to evaluate potential effects of operations on adjacent ground water quality and quantity. The field program was intended to verify historic aquifer test data collected at the JAB site by Hydro-Engineering (1984) and collect new data to characterize the Battle Springs Aquifer across the Antelope and JAB project areas.

Monitoring Well Locations

Six monitoring well locations were established at the JAB site as part of the Hydro-Engineering (1984) investigation. All of these wells were completed in the Production Sand to collect representative background data for this unit. Aquifer testing was conducted at two locations as part of this investigation, and water quality samples were collected from all of the wells. All of these wells still exist, and Uranium One has collected additional water quality data from them. Two well clusters consisting of a pumping well, and two piezometers completed in the Production Sand, and one in the Underlying Sand were established as part of that investigation. Uranium One installed two additional pumping wells to further investigate the aquifer properties at JAB in the first quarter of 2008. The locations of the JAB wells and surface water sampling locations are included on Figure 3.4-8. Table 3.4-6 presents the well completion information for all of the monitoring wells at the Antelope and JAB Project site.

Twenty two monitoring wells have been established at the Antelope site. The locations of the Antelope wells are shown on Figure 3.4-9. Wells designated as M or MP at Antelope are completed in potential uranium producing sand horizons. Wells designated as MU are completed in sands underlying the producing horizons at that location.

The monitoring wells were completed to Uranium One specifications, approximating operating well specifications. Typical well completion diagrams are included on Figure 3.4-10. After the wells were constructed, they were developed and allowed to stabilize before aquifer testing and water quality sampling were initiated.

Hydrostratigraphic Units

The principal aquifer at the Antelope and JAB Project, and the host of the uranium producing zones is the Battle Springs Aquifer. The Battle Springs Formation was deposited by a large alluvial fan system, consisting of deposits of very fine to very coarse grained arkosic sandstones interbedded with thin shales, mudstones, and localized conglomerates. The lithology of the Battle Springs Formation varies greatly, both laterally and vertically, typical of an alluvial fan deposit. Based upon exploration drilling, and the

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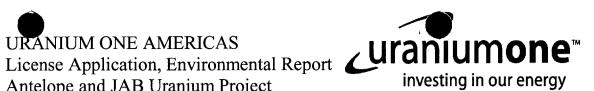


correlation of geophysical logs, Uranium One has identified the following five hydrostratigraphic units at JAB: the Overlying Sand, the Overlying Confining Unit, the

Production Sand, the Underlying Confining Unit, and the Underlying Sand. Above the Overlying Confining Unit, the overlying sands are unsaturated. Twelve hydrostratigraphic units have been identified at Antelope. From shallowest to deepest, these sands are identified as the 290-250 Sand, the 245 Shale, the 240-200 Sand, the 195 Shale, the 190-150 Sand, the 145 Shale, the 140-100 Sand, the 95 Shale, the 90-50 Sand, the 45 Shale, the 40-10 Sand, and the 05 Shale. Type sections illustrating the relative positions of the identified hydrostratigraphic units are presented as Figures 3.4-11 and 3.4-12.

Completion | Well

Well



Completion

Geologic

Casing

Diameter



Easting

733686.12

732183.15

732242.48

734398.02

736849.53

736837.97

736848.08

737790.27

738205.14

741452.70

746738.10

745142.33

753404.44

756080.23

751213.99

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Name	Date	Depth	Elevation	Elevation	Material	(inches)	Interval	Aquifer	Unit	Township	Range	Section	OtrOtr	Northing	l
								140-100	Battle			1		<u> </u>	Γ
M-1	11/8/1978	400	7267.68	7267.88	PVC	5	240-400	Sand	Springs	26N	93W	12	NWSW	573692.65	
					PVC-			190-150	Battle						Г
M-2	12/10/2007	440	7233.75	7235.15	SDR17	4.5	350-375	Sand	Springs	26N	93W	14	SESE .	571131.53	
					PVC-			140-100	Battle						l
MU-2		600	7232.45	7233.95	SDR17	4.5	510-535	Sand	Springs	26N	93W	14	SESE	571188.91	L
					PVC-			190-150	Battle						l
M-3	2/28/2008	390	7241.07	7242.37	SDR17	4.5	346-366	Sand	Springs	26N	93W	13	NWSW	568804.76	L
					PVC-			190-150	Battle						l
M-4	9/6/2007	600	7181.2	7181.60	SDR17	4.5	400-460	Sand	Springs	26N	93W	24	NENE	566537.88	Ļ
					PVC-			190-150	Battle						l
MP-4		600	7178.57	7180.37	SDR17	4.5	426-446	Sand	Springs	26N	93W	24	NENE	566453.17	₽
					PVC-			190-150	Battle						l
MU-4		800	7178.58	7180.38	SDR17	4.5	657-677	Sand	Springs	26N	93W	24	NENE	566456.08	┡
					PVC-			190-150	Battle		02111		NENE	5(0220 (1	l
M-5	3/6/1996	380	7205.44	7206.84	SDR17	4.5	330-350	Sand	Springs	26N	93W	24	NENE	568338.61	┝
	1/05/0000	4.00	7949.04	7061.44	PVC-	1 15	105 100	140-100 Sand	Battle	26N	92W	· -	swsw	572197.64	l
M-6	1/25/2008	460	7249.84	7251.44	SDR17	4.5	425-460	-	Springs	2019	92 W	/	SWSW	572197.04	┝
1.47	11/1/1076	505	7309.19	7310.99	Steel	6 5/8	345-505	190-150 Sand	Battle Springs	26N	92W	18	swsw	570394.24	l
M-7	11/1/1976	505	/309.19	/310.99	PVC-	0 3/8	343-303	140-100	Battle	2011	92.00	10	31131	570394.24	ł
M-8	12/13/2007	700	7225.95	7227.75	SDR17	4.5	570-590	Sand	Springs	26N	92W	17	SWNE	570314.61	l
101-0	12/13/2007	700	1223.95	1221.15	PVC-	4.5	570-590	240-200	Battle	2011	2211	17	D WILL	570514.01	F
M-9	12/14/2007	1000	7210.93	7213.03	SDR17	4.5	520-540	Sand	Springs	26N	92W	20	NESW	563913.06	l
101-9	12/14/2007	1000	7210.95	7215.05	SDR17	.	520-540	75%	oprings	2011	5211		112511	505715.00	t
								within							L
								240-200							L
								Sand, 25%							L
								within							L
								290-250	Battle						L
M-10	6/28/1976	403	7250.78	7251.28	Steel	6	200-400	Sand	Springs	26N	92W	16	NESE	569407.04	
	1				PVC-			190-150	Battle						
M-11	1/25/2008	500	7248.05	7250.25	SDR17	4.5	455-480	Sand	Springs	26N	92W	15	SENW	570989.14	L
					PVC-			190-150	Battle						ſ
M-12	12/26/2007	500	7343.89	7346.69	SDR17	4.5	390-420	Sand	Springs	26N	92W	9	SWNE	574967.83	

Table 3.4-6 Well Completion Information (Datum NAD 1927)

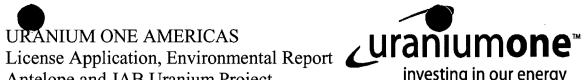
Ground

Surface

Top of

Casing

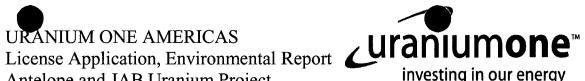
Casing



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Well Name	Completion Date	Well Depth	Ground Surface Elevation	Top of Casing Elevation	Casing Material	Casing Diameter (inches)	Completion Interval	Aquifer	Geologic Unit	Township	Range	Section	QtrQtr	Northing	Easting
M-13	2/29/2008	460	7370.68	7372.48	PVC- SDR17	4.5	385-425	140-100 Sand	Battle	26N	92W	10	SWNE	574717.24	756491.77
M-13	2/29/2008	460	/3/0.08	/3/2.48	PVC-	4.5	385-425	90-50	Springs Battle	2010	92 W	10	SWNE	5/4/17.24	/50491.//
MU-13		800	7373.45	7375.55	SDR17	4.5	707-732	Sand	Springs	26N	92W	10	SWNE	574592.60	756537.82
					PVC-			140-100	Battle						
M-14	12/28/1980	400	7282.91	7284.41	SDR17	4.5	360-385	Sand	Springs	26N	92W	11	NWSE	573857.72	761527.46
M-15	12/24/1980	360	7362.28	7363.28	Steel	6	290-340	190-150 Sand	Battle Springs	26N	92W	14	SENE	570935.84	763485.02
M-16	3/11/2008	360	7374.52	7377.02	PVC	4.5	245-260	190-150 Sand	Battle Springs	26N	92W	12	NWNE	576758.48	766655.87
MP-16		300	7380.17	7381.97	PVC- SDR17	4.5	265-280	190-150 Sand	Battle Springs	26N	92W	12	NWNE	576661.92	766661.85
MU-16		700	7379.61	7381.41	PVC- SDR17	4.5	460-500	140-100 Sand	Battle Springs	26N	92W	12	NWNE	576662.83	766646.75
MW- 1291	8/19/1980	190	6901.33	6902.83	PVC	5	150-190	Production Sand	Battle Springs	26N	94W	14	NWSW	567706.65	696148.50
MW- 1292	8/20/1980	272	6867.21	6868.61	PVC	5	230-270	Production Sand	Battle Springs	26N	94W	15	SWSE	566738.30	693373.74
MW- 1298	8/21/1980	287	6871.4	6873.12	PVC	5	246-286	Production Sand	Battle Springs	26N	94W	23	NWNW	565757.54	695847.87
MW- 1299	8/25/1980	263	6912.7	6914.78	PVC	5	227-267	Production Sand	Battle Springs	26N	94W	24	NWNW	565655.33	701683.63
MW- 1300	8/22/1980	236	6868.8	6870.57	PVC	5	196-236	Production Sand	Battle Springs	26N	94W	14	NWNW	570623.67	696463.81
JAB #1	9/12/1978	220	6909	6911.14	PVC	6	180-220	Production Sand	Battle Springs	26N	94W	14	NESE	568279.65	699794.88
MP- 2069	3/8/2008	205	6895.15	6896.55	PVC- SDR17	4.5	160-190	Production Sand	Battle Springs	26N	94W	14	NWSW	567527.28	696142.35
MP- 2103	3/10/2008	260	6873.95	6875.15	PVC- SDR17	4.5	225-250	Production Sand	Battle Springs	26N	94W	15	SWSE	567027.91	693518.66
OW- 1301	9/3/1980	197	6899.15	6900.15	PVC	2	177-197	Production Sand	Battle Springs	26N	94W	14	NWSW	567644.86	696149.05
OW- 1302	9/4/1980	192	6900.6	6902.20	PVC	2	172-192	Production Sand	Battle Springs	26N	94W	14	NWSW	567676.52	696147.67
OW- 1303	9/8/1980	235	6903.69	6906.79	PVC	2	215-235	Underlying Sand	Battle Springs	26N	94W	14	NWSW	567756.67	696152.07



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Well Name	Completion Date	Well Depth	Ground Surface Elevation	Top of Casing Elevation	Casing Material	Casing Diameter (inches)	Completion Interval	Aquifer	Geologic Unit	Township	Range	Section	QtrQtr	Northing	Easting
OW- 1304	9/9/1980	263	6867.57	6867.67	PVC	2	243-263	Production Sand	Battle Springs	26N	94W	15	SWSE	566739.61	693434.02
OW- 1305	9/10/1980	265	6867.06	6868.56	PVC	2	245-265	Production Sand	Battle Springs	26N	94W	15	SWSE	566740.11	693343.03
OW- 1307	9/23/1980	315	6866.92	6868.52	PVC	2	278-298	50' below Underlying Sand	Battle Springs	26N	94W	15	SWSE	566706.19	693377.48

July 2008



JAB Hydrostratigraphic Units

Overlying Sand

The Overlying Sand Unit is a typical alluvial fan channel deposit consisting of fine to coarse grained arkosic sands. The sand units are separated by thin shale and mudstone layers. This unit ranges from four to 23 feet thick in the permit area with 10 feet being the average. Although there is uranium mineralization present in this sand, it is unsaturated and not viable for ISR mining.

Overlying Confining Unit

The Overlying Confining Unit is a thinly interbedded sandstone, shale, and mudstone unit. It is typical of the normal, fining upward sequence of an alluvial fan depositional sequence. The Overlying Confining Unit ranges from three to 33 feet thick in the Permit Area, averaging 10 to 15 feet thick.

Production Sand

The Production Sand contains the mineralized zone at JAB, and is a typical alluvial fan channel deposit consisting of fine to very coarse grained arkosic sandstone. The Production Sand ranges from 22 to 54 feet thick in the JAB Permit Area, with an average thickness of 35 to 40 feet. Within the Production Sand, individual sandstone beds are fairly thick, with the thinnest sandstone beds ranging from eight to 10 feet thick. The remaining sands are separated by thin interbedded clay and mudstone units.

Underlying Confining Unit

The Underlying Confining Unit is a carbonaceous shale. The carbonaceous shale is a member of the Wasatch Formation that has inter-tongued with the arkosic sands of the Battle Springs Formation. The carbonaceous shale is a lacustrine - paludal deposit, indicating a period of non-erosion from the ancestral Granite Mountains to the north, and a concurrent period of regional subsidence, allowing the expansion of the ancient lakes to the south of the Permit Area. This carbonaceous shale thickens to the south and southwest of the JAB Permit Area. In the Permit Area the carbonaceous shale is between six and 30 feet thick, with 10 to 12 feet thick being the average.

Underlying Sand

The Underlying Sand Unit is a fine to coarse grained arkosic sandstone with thin, interbedded shale and mudstone layers. This unit ranges from 2 to 34 feet thick in the JAB Permit Area, averaging approximately 15 feet in thickness. The Underlying Sand Unit is a typical alluvial fan channel deposit. The variations in the sandstone thickness are indicative of channels within the alluvial fan moving laterally and vertically over time. The interbedded shales and mudstones represent lower energy floodplain and sheet flow deposits, distal from the main channel deposits. Isopach maps of the Overlying Sand, Overlying Confining Unit, Production Sand, Underlying Confining Unit, and the



Underlying Sand, are presented as Figures 2.6-3 through 2.6-8 in the Geology Section (Section 2.6) of the technical report.

Antelope Hydrostratigraphic Units

290-250 Sand

The 290-250 Sand Unit is present in only the southern portion of the Antelope permit area as these sand beds have been eroded in the northern portion. The 290-250 Sands are arkosic, very fine to very coarse grained sandstones with interbedded shale and siltstones.

245 Shale

Underlying the 290-250 Sand is the 245 Shale. It is five to 25 feet thick, averaging 12 feet and consists of gray shale and siltstone. The color can vary from greenish-grey, to pale purple and yellow. The 245 Shale is present in the southern portion of the permit area, but has been removed by erosion in the north (Figure 2.6-25).

240-200 Sand

Underlying the 245 Shale is the 240-200 Sand. It is 205-298 feet thick, averaging 254 feet, and consists of very fine to very coarse grained arkosic sandstone with interbedded vellow, purple, and greenish-grey shale. Pebble conglomerate may be present at the base of the individual channel sand units. Minor chert and pyrite can also be observed. A complete section of the 240-200 Sand is present in the southern two-thirds of the permit area, but becomes an erosional surface in the northern third (Figure 2.6-24). This unit contains uranium mineralization, and Well M-9 is completed in this sandstone unit.

195 Shale

The 195 Shale underlies the 240-200 Sand, is four to 43 feet thick, averaging 14 feet, and consists of greenish-gray shale. It is exposed on the surface and has been eroded in the northernmost edge of the permit area. Where it has not been removed by erosion it is laterally continuous (Figure 2.6-23).

<u>190-150 Sand</u>

The 190-150 Sand underlies the 195 Shale and is 167 to 322 feet thick across the Antelope permit/license area, averaging 252 feet thick. It consists of very fine to very coarse grained arkosic sandstone with interbedded shale and siltstones. It contains minor black chert, and minor to moderate pyrite. Along the northern edge of the permit area, the 190-150 Sand is exposed at the surface and has been partially eroded (Figure 2.6-22). This sand contains uranium mineralization. Wells M-2, M-3, M-4, MU-4, M-11, M-12, M-16, and MP-16 are all completed in this sandstone unit.



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145 Shale

The 145 Shale underlies the 190-150 Sand, is four to 30 feet thick, averaging 12 feet and consists of greenish-gray shale. It is laterally continuous throughout the permit area (Figure 2.6-21).

140-100 Sand

The 145 Shale is underlain by the 140-100 Sand. The 140-100 Sand is 219 to 405 feet thick, averaging 291 feet, and consists of arkosic and quartzose, very fine to very coarse grained sandstone with interbedded shale and siltstones (Figure 2.6-20). The shale can range in color from green-grey to pale purple. Minor black chert and pebble conglomerate layers can also be present and the unit often contains some pyrite. Wells M-1, MU-2, M-6, M-8, M-12, M-14, and MU-16 are completed in this sand unit.

95 Shale

Underlying the 140-100 Sand, the 95 Shale is three to 35 feet thick, averaging 14 feet. The 95 Shale consists of greenish grey shale and siltstone. It is laterally continuous throughout the permit area (Figure 2.6-19).

90-50 Sand

The 90-50 Sand underlies the 95 Shale, is 233 to 371 feet thick and averages 284 feet. It consists of arkosic, very fine to coarse grained sandstone with interbedded greenish grey shales and siltstones, and can contain abundant pyrite. Figure 2.6-18 shows the isopach map of the 90-50 Sand. Well MU-13 is completed in this sand representing an underlying Sand Unit.

45 Shale

The 45 Shale underlies the 90-50 Sand and is five to 25 feet thick, averaging 14 feet. The 45 Shale appears to be continuous throughout the Antelope permit/license area. It is composed of green-grey shale and siltstone (Figure 2.6-17).

40-10 Sand

The 45 Shale is underlain by the 40-10 Sand. It is 257 to 314 feet thick, averaging 287 feet and consists of very fine to coarse grained arkosic sandstone with interbedded greengrey shale and siltstones (Figure 2.6-16). It often contains abundant pyrite.

05 Shale

The 05 Shale confining unit consists of green-grey shale and minor siltstone. It is eight to 18 feet thick, averaging 14 feet, and is thought to be continuous throughout the Antelope property (Figure 2.6-15).

Figures 2.6-26 through 2.6-35 in Section 2.6 show cross sections through the Antelope Project area.



Potentiometric Surface, Ground Water Flow Direction and Hydraulic 3.4.2.3 Gradient

The hydrogeologic evaluation of the Antelope and JAB sites included measurement of water levels in monitor wells completed in the production and underlying aquifers to assess the potentiometric surface, ground water flow direction, and hydraulic gradient. Regional ground water flow is generally to the south to southwest. Water level data recorded for the site monitor wells can be found in Addendum 3.4-A. Figure 3.4-13 depicts regional ground water flow after Collentine et. al, 1981.

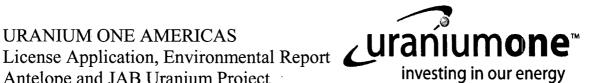
The JAB site potentiometric surface for the production zone sand is shown on Figure 3.4-14. Water level data used to develop the potentiometric surface map were collected between September 21 and September 29, 2007. Two monitoring wells, MP-2069 and MP-2103, had not yet been drilled at that date so static water level elevations from March 11, 2008 were evaluated for those two sites. Based on the water level data, the direction of ground water flow within the production sand is predominantly to the south with an eastward inclination, generally consistent with the regional flow system. The horizontal hydraulic gradient calculated from this data is approximately 0.002 ft/ft (8 ft/mile). These findings are generally consistent with historic data collected by Hydro Engineering (1984), who reported that ground water in this area generally flows southeasterly with a hydraulic gradient of 0.018 ft/ft. Comparison of current water level data collected during this investigation with those from Hydro Engineering for similar months indicates water levels in these wells have generally fallen anywhere from 0.35 to 3.28 feet since those level measurements were taken in 1980-1982. Despite these differences, the water levels are generally consistent through time. The Historic report (without large figures) is contained in Appendix A of this Technical Report.

Figure 3.4-15 represents the Antelope site potentiometric surface for production sands. Water level data used to develop the potentiometric surface map were collected in March and April, 2008. In general, ground water flow is to the southwest and is generally consistent with the regional flow system. The general hydraulic gradient calculated from the data is 0.02 ft/ft (100 ft/mi). The gradient at Antelope is much steeper than the gradient at JAB. In addition, the gradient steps down from a higher gradient (0.03 ft/ft, 150 ft/mi) in the northeast to a lower gradient (0.01 ft/ft, 40 ft/mi) in the southwest. This suggests that the Antelope site permeability is not homogeneous with respect to the production sands. The flatter gradient areas have a relatively higher permeability while the steeper gradient areas have lower permeability

Differences in hydraulic heads for the JAB and Antelope sites were analyzed by comparing water levels in closely grouped wells completed in different hydrostratigraphic units. These differences were used to assess hydraulic communication

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between the production sands and the underlying sands. Table 3.4-7 summarizes the water levels of the well groups used for the assessment.

Table 3.4-7 Head Difference of Underlying Aquifers from Overlying Aquifers -Antelope and JAB Uranium Project

Mine Name	Well Group	Date	Well ID	Water Level	Aquifer	Head Difference ¹
JAB	MP-2069	3/19/2008	MP-2069	6,790	Production Sand	+ 2 ft. + 0 ft.
			OW-1303	6,792	Underlying Sand	
	MP-2103	3/24/2008	MP-2013	6,790	Production Sand	
			OW-1307	6,790	Underlying Sand	
Antelope	M-13	4/3/2008	M-13	7,154	140-100 Production Sand	- 40 ft.
			MU-13	7,114	90-50 Underlying Sand	
	M-16	3/27/2008	M-16	7,182	190-150 Production Sand	+ 4 ft.
			MU-16	7,186	140-100 Underlying Sand	⁻ ⁻ ⁺ 1ι.

Notes:

1. A positive difference is shown when the water level in the underlying aquifer is higher than the Production Sand. A negative difference is shown when the water level in the underlying aquifer is lower than the Production Sand.

In general, the difference between the hydraulic heads of the production sands and the underlying sands at the JAB and Antelope sites are minimal. This is consistent with the aquifer test analysis which shows leaky conditions; some water is being contributed to the production zone from the overlying and underlying aquifers. In almost all cases the water levels of the underlying aquifer are slightly above those of the production zone, suggesting the lower sands are recharged at higher topographic elevations and discharge to the overlying sands.

The one exception is well group M-13. The observation well MU-13, drilled into the underlying 90-50 sand, has a water level approximately 40 feet lower than M-13, which is drilled into the 140-100 sand. This difference indicates that these two aquifers are not in hydraulic communication, but that there is potential for ground water from the upper aguifer to drain into the lower aguifer at this location.

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The future addition of more monitoring wells in both the underlying and overlying units is expected to constrain the confining properties of the shales between production zone and underlying aquifers. From this preliminary analysis, it appears at Antelope that the 95 Shale between the 90-50 and 140-100 sand is a confining layer while the 145 shale between the 140-100 and 190-150 sands is only semi-confining.

3.4.2.4 **Site Specific Aquifer Properties**

The hydrogeologic properties of the Battle Springs aquifers within the JAB and Antelope Project areas have been estimated from historic and recent aquifer testing. Hydro-Engineering (1984) completed an initial hydrogeologic investigation of the JAB property in 1982 that included aquifer tests on several Production Sand wells. Constant rate tests were conducted on two wells on the JAB property and on three wells on the Antelope property in late 2007 and 2008.

Historic Aquifer Test Results

Hydro-Engineering (1984) completed aquifer tests on six wells at the JAB Project between September 1980 and December 1981 to assess the hydrogeologic characteristics of the Production Sand as well as underlying hydrostratigraphic units. A summary of the Hydro-Engineering tests that were conducted is presented below. Information on the pumping wells and observation wells utilized in the aquifer tests are provided in Table 3.4-6, and the locations of the wells are shown on Figures 3.4-8 and 3.4-9.

- > A two day pumping test was completed on Well MW-1292 on October 21, 1980. The well was pumped at a discharge rate of 32 gallons per minute (gpm) while wells OW-1304, OW-1305, and OW-1307 were observed for drawdown. Wells MW-1292, OW-1304, and OW-1305 are completed within the Production Sand, while OW-1307 is completed within the Underlying Sand. Observation wells OW-1304, OW-1305, and OW-1307 are located 60.4, 30.4, and 32.4 feet, respectively, from the pumping well, MW-1292. Drawdown in the observation wells at the end of the test for OW-1304, OW-1305, and OW-1307 were 6.37, 8.85, and 3.49 feet, respectively. The response of OW-1307 during the aquifer test suggests there is hydrologic communication between the Production and Underlying Sands. Hydro-Engineering (1984) speculated that a poor bentonite seal in the well annulus or pinching out of the mudstone in this area could account for the drawdown in OW-1307.
- > Well MW-1291 was pumped at an average rate of 3.1 gpm for 405 minutes on December 9, 1981, while monitoring wells OW-1301, OW-1302, and OW-1303 were observed for drawdown. OW-1301, OW-1302, and MW-1291 are completed within the Production Sand, but OW-1303 is completed in the Underlying Sand north of a localized fault. Observation wells OW-1301, OW-1302, and OW-1303

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are located 62, 30.5, and 50 feet, respectively from MW-1291. Drawdown in observation wells OW-1301, OW-1302, and OW-1303 were measured to be 1.10, 1.88, and 0.06 feet at the end of the test. Hydro-Engineering (1984) reported that very little water level change was observed in OW-1303, and that the Underlying Sand north of the fault is not readily connected to the Production Sand.

- > On September 17, 1980, Well MW-1298 was pump tested at an average rate of 5.9 gpm for 55 minutes. Drawdown in this well at the end of the test was measured to be 85.61 feet. MW-1298 is completed in the Production Sand. No observation well data were collected during this test.
- Located in the southeast corner of the proposed mining area, Well MW-1299 was pump tested at an average rate of 23.7 gpm for 916 minutes on September 16, 1980. MW-1299 is completed in the Production Sand. At the end of the test, the water level in this well had been drawn down 14.25 feet. No observation well data were collected during this test.
- > Well MW-1300, which lies north of all the previously mentioned wells, was pump tested at an average rate of 6.9 gpm. This well is also completed in the Production Sand. At the end of this test, drawdown in the well was measured to be approximately 13.5 feet. No observation well data were collected during the test.
- > The JAB #1 well was used for a drilling water supply, and is completed in the Production Sand. This well was tested for 870 minutes on September 16, 1980, at a final discharge rate of 55 gpm. Total drawdown measured in this well at the end of the test was 32.61 feet. No observation well data were collected during this test.

Summarized in Table 3.4-8, transmissivities estimated from previous aquifer tests completed for the JAB Project vary and range from 40 to 4,700 gallons per day per foot (gpd/ft). Hydraulic conductivities estimates vary similarly, and range from 1.3 to 82.3 gallons per day per square foot (gpd/ft^2) .

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Table 3.4-8	Summary of Horizontal Aquifer Properties of the Production Sand in
	the JAB Project Area, Historic Aquifer Tests – Antelope and JAB
	Uranium Project

					···· · · · · · · · · · · · · · · · ·	
Well	Date Tested	Analysis Method	Transmissivity (gpd/ft)	Storage Coefficient	Aquifer Thickness (ft)	Hydraulic Conductivity (gpd/ft ²)
MW- 1300	10/1/1980	Jacob, Theis Recovery	650-670		30	21.7
MW- 1292	10/21/1980	Jacob, Theis Recovery	2800-2900		70	40.4
OW- 1304	10/21/1980	Theis, Jacob	4700	2.4x10 ⁻⁴	70	66.6
OW- 1305	10/21/1980	Theis, Jacob	3900-4200	2.4x10 ⁻⁴ - 1.7 x 10 ⁻⁴	70	59.1
JAB #1	9/16/1980	Theis Recovery	3400		40	82.3
MW- 1299	9/16/1980	Jacob, Theis Recovery	1400-1700		53	29.2
MW- 1298	9/17/1980	Jacob, Theis Recovery	40-50		35	1.3
MW- 1291	12/9/1981	Jacob, Theis Recovery	100-220		45	4.6
OW- 1301	12/9/1981	Theis, Jacob	790-880	$1.9 \times 10^{-4} - 5.4 \times 10^{-4}$	45	18.7
OW- 1302	12/9/1981	Theis, Jacob	510-580	$1.2 \times 1^{-4} -$ 9.1 x 10 ⁻⁴	45	12.0
Source: Hydro-Engineering (1984) Notes: Indicates storage coefficient could not be calculated from these data.						

Limited data (e.g., laboratory analyses or detailed pump test data) regarding the vertical hydraulic conductivity of the confining units are available for the JAB Project area. Based on aquifer testing of MW-1292 and observation well OW-1307 which was completed in the Underlying Sand, Hydro-Engineering estimated a vertical permeability of 0.43 ft/day (1.6 x 10⁻⁴ cm/sec) for the Underlying Confining Unit below the Production Sand. It was concluded that this value was probably not representative.



2007-2008 Aquifer Tests

In December 2007 and March-April 2008, Uranium One, Pronghorn Pump (Pronghorn), and Lidstone and Associates, Inc. (LA) initiated an aquifer test program for both the JAB and Antelope Projects that was designed to accomplish the following objectives:

- 1. Demonstrate hydraulic communication between the production sand zone pumping wells and the surrounding monitor wells;
- Assess the hydrologic characteristics of the production zone aquifer within the 2. tested areas;
- Evaluate the presence or absence of hydrologic boundaries in the production 3. sand zones within the project areas; and,
- Demonstrate sufficient confinement between the production sand zones and the 4. overlying and underlying sands for the purposes of ISR mining.

Given the vast expanse of each property plus the distance between the properties, LA and Uranium One decided to complete aquifer tests at several locations on both properties. Two wells, MP-2069 and MP-2103, were tested at the JAB Project area, and three wells, MP-4, M-13, and MP-16, were tested at the Antelope Project area. These aquifer tests were completed between March 19 and April 1, 2008. Table 3.4-6 provides basic well information for the pumping wells and observation wells used in the tests. Details regarding the pump test results and analysis for the JAB and Antelope Project areas are provided in Addendum 3.4-B and 3.4-C, respectively.

Aquifer Testing Procedures

For pump testing purposes, Uranium One contracted Pronghorn to install the test pumps and all necessary appurtenances for each well. The test pumps were typically set in each production well to a depth above the uppermost screened interval. During the tests, ground water was lifted from the pump through a steel column pipe, and once at ground surface, was routed through a PVC discharge manifold consisting of an approximately one inch totalizing Great Plains Industries and a flow control valve. Below the flow control valve, flexible hose was used to discharge the water to ground surface. Discharge rates were monitored with both the in-line flowmeter, and a calibrated five gallon bucket. The flowmeter was used to record both total pumpage and instantaneous flows. During the constant rate tests, water level changes in the production and observation wells were monitored both manually with a water level tape, and electronically with In-Situ LevelTroll 700[™] pressure transducers. The locations of each of the wells that were used during the tests were field surveyed with a hand held Garmin GPS unit for initial survey purposes.

LA utilized standard aquifer test procedures included with Schlumberger Water Services' Aquifer Test Pro 4.2TM software package to develop the hydrogeologic parameter License Application, Environmental Report Antelono and LADIT Antelope and JAB Uranium Project Section 3.4 – Water Resources



estimates presented herein. Curve matching analysis of the drawdown data generated by

the pump testing generally indicated that the saturated sandstones of Battle Springs Aquifer behave as leaky confined aquifers. Typical analytical methods that were used for this analysis included Hantush and Jacob (1955), Cooper & Jacob (1946), and the Theis Recovery (1935) methods.

JAB Aquifer Test Results

LA completed two aquifer tests in the JAB project area. The tests were completed utilizing wells MP-2069 and MP-2103 as the pumping wells. Test results are summarized in Table 3.4-9.



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Table 3.4-9	Summary of Horizontal Aquifer Properties of the Production Sand in
	the JAB Project Area – March-April 2008 – Antelope and JAB Uranium Project

Uranium Project						
Well	Date Tested	Analysis Method	Transmissivity (gpd/ft)	Storage Coefficient	Aquifer Thickness (ft)	Hydraulic Conductivity (gpd/ft ²)
MP- 2103	3/24/2008	Hantush, Cooper- Jacob, Theis Recovery	1360 - 2130		35	38.9 - 60.7
MW- 1292	3/24/2008	Hantush, Cooper- Jacob, Theis Recovery	1850 – 2420	1.9 x 10 ⁻⁵ – 3.5 x 10 ⁻⁵	35	52.7 – 69.0
OW- 1307	3/24/2008	Hantush, Cooper- Jacob	1180 - 4180	1.2 x 10 ⁻⁴ – 1.9 x 10 ⁻⁴	35	33.8 - 120
MP- 2069	3/19/2008	Hantush, Cooper- Jacob, Theis Recovery	850 1160		40	21.3 - 28.9
MW- 1291	3/19/2008	Hantush, Theis Recovery	585 - 923	8.8 x 10 ⁻⁵	40	14.6 - 23.1
OW- 1301	3/19/2008	Hantush, Cooper- Jacob, Theis Recovery	790 – 1080	6.9 x 10 ⁻⁶ – 7.1 x 10 ⁻⁶	40	19.8 – 26.9
OW- 1302	3/19/2008	Hantush, Cooper- Jacob, Theis Recovery	693 - 1100	1.1 x 10 ⁻⁵ – 1.5 x 10 ⁻⁵	40	17.3 – 27.4
Notes: Indicates storage coefficient could not be calculated from these data.						



MP-2069 Aquifer Testing

Beginning on March 19, 2008, Well MP-2069 was tested for 2,880 minutes at an average rate of 10.25 gpm, while water levels were monitored in four observation wells. Observation wells OW-1301, OW-1302, and MW-1291 were utilized to monitor water levels in the Production Sand at distances of approximately 116, 148, and 170 feet, respectively. Observation well OW-1303 was used to observe any water level changes in the Underlying Sand on the other side of a localized fault in the Battle Springs Formation, at a distance of approximately 234 feet from the pumping well.

As summarized in Addendum 3.4-B, the transmissivity and hydraulic conductivity of the Production Sand in the vicinity of MP-2069 appear to reflect leaky confined aquifer conditions. Transmissivity estimates made from pumping, recovery, and distance drawdown data for the Production Sand range from 585 to 1,160 gpd/ft, with an average of 869 gpd/ft. Based on an average thickness of 40 feet, the hydraulic conductivity of the aquifer ranges from 14.6 to 28.9 gpd/ft², with an average of 21.7 gpd/ft². Based on observation well data, the average storage coefficient of the Production Sand was estimated to be 2.4 x 10^{-5} . After two days of pumping, the radius of influence of this well extended approximately 0.5 miles based on distance drawdown data. Comparison of these results in Table 3.4-9 with those from Hydro-Engineering (1984) presented in Table 3.4-8 indicate that the current results are similar, but slightly higher than those previously estimated.

As shown in Addendum 3.4-B, the test pumping of MP-2069 drew down water levels in the Production Sand, as expected, and suggests that the Production and Underlying Sands are in limited hydraulic communication. Water levels in OW-1303 declined minimally during the later portion of the test and into the recovery period before rebounding. Maximum water level drawdown associated with this well was measured to be 0.25 feet. The relative similarity of the water level elevations between MP-2069 and OW-1303 (~2 foot difference), in combination with the 0.25 feet of drawdown that observed during this test suggests that the Production Sand may be in limited hydraulic communication with the Underlying Sand in this area. It is also possible that some of this small drawdown could be associated with barometric pressure effects, given the limited background data collected and lack of barometric pressure data for correction. The limited impact on the water level in OW-1303 due to the pumping of MP-2069 appears to indicate that the two sands are separated by an adequate confining unit. Consequently, impacts to the underlying sand from mining are expected to be minimal. The impact of barometric pressure changes in this area will be further evaluated during wellfield specific testing.

As noted previously, there is a local fault is located between MP-2069 and OW-1303. This test appears to demonstrate that the local fault has a limited and potentially insignificant impact on hydraulic communication between the Underlying and Production

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Sands. The extent and magnitude of hydraulic communication in this area will be further defined during wellfield specific testing and additional operational controls and monitoring in the underlying area may be proposed based on results of those tests.

MP-2103 Aquifer Testing

MP-2103 was tested for approximately 1,494 minutes at an average rate of 28.7 gpm, starting on March 24, 2008. Water levels in the Production Sand were monitored in Observation Wells MW-1292, OW-1302, and MP-2069 at distances of approximately 336, 2,607, and 2,564 feet, respectively, from the pumping well. Water levels in the Underlying Sand were monitored in OW-1307 at a distance of about 364 feet.

The transmissivity and hydraulic conductivity of the Production Sand in the vicinity of MP-2103 indicate the Production Sand in this area is a leaky confined aquifer. As summarized in Table 3.4-8 and Addendum 3.4-B, transmissivity estimates based on pumping, recovery, and distance drawdown data for both the Production and Underlying Sands range from 1,180 to 4,180 gpd/ft, with an average of 2,110 gpd/ft. Based on a saturated thickness of 35 feet, hydraulic conductivities were estimated to range from 3.8 to 120 gpd/ft², with an average of 60.4 gpd/ft². Based on observation well data, the storage coefficient of the aquifer averages 6.4×10^{-5} . After approximately one day of pumping, the radius of influence of this well appeared to extend approximately 0.56 miles from the pumping well. Comparison of these hydrogeologic parameters on Table 3.4-9 with those from Hydro-Engineering (1984) on Table 3.4-8 indicates the transmissivity of the Production Sand is relatively unchanged since the previous testing was completed.

The test pumping of MP-2103 drew water levels in both the Production and Underlying Sands down. The time drawdown data for this test are graphically summarized in Attachment 3.4-B. While failure of the Level Troll 700 in OW-1307 limited the data collection on this well, the equivalent static hydraulic heads associated with these sands as well as the amount of drawdown recorded in OW-1307 (~1.8 feet) during the test indicate these sands are in hydraulic communication. As shown in Figures 3.3-3 through 3.3-8 in the Geology Section (Section 3.3), a continuous carbonaceous shale confining unit is present between the production and underlying sand in this area. Therefore, it is believed that the hydrologic communication in this area is most likely attributable to an improperly sealed historic drill hole or an improper annular seal on well OW-1307. The extent and magnitude of hydraulic communication in this area will be further defined during wellfield specific testing and additional operational controls and monitoring in the underlying area may be proposed based on results of those tests. Also, corrective actions may be taken to eliminate potential communication pathways.



JAB Test Results Summary

Results of the two aquifer tests that were completed at the JAB project area for this project, as well as those recorded previously by Hydro-Engineering (1984) indicate the following:

- > The Production Sand has hydraulic continuity across the eastern portion of the project area. Additional (wellfield) scale testing required by the NRC and WDEQ will demonstrate communication throughout the project area between the pumping well(s) and the monitor well ring to be installed.
- > The Production and Underlying Sands are in limited hydraulic communication. The degree of hydraulic communication varies across the site, and may be attributable to localized pathways such as an open historic drill hole or improperly sealed historic well since a continuous significant aquitard is present throughout most of the mineralized area. Testing to date has not indicated that local faults act as impermeable boundary conditions. However, as demonstrated by the MP-2069 pump testing located nearest to the known fault north of the mineralized area, the fault does not appear to provide a significant pathway of hydraulic communication.
- > Future work including mine unit testing will be conducted to demonstrate that an adequate continuous lower confining layer exists in the project area to minimize impacts on underlying aquifers, and to assess the hydraulic continuity of the Production Sand in the western half of the project area.

Antelope Aquifer Test Results

LA completed three aquifer tests in the Antelope project area. The tests were completed utilizing MP-4, M-13, and MP-16 as pumping wells. Test results are summarized in Table 3.4-10.

MP-4 Aquifer Testing

Starting on March 25, 2008, Well MP-4 was tested for 2,990 minutes at an average discharge rate of 21.5 gpm, while water levels were monitored in three observation wells. Observation wells M-4 and M-5 were utilized to monitor water levels in the 190-150 Sand at distances of approximately 76 and 2,058 feet, respectively. Observation well MU-4 was used to observe any water level changes in the lower portion of the 190-150 Sand, at a distance of approximately 7 feet from the pumping well.



Well	Date Tested	Analysis Method	Transmissivity (gpd/ft)	Storage Coefficient	Aquifer Thickness (ft)	Hydraulic Conductivity (gpd/ft ²)
MP-4	3/25/2008	Hantush, Cooper- Jacob, Theis Recovery	535 - 1350		295	1.8 – 4.6
M-4	3/25/2008	Hantush, Theis Recovery	2230 - 2400	3.6 x 10 ⁻³ –	295	7.5 – 8.1
M-13	4/1/2008	Hantush, Cooper- Jacob, Theis Recovery	169 – 578		280	0.6 – 2.1
MP-16	3/27/2008	Hantush, Cooper- Jacob, Theis Recovery	776 – 4830		80	9.7 – 60.4
M-16	3/27/2008	Hantush, Theis Recovery	614 - 3840 icient could not b	2.7×10^{-4}	80	7.6 - 48

Table 3.4-10	Summary of Horizontal Aquifer Properties of the Production Sand in
	the Antelope Project Area – March-April 2008

As summarized in Addendum C and Table 3.4-10, the transmissivity and hydraulic conductivity of the 190-150 Sand in the vicinity of MP-4 reflect confined leaky aquifer conditions. Transmissivity estimates made from pumping, recovery, and distance drawdown data for the 190-150 Sand range from 535 to 5,120 gpd/ft, with an average of 2,030 gpd/ft. Based on an average thickness of 295 feet, the hydraulic conductivity of the aquifer ranges from 1.8 to 17.4 gpd/ft², with an average of 6.9 gpd/ft². Based on observation well data, the average storage coefficient of the 190-150 Sand was estimated to be 2.0×10^{-3} . After approximately two days of pumping, the radius of influence of this well extended about 0.56 miles based on distance drawdown data.

The test pumping of MP-4 drew water levels down in the 190-150 Sand both at distance and at depth within this saturated Battle Springs Aquifer sandstone. Time drawdown data that are graphically presented in Addundum 3.4 C reveal that the water level in M-4 was immediately affected by pumping from the production well. These data also indicate that observation wells M-5 and MU-4 were not affected until late in the test and at roughly the

same time from roughly 3,000 to 3,500 minutes into the test, or during recovery of the pumping well. The maximum drawdown observed at these wells only amounted to 0.11 at MU-4 and 0.24 feet at M-5. While the amount of drawdown at either well is not significant, this impact of pumping MP-4 suggests either that the upper and lower sandstone members of the 190-150 Sand are in some degree of hydraulic communication, that barometric pressure fluctuations affected water levels, or a combination of these. The extent of these impacts will be evaluated further during wellfield scale testing.

M-13 Aquifer Testing

To test the productivity and aquifer characteristics of the 140-100 Sand, well M-13 was tested for 2,881 minutes at an average discharge rate of 19.4 gpm beginning on April 1, 2008. Water levels during this test were monitored at one observation well. Observation well MU-13 was utilized to monitor water levels in the underlying 90-50 Sand at a distance of approximately 135 feet from the pumping well.

The transmissivity and hydraulic conductivity of the 140-100 Sand (production zone) in the vicinity of M-13 reflect leaky confined aquifer conditions. Summarized in Table 3.4-10 and in Addendum 3.4-C, transmissivity estimates made from pumping and recovery data for this sand range from 169 to 578 gpd/ft, with an average of 349 gpd/ft. Based on an average thickness of 280 feet, the hydraulic conductivity of the aquifer ranges from 0.6 to 2.0 gpd/ft², with an average of 1.2 gpd/ft². A storage coefficient for the 140-100 Sand in this area could not be estimated because the observation well was not affected by the test.

The test pumping of M-13 drew water levels down in the 140-100 Sand, but did not affect water levels in the underlying 90-50 Sand. Time drawdown data that are graphically presented in Addendum 3.4-C reveal that the water level in MU-13 generally rose throughout the pumping portion of the test, and exhibited diurnal water level fluctuations (of up to ~ 0.1 feet) apparently in response to barometric pressure fluctuations. Regardless, the well did not appear to be impacted by pumping in the overlying sand. Part of the reason that this well was not affected may be due to the vertical spacing between completion intervals of these wells, which are noted on Table 3.4-6, and/or adequate confining unit between the sands.

MP-16 Aquifer Testing

Starting on March 27, 2008, well MP-16 was tested for 2,906 minutes at an average discharge rate of 13.9 gpm, while water levels were monitored in two observation wells. Observation well M-16 was utilized to monitor water levels in the 190-150 Sand at a distance of approximately 84 feet, while observation well MU-16 was used to monitor

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any water level changes in the lower portion of the 140-100 Sand, at a distance of approximately 21 feet from the pumping well.

As summarized in Addendum 3.4-C and Table 3.4-10, the transmissivity and hydraulic conductivity of the 190-150 Sand in the vicinity of MP-16 appear to reflect confined leaky aquifer conditions. The test data, however, are also affected by barometric pressure fluctuations. Transmissivity estimates made from pumping and recovery data for the 190-150 Sand range from 614 to 4,830 gpd/ft, with an average of 2,400 gpd/ft. Based on an average thickness of 80 feet, the hydraulic conductivity of the aquifer ranges from 7.7 to 60.4 gpd/ft^2 , with an average of 30.0 gpd/ft². Based on observation well data, the average storage coefficient of the 190-150 Sand was estimated to be 2.7×10^{-4} .

The test pumping of MP-16 drew water levels down in the 190-150 Sand, but did not appear to significantly impact water levels in the underlying 140-100 Sand. Time drawdown data that are graphically presented in Addendum 3.4-C reveal that the water level M-16 was immediately affected by pumping from the production well. The water level in MU-16 appears to be drawn down slightly toward the beginning of the test and rebounds later during the pumping portion and mimics the recovery of M-16 during the pumping portion of the test. Similar water level fluctuations during the later time data were also observed in the pumping well. LA attributes these fluctuations to changes in barometric pressure during and after the pumping portion of the test. Regardless, the MU-16 well did not appear to be impacted by pumping in the overlying sand again due to the vertical spacing between completion intervals of these wells and/or continuous confining unit between the sands.

Antelope Test Results Summary

Conclusions of the three aquifer tests that were completed at the Antelope project area for this project indicate the following:

- > The Battle Springs Aquifer in this area is comprised of a relatively thick package of leaky confined sandstone subaquifers that are in both lateral and vertical hydraulic communication at least within each defined sand unit, i.e. the 190-150 Sand at MP-4, on a local basis.
- > The extent to which designated overlying and underlying sandstone units are in hydraulic communication needs to be further addressed through additional pump testing with observation wells that better bracket the sandstones immediately above and below the designated shale units. Testing of M-13 and MP-16 suggests that adjoining sandstones may not be in hydraulic communication, but this may be attributable to the vertical spacing between the screened intervals in adjoining sands and/or confining conditions. Furthermore, barometric pressure fluctuations need to be accounted for during the tests.
- > Further aquifer testing will be conducted during future wellfield testing to assess the lateral hydraulic continuity of the various hydrostratigraphic sand units. This

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assessment will require additional monitoring wells completed within the respective sandstones and possibly longer pumping durations.

3.4.3 Water Quality

3.4.3.1 Surface Water Quality

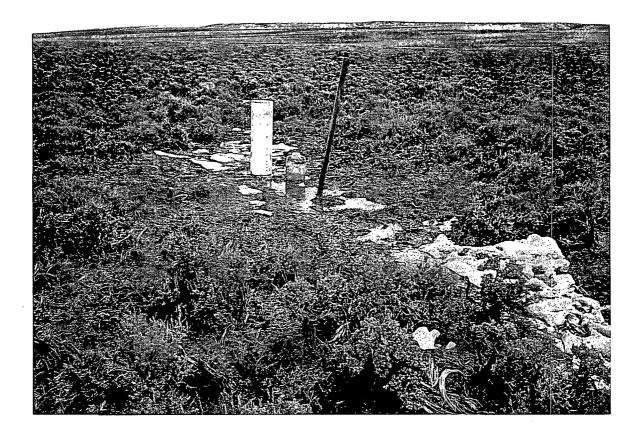
Within the Antelope and JAB project areas, surface water samples were collected from seven sampling locations in May, 2007. All locations are existing stock ponds or areas in drainages where ponding occurs. Locations of sample sites are shown on Figure 3.4-8 for JAB and Figure 3.4-9 for Antelope. Photographs of sampling sites JAB SW-1, JAB SW-4, and JAB SW-7 are included as Figures 3.4-16, 3.4-17, and 3.4-18. The parameters included in the surface water baseline water quality monitoring program are listed in Table 3.4-11. Tables showing the sampling results for all locations are included in Addendum 3.4-D. Table 3.4-12 lists the overall average concentrations detected in the surface water samples. One half of detection limit values were used for averaging nondetectable results. Historic surface water samples were collected in 1981 and 1982 from three springs in the JAB area (Appendix A) on Middle Lost Creek (T26N, R95W, S24), Upper Lost Creek (T26N, R94W, S4) and the Hadsell Spring (T26N, R94W, S30).

3.4-33

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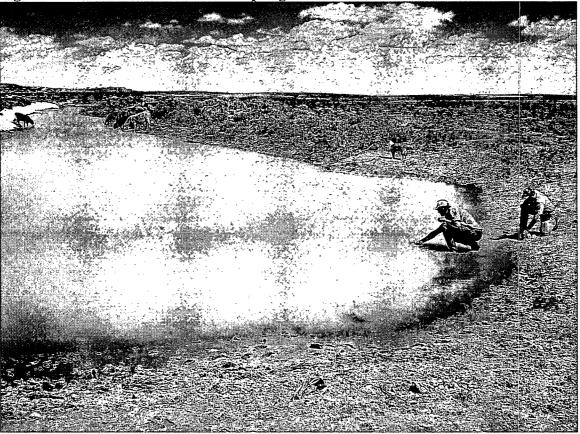


Figure 3.4-16 Surface Water Sampling Site JAB SW-1



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Figure 3.4-17Surface Water Sampling Site JAB SW-4



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Surface Water Sampling Site JAB SW-7 **Figure 3.4-18**



3.4-36



Project		
Major Ions	Trace Constituents	Radionuclides
Calcium	Aluminum (dissolved)	Gross Alpha
Magnesium	Ammonia (as N)	Gross Beta
Potassium (dissolved)	Arsenic (dissolved)	Radium-226 (dissolved)
Sodium	Barium (dissolved)	Radium-228 (dissolved)
Bicarbonate	Boron	
Chloride (dissolved)	Cadmium (dissolved)	
Carbonate	Chromium (dissolved)	
Sulfate	Copper (dissolved)	
Nitrate + Nitrite (as N)	Fluoride	
Silica	Iron (dissolved and total)	
Anions	Lead (dissolved)	
Cations	Manganese (dissolved and total)	
Anion/Cation Balance	Mercury (dissolved)	·
	Molybdenum (dissolved)	
General Water Chemistry		
Total Dissolved Solids (@ 180 F)	Nickel (dissolved)	
pH (field and laboratory measured)	Selenium (dissolved)	
Conductivity (field and lab measured)	Vanadium	
Temperature (field measured)	Zinc (dissolved)	

Table 3.4-11	Surface Water Monitoring Parameters - Antelope and JAB Ur	anium
	Project	

A trilinear diagram was developed to assess baseline water type (Figure 3.4-19). Although the data showed some variability, surface water in the region is predominantly of the sodium bicarbonate type. An assessment was made of the monitoring parameters to determine the general surface water quality. Total dissolved solids (TDS) varied in the seven surface water sampling sites. The maximum concentration was 346 mg/L at SW-2, and a minimum concentration of 14 mg/L was sampled at site 5. The average TDS over the seven sampling sites was 132 mg/L. Iron concentrations also varied within the sampling sites. A maximum concentration of 3.02 mg/L was detected at SW-4, and a minimum of 0.015 mg/L at SW-7, with an average iron concentration of 0.72 mg/L for all seven sites. Radium 226 was also detected at two surface water sampling sites, SW-2 and SW-4. The concentrations at each site were 5.2 pCi/L at SW-2 and 2.2 pCi/L at SW-4. Additionally, an average Gross Alpha value of 7.76 pCi/L for the seven sites suggests the presence of radionuclides in the surface water. TDS concentrations in the historic samples are generally higher than those detected in the 2007 samples. Iron concentrations were similar in the historic samples. Radionuclides were only analyzed in one surface water sample from the Upper Lost Creek site. Radium 226 was measured at 0.14 pCi/L at that time.

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Surface water quality was evaluated solely from sampling conducted during the spring. It is expected that samples collected during the spring will have lower values than samples taken during the fall due to dilution from snow melt and precipitation. Additional samples may be collected during the summer, fall and winter if adequate precipitation occurs to generate surface water to determine seasonal variability of surface water quality at the JAB and Antelope sites.

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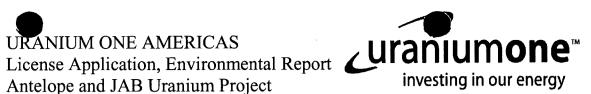
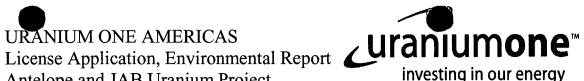


Table 3.4-12 Surface Water Quality Summary – Antelope and JAB Uranium Project

Table 5.4-12 Surface was	Test		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7			M	Median	Count
Analyte	Type1	Units	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/15/2007	5/15/2007	Average	Min	Max	Median	Count
A/C Balance (± 5)	DIS	%	10.2	3.56	21.1	4.37	42.9	4.03	13.2	14.194286	3.56	42.9	10.2	7
Anions	DIS	meq/L	0.717	4.71	0.545	3.25_	0.186	0.895	0.306	1.5155714	0.186	4.71	0.717	7
Bicarbonate as HCO3	DIS	mg/L	39	117	20	124	7	24	11	48.857143	7	124	24	7
Carbonate as CO3	DIS	mg/L	0.5	0.5	0.5	2	0.5	0.5	0.5	0.7142857	0.5	2	0.5	7
Cations	DIS	meq/L	0.585	4.39	0.837	3.55	0.074	0.825	0.234	1.4992857	0.074	4.39	0.825	7
Chloride	DIS	mg/L	0.5	4	0.5	3	0.5	1	0.5	1.4285714	0.5	4	0.5	7
Conductivity	DIS	umhos/cm	64.5	404	41.3	278	5	50	22.6	123.62857	5	404	50	7
Fluoride	DIS	mg/L	0.1	0.2	0.05	0.2	0.05	0.1	0.05	0.1071429	0.05	0.2	0.1	7
рН	DIS	s.u.	7.35	8.07	7.44	8.42	6.48	7.63	6.65	7.4342857	6.48	8.42	7.44	7
Solids, Total Dissolved Calculated	DIS	mg/L	33	294	38	207	125	58	17	110.28571	17	294	58	7
Solids, Total Dissolved TDS @ 180 C	DIS	mg/L	46	346	102	238	14	146	32	132	14	346	102	7
Sulfate	DIS	mg/L	2	128	9	52	3	19	6	31.285714	2	128	9	7
TDS Balance (0.80 - 1.20)	DIS	dec. %	1.39	1.18	2.68	1.15	125	3.1	1.88	19.482857	1.15	125	1.88	7
Nitrogen, Ammonia as N	DIS	mg/L	3.93	0.05	0.09	0.025	0.07	0.025	0.025	0.6021429	0.025	3.93	0.05	7
Nitrogen, Nitrate+Nitrite as N	DIS	mg/L	0.1	0.05	0.3	0.05	0.05	0.9	0.1	0.2214286	0.05	0.9	0.1	7
Iron	тот	mg/L	0.33	1.36	1.18	2.46	0.28	7.05	1.1	1.9657143	0.28	7.05	1.18	7
Manganese	тот	mg/L	0.02	0.05	0.03	0.06	0.02	0.59	0.07	0.12	0.02	0.59	0.05	7
Aluminum	DIS	mg/L	0.3	1.7	2.7	0.6	0.1	0.7	0.05	0.8785714	0.05	2.7	0.6	7
Arsenic	DIS	mg/L	0.002	0.003	0.001	0.004	0.0005	0.005	<0.001	0.0025833	0.0005	0.005	0.0025	6
Barium	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Boron	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Cadmium	DIS	mg/L	< 0.005	<0.005	<0.005	< 0.005	<0.005	< 0.005	< 0.005	< 0.005				
Calcium	DIS	mg/L	2	19	3	22	0:5	0.5	2	7	0.5	22	2	. 7
Chromium	DIS	mg/L	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05				ļ
Copper	DIS	mg/L	<0.01	<0.01	< 0.01	< 0.01	<0.01	< 0.01	< 0.01	<0.01				<u> </u>
Iron	DIS	mg/L	0.12	0.38	0.6	3.02	0.06	0.83	0.015	0.7178571	0.015	3.02	0.38	7
Lead	DIS	mg/L		0.0005	0.001	0.002	0.0005	0.0005	0.0005	0.0007857	0.0005	0.002	0.0005	7

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Analyte Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silica Sodium Uranium Vanadium Zinc Gross Alpha MDC Gross Beta	Test	Units	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	Average	Min	Max	Median	Count
	Type1	Units	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/15/2007	5/15/2007	Average		IVIAA	Wieulan	Count
Magnesium	DIS	mg/L	0.5	5	0.5	6	0.5	0.5	0.5	1.9285714	0.5	6	0.5	7
Manganese	DIS	mg/L	0.04	0.005	0.005	0.01	0.005	0.005	0.005	0.0107143	0.005	0.04	0.005	7
Mercury	DIS	mg/L	< 0.001	<0.001	< 0.001	< 0.001	< 0.001	<0.001	<0.001	< 0.001		-		
Molybdenum	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Nickel	DIS	mg/L	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05				
Potassium	DIS	mg/L	3	4	I	3	0.5	4	2	2.5	0.5	4	3	7
Selenium	DIS	mg/L	0.001	0.001	0.001	0.001	0:0005	0.0005.	0.001	0.0008571	0.0005	0.001	0.001	7
Silica	DIS	mg/L	3.8	13.6	6.8	19.9	0.6	9.9	0.9	7.9285714	0.6	19.9	6.8	7
Sodium	DIS	mg/L	0.5	61	6	38	0.5	6	0.5	16.071429	0.5	61	6	7
Uranium	DIS	mg/L	0.00015	0.0044	0.00015	0.0042	0.00015	0.0003	0.00015	0.0013571	0.0002	0.004	0.0002	7
Vanadium	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	DIS	mg/L	0.05	0.005	0.01	0:005	0.005	0.005	0.005	0.0121429	0.005	0.05	0.005	7
Gross Alpha	DIS	pCi/L	5.8	19.5	5.6	16.8	1.6	3.8	1.2	7.7571429	1.2	19.5	5.6	7
Gross Alpha MDC	DIS	pCi/L												
Gross Beta	DIS	pCi/L	5.8	14.4	5.7	11	2.1	4.2	2.3	6.5	2.1	14.4	5.7	7
Radium 226	DIS	pCi/L	0.1	5.2	0.1	2.2	0:1	0:1	.0.14	1.1285714	0.1	5.2	0.1	7
Radium 226 MDC	DIS	pCi/L												
Radium 228	DIS .	pCi/L	1.5	0.5	0.5	0.5	0:5	0.5	0.5	0.6428571	0.5	1.5	0.5	7

1. Test Type Codes: DIS = Dissolution, TOT = Total

Highlighted values represent values under detectable limit. For averaging purposes, value presented is 1/2 the limit value (e.g. 0.5 = <1)

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3.4.3.2 Ground Water Quality

Regional Ground Water Quality

Water Quality in the Great Divide Basin ranges from poor to excellent. Total dissolved solid (TDS) values in all the aquifers tend to degrade towards the center of the basin, away from the recharge areas and to where the sediments are thickest. Ground water in the shallower, more permeable aquifers has better water quality. The best water quality in the area is found within the Quaternary gravels and the Battle Springs where TDS values are consistently less than 1,000 mg/L. Although the deeper aquifers, such as the Mesa Verde, tend to have poorer water quality, the quality tends to be highly variable and in locations near recharge areas they can provide good quality water.

Sources of ground water quality data for the Great Divide Basin include the National Water Information System, the Wyoming Water Resources Data System and the following authors: Welder and McGreevy, 1966; Fisk, 1967; and Collentine et al., 1981. A short summary of the ground water quality of the major producing aquifers follows.

Quaternary Gravels

Water from the Quaternary gravels generally has less than 1,000 mg/L of TDS. Ouaternary waters contain mainly sodium and chloride. The presence of saline alluvial waters is associated with sodium and sulfate enrichment caused by evapotranspiration and seepage upwards along faults from deeper aquifers.

Battle Springs

The Battle Springs Aquifer typically contains less than 500 mg/L TDS. TDS values may be less than 200 mg/L in the northeastern Great Divide Basin where the JAB and Antelope sites are located. The lower TDS waters are primarily of the sodiumbicarbonate type. As the TDS values approach 1,000 mg/L, the water increases in concentrations of calcium-sulfate. Calcium-sulfate enrichment is attributed to the common presence of calcium-magnesium soil horizons and to the dissolution of gypsum and anhydrite.

Fort Union and Lance/Fox Hills

The Fort Union and Lance Aquifers tend to be more saline with higher TDS values, but are highly variable in composition. It is thought that the Lance waters are generally of the sodium-sulfate type although some exceptions show chloride enrichment. TDS values for the Lance can be less than 2,000 mg/L near outcrops to over 35,000 mg/L at deeper depths. TDS values ranging from 800 to over 60,000 mg/L have been recorded for the



Fort Union Aquifer. The high salinity of these waters is most likely due to restricted ground water flow and/or upward migration of saline waters from the Mesa Verde.

Mesa Verde

The Mesa Verde Aquifer has wide variability in TDS concentrations and major ion compositions. TDS values vary from less than 500 to over 50,000 mg/L. The lowest values (<1,000mg/L) are limited to outcrop zones and salinity typically increases away from the outcrops. The high salinities basinward are attributed to fault related restriction of ground water flow and the influx of saline waters from adjacent shales. Water composition varies with the salinity. The lowest TDS waters are of the sodiumbicarbonate type. TDS values between 1,000 and 3,000 mg/L exhibit enrichment in calcium sulfate most likely from the dissolution of gypsum/anhydrite. The most saline water is characterized by dissolved sodium, chloride, and bicarbonate and is relatively free of sulfate.

Frontier

TDS values range from 500 to 60,000 mg/L in the Frontier Aquifer. Low TDS values are restricted to outcrop areas along the Sierra Madre Uplift in the Washakie Basin to the south. Near the JAB and Antelope sites, oil field data north of Rawlins suggests TDS values between 1,300 and 3,200 mg/L is likely in the Frontier Aquifer. As TDS increases, the composition of the ground water moves from predominantly sodium-bicarbonate to predominately sodium chloride. At TDS levels above 1,000 mg/L little calcium, magnesium or sulfate are present.

Ground Water Monitoring Network and Parameters

A monitoring well network within the Antelope and JAB Uranium Project area has been installed over the past 30 years for the purpose of regional ground water sampling to establish baseline (pre-mining) ground water conditions. The network consists of eight monitoring wells in the JAB area, all of which are completed in the production zone, and 21 in the Antelope area, of which four are completed in the underlying aquifer (MU-2, MU-4, MU-13, and MU-16). The locations of the monitor wells that were sampled for water quality are shown on Figures 3.4-8 and 3.4-9 and a summary of well construction information can be found in Table 3.4-6 The parameters included in the Antelope and JAB Uranium Project Monitoring Program are listed below in Table 3.4-13



Table 3.4-13	Ground Water	Sampling	Parameters -	Antelope and	JAB Uranium
	Project				

	Dadianualidaa		
	Radionuclides		
Aluminum (dissolved)	Gross Alpha		
Ammonia (as N)	Gross Beta		
Arconia (dissolved)	Lead-210 (dissolved		
Arsenic (dissorved)	and suspended		
	Polonium-210		
Barium (dissolved)	(dissolved and		
	suspended)		
2	Radium-226 (dissolved		
Boron	and suspended)		
Cadmium (dissolved)	Radium-228 (dissolved)		
	Thorium-230 (dissolved		
Chromium (dissolved)	and suspended)		
	Uranium (dissolved and		
Copper (dissolved)	suspended)		
Fluoride	suspended)		
· · · · · · · · · · · · · · · · · · ·			
/			
Molybdenum (dissolved)			
Nickel (dissolved)			
Salanium (dissalued)			
Vanadime			
v anadium			
Zinc (dissolved)			
	Arsenic (dissolved) Barium (dissolved) Boron Cadmium (dissolved) Chromium (dissolved) Copper (dissolved) Fluoride Iron (dissolved) Hanganese (dissolved and total) Lead (dissolved) Manganese (dissolved and total) Mercury (dissolved) Molybdenum (dissolved) Nickel (dissolved) Selenium (dissolved) Vanadium		

Seven of the 21 wells in the Antelope area were only sampled once in the last year and 13 were sampled twice. However, six of the eight wells in the JAB area have been sampled at least three times between June 2007 and April 2008, with the remaining two having just been constructed and therefore only sampled once in spring 2008. Uranium One will continue to collect water quality samples on a quarterly basis. The initial monitoring and future monitoring of the entire well network, will provide a comprehensive record of water quality that will better define baseline conditions in the two proposed mining areas.



Water Quality Sampling

Eight wells in the JAB area and 21 wells in the Antelope area were sampled between June 2007 and April 2008 for water quality. The samples were analyzed for the list of constituents described under the current WDEQ/LQD Guideline 8 (March 2005) for uranium mining (Table 3.4-13).

Prior to sampling each well, the static water level was measured from the top of casing with an electronic water level reader and recorded. The total depth of each well was then measured with a weighted tape measure and also recorded. With these two known depths and the diameter of the well, the volume of standing water present (casing volume) was determined. Once pumping commenced, the temperature, pH, and conductivity of the water were measured and recorded on field sampling forms at every half-casing volume evacuated. Ideally, these parameters will reach equilibrium before sampling occurs, which ensures the sampled water is from the aquifer and not water from within the well casing. Typically, a minimum of three casing volumes were evacuated out of the well with a submersible pump before parameter equilibrium was reached and sample collection conducted.

Each bottle was labeled with a permanent marker denoting the project number, the well name, and the date and time of sampling. One bottle was collected and immediately preserved with sulfuric acid, all other bottles were collected unpreserved (raw). Filtering of appropriate samples was conducted at the analytical laboratory. The samples were immediately stored in a cooler to maintain a relatively constant temperature and delivered to Energy Laboratories in Casper, Wyoming to be analyzed for WDEQ/LQD Guideline 8 parameters for uranium mining. Chain of custody documents accompanied the samples to the laboratory

Water Quality Analysis

After the samples were analyzed by Energy Laboratories, copies of the results were sent to Lidstone and Associates. The laboratory data sheets are included in Addendum 3.4-D. The data were then entered into spreadsheets compiling all sampled results for 2007 and 2008 for each well. Of the 29 wells, 7 wells in Antelope and two in JAB were sampled only once, and 14 wells in Antelope were sampled twice. Two JAB wells, MW-1291 and MW-1292, were sampled four times in the last year and four wells (MW-1298, MW1299, MW 1300, JAB #1) were sampled three times. Historic wells in the JAB area were sampled 5 times in the 1980-1982 time period.

To check the accuracy of the data, and to evaluate indicator parameter trends, the average of each parameter for each well was calculated, if there was more than one data set. Single analyses that deviated largely from other samples of the same well were searched

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for and noted to identify potential outliers or possible contaminated samples. Questionable data appeared on two samples from wells MW-1298 and MW-1299 in the JAB area that were collected on September 21, 2007. Comparing those analyses to the entire data set, suggested that the results for the two samples had been transposed. An attempt was made to contact Energy Laboratories to resolve this issue, but samples are discarded after six months and were no longer available for reanalysis. The data for that round of sampling has been omitted from the average.

To further evaluate baseline water quality, trilinear diagrams of the average major cations and anions were prepared for the JAB and Antelope areas. The trilinear diagrams are presented as Figures 3.4-20 and 3.4-12. The trilinear diagrams were created using Schlumberger AquaChem version 5.1-151 software. The average concentration of major ions (potassium, sodium, calcium, magnesium, chloride, sulfate, and bicarbonate) was entered for each well sampled.

Water Quality Results

From an assessment of the trilinear diagrams, ground water at both JAB and Antelope is predominantly of the calcium sulfate to calcium bicarbonate type with a linear trend from sodium-bicarbonate towards calcium sulfate. JAB water is noticeably more calciumsulfate rich than the Antelope water, which appears to have much higher levels of carbonate and slightly higher levels of sodium than the JAB water. The observations made from the tri-linear diagrams match what is expected of Battle Springs Aquifer water. Within the Battle Springs Aquifer, the water moves from a sodium-bicarbonate type to a calcium-sulfate type as total dissolved solids increase. At JAB, the higher TDS values are reflected in the higher concentrations of calcium and sulfate. The linear trends on both the JAB and Antelope trilinear diagrams reflect this same pattern; the wells with high concentrations of calcium and sulfate were also measured as having higher TDS values. The calcium sulfate enrichment of the water is attributed to the common presence of calcium-magnesium soils and the dissolution of gypsum and anhydrite.

Table 3.4-14 lists the overall average concentrations of parameters for Antelope and JAB. One half of detection limit values were used for averaging non-detectable results. A majority of the analyte concentrations of sampled water in the JAB and Antelope areas are within WDEQ Guideline 8 parameters for agricultural water (Class II). Results of the baseline monitoring program for each well are summarized in tables in Addendum 3.4-D There are some notable variations of sampled data not included in the tri-linear diagrams that are worth discussing.

First, total dissolved solids (TDS) varies greatly in both proposed mining areas. In the JAB area, concentrations varied from 202 to 2120 mg/L, with an average of 919 mg/L. In the Antelope area, concentrations were notably lower, with an average of 232 mg/L and a

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maximum of 639. The WDEQ Class I/II limits on TDS are 500 and 2000 mg/L, respectively. These results generally indicate Class II ground water at JAB and Class I ground water at Antelope with respect to TDS. However, due to high radium levels, groundwater located within uranium mineralized areas is unsuitable for human or livestock consumption. As a result, these waters can be characterized as Class VI water.





Table 3.4-14 Summary of Water Quality Averages – Antelope and JAB Uranium Project

Project	Test		Surface	Ground	d Water
Analyte	Type ¹	Units	Water	JAB	Antelope
A/C Balance (+ 5)	DIS	%	14.19	2.75	3.54
Anions	DIS	meq/L	1.52	13.04	3.96
Bicarbonate as HC03	DIS	mg/L	48.86	101.86	139.87
Carbonate as CO3	DIS	mg/L	0.71	<1	1.73
Cations	DIS	meq/L	1.50	12.41	4.04
Chloride	DIS	mg/L	1.43	8.18	3.50
Conductivity	DIS	umhos/cm	123.63	1135.32	360.97
Fluoride	DIS	mg/L	0.11	0.35	0.21
pH	DIS	s.u.	7.43	7.75	8.21
Solids, Total Dissolved Calculated	DIS	mg/L	110.29	859.23	246.47
Solids, Total Dissolved TDS @ 180 F	DIS	mg/L	132.00	919.27	232.37
Sulfate	DIS	mg/L	31.29	533.76	71.80
TDS Balance (0.80 – 1.20)	DIS	dec. %	19.48	1.05	0.95
Nitrogen, Ammonia as N	DIS	mg/L	0.60	0.03	0.06
Nitrogen, Nitrate+Nitrites as N	DIS	mg/L	0.22	0.07	0.11
Iron	TOT	mg/L	1.97	0.16	0.67
Manganese	TOT	mg/L	0.12	0.08	0.02
Aluminum	DIS	mg/L	0.88	< 0.1	<0.1
Arsenic	DIS	mg/L	0.00	0.01	0.01
Barium	DIS	mg/L	<0.1	< 0.1	<0.1
Boron	DIS	mg/L	<0.1	< 0.1	<0.1
Cadmium	DIS	mg/L	< 0.005	< 0.005	< 0.005
Calcium	DIS	mg/L	7.00	186.91	54.47
Chromium	DIS	mg/L	< 0.05	< 0.05	< 0.05
Copper	DIS	mg/L	< 0.01	< 0.01	< 0.01
Iron	DIS	mg/L	0.72	0.02	0.07
Lead	DIS	mg/L	0.00	0.00	0.00
Magnesium	DIS	mg/L	1.93	13.14	4.62
Manganese	DIS	mg/L	0.01	0.07	0.02
Mercury	DIS	mg/L	< 0.001	< 0.001	< 0.001
Molybdenum	DIS	mg/L	<0.1	< 0.1	< 0.1



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Table 3.4-14	Summary of Water Quality Averages – Antelope and JAB Uranium
	Project Cont'd

Froject Cont a										
Nickel	DIS	mg/L	< 0.05	< 0.05	< 0.05					
Potassium	DIS	mg/L	2.50	5.14	4.13					
Selenium	DIS	mg/L	0.00	0.01	0.00					
Silica	DIS	mg/L	7.93	17.47	17.97					
Sodium	DIS	mg/L	16.07	41.45	18.87					
Uranium	DIS	mg/L	0.00136	0.26	0.11					
Vanadium	DIS	mg/L	< 0.1	< 0.1	<0.1					
Zinc	DIS	mg/L	0.01	0.03	0.01					
Gross Alpha	DIS	pCi/L	7.76	881.69	216.56					
Gross Alpha MDC	DIS	pCi/L	NA	3.38	1.49					
Gross Beta	DIS	pCi/L	6.50	.304.55	84.47					
Gross Beta MDC	DIS	pCi/L	NA	5.25	2.54					
Lead 210	DIS	pCi/L	NA	12.57	17.56					
Polonium 210	DIS	pCi/L	NA	26.46	3.72					
Radium 226	DIS	pCi/L	1.13	102.95	56.18					
Radium 226 MDC	DIS	pCi/L	NA	0.24	0.22					
Radium 228	DIS	pCi/L	0.64	3.83	3.86					
Radium 228 MDC	DIS	pCi/L	NA	1.45	1.11					
Thorium 230	DIS	pCi/L	NA	3.03	0.08					
Lead 210	SUS	pCi/L	NA	10.56	19.47					
Polonium 210	SUS	pCi/L	NA	23.28	1.65					
Radium 226	SUS	pCi/L	NA	6.55	0.58					
Radium 226 MDC	SUS	pCi/L	NA	1.90	0.57					
Thorium 230	SUS	pCi/L	NA	1.52	0.29					
Uranium	SUS	mg/L	NA	0.04	0.00					
1. Test Type Codes: DIS	= Dissolution		tal, SUS - Suspe	ensioin						

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Sulfate levels also vary between the Antelope and JAB areas. Similarly to TDS, sulfate concentrations in Antelope were much lower than JAB. The average concentration in JAB was 534 mg/L, with a maximum of 1340 mg/L. These levels put virtually all ground water in JAB well above WDEQ Class I and Class II limits of 250 and 200 mg/L, respectively. The Antelope area, on the other hand, had an average concentration of only 83 mg/L, with a maximum of 337 mg/L. The maximum concentration observed was recorded in only one well (M-15), and is the only concentration in the area that exceeds the Class I and Class II limits.

With a few exceptions, trace elements in the project area met Class I ground water limits, with most being less than applicable detection limits. The exceptions included iron, manganese, and pH. Iron concentrations in monitoring wells M-10 and M-15 in the Antelope area exceeded the Class I limit of 0.3 mg/L. Concentrations were as high as 0.7 mg/L, which is still well below the Class II limit of 5.0 mg/L. Manganese was detected in several samples from both Antelope and JAB areas. One well in the JAB area, MW-1291, had manganese concentrations of 0.28 twice, 0.29, and 0.3 mg/L over four rounds of sampling, which consistently exceeds the Class II limit of 0.2 mg/L. Well MP-2069 was the only other well that had manganese concentrations that exceeded Class I limits in the JAB area. Several wells in the Antelope area had manganese concentrations above the Class I limit of .05 mg/L, with the highest being 0.15 mg/L. Lastly, laboratory pH levels at the Antelope area were slightly higher than at JAB, with an average of 8.2 at Antelope compared with 7.75 at JAB. Two samples from Antelope exceeded the Class III limit of 9.0, with a maximum pH of 9.62 on the sample from well MU-4, which also contained the lowest concentrations of bicarbonate and sulfate in the Antelope area.

Almost every production zone ground water sample analyzed, from both Antelope and JAB, had radium 226 concentrations that exceeded WDEQ's limit of 5 pCi/L. Additionally, two wells in Antelope, which are constructed in the underlying aquifer, MU-2 and MU-13, had radium 226 concentrations above 5 pCi/L. The maximum concentration detected was 1100 pCi/L in well MP-2069, and the averages for the entire areas were 103 pCi/L at JAB and 56 pCi/L at Antelope. The excessive Radium 226 concentrations make the overall ground water in the area Class IV (industrial). The ground water can be classified more specifically as Class IV A, due to the fact that TDS does not exceed 10,000 mg/L.

Four rounds of water quality data were collected from JAB wells JAB No. 1, MW-1291, MW-1292, MW-1298, MW-1299, MW-1300, and OW-1303 from September, 1980 through November, 1982 (Hydro-Engineering, 1984). In general the water quality characteristics in the 2007 and 2008 data from these wells are similar to those observed in the historic sampling (Appendix A).

In summary, ground water within the production zone aquifer is generally of the calcium bicarbonate to calcium sulfate type and can be classified as a type IV A water due to the high Radium 226 and low TDS concentrations. This baseline analysis is intended to evaluate the overall quality of ground water underlying the proposed License/Permit Area under pre-mining conditions. Additional ground water sampling is required before excursion control limits and restoration criteria can be established.

3.4.4 Water Rights

3.4.4.1 Surface Water Rights

Existing surface water rights within 0.5 mile of the Antelope and JAB permit boundaries were queried using the Wyoming State Engineers Office (WYSEO) Water Rights Database (WYSEO, 2002). No adjudicated water rights were found. No active surface rights were found within 0.5 mile of the Antelope boundary. Only one active surface right was located within 0.5 mile of the JAB property boundary.

Within 0.5 mile of the JAB permit boundary there are many points of use for permit P29898D (CO2 Pipeline Water Haul), but this permit has been cancelled with the WYSEO. One active, un-adjudicated surface water right for stock use was found just to the south of the JAB permit boundary in the northwest quarter of T26N R94W Section 23. The permit number for this water right is P223S and a summary of this water right is provided in Table 3.4-15. The location of this water right is displayed on Figure 3.4-22. Throughout all phases of the project, Uranium One intends to ensure that this stock reservoir is not impacted in a manner that restricts its intended use.

Table 3.4-15Summary of Active Surface Water Rights Within One-Half Mile of
the Antelope/JAB Permit Boundary – Antelope and JAB Uranium
Project

		jeer	-					-	
Permit Number	Legal Location	Qtr Qtr	Status	Use	Facility Name	Permit Applicant	Priority Date	Permitted Area	Permit Source
P233S	T26N R94W Section 23	NW SW SW NW SE NW NE SW	UNA	STO	Dry Gulch Stock Reservoir	Bessie A. Mitchell	6/13/1946	1.69 ac ft	McIntosh Gulch



3.4.4.2 Ground Water Rights

Existing active ground water rights within a three mile buffer of the Antelope and JAB permit boundaries were queried using the WYSEO Water Rights Database (WYSEO, 2002). All abandoned or cancelled water rights were discarded from the search. It should be noted that no adjudicated water rights were found within the queried area. Twenty seven permitted wells were identified which are not permitted to Uranium One, and 29 wells were identified which are permitted to Uranium One. A listing of these wells displaying information such as permit numbers, priority, status, use, well depth, yields, static water level, and completion intervals are presented in Addendum 3.4-E. A map showing the location of all permitted wells is presented on Figure 3.4-22.

Of the wells not permitted to Uranium One, there are nine stock wells, four industrial wells, one domestic well, ten miscellaneous wells, two monitoring wells and three test wells. Eighteen of the wells are attributed to some form of mining or exploration by energy resource companies. Eight of the remaining wells are stock wells owned by the Bureau of Land Management (BLM). The last two wells are the Baron Butte #1 well and the Osborne #1 well, which are owned by the State of Wyoming- John McIntosh and the Sun Land/Cattle Co., respectively. Baron Butte #1 is a domestic and stock well and Osborne #1 is a stock well.

The monitoring, test and miscellaneous use wells related to energy resource mining are not permitted for consumptive use. There are four permitted consumptive industrial use wells associated with energy resource mining and exploration. These industrial wells include: LC 129 W, MAPCO Whiskey Peak Unit #1-33, and the Ralph E. Murphy wells #1 and #2. All of these wells are positioned up-gradient of ground water flow. Although not formally filed as abandoned with the WYSEO, it is believed that these wells may no longer be in use since they were all permitted prior to 1980 by oil energy exploration companies that are no longer active in the area.

The BLM stock wells are drilled to depths between 200 and 450 feet and typically yield between 5 and 25 gpm. These wells are likely completed into the same aquifer as the production sand. However, since the production sand dips south and west the majority of these wells are up-dip and thus up-gradient of ground water flow, meaning that impact will be minimal to non-existent. The exceptions are the Osborne Draw Well #123, Eagle Water Well #1, and Powerline well. These wells are located down gradient, but since they are all located more than two miles from the mining boundary, no impact is expected.

The Osborne well #1 is close to the Osborne Draw Well #123 mentioned above. This well is a stock well owned by the Sun Land/Cattle Co. It is 280 feet deep and yields around 10 gpm. The static water level suggests 30 feet of saturation in the well. The

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perforated interval is 250 to 280 feet. Due to the proximity and completion similarities the opinion addressed above for the Osborne Draw well applies to this well.

The Baron Butte #1 well is the only domestic well within the three mile buffer. It is located approximately a mile and a half north of the most eastern portion of the Antelope permit boundary. It is 105 feet deep, yields 8 gpm and is perforated between 85 and 105 feet below ground surface. Since the completion interval for this well is stratigraphically higher than the sands targeted for ISR production and is up-gradient of ground water flow, it is not expected to be impacted by mining.

In summary, no impact is expected for wells positioned north to northeast of the mining boundaries since ground water flow is generally to the south to southwest. The wells which are located downgradient include the wells to the west and southwest of the permit boundary, but due to their distance from the boundary no impact is expected. These wells are: Osborne Draw Well #123, Osborne #1, Powerline well, and the Eagle water well. Uranium One intends to correspond with BLM and the Sun Land/Cattle Co. throughout all phases of the project to ensure that these stock reservoirs and wells are not impacted in a manner that restricts their intended use.

Of the wells owned or permitted to Uranium One, 16 are located within the Antelope permit boundary and 14 are located within the JAB permit boundary. The JAB wells were previously owned by UMETCO Minerals Corporation and the Energy Metals Corporation but are now all owned by Uranium One, Inc. Currently, all of the Uranium One wells are permitted by the WSEO as monitor wells. Ten of the 16 monitor wells at Antelope are new wells while six were re-permitted existing wells. Uranium One is using the Bairoil Road Stock well owned by BLM as monitoring well M-15. Uranium One has obtained permission from the BLM to use this well for their purposes. Table 3.4-16 summarizes the re-permitted wells which are being used by Uranium One. Installation of wells for a project of this size is on-going and it is expected that more wells will be permitted in the future.

Currently the project consumes a negligible amount of ground water for well development, monitoring, testing and miscellaneous purposes related to uranium exploration. Besides uranium exploration and mining, stock pond wells will most likely remain the main ground water use in the area.

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Table 3.4-16	Re-permitted Wells Used by Uranium One – Antelope and
	JAB Uranium Project

Monitor Well	Facility Name	* Applicant		Priority	Status	Uses
M-1	749	USDI, BLM** Inc. Newpark Resources	P46333W	11/8/1978		MIS
M-4	Lee #1	Energy Metals Corp.	P183531W	9/6/2007	UNA	MIS
M-5	Cameco #3	USDI, BLM** Cameco Resources U.S. Inc.	P101718W	3/6/1996	CAN	MIS
M-7	Ross & Rox #1	USDI, BLM** Kerr-McGee Corp	P34544W	8/6/1976	CAN	MIS
	Ross & Rox #1	USDI, BLM** Kerr-McGee Corp	P51983W	4/16/1980	CAN	TEM IND
M-10	Jinny #1	Uranium One dba Energy Metals Corp	P184391W	1/3/2008	UNA	MIS
M-15	Bairoil Road	USDI, BLM Rawlins District	P55119W	12/24/1980	GST	STO

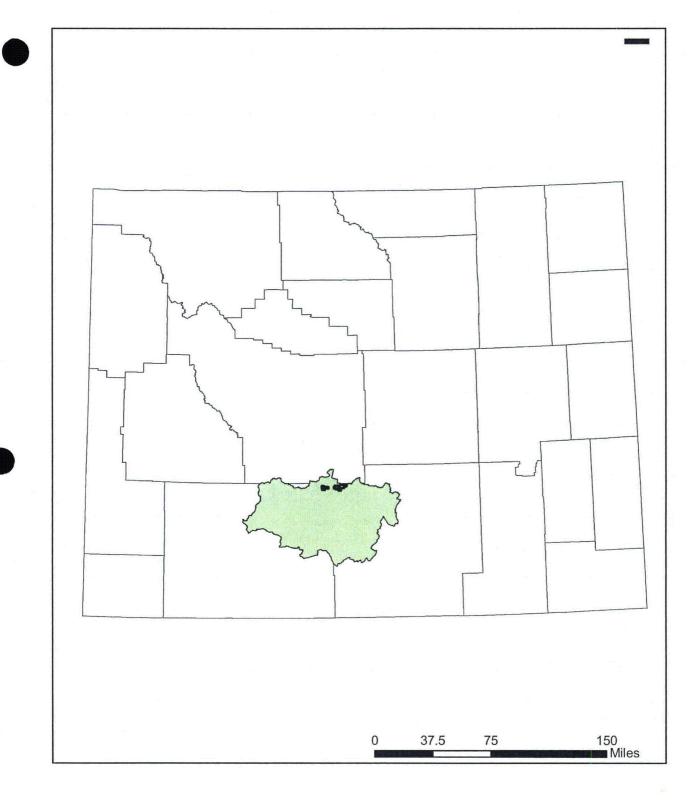


3.4.5 References

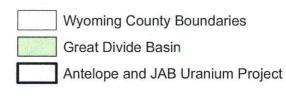
- Collentine, M. et. al. 1981. Occurrence and characteristics of ground water in the Great Divide and Washakie Basins, Wyoming: Water Research Institute, University of Wyoming, report for the U.S. Environmental Protection Agency, report code G-008269-79.
- Cooper, H.H. and C.E. Jacob. 1946. A Generalized Graphical Method for Evaluating Formation Constants and Summarizing Well Field History: American Geophysical Union Transactions, Vol. 27, pp. 526-534.
- Fisk, E.P. 1967. Groundwater geology and hydrology of the Great Divide and Washakie basins, south central Wyoming: M.S. Thesis, University of Southern California.
- Hantush, M.S. and C.E. Jacob. 1955. Non-Steady Radial Flow in an Infinite leaky Aquifer: Transactions of the American Geophysical Union, Vol. 36, pp. 95-100.
- Hydro-Engineering. 1984. Hydrology of the JAB Project Area: Consultant's report prepared for Umetco Minerals Corporation.
- Lowham. 1976. Techniques for Estimating Flow Characteristics of Wyoming Streams, U.S. Geological Survey, Water Resources Investigation 76-112.
- Mason, J.P. and K.A. Miller. 2005. Water Resources of Sweetwater County, Wyoming. U.S. Department of the Interior and U.S. Geological Survey. Scientific Investigations Report 2004-5214.
- Miller, J.F., R.H. Frederick, and R.J. Tracey. 1973. Precipitation-Frequency Atlas of the Western United States: Volume II – Wyoming. U.S. Department of Commerce. National Oceanic and Atmospheric Administration Stock Number 0317-00155.
- Schlumberger Water Services. 2008. Aquifer Test Pro 4.2[™], Aquifer Test data analysis software package.
- Theis, C.V. 1935. The Relation between the Lowering of the Piezometric Surface and the Rate and Duration of Discharge of a Well using Groundwater storage: Trans. American Geophysical Union, Vol. 16, pp. 519-524.
- U.S. Geological Survey in cooperation with U.S. Environmental Protection Agency. 2002. National Hydrography Dataset. http://data.geocomm.com/. Accessed May 26, 2008.

URANIUM ONE AMERICAS License Application, Environmental Report Antelope and JAB Uranium Project Section 3.4 – Water Resources

- Welder, G.E. and L.J. McGreevy. 1966. Ground-water reconnaissance of the Great Divide and Washakie Basins and some adjacent areas, southwestern Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas HA-219.
- Whitehead, R.L. 1996. Ground water Atlas of the United States: Montana, North Dakota, South Dakota, Wyoming: U.S. Geological Survey Hydrologic Investigations Atlas HA 730-I. <u>http://capp.water.usgs.gov/gwa/ch_i/index.html</u>.
- Wyoming State Engineers Office. 2002. Water Rights Database <u>http://seo.state.wy.us/wrdb/index.aspx</u>. Wyoming State Engineer's Office. Accessed April, 2008.
- U.S. Fish and Wildlife Service. 2007. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Department of the Interior, Fish and Wildlife Service, Washington, DC. FWS/OBS-79-31. U.S. Fish and Wildlife Service, Division of Habitat and Resource Conservation. <u>http://wetlandsfws.er.usgs.gov</u>. Accessed May 26, 2008.







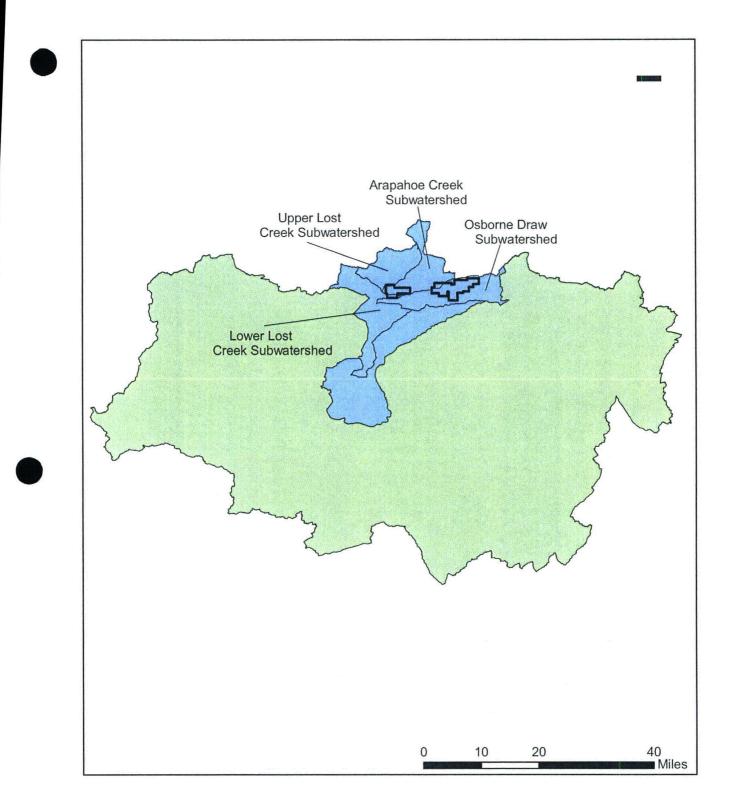
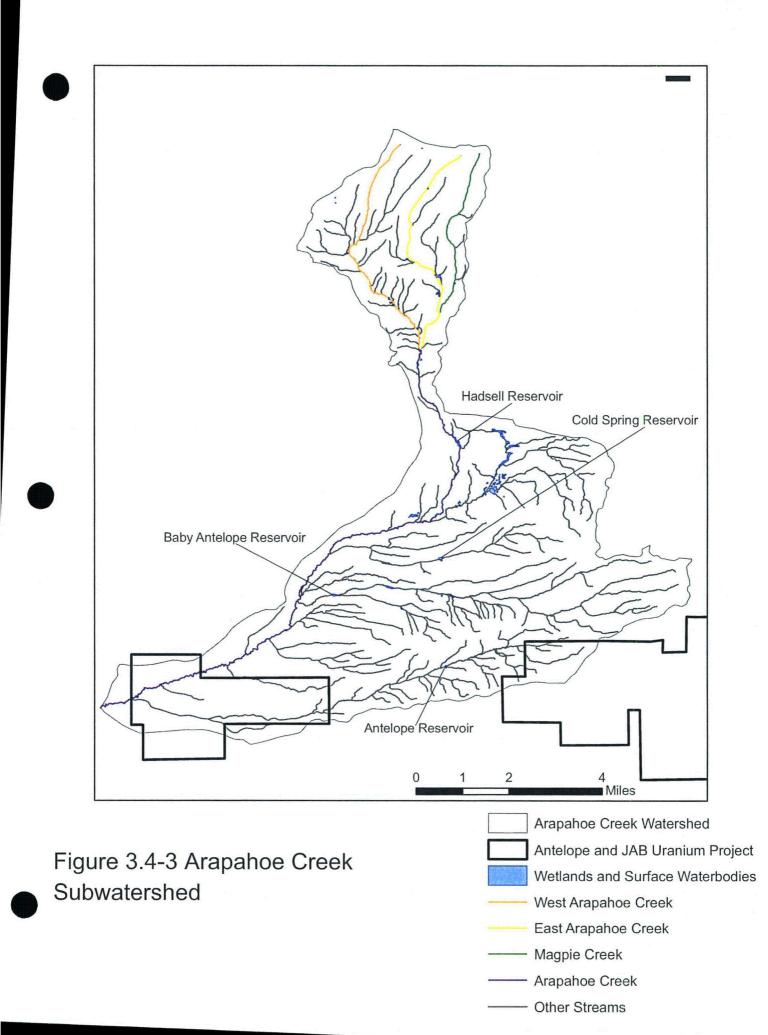


Figure 3.4-2 Antelope and JAB Uranium Project Location within the Great Divide Basin

Antelope and JAB Uranium Project
Great Divide Basin
Lost Creek Watershed



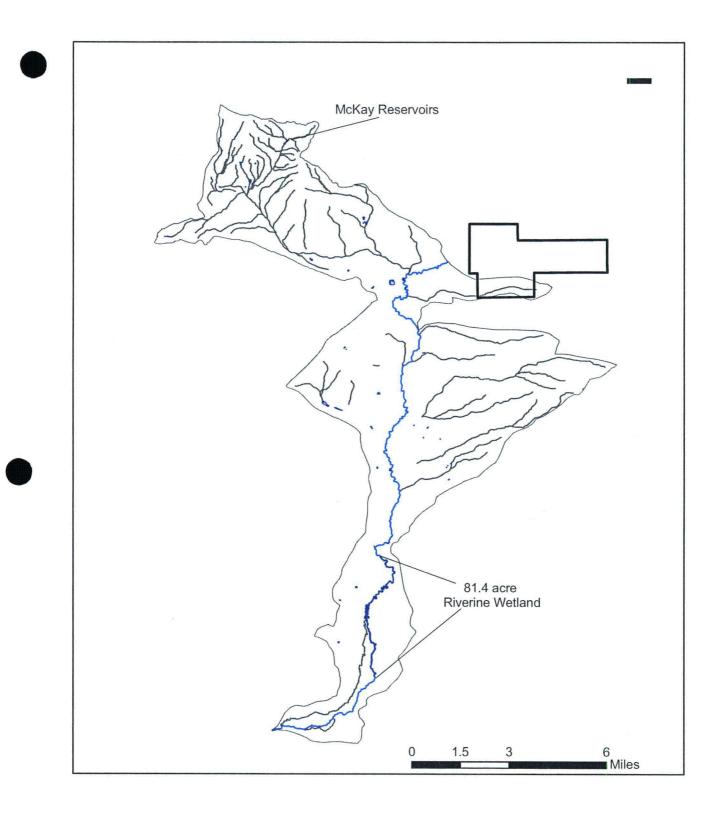


Figure 3.4-4 Lower Lost Creek Subwatershed



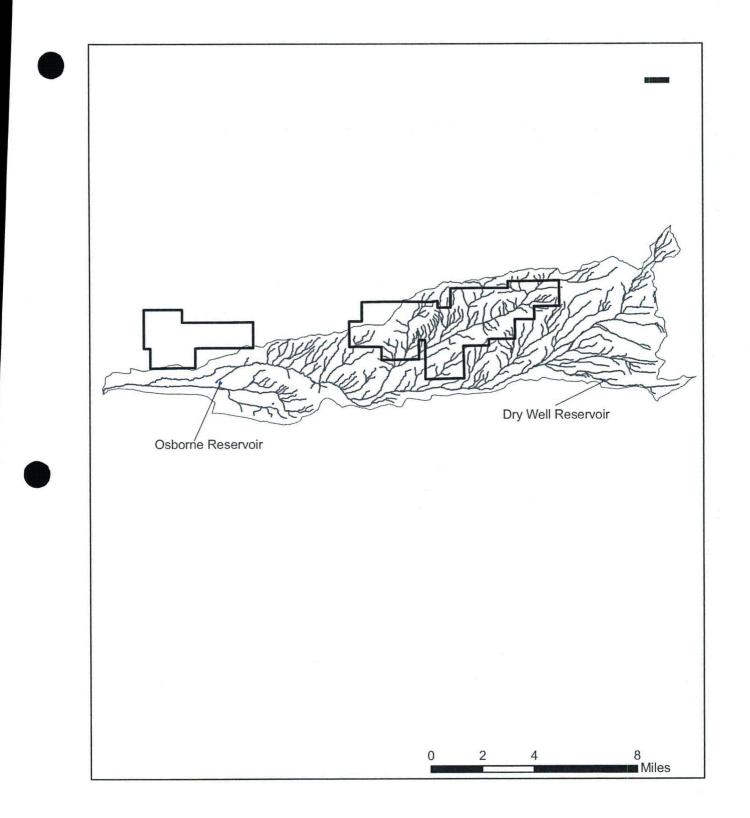
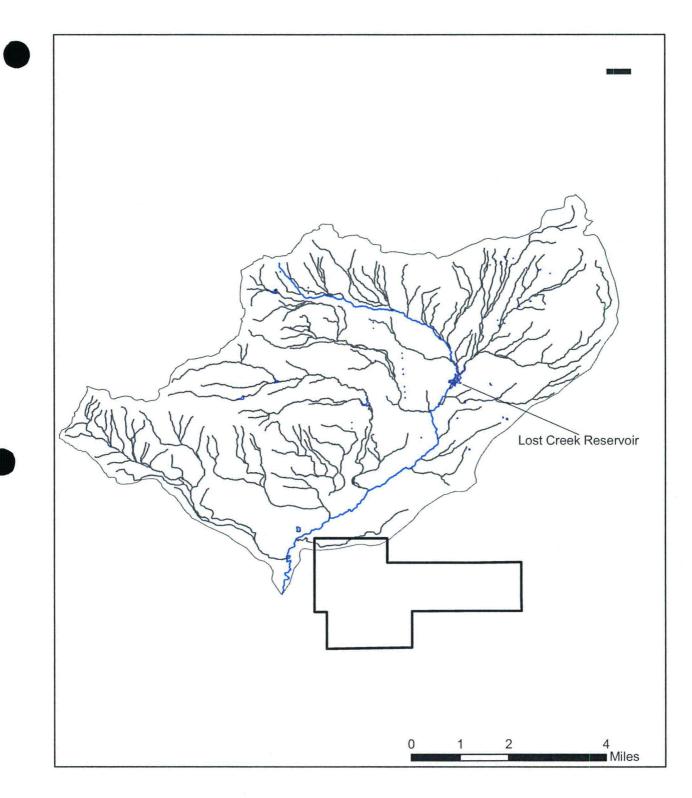


Figure 3.4-5 Osborne Draw Subwatershed

Osborne Draw Watershed

Streams

Antelope and JAB Uranium Project Wetlands and Surface Waterbodies





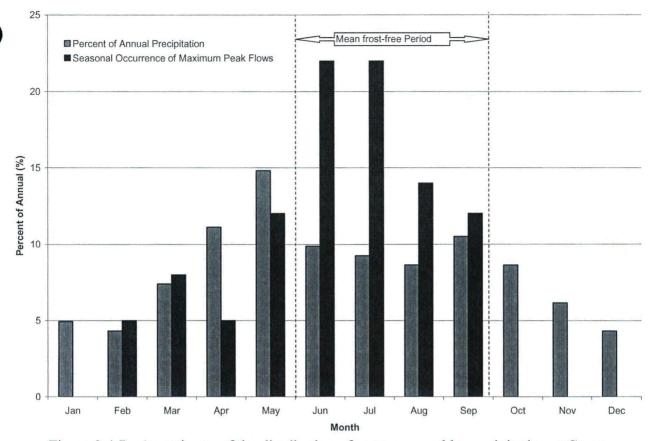


Figure 3.4.7 - An estimate of the distribution of average monthly precipitation at Green River, WY (Mason and Miller, 2005), and the distribution of the occurrence of peak flow events at the Antelope and JAB Uranium Project (Lowham, 1976).

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THAT CAN BE VIEWED AT THE RECORD TITLED: DRAWING NO. FIGURE 3.4-8, "JAB SAMPLING LOCATION MAP"

WITHIN THIS PACKAGE... OR BY SEARCHING USING THE DOCUMENT/REPORT NO. FIGURE 3.4-8

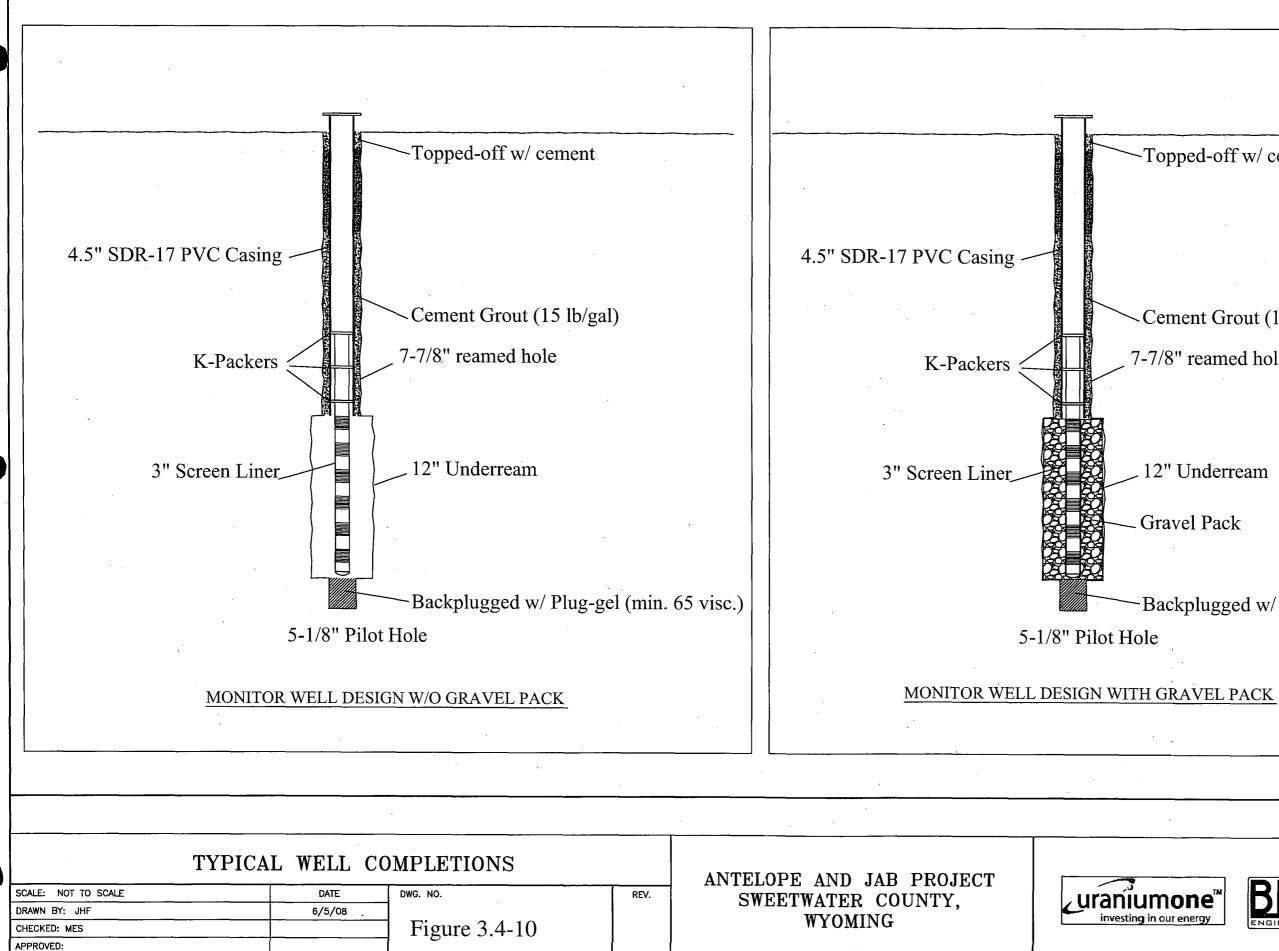
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D-04



-Topped-off w/ cement

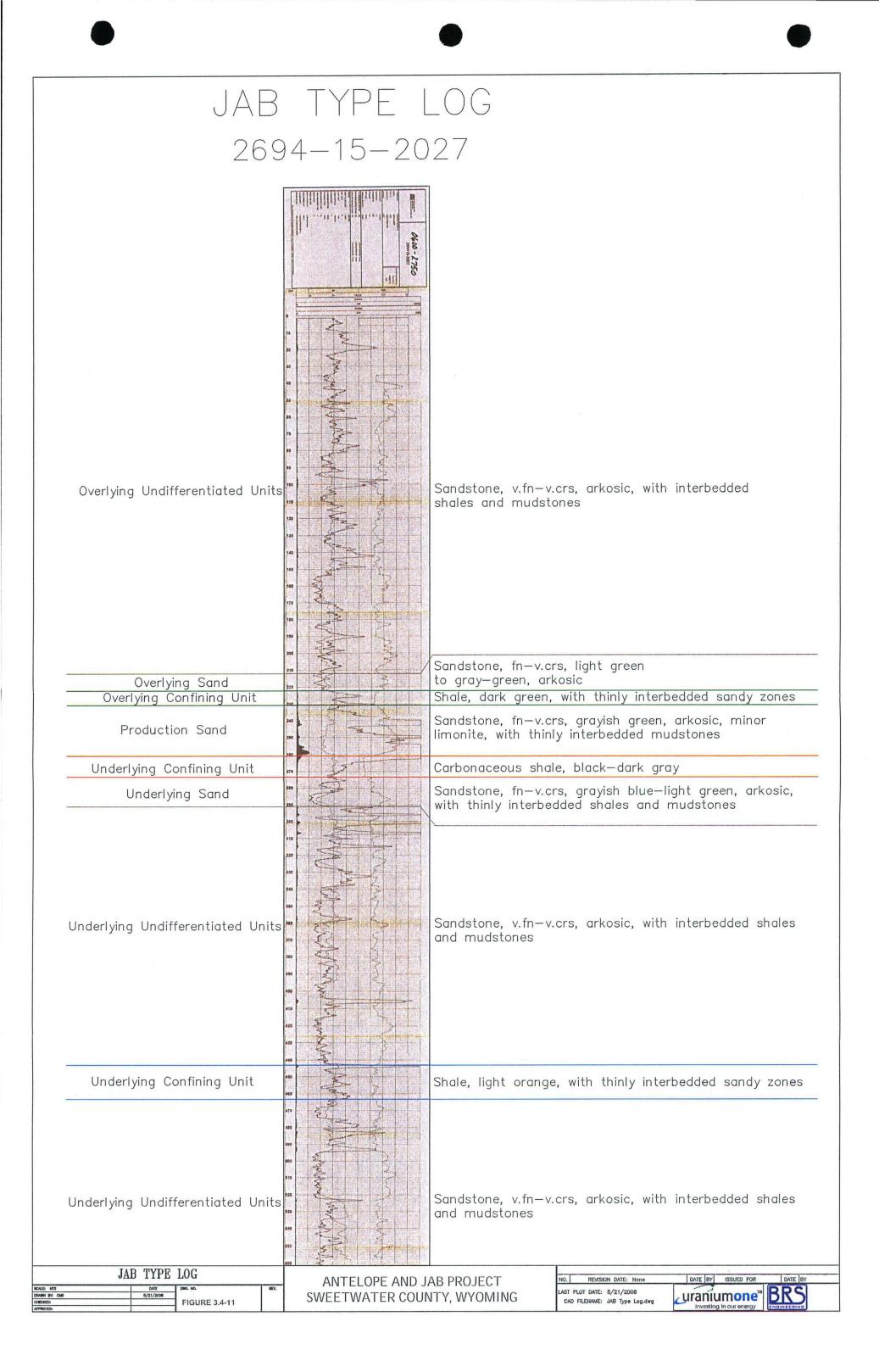
Cement Grout (15 lb/gal) 7-7/8" reamed hole

12" Underream

-Backplugged w/ Plug-gel (min. 65 visc.)





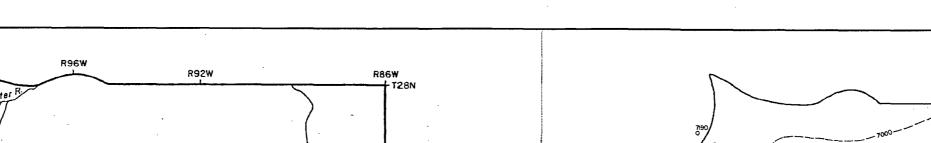


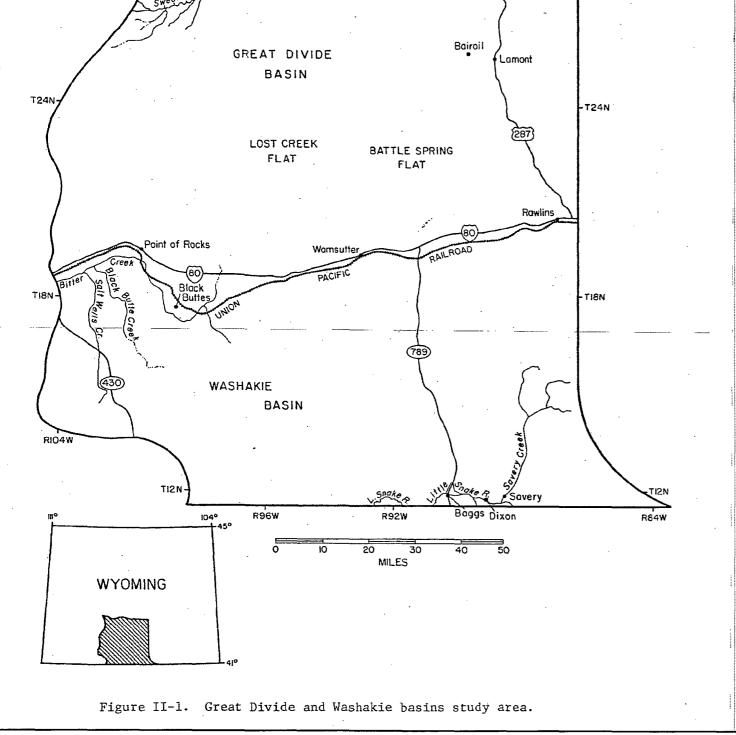
ANTELOPE TYPE LOG

269313-LX-132

Sand	e L	Sandstone, v.fn — crs with abund fn sand and silt
-250	50°	Shale, micaceous, pale purple with yellow clays and silts
	C. C.	Sandstone, fn-v.crs, arkosic with minor silts & yellow clay
	Shale	Shale, pale purple, micaceous with yellow clays and silts
2	90° 🗲 👘	Sandstone, fn-v.crs, arkosic with minor silt Shale, yellow and pale purple,
יס	BUE:	with minor fn-med arkosic sand
Sand	50	Sandstone, f—v.crs, arkosic, pebble cgl at base, greenish tint
240-200	00 ×	Shale, greenish—gray with minor fn—med sand
3	se Shale	Sandstone, v.fn-v.crs, arkosic w/minor chert, pyrite Greenish- gray shale
4	·	Sandstone, v.fn-v.crs, arkosic with minor pyrite, greenish-gray shale
190-150 Sand	50° 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Sandstone, v.fn—v.crs, arkosic with moderate pyrite, greenish—gray shale
6	or State	Sandstone, v.fn—v.crs, arkosic with minor black chert
145	Shide	Greenish—gray shale
6		Sandstone, v.fn—v.crs, arkosic with minor black chert
140–100 Sand	33	Sandstone, v.fn—crs, quartzose with minor felds, pyrite, interbedded greenish—gray shale and siltstn
	2 St	Sandstone, v.fn—crs, qtzos, with minor felds, with abundant pyrite, minor shale & siltstn
95 Š	hale	Green—gray shale and siltstone
Sand Sand		Sandstone, v.fn—crs, qtzos, with minor felds, with abundant pyrite, minor shale & siltstn
09-20		Shale, greenish—gray, with minor pale—purple shale, minor sand v.fn—pebble arkosic
10		Sandstone, v.fn—crs, arkosic, with abund pyrite, minor green—gray shale and siltstone

45 Shale	3	Green-gray shale and siltstone	
1150		Sandstone, v.fn—crs, arkosic, with abund pyrite, minor green—gray shale and siltstone	3
1200	3	Silty sandy shale	
1300 1300 1300 1300	The second se	Sandstone, v.fn—crs, arkosic, with abund pyrite, minor green—gray shale and siltstone	3
		Green—gray shale and siltstone	
ANTELOPE TYPE LOG SOLE ITS DATE DIVE IN AL NEX. DIVENTION OF CASE SYET/2008 OF BOOKED: FIGURE 3.4-12		NTELOPE AND JAB PROJECT EETWATER COUNTY, WYOMING	NO. REVISION DATE: None DATE BY ISSUED FOR DATE BY LAST PLOT DATE: 5/21/2008 CAD FILENAME: Type_Log_Antelope.dwg





RIOOW

South Pass City

T28N

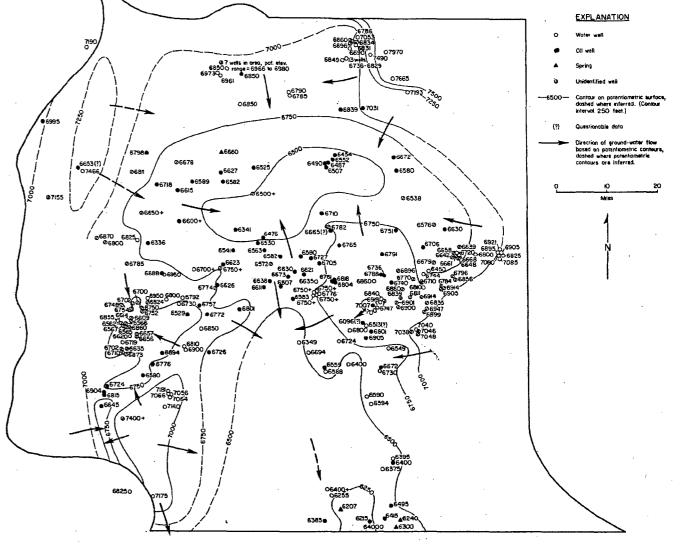


Figure V-2. Potentiometric surface map, Tertiary aquifer system.

REGIONAL GROUND WATER FLOW Ref. "Collentine et. al., 1981"				ANTELOPE AND JAB PROJECT	
SCALE: SEE DRAWING	DATE	DWG. NO.	REV.		uranium
DRAWN BY: JHF	6/5/08	Eiguro 2 / 12		SWEETWATER COUNTY, WYOMING	investing in c
CHECKED: MES		- Figure 3.4-13			and country and
APPROVED:			Í		

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THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLED: DRAWING NO. FIGURE 3.4-14, "JAB POTENTIOMETRIC SURFACE MAP SEPTEMBER 2007"

WITHIN THIS PACKAGE... OR BY SEARCHING USING THE DOCUMENT/REPORT NO. FIGURE 3.4-14

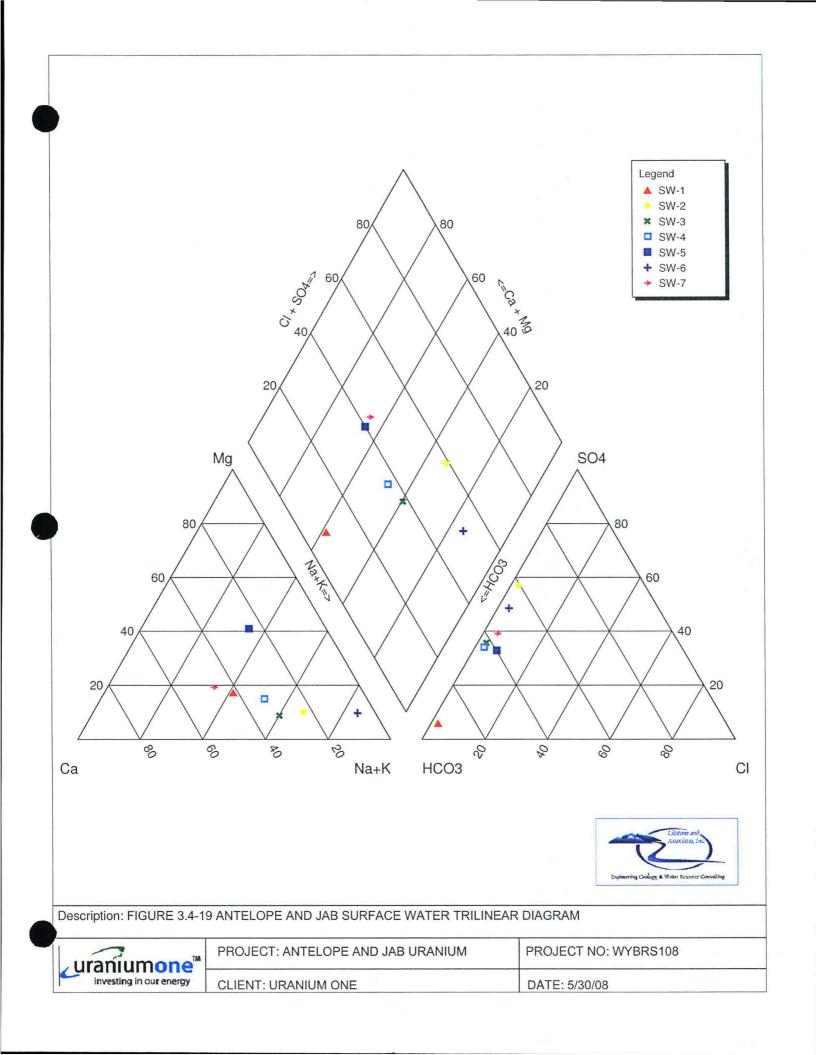
D-05

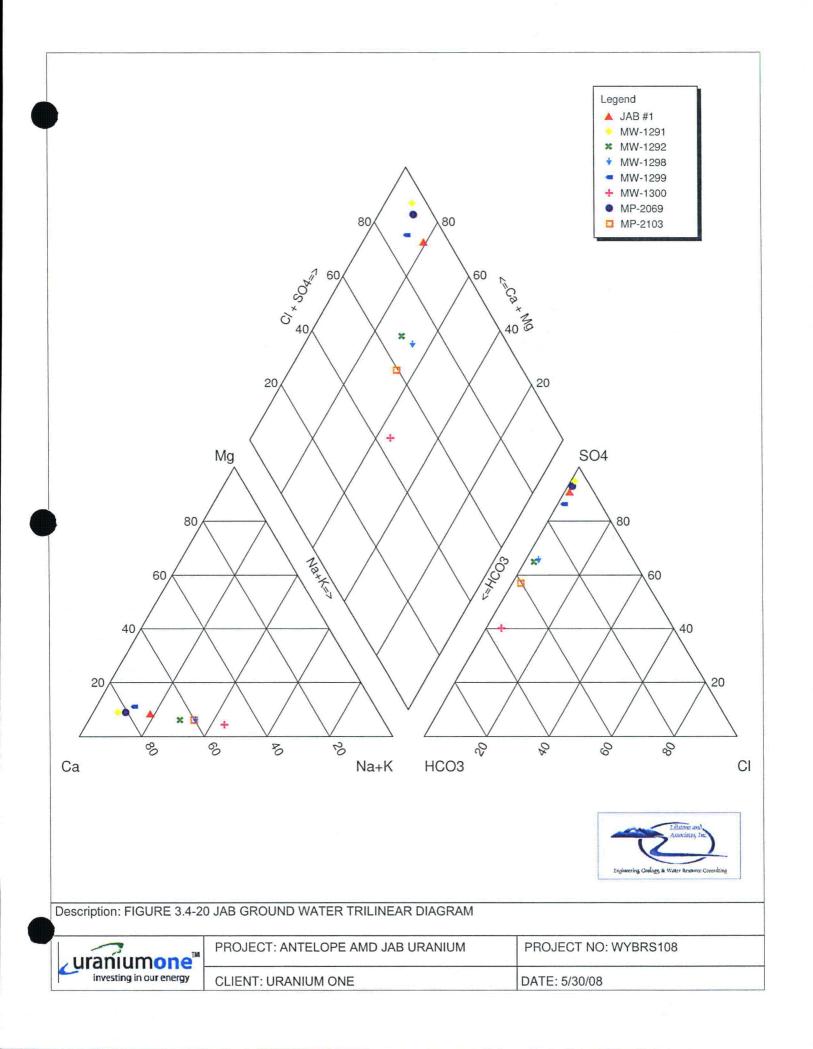
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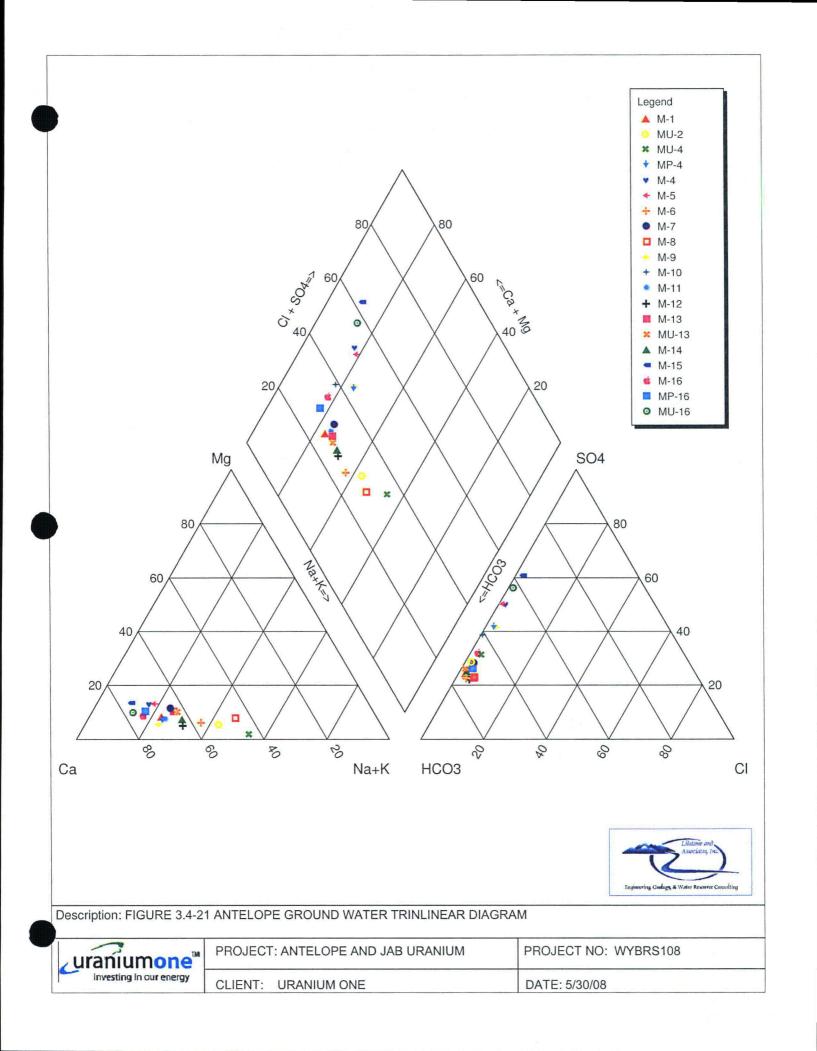
THAT CAN BE VIEWED AT THE RECORD TITLED: DRAWING NO. FIGURE 3.4-15, "ANTELOPE POTENTIOMETRIC SURFACE MAP MARCH-APRIL 2008"

WITHIN THIS PACKAGE... OR BY SEARCHING USING THE DOCUMENT/REPORT NO. FIGURE 3.4-15

D-06







THIS PAGE IS AN OVERSIZED DRAWING OR FIGURE,

THAT CAN BE VIEWED AT THE RECORD TITLED: DRAWING NO. FIGURE 3.4-22, "ANTELOPE AND JAB PERMITTED WATER RIGHTS"

WITHIN THIS PACKAGE... OR BY SEARCHING USING THE DOCUMENT/REPORT NO. FIGURE 3.4-22

D-07

License Application, Environmental Report URANIUM ONE AMERICAS Antelope and JAB Uranium Project Section 3.4 – Water Resources



Addendum 3.4-A Water Level Data

July 2008 ·

3.4-A

						Completion
		Well Depth			Ground Water	Interval
Mine Name	Well Name	(ft)	Date	SWL ¹	Elevation	Elevations
			6/28/2007	111.5	6791.33	
	MW-1291	190	9/24/2007	111.6	6791.23	6751-6711
			3/10/2008	112.64	6790,19	
			6/28/2007	76	6792.61	
	1		9/24/2007	77.5	6791.11	
	MW-1292	272	3/10/2008	77.9	6790.71	6637-6597
			3/12/2008	77.54	6791.07	
			3/24/2008	77.6	6791.01	
	MW-1298	287	6/27/2007	85.5	6787.62	6625-6585
	10100-1290	207	9/21/2007	85.4	6787.72	0020-0000
	MW-1299	263	6/27/2007	130.8	6783.98	6686-6646
	10100-1299	203	9/21/2007	130.5	6784.28	0000-0040
	MW-1300	236	6/29/2007	76.8	6793.77	6673-6633
JAB	10100-1300	230	9/28/2007	76.7	6793.87	0073-0033
	MW-1301	197	3/19/2008	110.04	6790.11	6722-6702
	MW-1302	192	3/19/2008	112.07	6790.13	6729-6709
	10100-1302	192	3/24/2008	112.2	6790	0129-0109
	MW-1303	235	3/19/2008	114.98	6791.81	6689-6669
	MW-1307	315	3/24/2008	78.3	6790.22	6589-6569
			3/11/2008	106.85	6789.7	
	MP-2069	205	3/19/2008	106.68	6789.87	6735-6705
			3/24/2008	106.85	6789.7	
			3/11/2008	84.15	6791	
	MP-2103	260	3/12/2008	84.62	6790.53	6649-6624
	1	1	3/24/2008	84.88	6790.27	
		220	9/28/2007	120	6791.14	6700 6690
	JAB #1	220	11/21/2007	120	6791.14	6729-6689

1. SWL = Static Water Level in feet below top of casing

3.4-A1

Static Water Level Measurements for Antelope

			000			Completion
	1	Well Depth			Ground Water	Interval
Mine Name	Well Name		Date	SWL ¹	Elevation	Elevations
Mille Maille	vveniname	(ft)	12/20/2007		7011.58	Elevations
	M-1	400	4/3/2008	256.3 257.15	7010.73	7028-6868
	M-2	440	12/20/2007	319.12	6916.03	6884-6859
	101-2				6919.55	0004-0000
	MU-2	600	3/17/2008	314.4		6722-6697
			4/3/2008	314.28	6919.67	
	M-3	390	3/24/2008	328.43	6913.94	6895-6875
		1 1	11/21/2007	276	6905.6	
	M-4	600	3/25/2008	274.62	6906.98	6781-6721
			4/2/2008	275.3	6906.3	
	110.4	000	3/7/2008	270.83	6909.54	0750 0700
	MP-4	600	3/25/2008	272.11	6908.26	6753-6733
			3/6/2008	268.55	6911.83	
	MU-4	800				6522-6502
			3/25/2008	269.2	6911.18	
			11/27/2007	293.4	6913.44	
	M-5	380	3/25/2008	293.43	6913.41	6875-6855
			4/1/2008	294.06	6912.78	
			1/1/2008	334.4	6917.04	
	M-6	460	3/20/2008	332.75	6918.69	6825-6790
		[4/4/2008	333.35	6918.09	
	M-7	505	4/3/2008	391.36	6919.63	6964-6804
	M-8	700	12/28/2007	293.6	6934.15	6656-6636
ANTELOPE	101-0	700	4/3/2008	295.89	6931.86	0000-0000
	M-9	1000	12/28/2007	327.1	6885.93	6691-667 [.]
	101-5	1000	3/28/2008	331.61	6881.42	0001-007
	M-10	403	11/27/2007	200.2	7051.08	7051-685 [.]
		400	4/7/2008	221.32	7029.96	1001 000
	M-11	500	1/25/2008	177.85	7072.4	6793-676
			4/8/2008	182.84	7067.41	0,00 0,0
	M-12	500	12/29/2007	207.6	7139.09	6954-6924
			4/7/2008	208.7	7137.99	
	14.40	100	3/25/2008	218.28	7154.2	0000.004
	M-13	460	4/1/2008	218.55	7153.93	6986-694
			4/3/2008	218.55	7153.93	
	MU-13	800	4/3/2008	261.61	7113.94	666-6641
			4/7/2008	261.52 137	7114.03	
	M-14	400	12/29/2007	137.24	7147.41	6923-689
	M-15	360	4/8/2008	221.47	7141.81	7072-702
	- IVI-10	- 300	4/2/2008	192.55	7141.01	1012-102
	M-16	360	3/27/2008	192.55	7184.47	7130-711
			4/2/2008	192.0	7184.22	
			3/27/2008	193.73	7185.23	
	MP-16	300	3/28/2008	197.90	7184.64	7115-710
			3/27/2008	197.55	7184.04	
	MU-16	700				6920-6880

1. SWL = Static Water Level in feet below top of casing



.

Aquifer
Aquilei
Production Sand
Underlying Sand
Underlying Sand
Production Sand
Production Sand
Production Sand

3.4-A3

Aquifer
140-100
190-150
140-100
190-150
190-150
190-150
190-150
190-150
140-100
190-150
140-100
240-200
240-200, 290-250
190-150
190-150
140-100
90-50
140-100
190-150
190-150
190-150
140-100

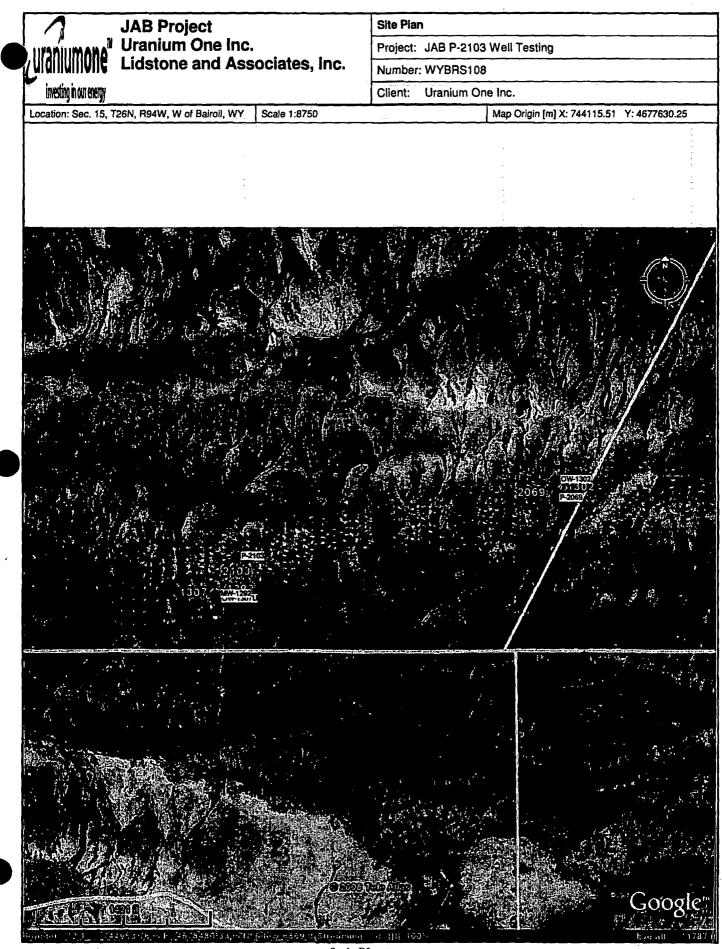
License Application, Environmental Report Antelope and JAB Uranium Project Section 3.4 – Water Resources



Addendum 3.4-B JAB Aquifer Test Data

3.4-B



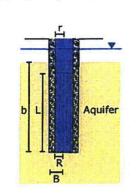


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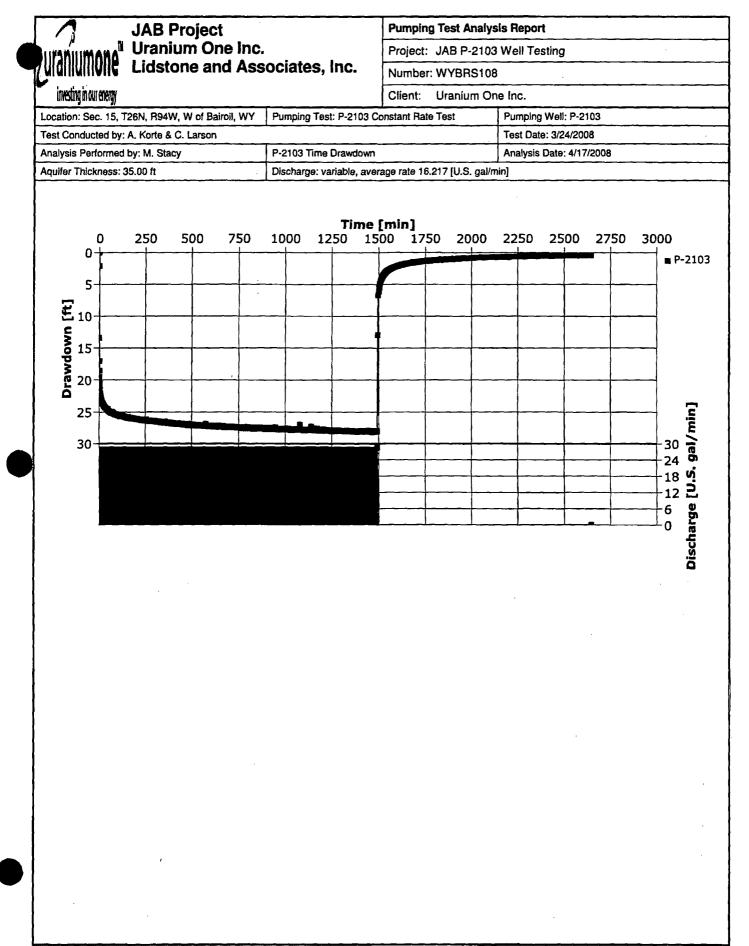
	🖊 JA	B Project				Pu	Imping Test Analy	sis Report		
.		anium One l		_		Pr	oject: JAB P-210	3 Well Testing		
<u>[</u> uii	alliulii viic Lic	stone and A	Ass	ociate	s, Inc.	NL	Imber: WYBRS10	8	· · · · ·	
	investing in our energy					CI	ient: Uranium C	ne Inc.		
Loca	ation: Sec. 15, T26N,	R94W, W of Bairoil, V	WY	Pumping	Test: P-2103 Co	onsta	ant Rate Test	Pumping Well:	P-2103	
Tes	t Conducted by: A. Ko	orte & C. Larson						Test Date: 3/24	/2008	
Aqu	ifer Thickness: 35.00	ft		Discharg	e: variable, avera	age I	rate 16.217 [U.S. gal/	'min]		
	Analysis Name	Analysis Performed	tAnal	ysis Date	Method name		Well	T [U.S. gal/d-ft]	K [U.S. gal/d-ft ²]	S
1	Hantush-Leaky	M. Stacy	4/18/	2008	Hantush		P-2103	1.36 × 10 ³	3.89 × 10 ¹	1.59 × 10 ⁻⁵
2	Cooper Jacob	M. Stacy	4/18/	2008	Cooper & Jacol	ы	P-2103	1.85 × 10 ³	5.29 × 10 ¹	2.47 × 10 ⁻⁸
3	Theis Recovery	M. Stacy	4/18/	2008	Theis Recovery	/	P-2103	2.13 × 10 ³	6.07 × 10 ¹	
4	Hantush Observe V	/iM. Stacy	4/18/	2008	Hantush		OW-1307U	1.18 × 10 ³	3.38 × 10 ¹	1.90 × 10 ⁻⁴
5	Hantush Observe V	/iM. Stacy	4/18/	2008	Hantush		MW-1292	1.85 × 10 ³	5.27 × 10 ¹	3.54 × 10 ⁻⁵
6	Cooper Jacob Obse	rM. Stacy	4/18/	2008	Cooper & Jacol	bl	OW-1307U	4.18 × 10 ³	1.20 × 10 ²	1.21 × 10 ⁻⁴
7	Cooper Jacob Obse	rM. Stacy	4/18/	2008	Cooper & Jacol	ы	MW-1292	2.42 × 10 ³	6.90 × 10 ¹	1.96 × 10 ⁻⁵
8	Theis Recovery Ob	siM. Stacyls	4/18/	2008	Theis Recovery	/	MW-1292	2.20 × 10 ³	6.30×10^{1}	
9	Cooper Jacob Dista	nM. Stacy	4/18/	2008	Cooper & Jacol	ы	multiple	1.86 × 10 ³	5.30 × 10 ¹	6.57 × 10 ⁻⁵
	<u></u>						Average	2.11×10^3	6.04×10^{1}	6.39 × 10 ⁻⁵

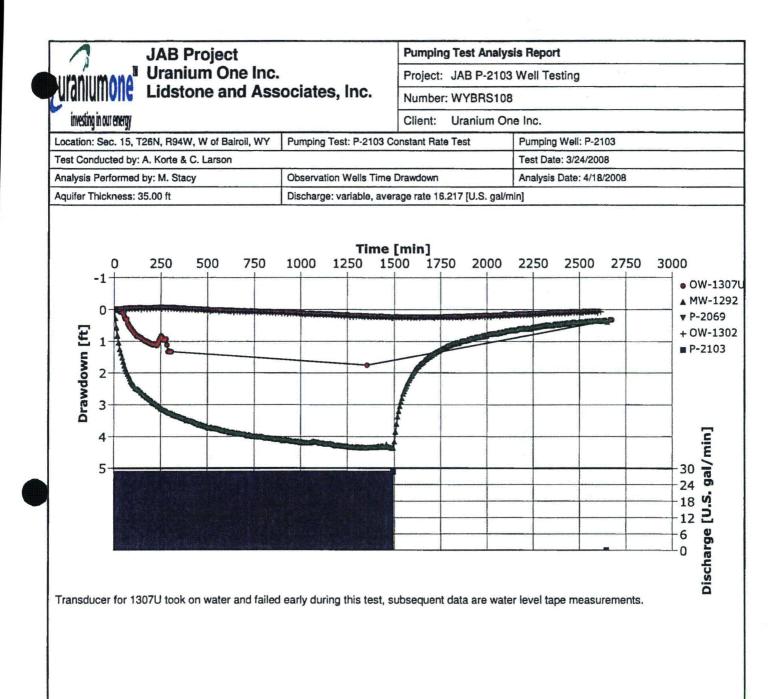
JAB Project Uranium One Inc. Lidstone and Associates, Inc. Methy in WIRKY JAB Project Uranium One Inc. Lidstone and Associates, Inc. Client: Uranium One Inc.

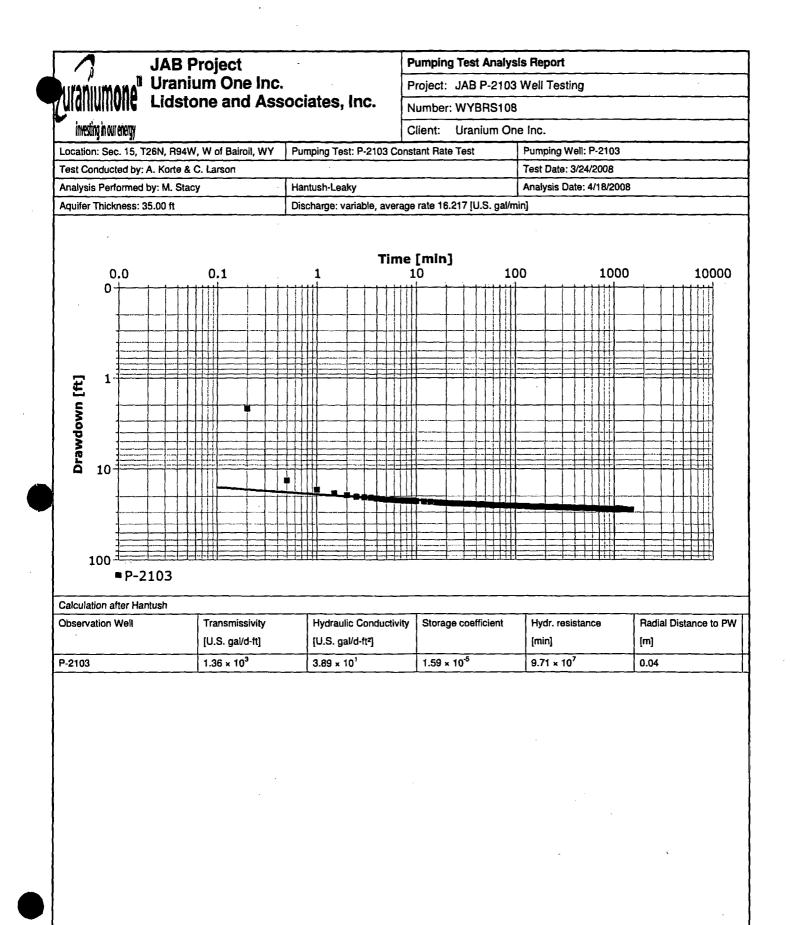
Location: Sec. 15, T26N, R94W, W of Bairoil, WY

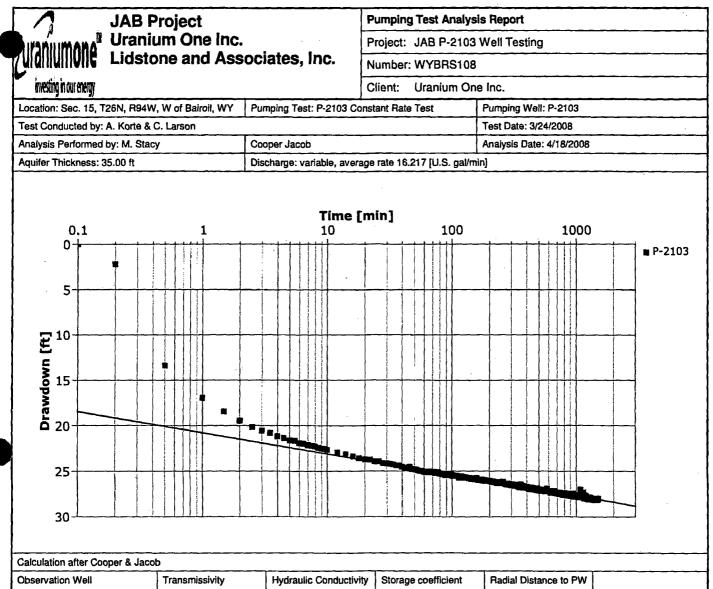


	Name	X [m]	Y [m]	Elevation (an	nsl Penetration	R [ft]	L [ft]	r [ft]	B [ft]
1	P-2103	744628.51	4678555.25	2093.0616	Fully	0.125	25	0.188	0.33
2	OW-1307U	744582.51	4678454.25	2091.8424	Fully	0.08	20	0.08	0.25
3	MW-1292	744579.51	4678465.25	2091.8424	Fully	0.21	40	0.21	0.375
4	P-2069	745397.51	4678696.25	2093.976	Fully	0.125	30	0.1875	0.33
5	OW-1302	745401.51	4678740.25	2096.1096	Fully	0.08	20	0.08	0.25





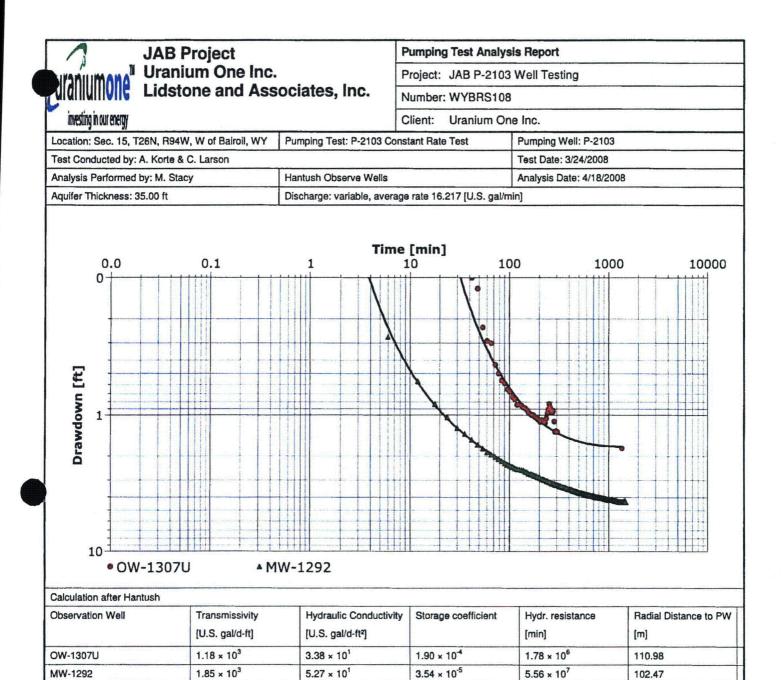




Observation Well	Transmissivity	Hydraulic Conductivity	Storage coefficient	Radial Distance to PW	
	[U.S. gal/d-ft]	[U.S. gal/d-ft ²]		[m]	
P-2103	1.85 × 10 ³	5.29 × 10 ¹	2.47 × 10 ⁻⁸	0.04	

JAB	Project		Pumping Test Analys	sis Report	<u></u>
Urani	Project um One Inc.		Project: JAB P-2103	Well Testing	
Manumone Lidste	one and Ass	ociates, Inc.	Number: WYBRS108		
investing in our energy			Client: Uranium On	ie Inc.	
Location: Sec. 15, T26N, R94V	V, W of Bairoil, WY	Pumping Test: P-2103 Co	nstant Rate Test	Pumping Well: P-2103	
Test Conducted by: A. Korte &	C. Larson			Test Date: 3/24/2008	
Analysis Performed by: M. Stad	су	Theis Recovery		Analysis Date: 4/18/2008	
Aquifer Thickness: 35.00 ft	. <u></u>	Discharge: variable, avera	ige rate 16.217 [U.S. gal/m	nin]	
			· .		
1		Equiva 10	alent Time	00	1000
0			- <u>+-+-</u> +++++		+++1
E					
Rise Since Pumping Stopped [ft]					
ddo					
<i>š</i> 12					
D L					
du l					
ā 18			+ + + + + + + + + + + + + + + + + + + +		
<u>9</u> .					
e 24					
R I					
30					
■ P-2103					•
Calculation after Theis & Jacob					
Observation Well	Transmissivity	Hydraulic Conductivi	ty Radial Distance to PW	v	
	[U.S. gal/d-ft]	{U.S. gal/d-ft²]	{m}		
P-2103	2.13×10^{3}	6.07 × 10 ¹	0.04		
			·	,	

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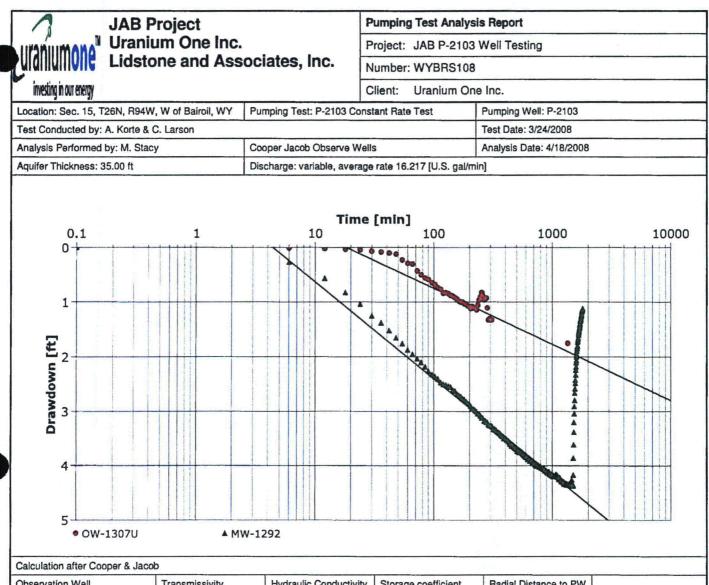
 4.33×10^{1}

 1.12×10^{-4}

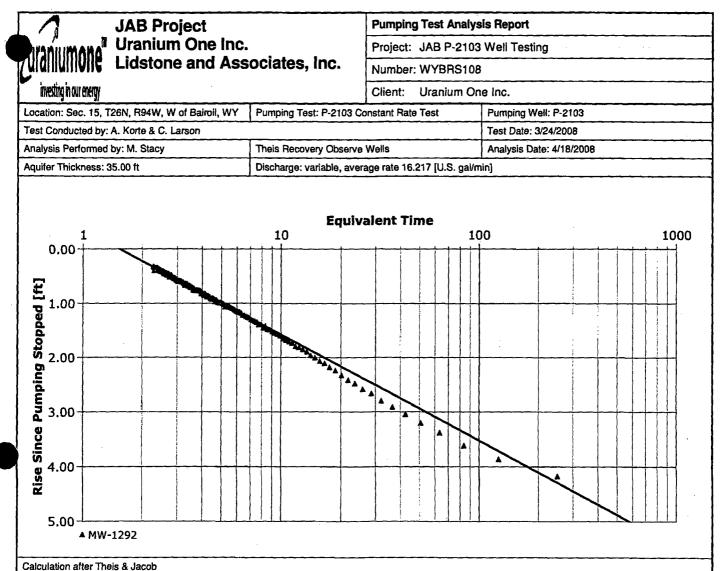
 2.87×10^{7}

 1.52×10^{3}

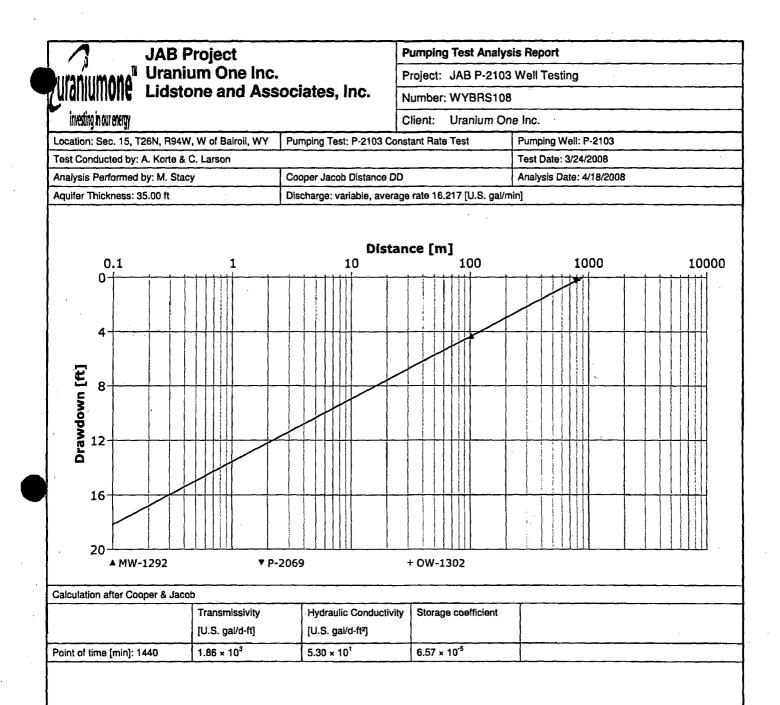
Average



Observation Well	Transmissivity [U.S. gal/d-ft]	Hydraulic Conductivity [U.S. gal/d-ft ²]	Storage coefficient	Radial Distance to PW [m]	
OW-1307U	4.18 × 10 ³	1.20 × 10 ²	1.21 × 10 ⁻⁴	110.98	
MW-1292	2.42×10^{3}	6.90 × 10 ¹	1.96 × 10 ⁻⁵	102.47	
Average	3.30×10^{3}	9.43 × 10 ¹	7.04 × 10 ⁻⁵		



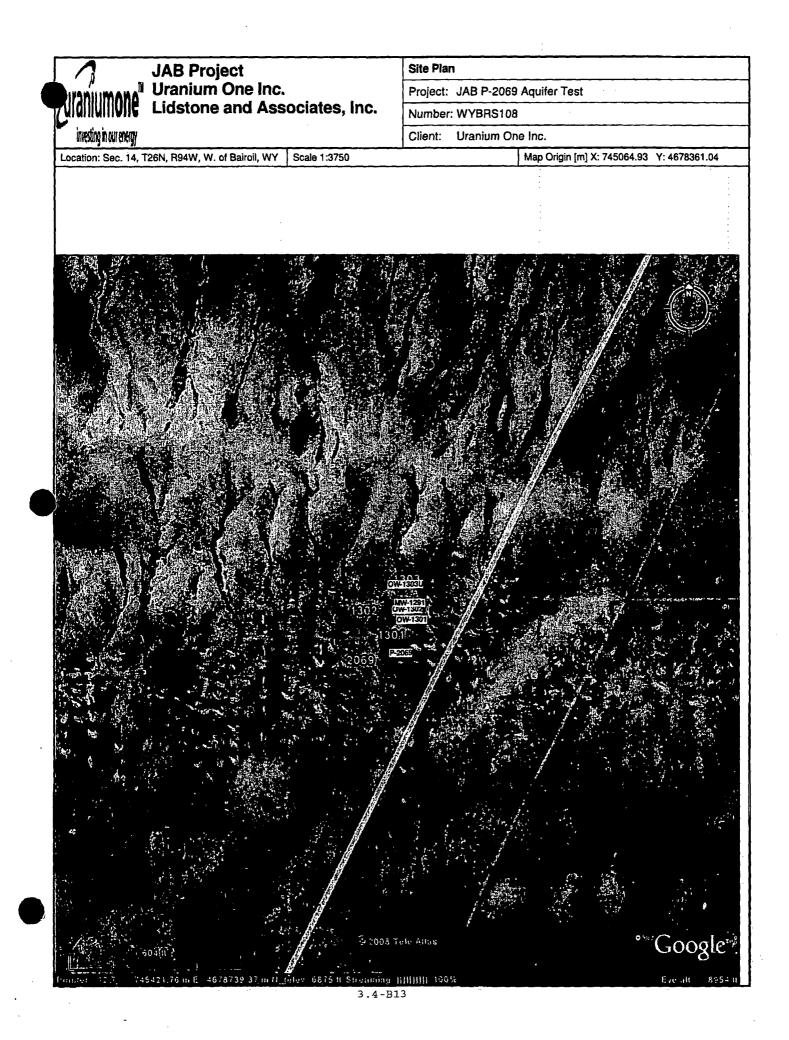
Observation Well	Transmissivity	Hydraulic Conductivity	Radial Distance to PW
	[U.S. gal/d-ft]	[U.S. gal/d-ft ²]	[m]
MW-1292	2.20×10^3	6.30 × 10 ¹	102.47





P2069 Aquifer Test Analysis

.



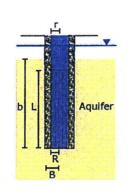
JAB Project Uranium One Inc. Lidstone and Associates, Inc.						Pumping Test Analysis Report Project: JAB P-2069 Aquiter Test Number: WYBRS108																	
												investing in our energy						Client: Uranium One Inc.					
												Location: Sec. 14, T26N, R94W, W. of Bairoil, WY Pumping Test: P-2069 Co					onstant Rate Test Pumping Well: P-2069						
Test Conducted by: M. Stacy, A. Korte, & C. Larson						Test Date: 3/19/2008																	
Aqui	ifer Thickness: 40.00	ft		Discharg	e: variable, avera	ige rate 4.15	31 (U.S. gal/	min]		<u> </u>													
	Analysis Name	Analysis Performed	tAnaly	rsis Date	Method name	Well		T [U.S. gal/d-ft]	K [U.S. gal/d-ft²]	S													
1	Hantush-Leaky	M. Stacy	4/28/2008 Hantush		Hantush	P-2069		8.50 × 10 ²	2.13 × 10 ¹	1.11 × 10 ⁻⁷													
2	Cooper Jacob	M. Stacy	4/28/2008		Cooper & Jacob	bl P-2069		1.16 × 10 ³	2.89 × 10 ¹	3.47 × 10 ⁻¹¹													
3	Theis Recovery	M. Stacy	4/28/2008		Theis Recovery	P-2069		1.01 × 10 ³	2.52 × 10 ¹														
4	Cooper Jacob DD	M. Stacy	4/28/2008		Cooper & Jacob	11 multiple		6.84 × 10 ²	1.71 × 10 ¹	7.07 × 10 ⁻⁵													
5	Hantush Observatio	rM. Stacy	4/28/2008		Hantush	OW-13)1	7.90×10^2	1.98 × 10 ¹	6.94 × 10 ⁻⁶													
6	Hantush Observatio	rM. Stacy	4/28/2008		Hantush	OW-13)2	6.93 × 10 ²	1.73 × 10 ¹	1.55 × 10 ⁻⁵													
7	Hantush Observatio	rM. Stacy	4/28/2008		Hantush	MW-12	91	5.85 × 10 ²	1.46 × 10 ¹	8.08 × 10 ⁻⁵													
8	Cooper Jacob Obs	MM. Stacy	4/28/2008		Cooper & Jacob	01 OW-13	01	8.01 × 10 ²	2.00 × 10 ¹	7.09 × 10 ⁻⁶													
9	Cooper Jacob Obs	VM. Stacy	4/28/2008		Cooper & Jacob	01 OW-130)2	7.62 × 10 ²	1.91 × 10 ¹	1.11 × 10 ⁻⁵													
10	Theis Observe Wel	IM. Stacy	4/28/2008		Theis Recovery	OW-130)1	1.08 × 10 ³	2.69 × 10 ¹														
11	Theis Observe Well	IM. Stacy	4/28/2008		Theis Recovery	OW-130)2	1.10 × 10 ³	2.74 × 10 ¹														
12	Theis Observe Wel	IM. Stacy	4/28/2	2008	Theis Recovery	MW-12	91	9.23 × 10 ²	2.31 × 10 ¹														
							Average	8.69 × 10 ²	2.17 × 10 ¹	2.40 × 10 ⁻⁵													

JAB Project Uranium One Inc. Lidstone and Associates, Inc.

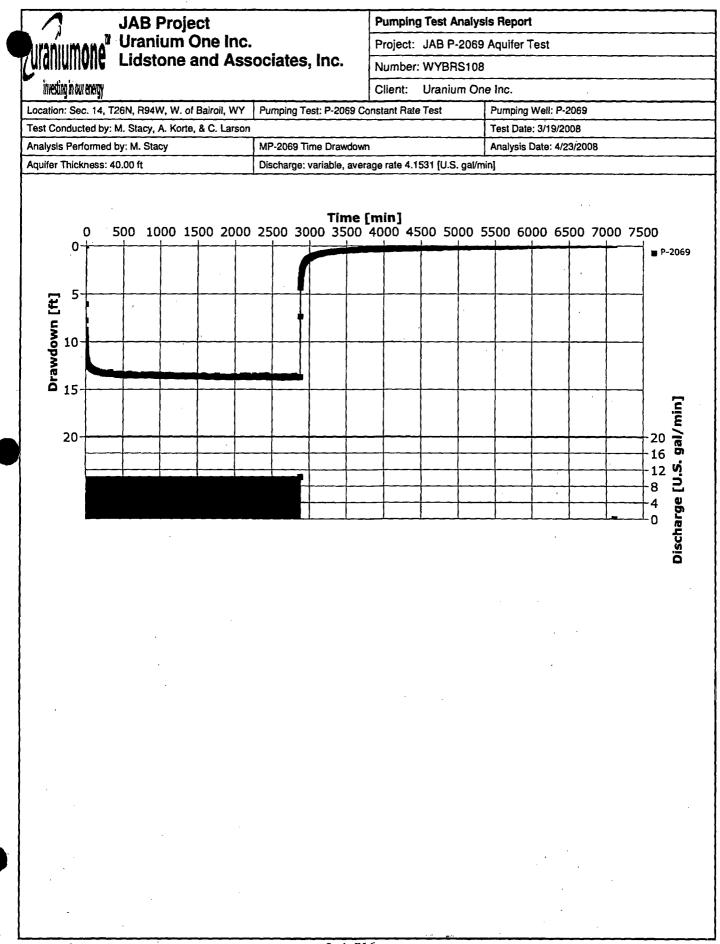
Wells		
Project:	JAB P-2069 Aquifer Test	*:
Number	: WYBRS108	

Client: Uranium One Inc.

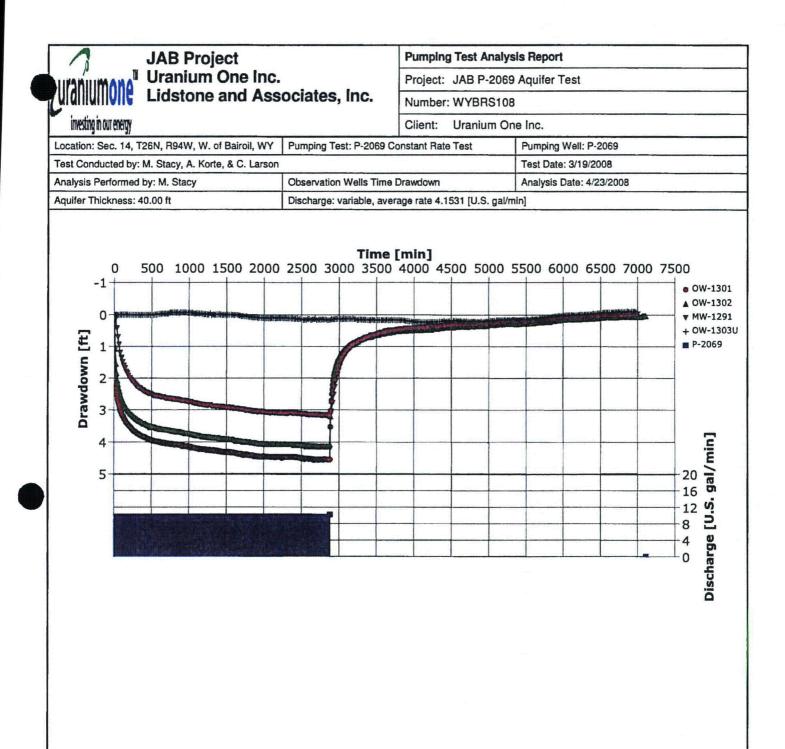
Location: Sec. 14, T26N, R94W, W. of Bairoil, WY

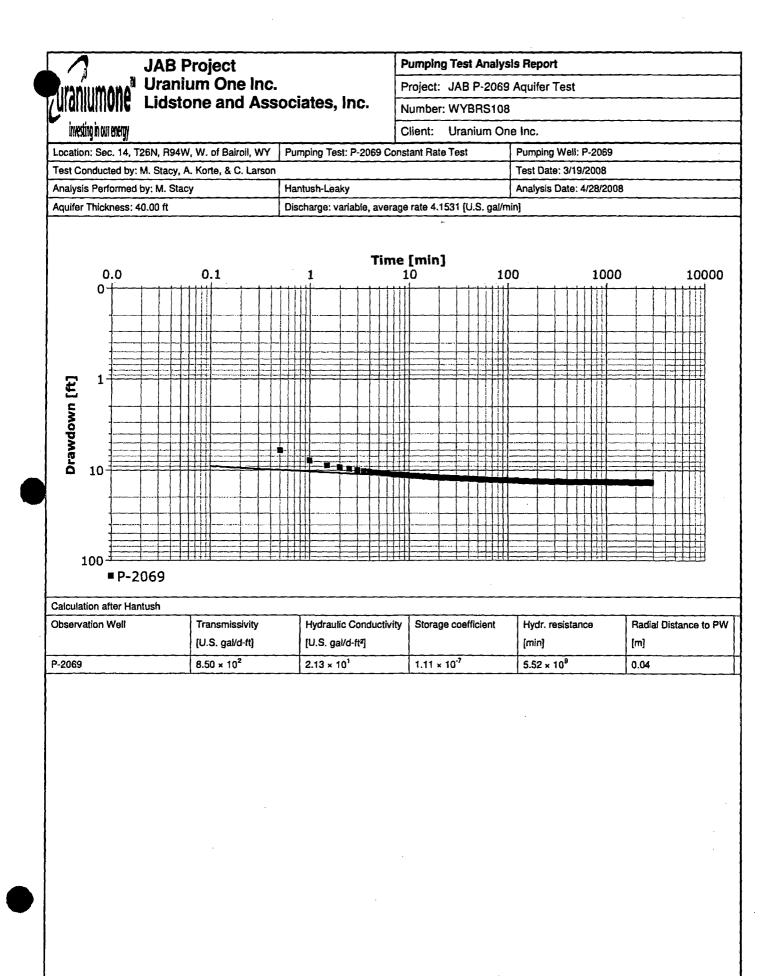


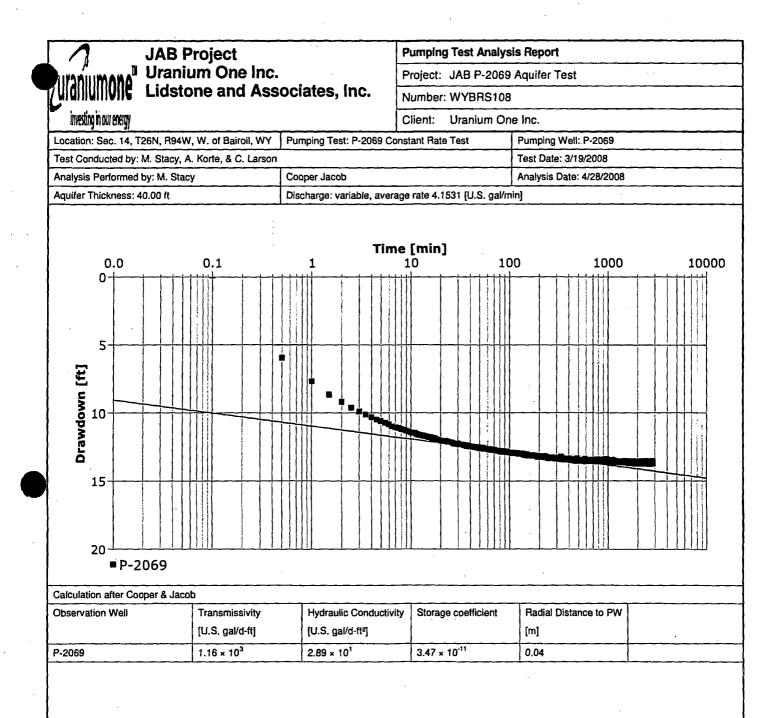
	Name	X [m]	Y [m]	Elevation (a	msiPenetration	R [ft]	L [ft]	r [ft]	B [ft]
1	P-2069	745404.68	4678702.29	2093.97	Fully	0.125	30	0.1875	0.33
2	OW-1301	745412.18	4678736.79	2095.5	Fully	0.08	20	0.08	0.25
3	OW-1302	745407.68	4678747.29	2096.11	Fully	0.08	20	0.08	0.25
4	MW-1291	745409.93	4678754.04	2096.11	Fully	0.21	40	0.21	0.375
5	OW-1303U	745403.18	4678773.54	2096.41	Fully	0.08	20	0.08	0.25



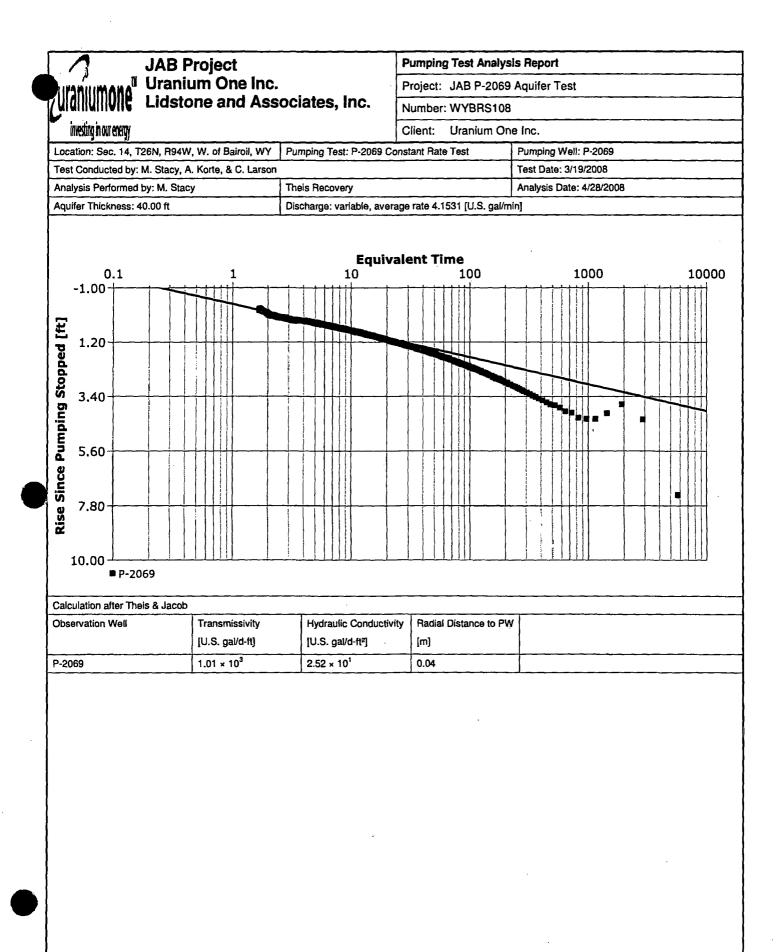
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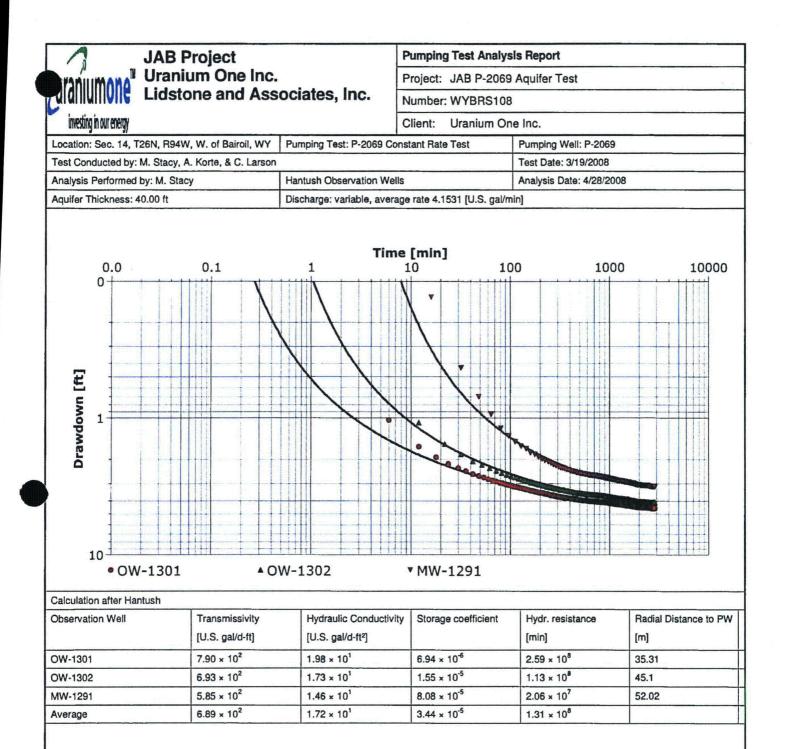


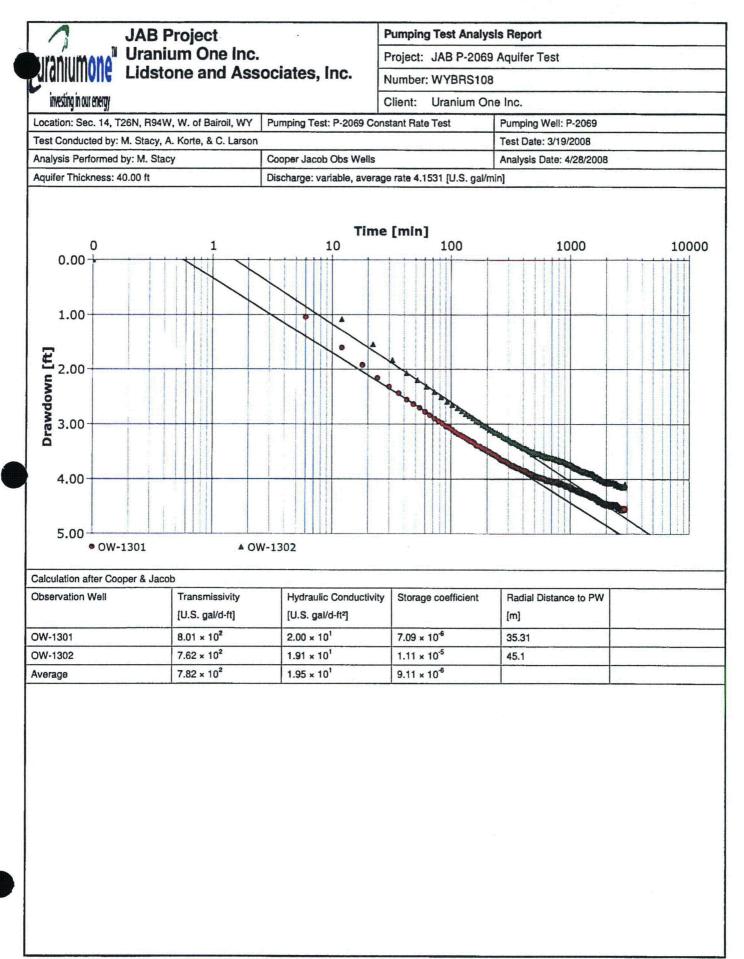


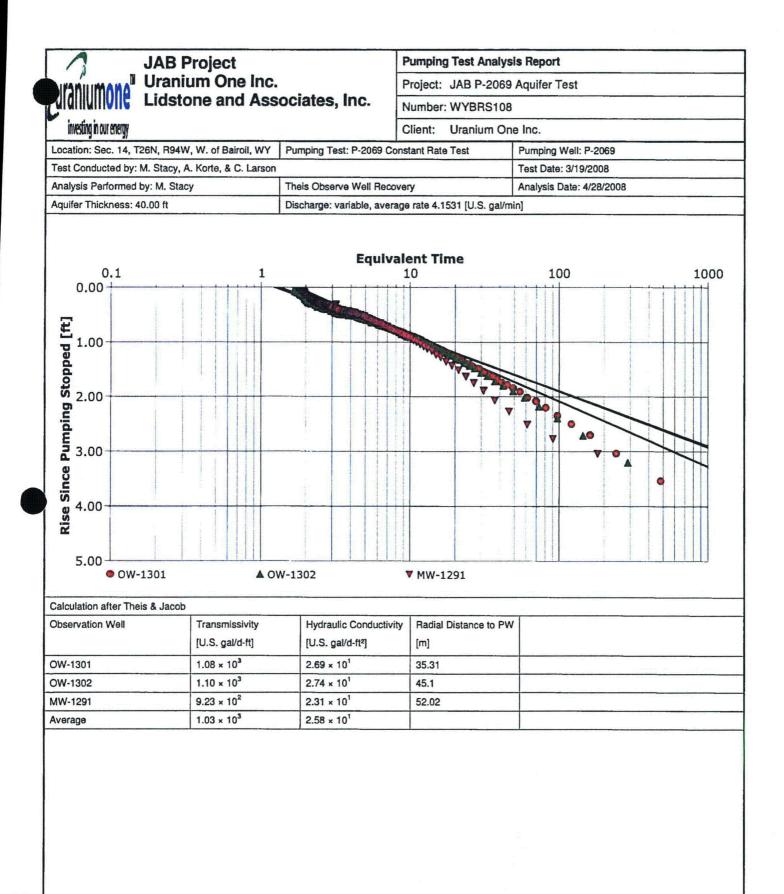


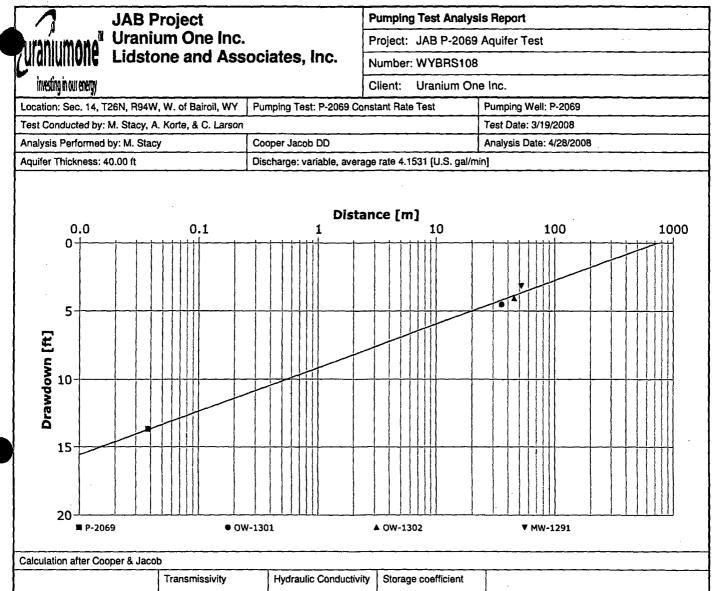
D10











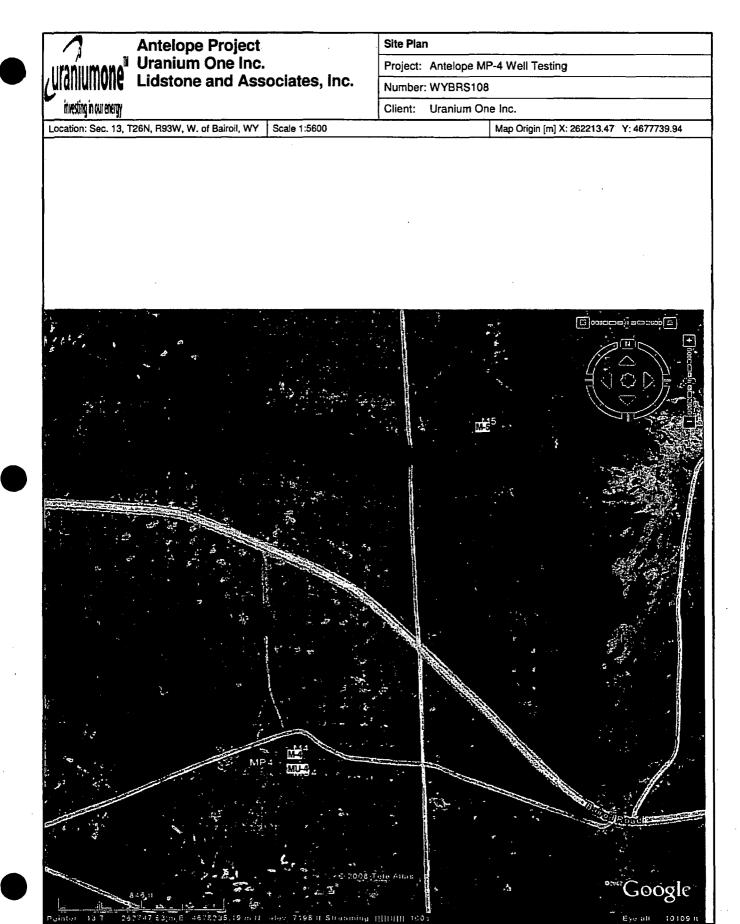
	Transmissivity	Hydraulic Conductivity	Storage coefficient	
	[U.S. gal/d-ft]	(U.S. gal/d-ft ²)		
Point of time [min]: 2880	6.84 × 10 ²	1.71 × 10 ¹	7.07 × 10 ⁻⁵	

License Application, Environmental Report Antelone and LAD Line Antelope and JAB Uranium Project Section 3.4 – Water Resources



Addendum 3.4-C Antelope Aquifer Test Data

MP-4 Aquifer Test Analysis

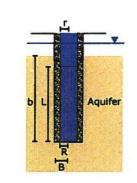


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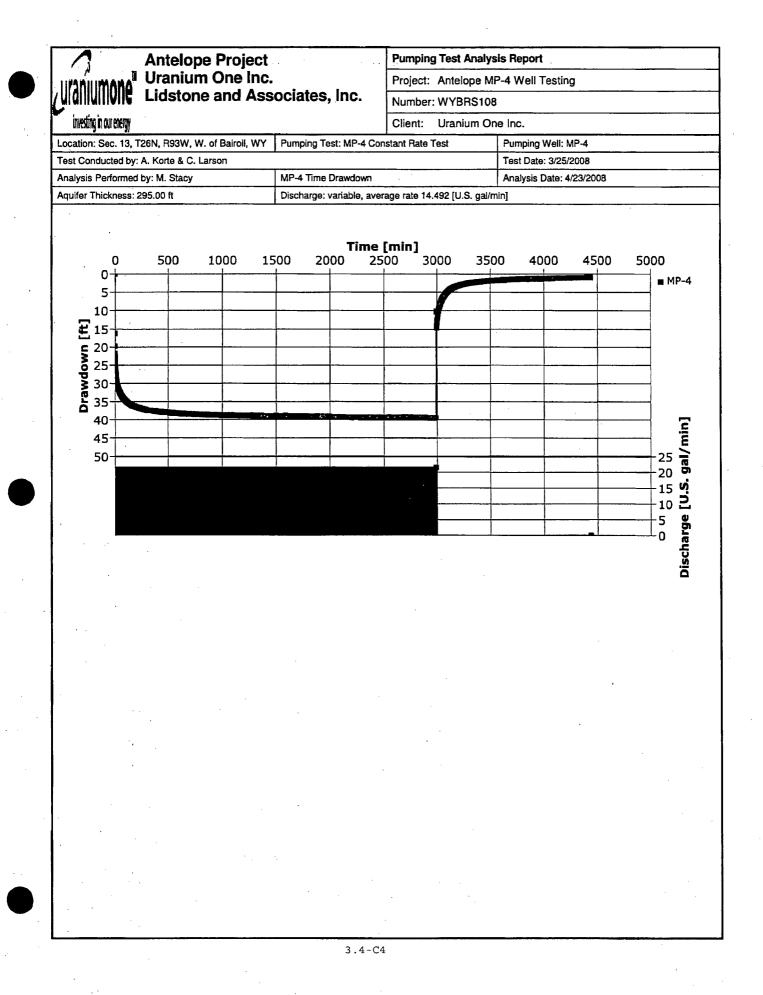
		ntelope Proje		Pumping Test					
	''''''''''''''''''''''''''''''''''''''	ranium One l		- •	Project: Antelope MP-4 Well Testing				
<u> </u>		dstone and <i>I</i>	Associa	ites, Inc.	Number: WYB	RS108	1		
	investing in our energy				Client: Urani	um One Inc.			
Loc	ation: Sec. 13, T26N	, R93W, W. of Bairoil,	WY Pump	bing Test: MP-4 Con	stant Rate Test	Pumping Well:	MP-4		
Tes	t Conducted by: A. K	orte & C. Larson				Test Date: 3/25	5/2008		
Aqu	ifer Thickness: 295.0	10 ft	Disch	arge: variable, aver	age rate 14.492 [U.S	S. gal/min]			
	Analysis Name	Analysis Performed	tAnatysis Da	ite Method name	Well	T [U.S. gal/d-ft]	K [U.S. gal/d-ft²]	S	
1	Hantush Leaky	M. Stacy	4/28/2008	Hantush	MP-4	5.35 × 10 ²	1.81 × 10 ⁰	9.30 × 10 ⁻³	
2	Cooper Jacob	M. Stacy	4/28/2008	Cooper & Jaco	bl MP-4	5.43 × 10 ²	1.84 × 10 ⁰	8.33 × 10 ⁻³	
3	Theis Recovery	M. Stacy	4/28/2008	Theis Recovery	/ MP-4	1.35 × 10 ³	4.57 × 10 ⁰		
4	Hantush Observe	WiM. Stacy	4/28/2008	Hantush	M-4	2.40×10^{3}	8.14 × 10 ⁰	3.59 × 10 ⁻³	
5	Theis Recovery Ot	siM. Stacys	4/28/2008	Theis Recovery	/ M-4	2.23 × 10 ³	7.54 × 10 ⁰		
6	Distance Drawdow	n M. Stacy	5/22/2008	Cooper & Jaco	b II multiple	5.12 × 10 ³	1.74 × 10 ¹	4.90 × 10 ⁻⁴	
	<u></u>				Ave	rage 2.03 × 10 ³	6.88 × 10 ⁰	5.43 × 10 ⁻³	

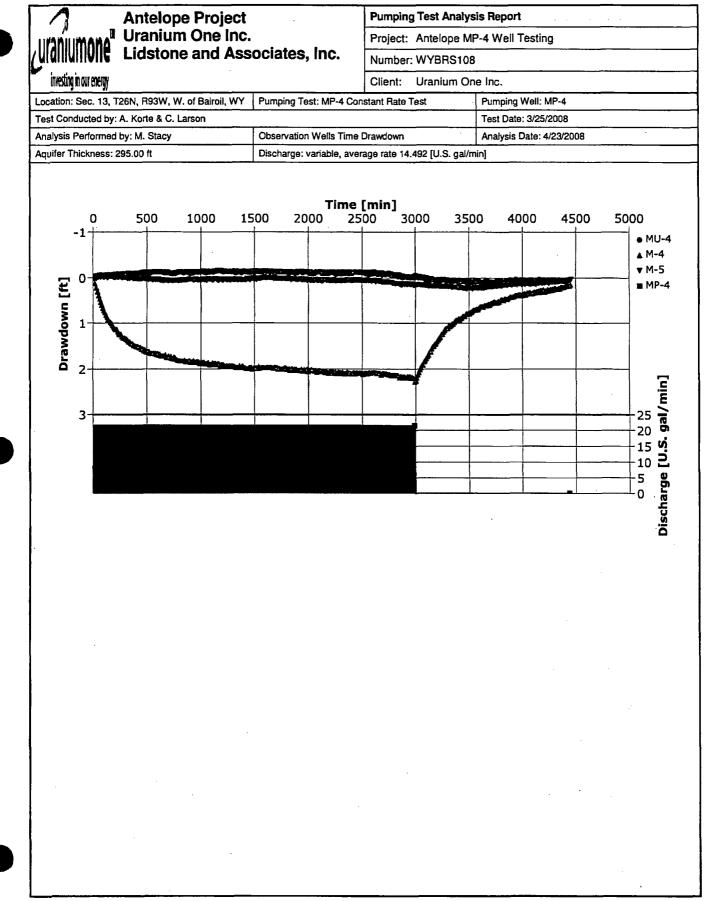
Antelope Project	Wells
Uranium One Inc.	Project: Antelope MP-4 Well Testing
Lidstone and Associates, Inc.	Number: WYBRS108
investing in our energy	Client: Uranium One Inc.

Location: Sec. 13, T26N, R93W, W. of Bairoil, WY

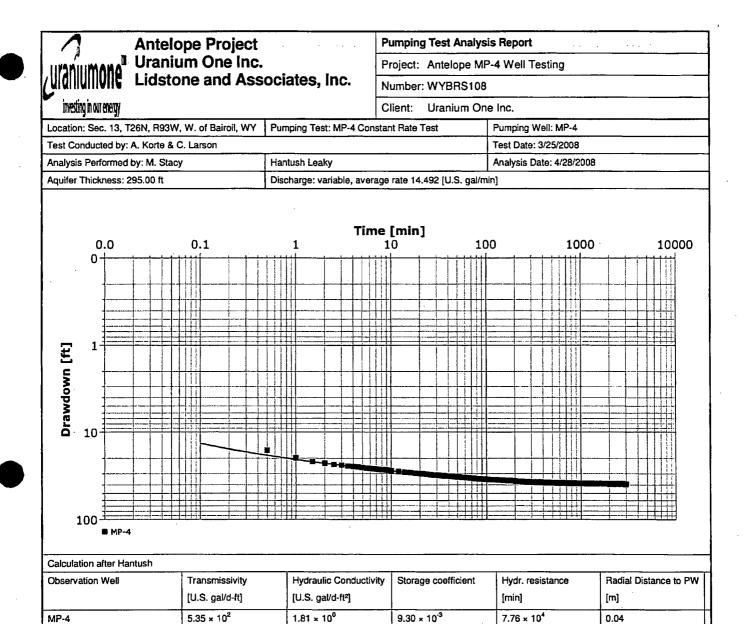


	Name	X [m]	Y [m]	Elevation (am	s Penetration	R [ft]	L [ft]	r [ft]	B [ft]
1	MP-4	262594.47	4677987.94	2190.59	Partially	0.125	20	0.1875	0.33
2	MU-4	262596.47	4677986.94	2190.59	Partially	0.08	20	0.08	0.25
3	M-4	262596.47	4678010.94	2190.9	Partially	0.08	60	0.08	0.25
4	M-5	262898.47	4678536.94	2193.34	Partially	0.08	20	0.08	0.25

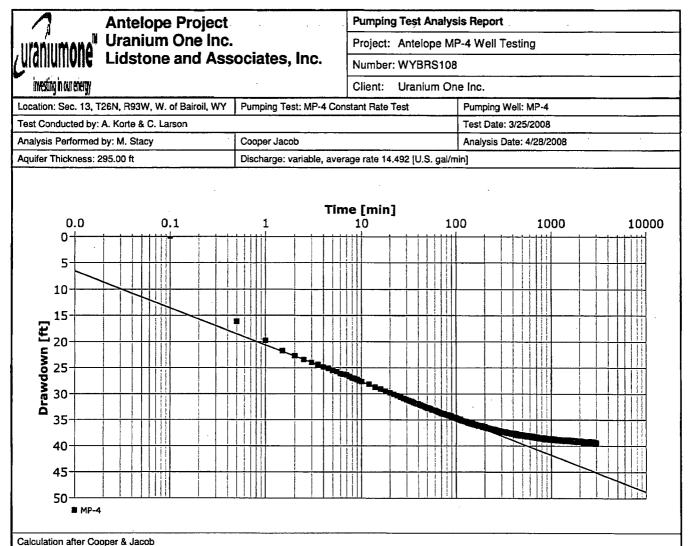




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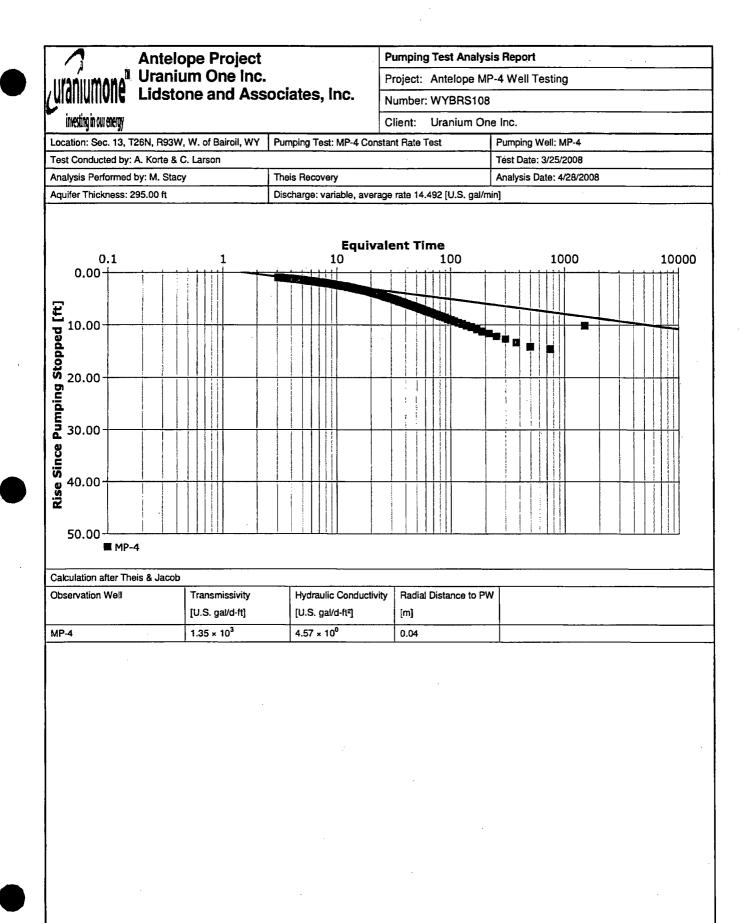


3.4

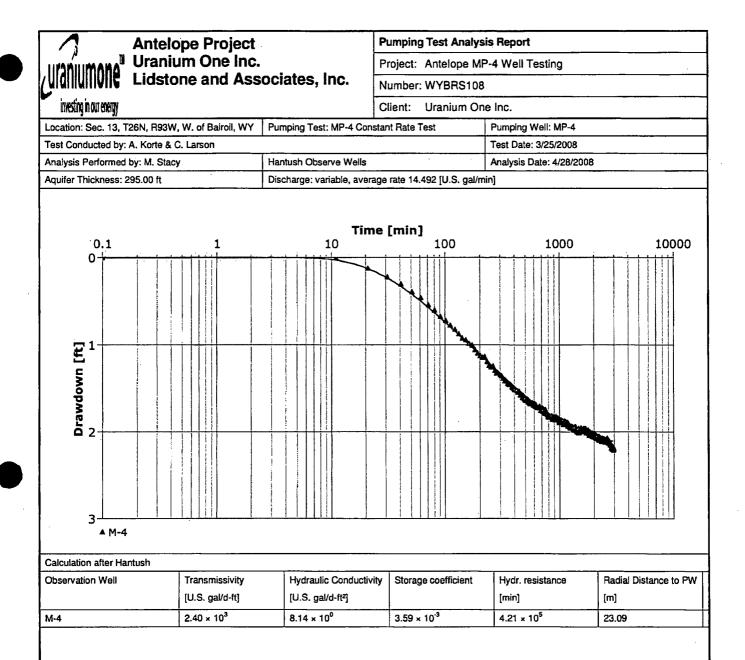


Observation Well	Transmissivity	Hydraulic Conductivity	Storage coefficient	Radial Distance to PW	
	[U.S. gal/d-ft]	[U.S. gal/d-ft ²]		[m]	
MP-4	5.43 × 10 ²	1.84 × 10 ⁰	8.33 × 10 ⁻³	0.04	

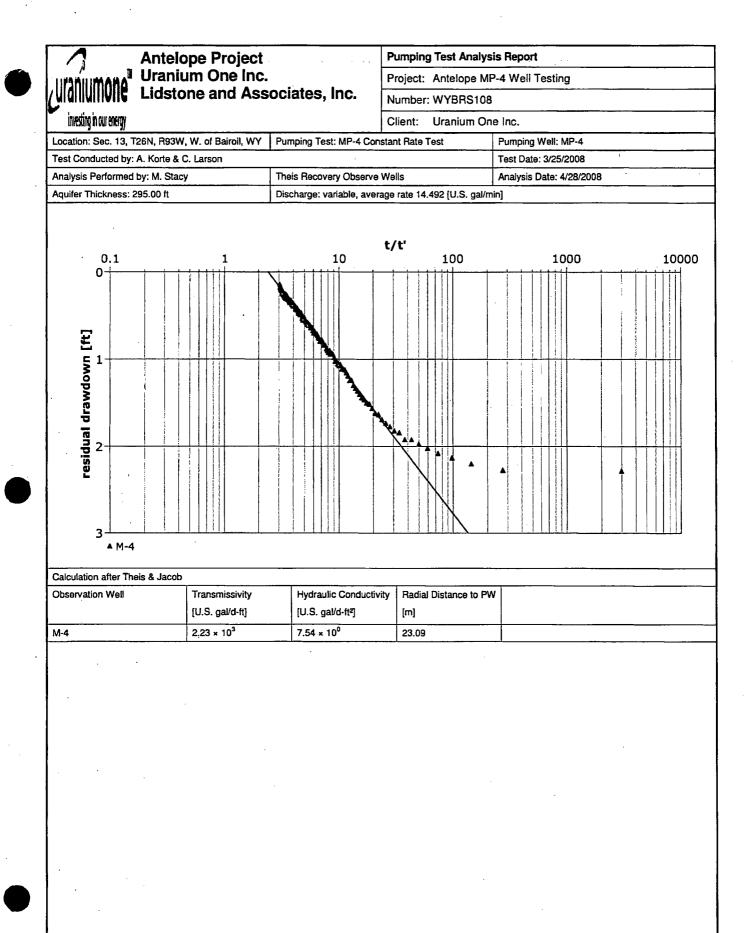
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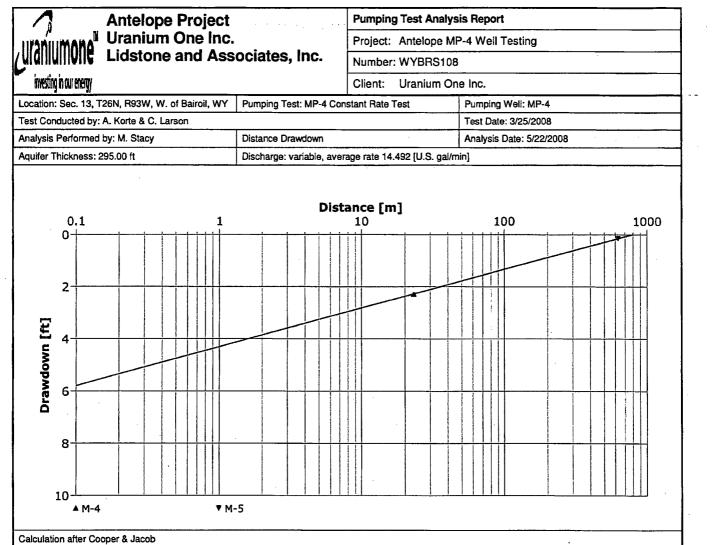


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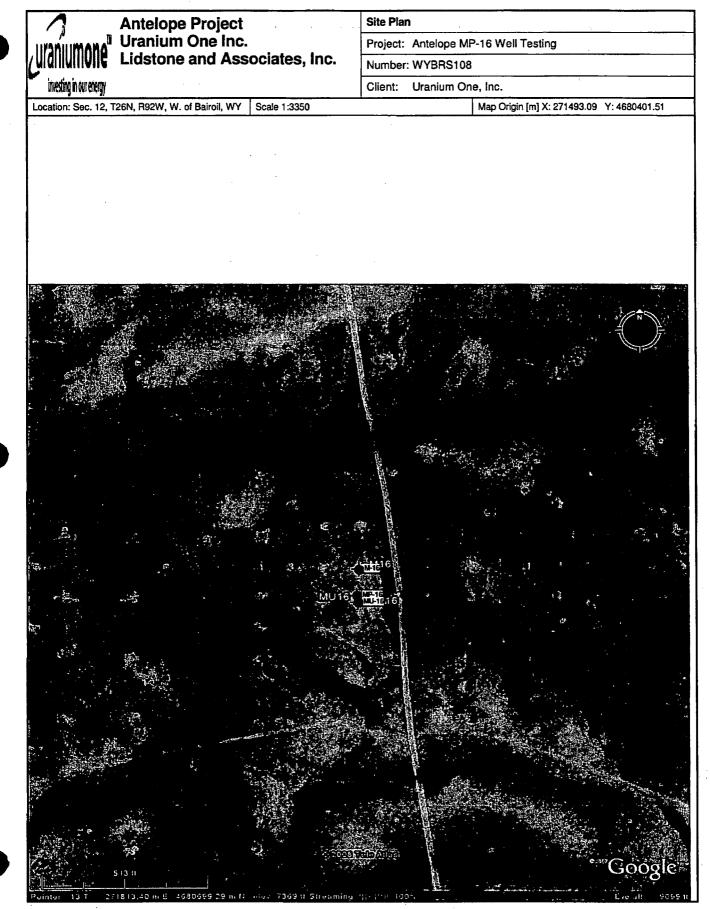




· ·	Transmissivity [U.S. gal/d-ft]	Hydraulic Conductivity [U.S. gal/d-ft ²]	Storage coefficient	
Point of time [min]: 2990	5.12 × 10 ³	1.74 × 10 ¹	4.90 × 10 ⁻⁴	

M-16 Aquifer Test Analysis

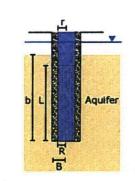
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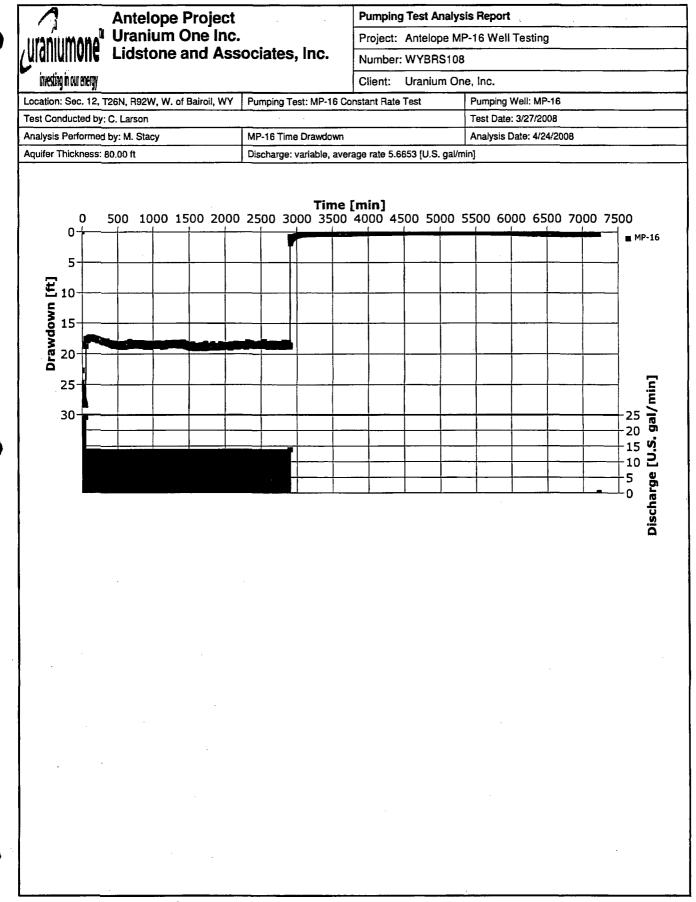
5.

Antelope Project Uranium One Inc. Lidstone and Associates, Inc.			Pumping Test Analysis Report Project: Antelope MP-16 Well Testing Number: WYBRS108 Client: Uranium One, Inc.					
Loca	ation: Sec. 12, T26N,	R92W, W. of Bairoil,	WY Pun	mping Test: MP-16 Co	nstant Rate Test	Pumping Well:	MP-16	
Tes	Conducted by: C. La	arson				Test Date: 3/27	7/2008	
Aqu	ifer Thickness: 80.00	ft	Disc	charge: variable, avera	age rate 5.6653 [U.S. g	jal/min]		
	Analysis Name	Analysis Performed	tAnalysis [Date Method name	Well	T [U.S. gal/d-ft]	K [U.S. gal/d-ft ²]	S
1	Hantush-leaky	M. Stacy	4/28/2008	B Hantush	MP-16	1.93 × 10 ³	2.41 × 10 ¹	2.07 × 10 ⁻⁶
2	Cooper Jacob	M. Stacy	4/28/2008	Gooper & Jacob	ol MP-16	7.76×10^2	9.71 × 10 ⁰	9.90 × 10 ⁻¹³
3	Theis Recovery	M. Stacy	4/28/2008	3 Theis Recovery	MP-16	4.83 × 10 ³	6.04 × 10 ¹	
4	Theis Recovery	M. Stacy	4/28/2008	3 Theis Recovery	M-16	3.84 × 10 ³	4.80×10^{1}	·
5	Hantush Observe V	ViM. Stacy	4/28/2008	B Hantush	M-16	6.14×10^2	7.68 × 10 ⁰	2.72 × 10 ⁻⁴
		·	L	.	Averag	e 2.40 × 10 ³	3.00 × 10 ¹	9.14 × 10 ⁻⁵

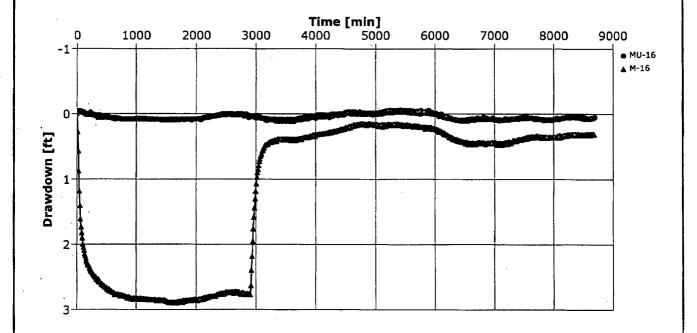
Antelope Project	Wells
Uranium One Inc.	Project: Antelope MP-16 Well Testing
Lidstone and Associates, Inc.	Number: WYBRS108
investing in our energy	Client: Uranium One, Inc.



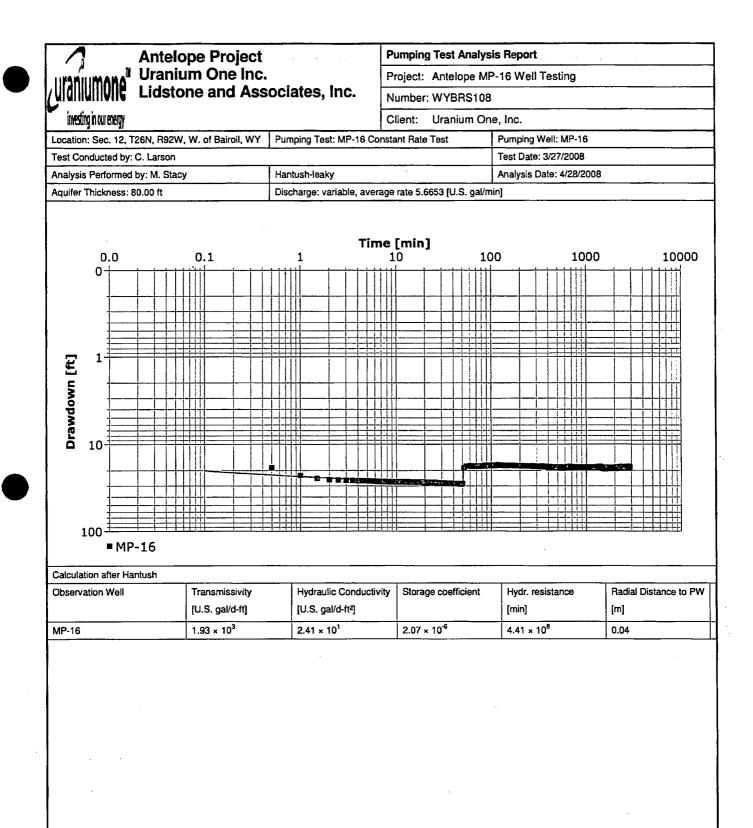
	Name	X [m]	Y [m]	Elevation (ams	Penetration	R [ft]	L [ft]	r [ft]	B [ft]
1	MP-16	271809.25	4680694.79	2246.37	Partially	0.125	15	0.1875	0.33
2	MU-16	271810.29	4680688.55	2246.37	Partially	0.08	40	0.08	0.25
3	M-16	271811.33	4680720.27	2244.85	Partially	0.08	15	0.08	0.25

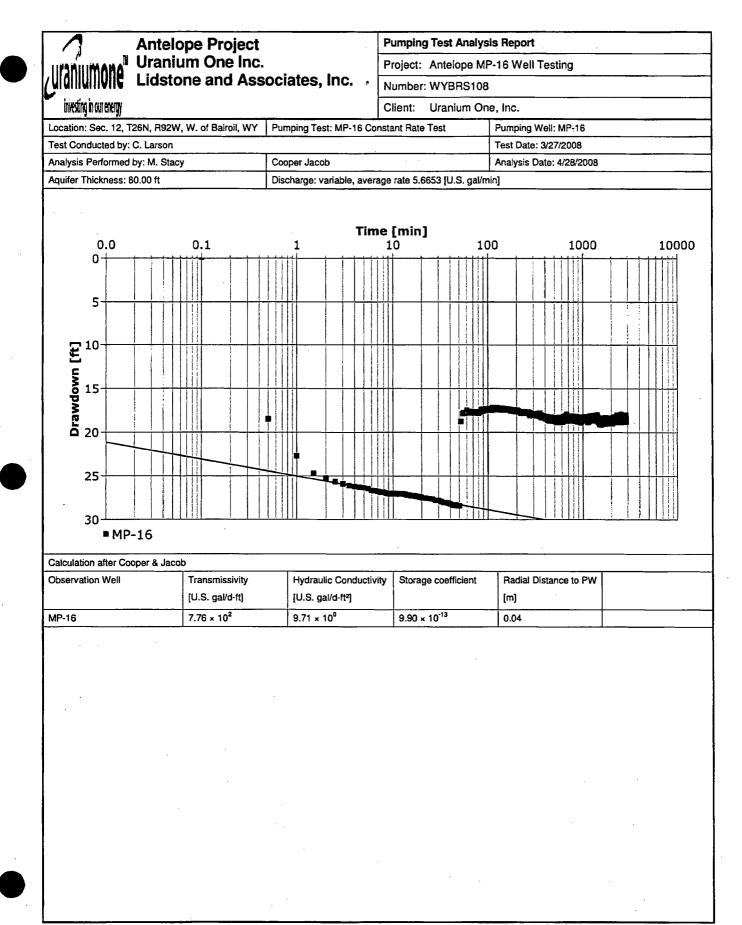


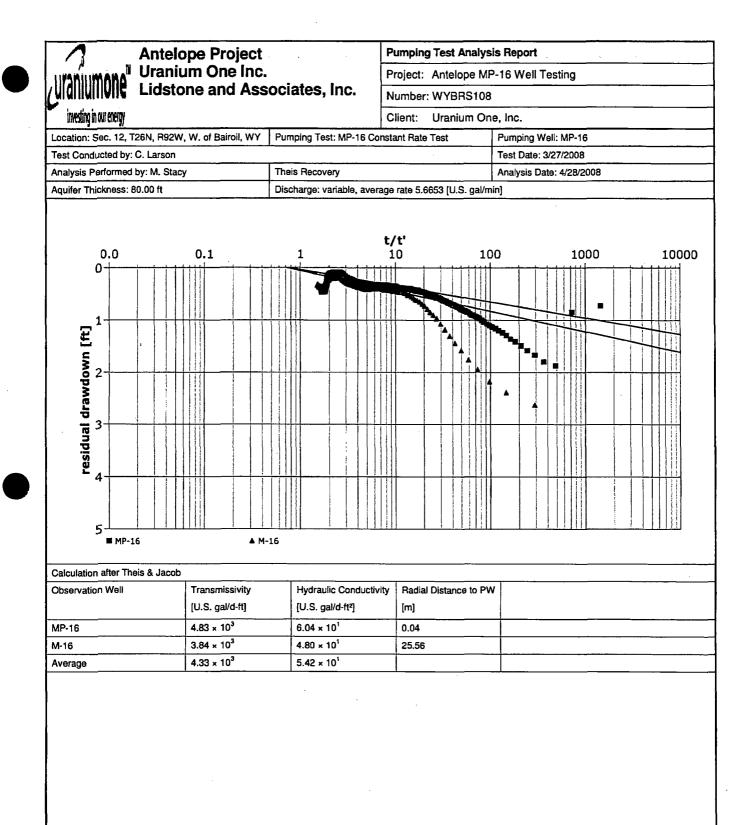
Antelope Project Uranium One Inc. Lidstone and Associates, Inc.		Pumping Test Analysis Report Project: Antelope MP-16 Well Testing Number: WYBRS108							
					investing in our energy		Client: Uranium One, Inc.		
					Location: Sec. 12, T26N, R92W, W. of Bairoil, WY	Pumping Test: MP-16 C	onstant Rate Test	Pumping Well: MP-16	
Test Conducted by: C. Larson	• • • •		Test Date: 3/27/2008						
Analysis Performed by: M. Stacy	Observation Wells Time	Drawdown	Analysis Date: 4/24/2008						
Aquifer Thickness: 80.00 ft	Discharge: variable, ave	rage rate 5.6653 [U.S. g	gal/min]						

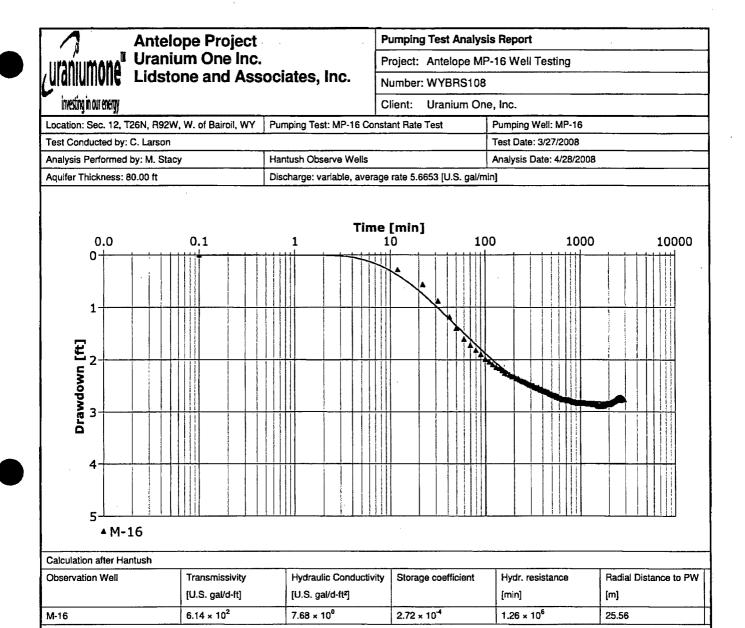


Barometric pressure data were not collected during this test, but hydrograph indicates water level fluctuations due to pressure changes.









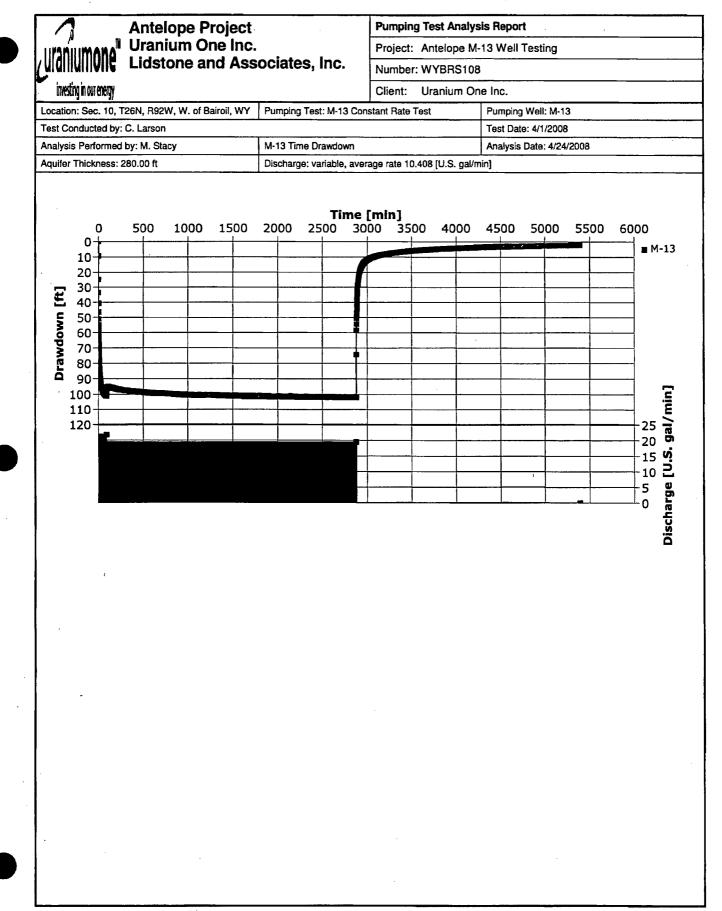
M-13 Aquifer Test Analysis

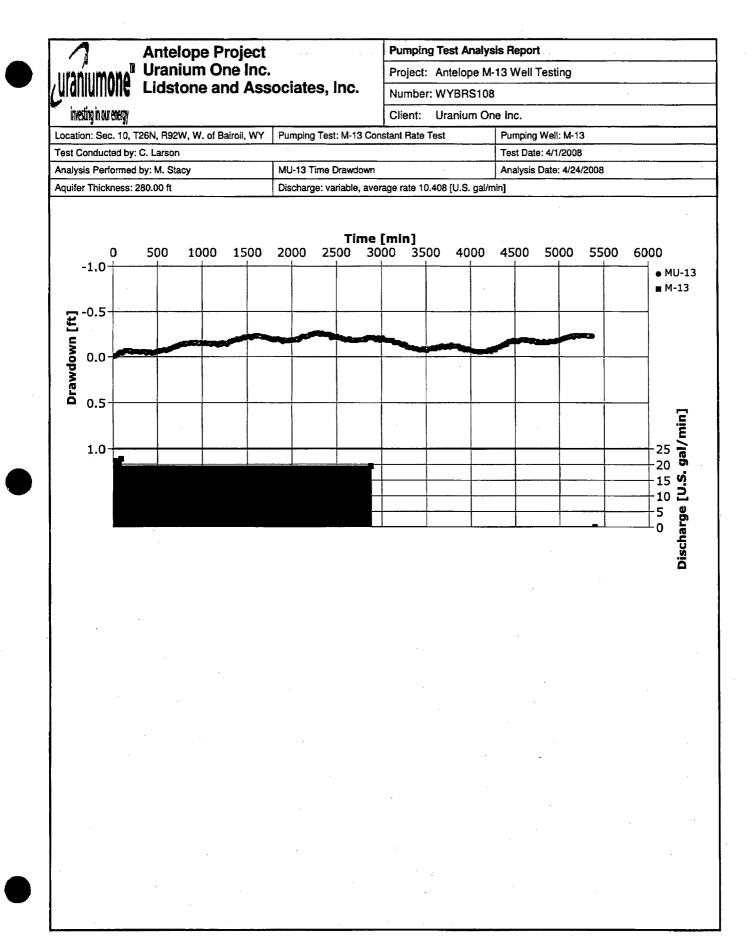
	ntelope Project ranium One Inc.	Site Plan	
	ranium One Inc.	Project: Antelope M-13 Well Testing	
ulaiiluiiviit li	dstone and Associates, Inc.	Number: WYBRS108	
investing in our energy		Client: Uranium One Inc.	
	, R92W, W. of Bairoil, WY Scale 1:5250	Map Origin [m] X: 268162.56 Y: 46797	06.19
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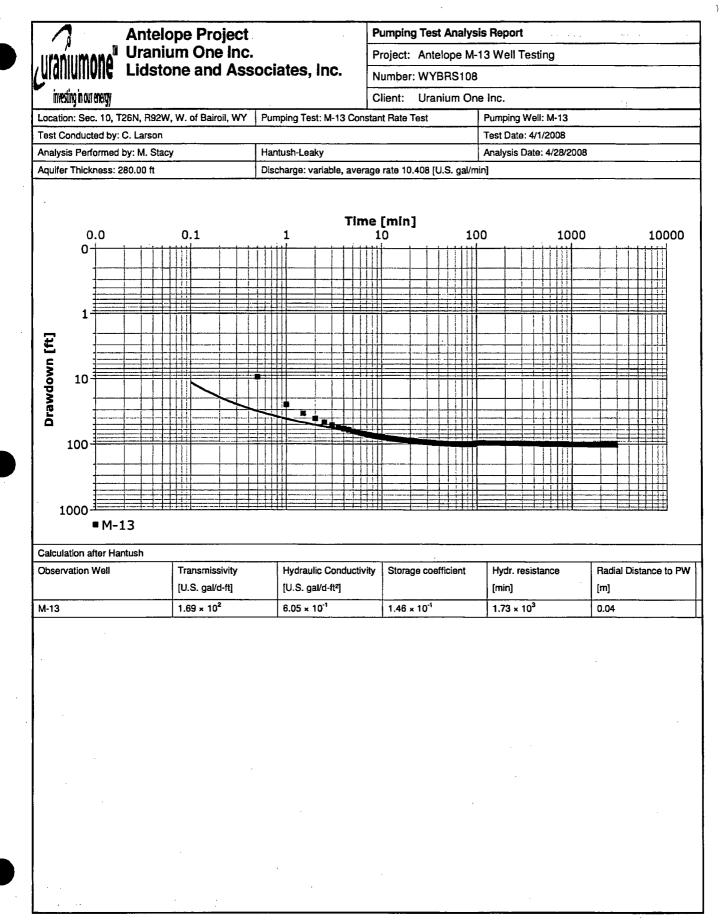
Antelope Project Uranium One Inc. Lidstone and Associates, Inc.					Pumping Test Analysis Report Project: Antelope M-13 Well Testing Number: WYBRS108				
	investing in our energy			0	Client: Uranium C	ne Inc.			
Loc	ation: Sec. 10, T26N	, R92W, W. of Bairoil,	WY Pumpin	g Test: M-13 Consta	ant Rate Test	Pumping Well:	M-13		
Tes	t Conducted by: C. L	arson		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Test Date: 4/1/	2008		
Aqu	uifer Thickness: 280.0	00 ft	Dischar	ge: variable, averag	e rate 10.408 [U.S. gal	/min]			
	Analysis Name	Analysis Performed	LAnalysis Date	Method name	Well	T [U.S. gal/d-ft]	K [U.S. gal/d-ft ²]	S	
1	Hantush-Leaky	M. Stacy	4/28/2008	Hantush	M-13	1.69 × 10 ²	6.05 × 10 ⁻¹	1.46 × 10 ⁻¹	
2	Cooper Jacob	M. Stacy	4/28/2008	Cooper & Jacob I	M-13	5.78 × 10 ²	2.07 × 10 ⁰	6.02 × 10 ⁻¹⁸	
3	Theis Recovery	M. Stacy	4/28/2008	Theis Recovery	M-13	3.00×10^2	1.07 × 10 ⁰		
					Average	3.49 × 10 ²	1.25 × 10 ⁰	7.29 × 10 ⁻²	

Antelope Project	Wells					
Uranium One Inc.	Project: Antelope M-13 Well Testing					
Lidstone and Associates, Inc.	Number	WYBRS108				
investing in our energy	Client:	Uranium One Inc.				
Location: Sec. 10, T26N, R92W, W. of Bairoil, WY						
^{L1}						
b L Aquifer						
R						
B						

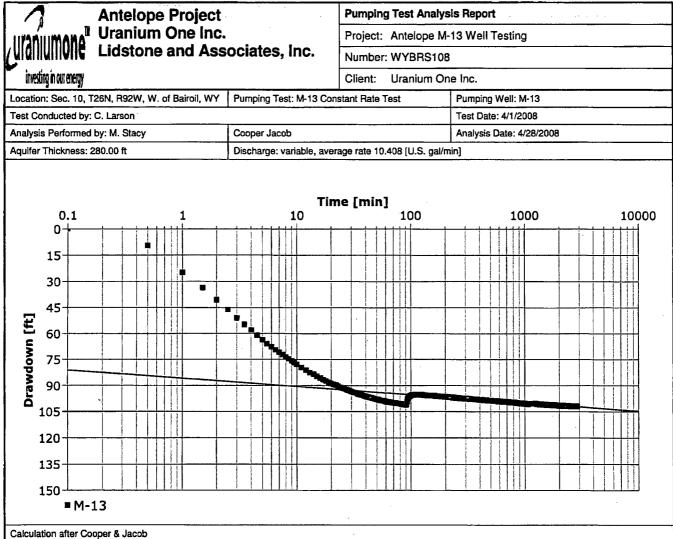
	Name	X [m]	Y [m]	Elevation (an	s Penetration	R [ft]	L [ft]	r [ft]	B [ft]
1	M-13	268684.56	4680234.19	2244.24	Partially	0.125	40	0.188	0.33
2	MU-13	268697.56	4680195.19	2243.02	Partially	0.08	25	0.08	0.25



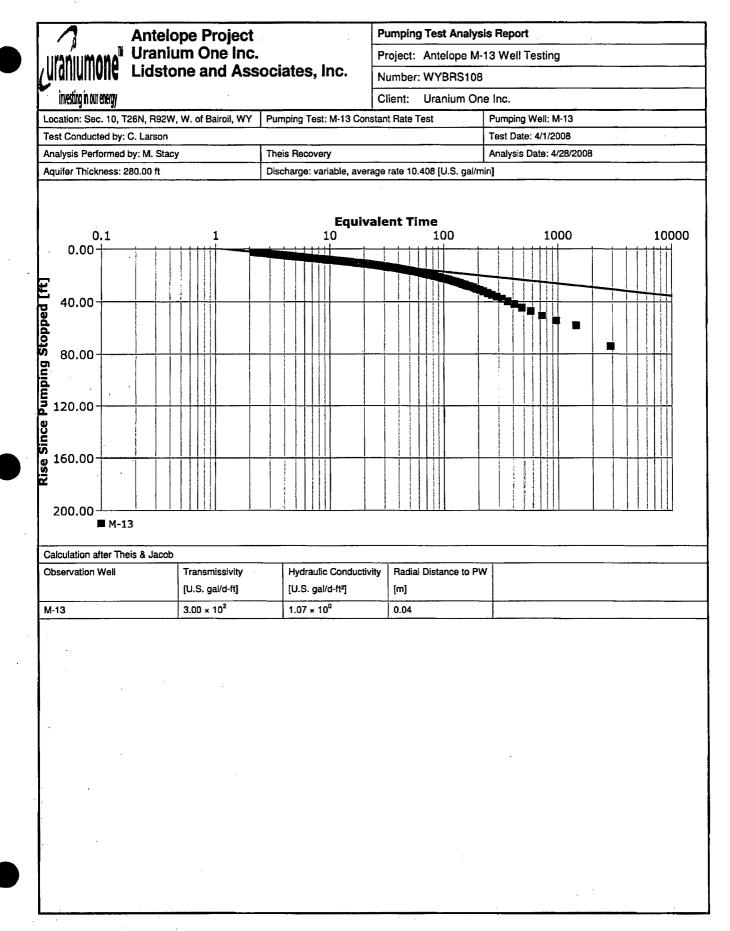




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Observation Well	Transmissivity	Hydraulic Conductivity	Storage coefficient	Radial Distance to PW	······
	[U.S. gal/d-ft]	[U.S. gal/d-ft²]		[m]	
M-13	5.78 × 10 ²	2.07 × 10 ⁰	6.02 × 10 ⁻¹⁸	0.04	



License Application, Environmental Report URANIUM ONE AMERICAS Antelope and JAB Uranium Project Section 3.4 – Water Resources



Addendum 3.4-D Water Quality

July 2008

3.4-D



Analyte	Test Type ¹	Units	SW-1 5/10/2007	SW-2 5/10/2007	SW-3 5/10/2007	SW-4 5/10/2007	SW-5 5/10/2007	SW-6 5/15/2007	SW-7 5/15/2007
A/C Balance (± 5)	DIS	%	10.2	3.56	21.1	4.37	42.9	4.03	13.2
Anions	DIS	meq/L	0.717	4.71	0.545	3.25	0.186	0.895	0.306
Bicarbonate as HCO3	DIS	ma/L	39	117	20	124	7	24	11
Carbonate as CO3	DIS	mg/L	0.5	0.5	0.5	2	0.5	0.5	0.5
Cations	DIS	meg/L	0.585	4.39	0.837	3.55	0.074	0.825	0.234
Chloride	DIS	mg/L	0.5	4	0.5	3	0.5	1	0.5
Conductivity	DIS	umhos/cm	64.5	404	41.3	278	5	50	22.6
Fluoride	DIS	mg/L	0.1	0.2	0.05	0.2	0.05	0.1	0.05
pH	DIS	s.u.	7.35	8.07	7.44	8.42	6.48	7.63	6.65
Solids. Total Dissolved Calculated	DIS	mg/L	33	294	38	207	125	58	17
Solids, Total Dissolved TDS @ 180 C	DIS	mg/L	46	346	102	238	14	146	32
Sulfate	DIS	mg/L	2	128	9	52	3	19	6
TDS Balance (0.80 - 1.20)	DIS	dec. %	1.39	1.18	2.68	1.15	125	3.1	1.88
Nitrogen, Ammonia as N	DIS	mg/L	3.93	0.05	0.09	0.025	0.07	0.025	0.025
Nitrogen, Nitrate+Nitrite as N	DIS	mg/L	0.1	0.05	0.3	0.05	0.05	0.9	0.1
Iron	тот	mg/L	0.33	1.36	1.18	2.46	0.28	7.05	1.1
Manganese	TOT	mg/L	0.02	0.05	0.03	0.06	0.02	0.59	0.07
Aluminum	DIS	mg/L	0.3	1.7	2.7	0.6	0.1	0.7	0.05
Arsenic	DIS	mg/L	0.002	0.003	0.001	0.004	0.0005	0.005	< 0.001
Barium	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium	DIS	mg/L	< 0.005	< 0.005	<0.005	<0.005	< 0.005	<0.005	< 0.005
Calcium	DIS	mg/L	2	19	3	22	0.5	0.5	2
Chromium	DIS	mg/L	< 0.05	<0.05	< 0.05	< 0.05	<0.05	< 0.05	<0.05
	DIS	mg/L	<0.01	<0.01	<0.01	< 0.01	< 0.01	< 0.01	<0.01
Copper Iron	DIS	mg/L	0.12	0.38	0.6	3.02	0.06	0.83	0.015
Lead	DIS	mg/L	0.0005	0.0005	0.001	0.002	0.0005	0.0005	0.0005
Magnesium	DIS	mg/L	0.5	0.0005	0.5	6	0.5	0.5	0.5
	DIS	mg/L	0.04	0.005	0.005	0.01	0.005	0.005	0.005
Manganese Mercury	DIS	mg/L	<0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Molybdenum	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.001
Nickel	DIS	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	< 0.05	<0.05
Potassium	DIS	mg/L	3	4	-0.03	3	0.5	40.00	-0.00
Selenium	DIS	mg/L	0.001	0.001	0.001	0.001	0.0005	0.0005	0.001
Silica	DIS	mg/L	3.8	13.6	6.8	19.9	0.6	9.9	0.9
	DIS	mg/L	0.5	61	6.0	38	0.5	6	0.5
Sodium	DIS	mg/L mg/L	0.00015	0.0044	0.00015	0.0042	0.00015	0.0003	0.00015
Uranium	DIS	mg/L mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vanadium	DIS	and the second division of the second divisio	0.05	0.005	0.01	0.005	0.005	0.005	0.005
	DIS	pCi/L	5.8	19.5	5.6	16.8	1.6	3.8	1.2
Gross Alpha			5.6	19.5	5.0	10.0	1.0	5.0	ع. ۱
Gross Alpha MDC	DIS	pCi/L pCi/L	5.8	14.4	5.7	11	2.1	4.2	2.3
Gross Beta	DIS		0.1	5.2	0.1	2.2	0.1	0.1	0.1
Radium 226	DIS	pCi/L	0.1	5.2	0.1	2.2	0.1	0.1	0.1
Radium 226 MDC	DIS	pCi/L	4.5	0.5	0.5	0.5	0.5	0.5	0.5
Radium 228 1. Test Type Codes: DIS = Dissolutio	DIS	pCi/L	1.5	0.5	0.5	0.5	0.5	0.5]	0.5

1. Test Type Codes: DIS = Dissolution, TOT = Total Highlighted values represent values under detectable limit. For averaging purposes, value presented is 1/2 the limit value (e.g. 0.5 = <1)

ANTELOPE GROUND WATER QUALITY RESULTS BY WELL

Antelo	pe	ground	water	quality	results	by	well

Description Description 642000 640000 <	Analyte	Test Type ¹	Units	M-1	MU-2		4	MU-4	MP-4		-5	M-6 M		M-		M-9	
obsis obsis mpd 2.88 3.12 4.90 7.88 3.16 4.90 4.60 4 3.27 4.67 1.29 2.50 4.68 4.60 4.70 1.10 1									the second s								12/31/2007
circle and control 05 mp2 107 107 101 111					and the second se	Statistics of the second s					7.23						1.58
actional action DS mpd. 0.65 0.55				The Party of the P	And the second			and the second se		and the second division of the second divisio	4			and the second se	and the second se		4.39
inform info media 2.29 3.15 7.86 7.80			NAME OF TAXABLE PARTY AND ADDRESS OF TAXABLE PARTY.			The second s						118	the second s				149
Sinder OS mpL 12 2 1 4 1 12 13 4 5 9 9 Sinderly OS mpL 02 8.1 7.8 7.			and the second division of the second divisio									2					0.5
Simologing Dis Winder 288 288 941 110 276 <			and the second se	2.99		7.95	7.13		4.49	4.65	3.47	2.73	4.26	2.55			4.53
Horde Dis mpl Col Col </td <td></td> <td></td> <td>and the second design of the s</td> <td>2</td> <td>-1</td> <td>7</td> <td>4</td> <td>-</td> <td>4</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td></td> <td></td> <td>5</td>			and the second design of the s	2	-1	7	4	-	4	1	2	3	4	5			5
pi + Dis s.b. T.g 8.1 T.78 T.			and the second division of the second divisio					and the second se							and the second se	and the second se	424
State, Tord Descrive Galadate Dist mgh. 171 178 440 440 470 152 233 244 224 187 245 189 241 Dist, Table Descrive TS & 100 0 Dist Dist <td></td> <td>the second se</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.2</td>											the second se						0.2
Stath, Total Disacked TOS @ 196 ImgL 172 184 445 446 247 241 288 182 232 187 198 284 TOS Barkaro (0.6.1-120) Dis Markaro (0.6.1-120) Dis Markaro (0.6.1-120) Dis Markaro (0.6.1-120) Dis Dis Markaro (0.6.1-120) Dis D						and the second se		and the second se				Statement of the Statem				the local distance in the second distance of	8.14
Statis IS mpL 33 42 19 122 35 65 125 83 28 65 39 28 60 Mitgen Autometia at N 05 64.5 0.05			and the second diversion of th		and the second se					the second se				the second se			276
Dies eine M 101 0.99 1.01 0.82 1.09 1.99 0.98 0.98 0.98 1.02 Wingen, Anumanie NOIS mg/L 0.025								the second s		and the second se		the second s				and the second se	278
Wareger, Anthendia et N Dis mg/L 0.21 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.055 0.05 </td <td>the second s</td> <td></td> <td>and the second division of the second divisio</td> <td></td> <td></td> <td></td> <td>192</td> <td></td> <td></td> <td>and the second se</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>86</td>	the second s		and the second division of the second divisio				192			and the second se							86
Ninogen Ninogen Opi Opi< Opi< <t< td=""><td>TDS Balance (0.80 - 1.20)</td><td></td><td>and the second se</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>and the second se</td><td></td><td>1.01</td></t<>	TDS Balance (0.80 - 1.20)		and the second se				1								and the second se		1.01
International and another internal and another internal and another internal another	Nitrogen, Ammonia as N				Contraction of the local division of the loc				and the second design of the s		the second design of the secon						0.1
Manganesh ToT mpl 0.02 0.006 0.005 0.02 0.01 0.055 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.01	Nitrogen, Nitrate+Nitrite as N														the second se		0.05
Auminani Dis mgil 40,1	Iron							the second s							and the second day of the seco		0.015
Arrene Dis mgl. 0.011 0.002 0.0035 0.003 0.001 0.000 0.006 0.014 0.014 0.003 0.003 0.000																	0.005
Disk mg/L 0.055 0.002 0.0025 0.0016 0.016	Aluminum		and the second design of the s														<0.1
Beron DIS mg/L 0.052 0.055 0.051 0.	Arsenic																0.002
Cadmium DIS mgA 0.0028 0.003	Barium					The second						Contraction of the local division of the loc					0.05
Calcium DIS mgL 44 22 110 101 19 62 65 47 71 55 24 24 65 Compair DIS mgL 40.05 40.05 40.05 40.05 40.05 40.05 40.05 40.05 40.05 40.05 40.05 40.01 <t< td=""><td>Boron</td><td></td><td>mg/L</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.05</td></t<>	Boron		mg/L														0.05
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Cadmium		mg/L		and the second se			and the second se	and the second se			NAME AND ADDRESS OF TAXABLE PARTY.					0.0025
	Calcium			41	32												64
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Chromium				< 0.05												<0.05
Lead DiS mg/L 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.001 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 </td <td>Copper</td> <td>and the second se</td> <td></td> <td><0.01</td> <td></td> <td><0.01</td>	Copper	and the second se		<0.01													<0.01
	Iron		mg/L		0.015			0.015					the second se				0.015
Manganese DiS mg/L 0.01 0.006 0.026 0.022 0.006 0.14 0.005 0.006 0.006 0.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005 <.0005	Lead		mg/L	0.0005	0.0005	0.0005	0.0005	0.004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.001	0.0005	0.001
Imercury DIS mg/L <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <.001 <th< td=""><td>Magnesium</td><td></td><td></td><td>3</td><td>2</td><td></td><td>the second se</td><td></td><td>4</td><td>8</td><td>5</td><td>2</td><td>6</td><td>2</td><td></td><td>-</td><td>4</td></th<>	Magnesium			3	2		the second se		4	8	5	2	6	2		-	4
Molybedrum Dis mg/L	Manganese		mg/L		0.005							0.005					0.005
Nickel DIS mg/L			mg/L												and the second se		<.001
Pritassum DIS mg/L 3 4 3 3 10 6 2 2 5 3 4 6 5 Getenlum DIS mg/L 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0016 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 0.0005 <td>Molybdenum</td> <td>DIS</td> <td>mg/L</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td><0.1</td> <td></td> <td><0.1</td> <td><0.1</td> <td></td> <td><0.1</td>	Molybdenum	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1		<0.1
Selenium DIS mq/L 0.0005 0.0005 0.001 0.001 0.0005	Nickel			<0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Silica DIS ng/L 11.7 18.4 18.6 19.7 27.2 20.9 15.9 15 17.5 13.8 18.8 20.7 17.7 Uranium DIS mg/L 0.235 0.0014 28 30 24 21 17 15 20.22 25 26 23 Uranium DIS mg/L 0.0235 0.0014 0.037 0.0116 0.0624 0.007 0.0058 0.366 0.00015 0.023 0.0015 0.016 0.00 Vanaduum DIS mg/L <0.01	Potassium		mg/L	3		3	3	10	6	2	2	5	3	4	6		4
Sodum DIS mg/L 14 28 30 24 21 21 17 15 20 22 25 26 23 Uranium DIS mg/L 0.235 0.0014 0.037 0.0116 0.016 0.0024 0.007 0.0058 0.366 0.00015 0.0023 0.0015 0.002 0.0016 0.0023 0.0015 0.0023 0.0015 0.002 0.0016 0.002 0.005 <td>Selenium</td> <td></td> <td></td> <td>0.0005</td> <td>0.0005</td> <td>0.0005</td> <td></td> <td></td> <td></td> <td>0.0005</td> <td>0.0005</td> <td>0.0005</td> <td>0.0005</td> <td>0.0005</td> <td>and the second se</td> <td>and the second se</td> <td>0.0005</td>	Selenium			0.0005	0.0005	0.0005				0.0005	0.0005	0.0005	0.0005	0.0005	and the second se	and the second se	0.0005
Uranium DiS mg/L 0.235 0.0014 0.037 0.0116 0.016 0.0024 0.007 0.0058 0.386 0.00015 0.0023 0.0015 0.016 0.0023 Vanadium DIS mg/L <0.1	Silica	DIS	mg/L	11.7	18.4	18.5			20.9	15.9		17.5			20.7		18.5
Vanadium DIS mg/L <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	Sodium		mg/L	14	28	30	24	21	21	17	15	20	22	25	26	23	21
Zinc DIS mg/L 0.005 0.0	Uranium		mg/L	A CONTRACTOR OF	0.0014			0.016	0.0624	0.007		0.366	0.00015	0.0023	0.0015	0.016	0.0208
Gross Alpha DIS pC/L 231 28.8 104 71.6 39 81.8 19.6 19.2 1350 7.5 11.2 10.8 20.6 1 Gross Alpha MDC DIS pC/L 1.4 1.	Vanadium	DIS	mg/L			<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
Gross Apha MDC DIS pCi/L 1.4 1.1 1.1 1.1 1.1	Zinc	DIS	mg/L	0.005	0.005	0.11	0.06	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005		0.01
Gross Beta DIS pC/L 51.3 17.4 38.7 28.2 16.5 32.8 14.6 13.7 508 7.8 10.7 14.1 20.3 Gross Beta MDC DIS pC/L 2.8 2.8 2.5 2.5 2.6 2.4 2.8 2.8 2.7 2.6 Lead 210 DIS pC/L 7 -10.3 14 4.1 9.5 0.6 3.2 0.5 102 7 14.8 19.6 Polonium 210 DIS pC/L 1 0.9 0.2 1.5 1.6 0.6 1.6 0.5 20 1.1 1.1 2.3 Radium 226 DIS pC/L 0.22 0.17 0.21 0.2	Gross Alpha			231	28.8			39	81.8	19.6	19.2	1350	7.5	11.2	10.8		28.9
Gross Beta MDC DIS pCi/L 2.8 2.8 2.5 2.5 2.6 7 2.4 2.8 2.8 2.7 2.6 Lead 210 DIS pCi/L 7 -10.3 14 4.1 9.5 0.0 3.2 0.5 102 7 14.8 19.6 Polonium 210 DIS pCi/L 1 0.9 0.2 1.5 1.6 0.6 1.6 0.5 20 1.1 1.1 2.3 4.1 9.5 Radium 226 DIS pCi/L 1.7 5.1 24.3 2.8 2.5 9 5.6 7.2 209 1.1 1.1 2.3 4.1 5.2 Radium 226 DIS pCi/L 0.22 0.17 0.21 0.2 0.21 0.2 0.2 0.21 0.2	Gross Alpha MDC			1.4								the second s	Contract of the local division of the local				
Lead 210 DIS pCi/L 7 -10.3 14 4.1 9.5 0.0 3.2 0.5 102 7 14.8 19.6 Polonium 210 DIS pCi/L 1 0.9 0.2 1.5 1.6 0.6 1.6 0.5 20 1.1 1.1 0.2 2.3 2.5 9 5.6 7.2 269 1.9 2.3 4.1 5.2 Radium 226 MDC DIS pCi/L 0.22 0.17 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.2 0.21 0.3 3.3 3.2 3.7 4.3 6.8 0.4 0.1 0.1 <td>Gross Beta</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13.7</td> <td></td> <td>and the second se</td> <td></td> <td>14.1</td> <td></td> <td>18.9</td>	Gross Beta										13.7		and the second se		14.1		18.9
Polonium 210 DIS pCi/L 1 0.9 0.2 1.5 1.6 0.6 1.6 0.5 20 1.1 1.1 2.3 Radium 226 DIS pCi/L 1.7 5.1 24.3 22.8 2.5 9 5.6 7.2 269 1.9 2.3 4.1 5.2 Radium 226 MDC DIS pCi/L 0.22 0.17 0.21 0.2 0.2 0.21 0.2 <th0.8< th=""></th0.8<>	Gross Beta MDC	DIS	pCi/L	2.8	2.8	2.5		2.5	2.6	2.4		2.8	2.8	2.7		2.6	
Radium 226 DIS pCi/L 1.7 5.1 24.3 22.8 2.5 9 5.6 7.2 269 1.9 2.3 4.1 5.2 Radium 226 MDC DIS pCi/L 0.22 0.17 0.21 0.2 <th0.2< th=""> <th0.2< td="" th<=""><td>Lead 210</td><td></td><td>pCi/L</td><td>7</td><td>-10.3</td><td>14</td><td>4.1</td><td>9.5</td><td>0</td><td>3.2</td><td>0.5</td><td>102</td><td>7</td><td>14.8</td><td>:</td><td>19.6</td><td></td></th0.2<></th0.2<>	Lead 210		pCi/L	7	-10.3	14	4.1	9.5	0	3.2	0.5	102	7	14.8	:	19.6	
Radium 226 MDC DIS pCi/L 0.22 0.17 0.21 0.2 0.21 0.2 0.2 0.21 0.08 Radium 228 DIS pCi/L 2.9 5.8 6.3 2.9 4.5 8.9 5.9 4.9 3.3 3.2 3.7 4.3 6.8 Radium 228 MDC DIS pCi/L 1.1 1.3 1.1 1.6 1.1	Polonium 210			1						1.6		20	1.1				
Radium 226 MDC DIS pCi/L 0.22 0.17 0.21 0.2 0.21 0.2 0.22 0.21 0.08 Radium 228 DIS pCi/L 2.9 5.8 6.3 2.9 4.5 8.9 5.9 4.9 3.3 3.2 3.7 4.3 6.8 Radium 228 MDC DIS pCi/L 1.1 1.3 1.1 1.6 1.1		DIS									7.2	269			4.1		6.1
Radium 228 DIS pCi/L 2.9 5.8 6.3 2.9 4.5 8.9 5.9 4.9 3.3 3.2 3.7 4.3 6.8 Radium 228 MDC DIS pCi/L 1.1 1.3 1.1 1.6 1.1 <t< td=""><td></td><td>DIS</td><td></td><td>0.22</td><td></td><td></td><td></td><td></td><td></td><td>0.21</td><td></td><td>0.2</td><td>0.2</td><td></td><td></td><td></td><td></td></t<>		DIS		0.22						0.21		0.2	0.2				
Radium 228 MDC DIS pCi/L 1.1 <td></td> <td>4.9</td> <td>3.3</td> <td></td> <td></td> <td>4.3</td> <td></td> <td>6.8</td>											4.9	3.3			4.3		6.8
Thonum 230 DIS pCi/L 0 0.1 0.1 0 0 0.1<						1.1		1.6		1.1		1.1		1.1		1.1	
Lead 210 SUS pCi/L 21.6 0 45.4 2.8 2.7 0 110 0.5 15.3 26.9 10.3 4.9 Polonium 210 SUS pCi/L 1 0.6 1.2 0.5 0.9 0.4 1.2 2.1 2.7 1.5 0.6 2.2 Radium 226 SUS pCi/L 0.9 0.05 0.9 1.5 -1 -0.4 -0.4 0.1 0.5 1.6 0.6 0.8 Radium 226 MDC SUS pCi/L 0.2 0.4 0.4 1.7 1.8 0.4 0.4 0.2 0.2 0.4 0.4 Thorium 230 SUS pCi/L 0.5 0 0.1 0.6 0.3 0 0.2 0.1 0.5 0.2 0.4				0				0	0	Canada and a sub-	0.1	0.1	0	0		0.5	
Polonium 210 SUS pCi/L 1 0.6 1.2 0.5 0.9 0.4 1.2 2.1 2.7 1.5 0.6 2.2 Radium 226 SUS pCi/L 0.9 0.05 0.9 1.5 -1 -0.4 -0.4 0.1 0.5 1.6 0.6 0.8 Radium 226 MDC SUS pCi/L 0.2 0.4 0.4 -0.4 0.4 0.4 0.5 1.6 0.6 0.8 Thorium 230 SUS pCi/L 0.2 0.4				21.6	0	45.4	2.8	2.7	0	110			26.9	10.3		4.9	
Radium 226 SUS pCi/L 0.9 0.05 0.9 1.5 -1 -0.4 -0.4 0.1 0.5 1.6 0.6 0.8 Radium 226 MDC SUS pCi/L 0.2 0.4 0.4 1.7 1.8 0.4 <td>the second se</td> <td></td> <td>The second s</td> <td></td> <td></td> <td></td> <td>- Andrea (1997) - Andrea (1997) Andrea (1997) - Andrea (1997) -</td>	the second se												The second s				- Andrea (1997) - Andrea (1997) Andrea (1997) - Andrea (1997) -
Radium 226 MDC SUS pCi/L 0.2 0.4 0.4 1.7 1.8 0.4 0.4 0.2 0.2 0.4 Thorium 230 SUS pCi/L 0.5 0 0.1 0.6 0.3 0 0.2 0.1 0 0.5 0.2 0.8				0.9							the second s		and the second se				
Thorium 230 SUS pCi/L 0.5 0 0.1 0.6 0.3 0 0.2 0.1 0 0.5 0.2 0.8									the second se	and the second se						and the second se	
										the second se	0.1	0					
		SUS	mg/L	0.0021	0.00015					0.00015	0.00015	0.00015	0.0011	0.0008		0.0016	

1. Test Type Codes: DIS = Dissolution, TOT = Total Highlighted values represent values under detectable limit. For averaging purposes, value presented is 1/2 the limit value (e.g. 0.5 = <1)

3.4 -D2

ntelope ground water quality results by well

Antelope ground water quality results b	y well	 _						M-13 MU-13 M-14										
Analyte	Test Type ¹	Units		-10	M-			•12			MU-13	M-		M-15	M-1			MU-16
A/C Polonen (L.E)		0/	4/8/2008	11/28/2007	4/8/2008	1/25/2008			4/3/2008	12/31/2007 2.21	4/8/2008		12/31/2007 0.926			12/31/2007 1.97	3/29/2008 1.15	
A/C Balance (± 5) Anions	DIS	%	10.5			3.90					10.6		2.7			4.19		
		meq/L	115			<u> </u>						<u>. </u>	2.7			4.19		
Bicarbonate as HCO3 Carbonate as CO3	DIS	mg/L	0.5								0.5		114	0.5		6		
	DIS	mg/L	3.84			2.98	ingenierie i construction e e		5 Jan		3.23		2.76			4.36	3.96	manufacture
Cations	DIS	meg/L	3.84					3.37	2.90	2.3/	3.23	+ +	2.70	11	4.32	4.30	3.90	
Chloride	DIS	mg/L umhos/cm	328	West of the start		280		290	264	220		· ·	253	930	368	396		
Conductivity	DIS		0.1			0.1					and the second		0.2			0.2		
Fluoride	DIS	mg/L	7.67			7.65				8.45			8.42			8.4	7.96	
pH Solids, Total Dissolved Calculated		s.u. mg/L	208			189							<u> </u>	7.51		255		
	DIS	+ · · · · · · · · · · · · · · · · · · ·	208			169				156	170		164			255	208	
		mg/L	58			40							31			<u></u> 57		
Sulfate	DIS	mg/L	··· 0.97			0.85					0.86		0.96			1.01	40	
TDS Balance (0.80 - 1.20)	DIS	dec.'%														0.09	0.09	
Nitrogen, Ammonia as N	DIS	mg/L	0.1			0.08				0.06			0.05			0.09		
Nitrogen, Nitrate+Nitrite as N	DIS	mg/L	0.05			0.2	200-2000000 march - 1				0.15		0.05	7,96			7 (0.000 // // // // // //	0.015
Iron	TOT	mg/L	2.77			0.015				1.53			0.015			0.015		
Manganese	TOT	mg/L	0.06			0.005				0.05		Hereber and a start and a start and a start a st	0.005			0.005	0.01	0.005
Aluminum	DIS	mg/L	<0.1	< 0.1		<0.1			<0.1		< 0.1		<0.1		<0.1	<0.1	<0.1 0.003	<0.1
Arsenic	DIS	mg/L	0.0005			0.005				0.011	0.005		0.007				-	
Barium	DIS	mg/L	0.05			<u> </u>					0.05		0.05	0.05		0.05	0.05	0.05
Boron	DIS	mg/L	0.05			0.05					0.05						A REAL PROPERTY AND A REAL PROPERTY.	0.0025
Cadmium	DIS	mg/L	: 0.0025			0.0025	0.0025			0.0025	0.0025		0.0025	0.0025	0.0025	0.0025	0.0025	
Calcium	DIS	mg/L	56	44		41				30	41		37		<0.05	64 <0.05	57	
Chromium	DIS	mg/L	< 0.05			< 0.05				<0.05	<0.05		< 0.05				<0.05	
Copper	DIS	mg/L	< 0.01	<0.01	< 0.01	<0.01	< 0.01		< 0.01	< 0.01	< 0.01		< 0.01	<0.01	<0:01	< 0.01	< 0.01	<0.01
Iron	DIS	mg/L	0.015			0.015				0.015			0.015	0.7		0.015	0.015	
Lead	DIS	mg/L	0.0005		0.0005	0.0005	0.0005	0.002	0.0005	0.0005	0.0005		0.0005		0.0005	0.0005	0.0005	0.0005
Magnesium	DIS	mg/L	5		3	3	2	2	4	3	4		2	18	4	C 005	C	<u> </u>
Manganese	DIS	mg/L	0.06			0.005						the second s	0.005	0.15		0.005	0.005	
Mercury	DIS	mg/L	<.001	<.001	<.001	<.001	<.001			<.001	<.001		<.001	<.001	<.001	<.001	<.001	<.001
Molybdenum	DIS	mg/L	<0.1	<u></u>		<0.1					<0.1	· · · · · · · · · · · · · · · · · · ·	<0.1	<0.1		<0.1	<0.1	< 0.1
Nickel	DIS	mg/L	<0.05	<0.05	< 0.05	<0.05		<0.05	< 0.05	<0.05	< 0.05	<u> </u>	< 0.05	<0.05	· · · · · · · · · · · · · · · · · · ·	< 0.05	< 0.05	<0.05
Potassium	DIS	mg/L	2	2	2	2		5	2	3	. 4	•	8	2	4 4	6	2	0 000
Selenium	DIS	mg/L	0.0005	10 14 ()		0.006				0.012	0.008		0.001		0.002	0.001		0.002
Silica	DIS	mg/L	16.3			16.1				19.4	19.1		17.8			19.4	19.4	21.5
Sodium	DIS	mg/L	14			15						the second s	12	26	15	13		
Uranium	DIS	mg/L	/ 0.0313	0.0305		0.145				0.1			0.0734	0.0004	0.809	0.639	0.0072	0.0703
Vanadium	DIS	mg/L	<0.1	<0.1		<0.1	<0.1			<0.1	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	DIS	mg/L	0.005	0.005					the second s				0.005	0.01		0.005		0.005
Gross Alpha	DIS	pCi/L	64.6			123				94.8	92.2		330	13.7		797	345	
Gross Alpha MDC	DIS	pCi/L	1.2		1.2		1.2		1.3		1.2		450	2.6		200	405	1.6
Gross Beta	DIS	pCi/L	21			45.6				39			153			290	125	
Gross Beta MDC	DIS	pCi/L	2.4		2.4		2.4		2.4		2.4			2.5			2.6	
Lead 210	DIS	pCi/L	-3.6	· 1 HILL HER I FRANKRAM		·	62.3		10.9		-3.3			2.8			45.7	11.2
Polonium 210	DIS	pCi/L	0.9				3		0.7		. 1.9			0.8		000	3.3	-0.1
Radium 226	DIS	pCi/L	13.2			1.3					6.3		142			223	129	4.1
Radium 226 MDC	DIS	pCi/L	0.17		0.17		0.56		0.21		0.18			0.21			0.1	
Radium 228	DIS	pCi/L	3	0.5	2.5	8.1	3	2.5			1.6	3	0.5			0.5		
Radium 228 MDC	DIS	pCi/L		W. Dermate, pie - One v 🗸 🗸	<u> 1</u>	··· .	1		1.1		1	1		1.1	<u>+</u>		1.1	
Thorium 230	DIS	pCi/L	0	0.1			. 0		0		0			0	0.4		0.3	
	SUS	pCi/L	· 0	5.3			-5		62.5		0			56.3			16.2	
Polonium 210	SUS	pCi/L	2.1				1.2		0.9		0.6			0.7			2.7	
Radium 226	SUS	pCi/L	2.2				0.1		0.8		-0.6			1.5			1.3	-0.2
Radium 226 MDC	SUS	pCi/L	÷ 0.7		0.7		0.7		0.4		0.6			0.4	0.4		0.3	
Thorium 230	SUS	pCi/L	0.4				0.2		0.8		0.5			0.1	0		0.3	
Uranium	SUS	mg/L	0.0007		0.00015		0.00015	H	0.004	`	0.00015	0.00015		0.00015	0.0007		0.0013	<0.0003
1. Test Type Codes: DIS = Dissolution	. TOT = Total		1. Test Type C	odes: DIS = Dis	solution. TOT = 1	Total			*.						.'			

1. Test Type Codes: DIS = Dissolution, TOT = Total 1. Test Type Codes: DIS = Dissolution, TOT = Total 1. Test Type Codes: DIS = Dissolution, TOT = Total 1. Test Type Codes: DIS = Dissolution, TOT = Total 1. Test Type Codes: DIS = Dissolution, TOT = Total 0.5 = <1)

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JAB GROUND WATER QUALITY RESULTS BY WELL

Analida	Treet Tom 1	Units		MW-12	91			MW-12	92			MW-1298			MW-1299			MW-1300			JAB #1		MP-2069	MP-21
Analyte	Test Type ¹	Units	3/11/2008	12/14/2007	9/25/2007	6/29/2007	3/11/2008	12/14/2007	9/25/2007	6/29/2007	12/14/2007	9/22/2007*	6/28/2007	12/14/2007	9/22/2007*	6/28/2007	12/14/2007	10/1/2007	6/30/2007	11/21/2007	10/1/2007	6/29/2007	3/12/2008	3/13
C Balance (± 5)	DIS	%	3.59	2	2 53	1.86	1.42	2.43	0.407	0.686	4.63	0.659	4.49	3 69	0.7	4.19	3.11	3.76	1.24	9.27	0.553	1.48	4.85	
nions	DIS	meq/L	28.2	25.2	28.5	24.7	5.55	5.48	6.26	5.5	5.78	16	5.69	15.7	5.77	16	3.71	4.03	3.79	16	15.7	13.5	30.1	
carbonate as HCO3	DIS	mg/L	69	66	68	68	127	121	100	100	106	119	107	115	108	117	126	132	127	70	72	73	109	
arbonate as CO3	DIS	mg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
ations	DIS	meg/L	26.2	24.2	27.1	25.6	5.39	5.22	6.21	5.57	5.26	15.8	5.2	14.6	5.69	14.7	3.49	3.74	3.7	13.3	15.5	13.9	27.3	
hloride	DIS	mg/L	10	10	10	11	5	5	7	6	B	10	8	10	8	11	4	10	5	7	8	8	14	
onductivity	DIS	umhos/cm	2110	2150	2260	2160	524	542	601	616	576	1420	574	1380	551	1380	377	338	383	1420	1430	1380	2270	
uonde	DIS	mg/L	0.3	0.2	0.2	0.3	0.5	0.5	0.4	0.4	0.3	0.2	0.4	0.2	0.3	0.3	0.5	0.5	0.5	0.3	0.3	03	0.3	
1	DIS	S.U.	7.73	7.99	7.12	7.72	7.88	8.16	7.14	7.78	8.08	7.61	7.67	7.76	7.92	7.34	8.14	7.96	8.04	7.63	7.66	7 69	7.68	,
olids, Total Dissolved Calculated	DIS	mg/L	1870	1690	1900	1680	357	351	416	367	369	1060	363	1020	377	1040	227	242	235	1030	1060	919	1970	1
	DIS	mg/L	1940	1980	2010	1960	340	379	430	422	406	1060	382	1100	356	1090	249	210	202	1090	1050	1090	2120	1
ulfale	DIS	mg/L	1290	1140	1300	1120	159	160	211	176	182	658	177	648	180	660	73	74	74	702	686	579	1340	1
DS Balance (0.80 - 1.20)	DIS	dec. %	1.04	1.17	1.06	1,17	0.95	1.08	1.03	1,15	1.1	1	1.05	1.08	0.94	1.05	1.1	0.87	0.86	1.06	0.99	1,19	1.08	
	DIS	mg/L	0.025	0.06	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.05	0.015	0.025	0.025	0.025	0.025	0.025	
	DIS	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.2	0.05	0.1	0.05	0.2	0.05	0.02	0.05	0.05	0.1	0.1	0.05	
trogen, Nitrate+Nitrite as N	TOT	mg/L	1.74	0.25	0.15	0.12	0.02	0.25	0.015	0.015	0.05	0.015	0.015	0.015	0.015	0.015	0.34	0.025	0.015	0.04	0.015	0.015	0.42	
	TOT		0.32	0.25	0.15	0.12	0.02	0.02	0.03	0.05	0.01	0.005	0.005	0.005	0.005	0.005	0 02	0.05	0.02	0.005	0.01	0.005	0.17	
anganese		mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
uminum	DIS	mg/L					0.01	0.008	0.01	0.009	0.008	0.005	0.009	0.004	0 009	0.004	0.003	0.003	0.003	0.004	0.004	0.004	0.009	
senic	DIS	mg/L	0.011	0.004	0.005	0.004						<0.1		<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	DIŚ	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1		<0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
non	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1								
admium	DIS	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	< 0.005	<0.005	<0.005	<0.005	< 0.005	<0 005	< 0.005	<0.005	<0.005	<0.005	<0 005	<0.005	<0.005	<0.005	<0 005	<0.005	
licium	DIS	mg/L	414	397	451	433	66	64	84	75	63	240	63	222	69	229	35	39	38	193	227	204	441	
romium	DIS	mg/L	< 0.05	< 0.05	< 0.05	<0.05	<0.05	<0.05	< 0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
opper	DIS	mg/L	<0.01	<0.01	<0.01	< 0.01	<0.01	<0.01	<0.01	<0.01	<0.01	< 0.01	<0.01	< 0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0 01	<0.01	
n	DIS	mg/L	0.09	0.015	0.11	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	
ad	DIS	mg/L	0.001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.003	0.0005	0.003	0.0005	0.003	0.0005	0.0005	0.0005	0.002	0.0005	0.0005	0.0005	0.0005	
agnesium	DIS	mg/L	28	27	31	26	4	4	5	4	4	24	4	21	4	19	2	2	2	13	17	14	30	
anganese	DIS	mg/L	0.3	0.28	0.28	0.29	0.02	0.02	0.03	0.04	0.01	0.005	0.005	0,005	0.005	0.005	0.02	0.02	0.02	0.01	0.01	0.01	0.16	
ercury	DIS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	<0.001	< 0.001	< 0.001	< 0.001	<0.001	< 0.001	<0.001	< 0.001	< 0.001	<0.001	< 0.001	<0.001	<0.001	< 0.001	< 0.001	
olybdenum	DIS	mg/L	<0.1	<0,1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
ckel	DIS	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	< 0.05	<0.05	< 0.05	<0.05	<0.05	< 0.05	<0.05	< 0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	,
otassium	DIS	mg/L	8	9	8	8	3	4	4	4	4	5	3	5	3	5	3	3	3	6	6	6	9	
blenium	DIS	mg/L	0.002	0.002	0.001	0.002	0.003	0.003	0.007	0.005	0.0005	0.021	0.0005	0.018	0.0005	0.018	0.0005	0.0005	0.0005	0.01	0.011	0.013	0.001	1
lica		mg/L	20.5	19.9	19.9	18.4	18.6	17.5	20.9	20.3	16.4	19.5	16.7	18.9	17.2	17.8	13.2	13.1	14.4	14 3	15.4	15	19.2	
odium	DIS	mg/L	40	44	43	371	37	37	34	32	39	40	39	39	41	36	35	35	35	55	61	55	59	
ranium	DIS		0.333	0.348	0.324	0.309	0,166	0.164	0.108	0.106	0.0956	0.431	0.0918	0,412	0.0553	0.418	0.0011	0.0004	0.0009	0.0983	0 115	0 192	1 15	
	DIS	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
anadium		mg/L	0.04	0.02	0.01	0.005	0.07	0.07	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.05	0.08	0 14	0.02	
nc	DIS	mg/L			0.01	0,005			0.01	0.005		0.005	0.005	308	0.005	0.005	12.5	0.005	0.005	88.5	0.00	0 14	3570	
oss Alpha	DIS	pCi/L	1200	1010	1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		130	115			82.9			308	ALCOLUMN AND ALCOLUMN		12.5			00.3			3.7	
oss Alpha MDC	DIS	pCi/L	7.6				1.1													00.0				
	DIS	pCI/L	399	347			43.7	48.2			32.9			105			10 1			30.6			1310	-
oss Beta MDC	DIS	pCi/L	9.6				2.5										in				en an an Anna an Anna an Anna		64	
	DIS	PCIA	87.9		0.5	16	1.5		0.5	0.5		0.5	0.5		0.5	0.5		0.5	0.5	0.5	11	0.5	25.1	
onium 210	DIS	pCi/L	35		38	24	2.4		0.5	0.5		0.5	0.5		0.5	0.5		0.5	0.5	1.4	0.5	0.5	24	
ium 226	DIS	pCi/L	141	139	143	155	5.3	5	2.7	3.3	4	1.6	2.8	2.3	2.2	2.6	3	5.1	2.5	4	42	5.3	1100	
tium 226 MDC	DIS	pCi/L	0.54				0.2																01	
dium 228	DIS	pCi/L	2.9	8.1	5.1	4.1	2.4	2.1	0.5	0.5	2.9	6.4	0.5	5.7	5.2	3.4	2.3	0.5	0.5	7	0.5	6.4	15.6	1
	DIS	pCi/L	1.6				1.3																	
nium 230	DIS	pCi/L	49		0.1	0.1	0.2		0.1	0.1		0.1	0.1		0.1	0.1		0.1	0.1	0.1	0.8	0.1	01	1
d 210	SUS	pCi/L	117		24	0.5	11.4		0.5	0.5		0.5	0.5		0.5	0.5		0.5	0.5	0.5	0.5	0.5		1
Dnium 210	SUS	DCIA	139		130	0.5	3.5		0.5	0.5		3.5	1.4		0.5	21		2.8	0.5	17	2.7	0.5	24.5	1
dium 226	ISUS	pCi/L	16.7		1.2	0.1	-1		0.1	0.1		0.1	0,1		0.1	0.1		2	0.1	0.1	2.9	0.1	57.5	
dium 226 MDC	SUS	PCI/L	1.8	-	1.2	0.1	19		V.1	V.1		V.1	0.1		0.1	0.1							10	1
dium 226 MDC	ISUS	pCVL pCVL	10 4	ing and an and a second second second	0.9	0.1	04		0.1	01		01	0.1		01	0.1		01	0.1	0.4	9.5	0.1	04	d
				Concession The Concession of Procession	0.91	U.11	U41	CONTRACTOR OF A REAL PROPERTY AND A	0.11	0.11	The server sees we are	U 11	U.11	ALL AND THE STATE OF A DESCRIPTION OF A	0.11	U.11	and the second	U.1	U 1	0.41	3 21	0.11	04	

 Drantum
 0.0035
 0.00015
 0.1061

 1. Test Type Codes: DIS = Dissolution, TOT = Total
 1
 Highlighted values represent values under detectable limit. For averaging purposes, value presented is 1/2 the limit value (e.g. 0.5 = <1)</td>
 * Samples for MW-1298 and MW-1299 analyzed on 9/22/2007 may be switched with eachother do to the mix-up of labels. The "switch" was not able to be confirmed.

3.4 -04

ANTELOPE AND JAB FIELD WATER QUALITY

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Antelope and JAB Field Water Quality

Mine Name	Well Name	Date	Pumping Rate (gpm)	PH	Conductivity	Temp (°C)
JAB	MW-1291	3/10/2008	13	7.2	2079	8.68
JAB	MW-1291	6/28/2007	2	7.32	2300	14.9
JAB	MW-1291	9/24/2007	2	7.38	2380	9.
JAB	MW-1292	3/10/2008	80	7.54	534	7.
JAB	MW-1292	6/28/2007	2	7.62	629	13.
JAB	MW-1292	9/24/2007	2	7.62	584	10.
JAB	MW-1298	6/27/2007	2	7.72	590	12.
JAB	MW-1298	9/21/2007	2	7.89	579	11.
JAB	MW-1299	6/27/2007	2	7.36	1355	13.
JAB	MW-1299	9/21/2007	2	7.42	1372	12.
JAB	MW-1300	6/29/2007	2	8	394	14.
JAB	MW-1300	9/28/2007	2	7.9	364	11.
JAB	JAB #1	9/28/2007	45	7.5	1341	10.
JAB	JAB #1	11/21/2007	45	7.3	1324	12.
JAB	MP-2069	3/11/2008	11	7.78	2213	8.
JAB	MP-2069	3/21/2008	10.3	7.13	2450	7.
JAB	MP-2103	3/12/2008	49	7.99	544	8.6
JAB	MP-2103	3/24/2008	29	7.71	579	8.
ANTELOPE	M-1	12/20/2007	10	8.28	449	9.
ANTELOPE	M-1	4/3/2008	10	7.26	267	10.
ANTELOPE	M-2	12/20/2007	10	7.72	801	9.
ANTELOPE	MU-2	4/4/2008	6	8.49	291	11.
ANTELOPE	M-4	11/21/2007	20	7.5	704	11.
ANTELOPE	M-4	4/2/2008	20	7.2	652	10.
ANTELOPE	MP-4	3/7/2008	27	8.39	458	9.2
ANTELOPE	MP-4	3/26/2008	27	7.99	490	9.2
ANTELOPE	MU-4	3/7/2008	9	9.46	217	11.2
	M-5	4/1/2008	10	7.22	392	9.
ANTELOPE	M-5	11/27/2007	18	7.8	376	<u> </u>
ANTELOPE	M-6	1/1/2008	5.5	8.76	318	10.
ANTELOPE	M-6	4/4/2008	8	8.54	250	11.
ANTELOPE	M-7	4/3/2008	2	7.34	373	11.
ANTELOPE	M-8	12/28/2007	6.6	9.26	313	10.
ANTELOPE	M-8	4/3/2008	7	7.57	279	12.
ANTELOPE	M-9	12/28/2007	6.8	8.78	438	9.
ANTELOPE	M-9	3/28/2008	8	8.35	409	10.
ANTELOPE	M-10	11/27/2007	18	7.6	314	8.
ANTELOPE	M-10	4/7/2008	11	7.7	335	8.
ANTELOPE	M-11	1/25/2008	15	7.49	317	9.
ANTELOPE	M-11	4/8/2008	12	7.83	300	10.
ANTELOPE	M-12	12/29/2007	14.2	8.92	315	9.
ANTELOPE	M-12	4/7/2008	11	8.57	273	9.
ANTELOPE	M-13	4/2/2008	20	7.25	262	10.
ANTELOPE	M-13	12/29/2007	14.2	9.79	298	8.
ANTELOPE	MU-13	4/7/2008	10	8.14	279	.11.
ANTELOPE	M-14	12/29/2007	7.9	9.02	272	9.
ANTELOPE	M-14	4/8/2008	12	8.71	242	9.
ANTELOPE	M-15	4/2/2008	5.6	7.19	890	9.
ANTELOPE	M-16	12/29/2007	7	8.94	402	8.
ANTELOPE	M-16	4/2/2008	10.6	7.51	361	
ANTELOPE	MP-16	3/28/2008	14.1	8.31	356	8.
ANTELOPE	MU-16	4/2/2008	12.3	7.45	498	1

ANTELOPE AND JAB SURFACE WATER QUALITY LAB RESULTS

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Antelope and JAB Surface Water Quality Lab Results

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BRS Inc.	SW-1	E DODOG	A/O Delever () E) DIO	arameter Value has	Lab Name Court	Berel ab Sample ID Les	Analysis Date 2 CarAnalytical Method	Comments
			A/C Balance (± 5), DIS		Energy Lab	C07050518-001A	5/10/2007 Calculation	
BRS Inc.	SW-1		Anions, DIS		Energy Lab	C07050518-001A	5/10/2007 Calculation	
BRS Inc.	SW-1	5/9/2007	Bicarbonate as HCO3, DIS		Energy Lab	C07050518-001A	5/10/2007 A2320 B	
BRS Inc.	SW-1		Carbonate as CO3, DIS		Energy Lab	C07050518-001A	5/10/2007 A2320 B	
BRS Inc.	SW-1		Cations, DIS		Energy Lab	C07050518-001A	5/10/2007 Calculation	
BRS Inc.	SW-1		Chlonde, DIS		Energy Lab	C07050518-001A	5/10/2007 A4500-CI B	
BRS Inc.	SW-1	5/9/2007	Conductivity, DIS		Energy Lab	C07050518-001A	5/10/2007 A2510 B	
BRS Inc.	SW-1		Fluoride, DIS		Energy Lab	C07050518-001A	5/10/2007 A4500-F C	
BRS Inc.	SW-1	5/9/2007			Energy Lab	C07050518-001A	5/10/2007 A4500-H B	
BRS Inc.	SW-1		Solids, Total Dissolved Calculated, DIS	33	Energy Lab	C07050518-001A	5/10/2007 Calculation	
BRS Inc.	SW-1	5/9/2007	Solids, Total Dissolved TDS @ 180 C, DIS	46	Energy Lab	C07050518-001A	5/10/2007 A2540 C	
BRS Inc.	SW-1	5/9/2007	Sulfate, DIS		Energy Lab	C07050518-001A	5/10/2007 A4500-SO4 E	
BRS Inc.	SW-1	5/9/2007	TDS Balance (0.80 - 1.20), DIS	1.35	Energy Lab	C07050518-001A	5/10/2007 Calculation	
BRS Inc.	SW-1		Iron, TOT		Energy Lab	C07050518-001B	5/10/2007 E200.7	
BRS Inc.	SW-1	5/9/2007	Manganese, TOT		Energy Lab	C07050518-001B	5/10/2007 E200.7	·
BRS Inc.	SW-1	5/9/2007	Aluminum, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	┝━━━━━━━━━━━┫
BRS Inc.	ISW-1		Arsenic, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	┢╼╾╼╌╼╌╼┥
BRS Inc.	SW-1		Barium, DIS		Energy Lab	C07050518-001C		<u></u>
BRS Inc.	SW-1		Boron, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	┟─────┤
BRS Inc.	SW-1		Cadmium, DIS				5/10/2007 E200.7	├ <u>──</u> ──
BRS Inc.	SW-1	5/5/2007	Calcium, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1		Calcium, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.7	
					Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1		Copper, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8]
BRS Inc.	SW-1	5/9/2007			Energy Lab	C07050518-001C	5/10/2007 E200.7	
BRS Inc.	SW-1		Lead, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1		Magnesium, DIS	1	Energy Lab	C07050518-001C	5/10/2007 E200.7	
BRS Inc.	SW-1		Manganese, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1	5/9/2007	Mercury, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1	5/9/2007	Molybdenum, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	<u>SW-1</u>	5/9/2007	Nickel, DIS	-0.05	Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1	5/9/2007	Potassium, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.7	
BRS Inc.	SW-1	5/9/2007	Selenium, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1	5/9/2007	Silica, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.7	
BRS Inc.	SW-1		Sodium, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.7	·
BRS Inc.	SW-1		Uranium, DIS	-0.0003	Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1		Vanadium, DIS	-01	Energy Lab	C07050518-001C	5/10/2007 E200.8	
BRS Inc.	SW-1		Zinc, DIS		Energy Lab	C07050518-001C	5/10/2007 E200.6	┝━━╾ ╼ ╼╼╼───┥
BRS Inc.	SW-1		Nitrogen, Ammonia as N, DIS		Energy Lab	C07050518-001D	5/10/2007 A4500-NH3 G	├
BRS Inc.	ISW-1		Nitrogen, Nitrate+Nitrite as N, DIS		Energy Lab	C07050518-001D		
BRS Inc.	SW-1		Gross Alpha, DIS	5.	Energy Lab	C07050518-001E	5/10/2007 E353.2	
BRS Inc.	SW-1		Gross Beta, DIS				5/10/2007 [E900.0	├────
BRS Inc.	SW-1	5/9/2007	Radium 226, DIS		Energy Lab	C07050518-001E	5/10/2007 E900.0	
	SW-1				Energy Lab	C07050518-001E	5/10/2007 E903.0	
BRS Inc.			Radium 228, DIS		Energy Lab	C07050518-001E	5/10/2007 RA-05	·
BRS Inc.	SW-2		A/C Balance (± 5), DIS		Energy Lab	C07050518-002A	5/10/2007 Calculation	
BRS Inc.	SW-2		Anions, DIS		Energy Lab	C07050518-002A	5/10/2007 Calculation	l
BRS Inc.	SW-2		Bicarbonate as HCO3, DIS	117	Energy Lab	C07050518-002A	5/10/2007 A2320 B	
BRS Inc.	SW-2		Carbonate as CO3, DIS		Energy Lab	C07050518-002A	5/10/2007 A2320 B	
BRS inc.	SW-2		Cations, DIS		Energy Lab	C07050518-002A	5/10/2007 Calculation	
BRS Inc.	SW-2		Chloride, DIS		Energy Lab	C07050518-002A	5/10/2007 A4500-CI B	
BRS Inc.	SW-2		Conductivity, DIS		Energy Lab	C07050518-002A	5/10/2007 A2510 B	
BRS Inc.	SW-2		Fluoride, DIS		Energy Lab	C07050518-002A	5/10/2007 A4500-F C	
BRS Inc.	SW-2	5/9/2007			Energy Lab	C07050518-002A	5/10/2007 A4500-H B	
BRS Inc.	SW-2	5/9/2007	Solids, Total Dissolved Calculated, DIS		Energy Lab	C07050518-002A	5/10/2007 Calculation	
BRS Inc.	SW-2	5/9/2007	Solids, Total Dissolved TDS @ 180 C, DIS	346	Energy Lab	C07050518-002A	5/10/2007 A2540 C	
BRS Inc.	SW-2	5/9/2007	Sulfate, DIS	128	Energy Lab	C07050518-002A	5/10/2007 A4500-SO4 E	
BRS Inc.	SW-2		TDS Balance (0.80 - 1.20), DIS		Energy Lab	C07050518-002A	5/10/2007 Calculation	//
BRS Inc.	SW-2	5/9/2007	Iron, TOT	1.36	Energy Lab	C07050518-002B	5/10/2007 E200.7	
BRS Inc.	SW-2	5/9/2007	Manganese, TOT		Energy Lab	C07050518-002B	5/10/2007 E200.7	p
BRS Inc.	SW-2	5/9/2007	Atuminum, DIS		Energy Lab	C07050518-002C	5/10/2007 E200.8	r
BRS Inc.	SW-2		Arsenic, DIS		Energy Lab	C07050518-002C	5/10/2007 E200.8	<u> </u>
BRS Inc.	SW-2		Barium, DIS		Energy Lab	C07050518-002C	5/10/2007 E200.8	┟╴╶╍╍╌╌┥
BRS Inc.	SW-2		Boron, DIS			C07050518-002C		┟─────┤
	SW-2			-0.0	Energy Lab		5/10/2007 E200.7	·
	1011-2	3/3/2007	Cadmium, DIS	005	Energy Lab	C07050518-002C	5/10/2007 E200.8	L

BRS Inc.	ISW-2	500007	Calcium, DIS		IT a sum of a la	007050540 0000			
BRS Inc.	SW-2		Calcium, DIS Chromium, DIS	19	Energy Lab Energy Lab	C07050518-002C	5/10/2007		+
BRS Inc.	SW-2		Copper, DIS	-0.03	Energy Lab	C07050518-002C	5/10/2007		<u> </u>
BRS Inc.			Iron, DIS	-0,01	Energy Lab	C07050518-002C	5/10/2007		
BRS Inc.			Lead, DIS		Energy Lab	C07050518-002C	5/10/2007		÷
BRS Inc.						C07050518-002C	5/10/2007		<u> </u>
BRS Inc.	SW-2	5/9/2007	Magnesium, DIS Manganese, DIS		Energy Lab	C07050518-002C	5/10/2007		<u> </u>
					Energy Lab	C07050518-002C	5/10/2007	E200.8	_
BRS Inc.	SW-2		Mercury, DIS		Energy Lab	C07050518-002C	5/10/2007		
BRS Inc. BRS Inc.	SW-2 SW-2		Molybdenum, DIS		Energy Lab	C07050518-002C	5/10/2007		1
			Nickel, DIS		Energy Lab	C07050518-002C	5/10/2007	E200.8	
BRS Inc.	SW-2		Potassium, DIS	4	Energy Lab	C07050518-002C	5/10/2007	E200.7	
BRS Inc.	SW-2	5/9/2007	Selenium, DIS	-0.002	Energy Lab	C07050518-002C	5/10/2007		
BRS Inc.	SW-2		Silica, DIS	13.6	Energy Lab	C07050518-002C	5/10/2007		<u> </u>
BRS Inc.	SW-2	5/9/2007	Sodium, DIS	61	Energy Lab	C07050518-002C	5/10/2007		1
BRS Inc.	SW-2		Uranium, DIS		Energy Lab	C07050518-002C	5/10/2007		
BRS Inc.	SW-2		Vanadium, DIS	0.1	Energy Lab	C07050518-002C	5/10/2007		
BRS Inc.	SW-2		Zinc, DIS		Energy Lab	C07050518-002C	5/10/2007		
BRS Inc.	SW-2	5/9/2007	Nitrogen, Ammonia as N, DIS		Energy Lab	C07050518-002D	5/10/2007	A4500-NH3 G	1
BRS Inc.	SW-2	5/9/2007	Nitrogen, Nitrate+Nitrite as N, DIS	0.1	Energy Lab	C07050518-002D	5/10/2007]
BRS Inc.	SW-2		Gross Alpha, DIS	19.5	Energy Lab	C07050518-002E	5/10/2007		
BRS Inc.	SW-2	5/9/2007	Gross Beta, DIS	14.4	Energy Lab	C07050518-002E	5/10/2007	E900.0	
BRS Inc.	SW-2	5/9/2007	Radium 226, DIS		Energy Lab	C07050518-002E	5/10/2007	E903.0	1
BRS Inc.	ISW-2		Radium 228, DIS		Energy Lab	C07050518-002E	5/10/2007	RA-05	1
BRS Inc.	SW-3		A/C Balance (± 5), DIS	21.1	Energy Lab	C07050518-003A		Calculation	1
BRS Inc.	SW-3		Anions, DIS	0.545	Energy Lab	C07050518-003A	5/10/2007	Calculation	1
BRS Inc.	SW-3	5/9/2007	Bicarbonate as HCO3, DIS	20	Energy Lab	C07050518-003A	5/10/2007	A2320 B	1
BRS Inc.	SW-3		Carbonate as CO3, DIS	-1	Energy Lab	C07050518-003A	5/10/2007	A2320 B	1
BRS Inc.	SW-3	5/9/2007	Cations, DIS	0.837	Energy Lab	C07050518-003A	5/10/2007	Calculation	1
BRS Inc.	SW-3		Chloride, DIS		Energy Lab	C07050518-003A		A4500-CI B	t
BRS Inc.	SW-3	5/9/2007	Conductivity, DIS	41.3	Energy Lab	C07050518-003A	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Fluonde, DIS	-0.1	Energy Lab	C07050518-003A	5/10/2007	A4500-F C	1
BRS Inc.	SW-3	5/9/2007	pH, DIS	7.44	Energy Lab	C07050518-003A	5/10/2007	A4500-H B	1
BRS Inc.	SW-3	5/9/2007	Solids, Total Dissolved Calculated, DIS	38	Energy Lab	C07050518-003A		Calculation	1
BRS Inc.	ISW-3		Solids, Total Dissolved TDS @ 180 C, DIS	102	Energy Lab	C07050518-003A	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Sulfate, DIS		Energy Lab	C07050518-003A		A4500-SO4 E	+
BRS Inc.	SW-3	5/9/2007	TDS Balance (0.80 - 1.20), DIS	2.68	Energy Lab	C07050518-003A	5/10/2007	Calculation	1
BRS Inc.	SW-3	5/9/2007	Iron, TOT		Energy Lab	C07050518-003B	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Manganese, TOT	0.03	Energy Lab	C07050518-003B	5/10/2007	E200.7	1
BRS Inc.	SW-3	5/9/2007	Aluminum, DIS	2.7	Energy Lab	C07050518-003C	5/10/2007	E200.8	1
BRS Inc.	SW-3	5/9/2007	Arsenic, DIS	0.001	Energy Lab	C07050518-003C	5/10/2007	E200.8	1
BRS Inc.	SW-3	5/9/2007	Banum, DIS	-0.1	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Boron, DIS	-0,1	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Cadmium, DIS	-0.005	Energy Lab	C07050518-003C	5/10/2007	E200.8	1
BRS Inc.	SW-3	5/9/2007	Calcium, DIS	3	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Calcium, DIS Chromium, DIS		Energy Lab	C07050518-003C	5/10/2007		
BRS Inc.	SW-3	5/9/2007	Copper, DIS	-0.01	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Iron, DIS	0.6	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Lead, DIS	0.001	Energy Lab	C07050518-003C	5/10/2007		T
BRS Inc.	SW-3	5/9/2007	Magnesium, DIS		Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Manganese, DIS		Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Mercuty, DIS		Energy Lab	C07050518-003C	5/10/2007		T
BRS Inc.	SW-3	5/9/2007	Molybdenum, DIS	-0.1	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Nickel, DIS		Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3	5/9/2007	Potassium, DIS	1	Energy Lab	C07050518-003C	5/10/2007	E200.7	1
BRS Inc.	SW-3	5/9/2007	Selenium, DIS	-0.002	Energy Lab	C07050518-003C	5/10/2007	E200.8	1.
BRS Inc.	SW-3	5/9/2007	Silica, DIS		Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Sodium, DIS		Energy Lab	C07050518-003C	5/10/2007		T
BRS Inc.	SW-3		Uranium, DIS		Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Vanadium, DIS	-0.1	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Zinc, DIS	0.01	Energy Lab	C07050518-003C	5/10/2007		1
BRS Inc.	SW-3		Nitrogen, Ammonia as N, DIS	0.09	Energy Lab	C07050518-003D		A4500-NH3 G	1
BRS Inc.	ISW-3		Nitrogen, Nitrate+Nitrite as N, DIS	0.3	Energy Lab	C07050518-003D	5/10/2007		+
BRS Inc.	SW-3	5/9/2007	Gross Alpha, DIS	5.6	Energy Lab	C07050518-003E	5/10/2007		+
BRS Inc.	ISW-3		Gross Beta, DIS		Energy Lab	C07050518-003E	5/10/2007		1
BRS Inc.	ISW-3		Radium 226, DIS		Energy Lab	C07050518-003E	5/10/2007		1
	SW-3		Radium 228, DIS		Energy Lab	C07050518-003E	5/10/2007		

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BRS Inc.	SW-4		Balance (± 5), DIS		Energy Lab	C07050518-004A	5/10/2007 Calculation	
BRS Inc.	SW-4	5/9/2007 Anior			Energy Lab	C07050518-004A	5/10/2007 Catculation	
BRS Inc.	SW-4		rbonate as HCO3, DIS		Energy Lab	C07050518-004A	5/10/2007 A2320 8	
BRS Inc.	SW-4		onate as CO3, DIS		Energy Lab	C07050518-004A	5/10/2007 A2320 B	
BRS Inc.	SW-4	5/9/2007 Catio			Energy Lab	C07050518-004A	5/10/2007 Calculation	
BRS Inc.	SW-4	5/9/2007 Chlor			Energy Lab	C07050518-004A	5/10/2007 A4500-CI B	
BRS Inc.	SW-4	5/9/2007 Cond		278	Energy Lab	C07050518-004A	5/10/2007 A2510 B	
BRS Inc.	SW-4	5/9/2007 Fluor		0.2	Energy Lab	C07050518-004A	5/10/2007 A4500-F C	
BRS Inc.	SW-4	5/9/2007 pH, D		8.42	Energy Lab	C07050518-004A	5/10/2007 A4500-H B	
BRS Inc.	SW-4		Is, Total Dissolved Calculated, DIS	207	Energy Lab	C07050518-004A	5/10/2007 Calculation	
BRS Inc.	SW-4	5/9/2007 Solid	ts, Total Dissolved TDS @ 180 C, DIS	238	Energy Lab	C07050518-004A	5/10/2007 A2540 C	
BRS Inc.	SW-4	5/9/2007 Sulfa		52	Energy Lab	C07050518-004A	5/10/2007 A4500-SO4 E	
BRS Inc.	SW-4		Batance (0.80 - 1.20), DIS	1.15	Energy Lab	C07050518-004A	5/10/2007 Calculation	· · · · · · · · · · · · · · · · · · ·
BRS Inc.	SW-4	5/9/2007 Iron,		2.46	Energy Lab	C07050518-004B	5/10/2007 E200.7	
BRS Inc.	SW-4	5/9/2007 Mang		0.06	Energy Lab	C07050518-004B	5/10/2007 E200.7	·······
BRS Inc.	SW-4	5/9/2007 Alum		0.6	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Arser	nic, DIS	0.004	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Banu	um, DIS	-0,1	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Boror	n, DIS	-0.1	Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	SW-4	5/9/2007 Cadn	nium, DIS	-0.005	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Calci	ium, DIS	22	Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	SW-4	5/9/2007 Chro	mium, DIS	-0.05	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Copp			Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Iron,	DIS		Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	SW-4	5/9/2007 Lead	I, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Magr	nesium, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	SW-4	5/9/2007 Mano	ganese, DIS	0.01	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Merc	aury, DIS	-0.001	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Moly		-0.1	Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Nicke	el, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Potas	ssium, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	ISW-4	5/9/2007 Seler			Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	ISW-4	5/9/2007 Silica			Energy Lab	C07050518-004C	5/10/2007 E200.7	
8RS Inc.	SW-4	5/9/2007 Sodiu	um, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.7	
BRS Inc.	ISW-4	5/9/2007 Urani			Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Vana	adium, DIS		Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Zinc,	DIS		Energy Lab	C07050518-004C	5/10/2007 E200.8	
BRS Inc.	SW-4	5/9/2007 Nitro	gen, Ammonia as N, DIS		Energy Lab	C07050518-004D	5/10/2007 A4500-NH3 G	
BRS Inc.	SW-4		gen, Nitrate+Nitrite as N, DIS		Energy Lab	C07050518-004D	5/10/2007 E353.2	
BRS Inc.	SW-4	5/9/2007 Gross			Energy Lab	C07050518-004E	5/10/2007 (E900.0	·
BRS Inc.	SW-4	5/9/2007 Gross			Energy Lab	C07050518-004E	5/10/2007 E900.0	
BRS Inc.	SW-4	5/9/2007 Radii			Energy Lab	C07050518-004E	5/10/2007 E903.0	
BRS Inc.	SW-4	5/9/2007 Radii	um 228, DIS		Energy Lab	C07050518-004E	5/10/2007 RA-05	
BRS Inc.	SW-5		Balance (± 5), DIS		Energy Lab	C07050518-005A	5/10/2007 Calculation	
BRS Inc.	SW-5	5/9/2007 Anior			Energy Lab	C07050518-005A	5/10/2007 Calculation	
BRS Inc.	SW-5		rbonate as HCO3, DIS		Energy Lab	C07050518-005A	5/10/2007 A2320 B	
BRS Inc.	SW-5		onate as CO3, DIS		Energy Lab	C07050518-005A	5/10/2007 A2320 B	
BRS Inc.	SW-5	5/9/2007 Catio			Energy Lab	C07050518-005A	5/10/2007 Calculation	<u> </u>
BRS Inc.	SW-5	5/9/2007 Chlor			Energy Lab	C07050518-005A	5/10/2007 A4500-CI B	
BRS Inc.	SW-5	5/9/2007 Cond			Energy Lab	C07050518-005A	5/10/2007 A2510 B	
BRS Inc.	SW-5	5/9/2007 Fluor		-0.1	Energy Lab	C07050518-005A	5/10/2007 A4500-F C	
BRS Inc.	SW-5	5/9/2007 pH, E		6.48	Energy Lab	C07050518-005A	5/10/2007 A4500-H B	
BRS Inc.	SW-5		Is, Total Dissolved Calculated, DIS		Energy Lab	C07050518-005A	5/10/2007 Calculation	
BRS Inc.	SW-5		is, Total Dissolved TDS @ 160 C, DIS		Energy Lab	C07050518-005A	5/10/2007 A2540 C	
BRS Inc.	SW-5	5/9/2007 Sulfa	ate, DIS	3	Energy Lab	C07050518-005A	5/10/2007 A4500-SO4 E	
BRS Inc.	SW-5	5/9/2007 TDS	Balance (0.80 - 1.20), DIS		Energy Lab	C07050518-005A	5/10/2007 Calculation	
BRS Inc.	SW-5	5/9/2007 Iron.	TOT		Energy Lab	C07050518-005B	5/10/2007 [200.7	
BRS Inc.	SW-5	5/9/2007 Mang			Energy Lab	C07050518-005B	5/10/2007 E200.7	
BRS Inc.	SW-5	5/9/2007 Alum			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	SW-5	5/9/2007 Arser			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	SW-5	5/9/2007 Banu			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	ISW-5	5/9/2007 Boror			Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	SW-5	5/9/2007 Cadn			Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	ISW-5	5/9/2007 Calci		-0.003	Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	SW-5	5/9/2007 Chro			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	SW-5	5/9/2007 Copp	per DIS	-0.05	Energy Lab	C07050518-005C	5/10/2007 E200.8	
				-0.01		1001000010-0000	Gr10/2007 1E200.0	



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BRS Inc.	ISW-5	5/9/2007 1	ron, DIS	0.06	Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	SW-5	5/9/2007 L			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	SW-5		Magnesium, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	ISW-5		Manganese, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.8	<u> </u>
BRS Inc.	SW-5		Aercury, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.8	<u>}</u>
BRS Inc.	SW-5		Aolybdenum, DIS	-0.1	Energy Lab	C07050518-005C	5/10/2007 E200.8	┼╌╼╌╌
BRS Inc.	SW-5	5/9/2007 N			Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	ISW-5		Potassium, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.7	
BRS Inc.	ISW-5		Selenium, DIS	-0.001	Energy Lab	C07050518-005C	5/10/2007 E200.8	<u> </u>
BRS Inc.	15W-5	5/9/2007 S		0.001	Energy Lab	C07050518-005C	5/10/2007 E200.7	<u> </u>
BRS Inc.	ISW-5		Sodium, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.7	<u> </u>
BRS Inc.	ISW-5		Jranium, DIS	-0.0003	Energy Lab	C07050518-005C	5/10/2007 E200.8	┼─────
BRS Inc.	SW-5		/anadium, DIS		Energy Lab	C07050518-005C	5/10/2007 E200.8	
BRS Inc.	ISW-5	5/9/2007 Z			Energy Lab	C07050518-005C	5/10/2007 E200.8	{
BRS Inc.	SW-5		Nitrogen, Ammonia as N, DIS		Energy Lab	C07050518-005D	5/10/2007 A4500-NH3 G	<u> </u>
BRS Inc.	SW-5		Nitrogen, Nitrate+Nitrite as N, DIS	0.0/	Energy Lab	C07050518-005D	5/10/2007 E353.2	
BRS Inc.	SW-5		Gross Alpha, DIS		Energy Lab	C07050518-005E	5/10/2007 [E900.0	
								<u> </u>
BRS Inc.	SW-5		Gross Beta, DIS	2.1	Energy Lab	C07050518-005E	5/10/2007 E900.0	
BRS Inc.	SW-5		Radium 226, DIS	-0.2	Energy Lab	C07050518-005E	5/10/2007 E903.0	<u> </u>
BRS Inc.	SW-5		Radium 228, DIS		Energy Lab	C07050518-005E	5/10/2007 RA-05	<u> </u>
BRS Inc.	SW-6		VC Balance (± 5), DIS	4.03	Energy Lab	C07050723-001A	5/15/2007 Calculation	<u> </u>
BRS Inc.	SW-6	5/14/2007 A			Energy Lab	C07050723-001A	5/15/2007 Calculation	<u> </u>
BRS Inc.	SW-6		Bicarbonate as HCO3, DIS		Energy Lab	C07050723-001A	5/15/2007 A2320 B	
BRS Inc.	SW-6		Carbonate as CO3, DIS		Energy Lab	C07050723-001A	5/15/2007 A2320 B	
BRS Inc.	SW-6	5/14/2007			Energy Lab	C07050723-001A	5/15/2007 Calculation	
BRS Inc.	SW-6	<u>5/14/2007</u>	Chloride, DIS	1	Energy Lab	C07050723-001A	5/15/2007 A4500-CI B	l
BRS Inc.	SW-6		Conductivity, DIS		Energy Lab	C07050723-001A	5/15/2007 A2510 B	
BRS Inc.	SW-6		Fluoride, DIS		Energy Lab	C07050723-001A	5/15/2007 A4500-F C	
BRS Inc.	SW-6	5/14/2007 p		7.63	Energy Lab	C07050723-001A	5/15/2007 A4500-H B	
BRS Inc.	SW-6		Solids, Total Dissolved Calculated, DIS		Energy Lab	C07050723-001A	5/15/2007 Calculation	
BR\$ Inc.	SW-6		Solids, Total Dissolved TDS @ 180 C, DIS		Energy Lab	C07050723-001A	5/15/2007 A2540 C	
BRS Inc.	SW-6	5/14/2007 5		19	Energy Lab	C07050723-001A	5/15/2007 A4500-SO4 E	
BRS Inc.	SW-6	5/14/2007 T	TDS Balance (0.80 - 1.20), DIS	3.1	Energy Lab	C07050723-001A	5/15/2007 Calculation	
BRS Inc.	SW-6	5/14/2007 1	ron, TOT	7.05	Energy Lab	C07050723-001B	5/15/2007 E200.7	
BRS Inc.	SW-6	5/14/2007 M	Manganese, TOT	0.59	Energy Lab	C07050723-001B	5/15/2007 E200.7	
BRS Inc.	SW-6	5/14/2007 A	Numinum, DIS	0.7	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 /	Arsenic, DIS	0.005	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 E	Barium, DIS	-0.1	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	ISW-6	5/14/2007 E	Baron, DIS	-0.1	Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6	5/14/2007 0	Cadmium, DIS	-0.005	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 0	Calcium, DIS		Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6	5/14/2007 0	Chromium, DIS	-0.05	Energy Lab	C07050723-001C	5/15/2007 E200.8	· ·
BRS Inc.	SW-6	5/14/2007 0	Copper, DIS	-0.01	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 1		0.83	Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	ISW-6	5/14/2007 1		-0.001	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007	Magnesium, DIS	-1	Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6		Manganese, DIS	-0.01	Energy Lab	C07050723-001C	5/15/2007 E200.8	1
BRS Inc.	SW-6		Mercury, DIS	-0.001	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6		Molybdenum, DIS	-0.1	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 N		-0.05	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6		Potassium, DIS		Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6		Selenium, DIS		Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 5			Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6	5/14/2007 5			Energy Lab	C07050723-001C	5/15/2007 E200.7	
BRS Inc.	SW-6		Uranium, DIS		Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6		Vanadium, DIS	-0.1	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	SW-6	5/14/2007 2		-0.01	Energy Lab	C07050723-001C	5/15/2007 E200.8	
BRS Inc.	ISW-6		Nitrogen, Ammonia as N, DIS		Energy Lab	C07050723-001D	5/15/2007 A4500-NH3 G	
BRS Inc.	SW-6		Nitrogen, Nitrate+Nitrite as N, DIS	0.9	Energy Lab	C07050723-001D	5/15/2007 E353.2	
BRS Inc.	SW-6		Gross Alpha, DIS	3.6	Energy Lab	C07050723-001E	5/15/2007 E900.0	
BRS Inc.	SW-6		Gross Beta, DIS	4.2	Energy Lab	C07050723-001E	5/15/2007 E900.0	1
BRS Inc.	Sw-6		Radium 226. DIS		Energy Lab	C07050723-001E	5/15/2007 E903.0	
BRS Inc.	SW-6		Radium 228, DIS		Energy Lab	C07050723-001E	5/15/2007 RA-05	1
BRS Inc.	SW-7		VC Balance (± 5), DIS		Energy Lab	C07050723-002A	5/15/2007 Calculation	
BRS Inc.	SW-7	5/14/2007 4			Energy Lab	C07050723-002A	5/15/2007 Calculation	1
BRS Inc.	SW-7		Bicarbonate as HCO3, DIS	11	Energy Lab	C07050723-002A	5/15/2007 A2320 B	1
	19.1-1			·	1			

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BRS Inc.	ISW-7	5/14/2007	Carbonate as CO3. DIS	.1	Energy Lab	C07050723-002A	5/15/2007 A2320 B	
BRS Inc.	SW-7	5/14/2007	Cations, DIS		Energy Lab	C07050723-002A	5/15/2007 Calculation	
BRS Inc.	SW-7	5/14/2007	Chloride, DIS		Energy Lab	C07050723-002A	5/15/2007 A4500-CI B	
BRS Inc.	SW-7	5/14/2007	Conductivity, DIS	22.6	Energy Lab	C07050723-002A	5/15/2007 A2510 B	
BRS Inc.	SW-7		Fluoride, DIS	-0.1	Energy Lab	C07050723-002A	5/15/2007 A4500-F C	
BRS Inc.	SW-7	5/14/2007	pH. DIS	6.65	Energy Lab	C07050723-002A	5/15/2007 A4500-H B	
BRS Inc.	SW-7	5/14/2007	Solids, Total Dissolved Calculated, DIS	17	Energy Lab	C07050723-002A	5/15/2007 Calculation	
BRS Inc.	SW-7	5/14/2007	Solids, Total Dissolved TDS @ 180 C, DIS	32	Energy Lab	C07050723-002A	5/15/2007 A2540 C	
BRS Inc.	SW-7	5/14/2007	Sulfate, DIS	6	Energy Lab	C07050723-002A	5/15/2007 A4500-SO4 E	
BRS Inc.	SW-7	5/14/2007	TDS Balance (0.80 - 1.20), DIS	1.88	Energy Lab	C07050723-002A	5/15/2007 Calculation	
BRS Inc.	SW-7	5/14/2007	Iron, TOT	1.1	Energy Lab	C07050723-002B	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Manganese, TOT	0.07	Energy Lab	C07050723-002B	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Aluminum, DIS	-0.1	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Arsenic, DIS	0.001	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Barium, DIS	-0.1	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Boron, DIS	-0.1	Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Cadmium, DIS	-0.005	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Calcium, DIS	2	Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Chromium, DIS	-0.05	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Copper, DIS	-0.01	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Iron, DIS	-0.03	Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Lead, DIS	-0.001	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Magnesium, DIS	-1	Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Manganese, DIS	-0.01	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Mercury, DIS	-0.001	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Molybdenum, DIS	-0.1	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Nickel, DIS	-0.05	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Potassium, DIS	2	Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7	5/14/2007	Selenium, DIS	0.001	Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007			Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7		Sodium, DIS		Energy Lab	C07050723-002C	5/15/2007 E200.7	
BRS Inc.	SW-7		Uranium, DIS		Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7		Vanadium, DIS		Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007			Energy Lab	C07050723-002C	5/15/2007 E200.8	
BRS Inc.	SW-7	5/14/2007	Nitrogen, Ammonia as N, DIS		Energy Lab	C07050723-002D	5/15/2007 A4500-NH3 G	
BRS Inc.	SW-7		Nitrogen, Nitrate+Nitrite as N, DIS		Energy Lab	C07050723-002D	5/15/2007 E353.2	
BRS Inc.	SW-7		Gross Alpha, DIS		Energy Lab	C07050723-002E	5/15/2007 E900.0	
BRS Inc.	SW-7	5/14/2007	Gross Beta, DIS	2.3	Energy Lab	C07050723-002E	5/15/2007 E900.0	
BRS Inc.	SW-7	5/14/2007	Radium 226, DIS		Energy Lab	C07050723-002E	5/15/2007 E903.0	
BRS Inc.	SW-7	5/14/2007	Radium 228, DIS	-1	Energy Lab	C07050723-002E	5/15/2007 RA-05	

ANTELOPE GROUND WATER QUALITY LAB RESULTS

Antelope Ground Water Quality Lab Results

	I Water Qua								
Client Name	Station Name	Sample Dates	a st Parameter Name	CParameter Value 29	ELab Namel	Lab Sample ID	Analysis Date	Analytical Methods	Comments
Uranium One Inc.	M-1		A/C Balance (± 5), DIS	2.17	Energy Lab	C08040246-001A	4/4/2008	Calculation	
Uranium One Inc.	M-1	4/3/2008	Anions, DIS	2.86	Energy Lab	C08040246-001A	4/4/2008	Calculation	
Uranium One Inc.	M-1	4/3/2008	Bicarbonate as HCO3, DIS	127	Energy Lab	C08040246-001A	4/4/2008		
Uranium One Inc.	M-1	4/3/2008	Carbonate as CO3, DIS			C08040246-001A	4/4/2008		·····
Uranium One Inc.	M-1	4/3/2008	Cations, DIS			C08040246-001A		Calculation	<u> </u>
Uranium One Inc.	M-1		Chloride, DIS		Energy Lab	C08040246-001A		A4500-CI B	
Uranium One Inc.	M-1		Conductivity, DIS			C08040246-001A	4/4/2008		
Uranium One Inc.	M-1		Fluoride, DIS		Energy Lab	C08040246-001A		A4500-F C	{
Uranium One Inc.	M-1	4/3/2008				C08040246-001A		A4500-H B	
Uranium One Inc.	M-I		Solids, Total Dissolved Calculated, DIS			C08040246-001A			
Uranium One Inc.	M-1		Solids, Total Dissolved TDS @ 180 C, DIS			C08040246-001A		Calculation	<u> </u>
Uranium One Inc.	M-1		Sulfate, DIS					A2540 C	<u> </u>
Uranium One Inc.					Energy Lab	C08040246-001A		A4500-SO4 E	· · · · · · · · · · · · · · · · · · ·
	M-1		TDS Balance (0.80 - 1.20), DIS		Energy Lab	C08040246-001A		Calculation	
Uranium One Inc.	M-1		Nitrogen, Ammonia as N, DIS			C08040246-001B		A4500-NH3 G	
Uranium One Inc.	M-1		Nitrogen, Nitrate+Nitrite as N, DIS		Energy Lab	C08040246-001B	4/4/2008		
Uranium One Inc.	M-1		Iron, TOT		Energy Lab	C08040246-001C	4/4/2008		
Uranium One Inc.	M-1		Manganese, TOT		Energy Lab	C08040246-001C	4/4/2008		
Uranium One Inc.	M-1		Aluminum, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Arsenic, DIS	0.011	Energy Lab	C08040246-001D	4/4/2008	E200.8	
Uranium One Inc.	M-1	4/3/2008	Barium, DIS	-0.1		C08040246-001D	4/4/2008	E200.7	
Uranium One Inc.	M-1	4/3/2008	Boron, DIS	-0.1	Energy Lab	C08040246-001D	4/4/2008	E200.7	
Uranium One Inc.	M-1	4/3/2008	Cadmium, DIS	-0.005	Energy Lab	C08040246-001D	4/4/2008	E200.8	
Uranium One Inc.	M-1	4/3/2008	Calcium, DIS			C08040246-001D	4/4/2008		
Uranium One Inc.	M-1	4/3/2008	Chromium, DIS			C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Copper, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1	4/3/2008				C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Lead, DIS		Energy Lab	C08040246-001D	4/4/2008		f=
Uranium One Inc.	M-1		Magnesium, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Manganese, DIS		Energy Lab	C08040246-001D	4/4/2008		+
Uranium One Inc.	M-1		Mercury, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Molybdenum, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Nickel, DIS		Energy Lab	C08040246-001D	4/4/2008		<u></u>
Uranium One Inc.	M-1		Potassium, DIS		Energy Lab				
						C08040246-001D	4/4/2008		
Uranium One Inc. Uranium One Inc.	M-1		Selenium, DIS	-0.001	Energy Lab	C08040246-001D	4/4/2008		 -
	M-1		Silica, DIS	1.7	Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Sodium, DIS		Energy Lab	C08040246-001D	4/4/2008		L
Uranium One Inc.	M-1		Uranium, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Vanadium, DIS		Energy Lab	C08040246-001D	4/4/2008		
Uranium One Inc.	M-1		Zinc, DIS		Energy Lab	C08040246-001D	4/4/2008		· · · · · · · · · · · · · · · · · · ·
Uranium One Inc.	M-1		Gross Alpha, DIS		Energy Lab	C08040246-001E	4/4/2008		
Uranium One Inc.	M-1		Gross Alpha MDC, DIS		Energy Lab	C08040246-001E	4/4/2008		
Uranium One Inc.	M-1		Gross Beta, DIS			C08040246-001E	4/4/2008		
Uranium One Inc.	M-1		Gross Beta MDC, DIS		Energy Lab	C08040246-001E	4/4/2008		
Uranium One Inc.	M-1		Lead 210, DIS		Energy Lab	C08040246-001E	4/4/2008		
Uranium One Inc.	M-1	4/3/2008	Polonium 210, DIS	1	Energy Lab	C08040246-001E		RMO-3008	
Uranium One Inc.	M-1	4/3/2008	Radium 226, DIS	1.7	Energy Lab	C08040246-001E	4/4/2008	E903.0	
Uranium One Inc.	M-1	4/3/2008	Radium 226 MDC, DIS	0.22	Energy Lab	C08040246-001E	4/4/2008	E903.0	
Uranium One Inc.	M-1	4/3/2008	Radium 228, DIS		Energy Lab	C08040246-001E	4/4/2008	RA-05	1
Uranium One Inc.	M-1		Radium 228 MDC, DIS			C08040246-001E	4/4/2008		
Uranium One Inc.	M-1		Thorium 230, DIS		Energy Lab	C08040246-001E	4/4/2008		· · · · · · · · · · · · · · · · · · ·
Uranium One Inc.	M-1		Lead 210, SUS	21.6	Energy Lab	C08040246-001F		E909.0M	<u> </u>
Uranium One Inc.	M-1		Polonium 210, SUS			C08040246-001F		RMO-3008	<u> </u>
Uranium One Inc.	M-1		Radium 226, SUS			C08040246-001F	4/4/2008		<u> </u>
orament one the	1		110410111 220, 000	0.9	LUCIEY LAU	1000040240-001F	-1/-1/2000	2000.0	┺━━━╼╴╸╴┯╼━━╸┈╸╴╴╼╼━

Uranium One Inc.	M-1		Radium 226 MDC, SUS			C08040246-001F	4/4/2008		
Uranium One Inc.	M-1		Thorium 230, SUS		Energy Lab	C08040246-001F	4/4/2008	E907.0	
Uranium One Inc.	M-1	4/3/2008	Uranium, SUS	0.0021	Energy Lab	C08040246-001F	4/4/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007	A/C Balance (± 5), DIS	-1,47	Energy Lab	C08010016-002A	1/3/2008	Calculation	
Uranium One Inc.	M-1	12/31/2007	Anions, DIS		Energy Lab	C08010016-002A	1/3/2008	Calculation	
Uranium One Inc.	M-1	12/31/2007	Bicarbonate as HCO3, DIS	123	Energy Lab	C08010016-002A	1/3/2008	A2320 B	
Uranium One Inc.	M-1	12/31/2007	Carbonate as CO3, DIS	0.5	Energy Lab	C08010016-002A	1/3/2008	A2320 B	
Uranium One Inc.	M-1	12/31/2007	Cations, DIS	3.63		C08010016-002A	1/3/2008	Calculation	
Uranium One Inc.	M-1	12/31/2007	Chloride, DIS	3	Energy Lab	C08010016-002A	1/3/2008	A4500-CI B	
Uranium One Inc.	M-1	12/31/2007	Conductivity, DIS			C08010016-002A	1/3/2008	A2510 B	
Uranium One Inc.	M-1	12/31/2007	Fluoride, DIS	0.3	Energy Lab	C08010016-002A	1/3/2008	A4500-F C	
Uranium One Inc.	M-1	12/31/2007	pH, DIS	7.72	Energy Lab	C08010016-002A	1/3/2008	A4500-H B	
Uranium One Inc.	M-1	12/31/2007	Solids, Total Dissolved Calculated, DIS		Energy Lab	C08010016-002A	1/3/2008	Calculation	
Uranium One Inc.	M-1	12/31/2007	Solids, Total Dissolved TDS @ 180 C, DIS	231	Energy Lab	C08010016-002A	1/3/2008	A2540 C	
Uranium One Inc.	M-1		Sulfate, DIS			C08010016-002A		A4500-SQ4 E	
Uranium One Inc.	M-1	12/31/2007	TDS Balance (0.80 - 1.20), DIS		Energy Lab	C08010016-002A		Calculation	
Uranium One Inc.	M-1		Nitrogen, Ammonia as N, DIS		Energy Lab	C08010016-002B		A4500-NH3 G	
Uranium One Inc.	M-1		Nitrogen, Nitrate+Nitrite as N, DIS		Energy Lab	C08010016-002B	1/3/2008		
Uranium One Inc.	M-1	12/31/2007			Energy Lab	C08010016-002C	1/3/2008		<u> </u>
Uranium One Inc.	M-1		Manganese, TOT		Energy Lab	C08010016-002C	1/3/2008		
Uranium One Inc.	M-1		Aluminum, DIS			C08010016-002D	1/3/2008		<u> </u>
Uranium One Inc.	M-1	12/31/2007	Arsenic, DIS			C08010016-002D	1/3/2008		
Uranium One Inc.	M-1		Barium, DIS		Energy Lab	C08010016-002D	1/3/2008		[
Uranium One Inc.	M-1	12/31/2007			Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1		Cadmium, DIS		Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1		Calcium, DIS		Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007	Chromium, DIS		Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007	Copper, DIS	<0.01	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007	Iron, DIS	0.21	Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007	Lead, DIS	0.0005	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007	Magnesium, DIS		Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007	Manganese, DIS	0.03	Energy Lab	C08010016-002D	1/3/2008	E200.8	1
Uranium One Inc.	M-1	12/31/2007	Mercury, DIS	<.001	Energy Lab	C08010016-002D	1/3/2008		,
Uranium One Inc.	M-1	12/31/2007	Molybdenum, DIS	<0.1	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007		<0.05	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007	Potassium, DIS	3	Energy Lab	C08010016-002D	1/3/2008	E200.7	
Uranium One Inc.	M-1	12/31/2007	Selenium, DIS	0.0005	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1	12/31/2007			Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007	Sodium, DIS	15	Energy Lab	C08010016-002D	1/3/2008	E200.7	
Uranium One Inc.	M-1	12/31/2007	Uranium, DIS	0.525	Energy Lab	C08010016-002D	1/3/2008	E200.8	
Uranium One Inc.	M-1		Vanadium, DIS		Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1	12/31/2007			Energy Lab	C08010016-002D	1/3/2008		
Uranium One Inc.	M-1		Gross Alpha, DIS		Energy Lab	C08010016-002E	1/3/2008		
Uranium One Inc.	M-1		Gross Beta, DIS	108	Energy Lab	C08010016-002E	1/3/2008		
Uranium One Inc.	M-1		Radium 226, DIS		Energy Lab	C08010016-002E	1/3/2008		
Uranium One Inc.	M-1		Radium 228, DIS		Energy Lab	C08010016-002E	1/3/2008		
Uranium One Inc.	M-2		A/C Balance (± 5), DIS	-2.42	Energy Lab	C08010016-003A		Calculation	
Uranium One Inc.	M-2		Anions, DIS		Energy Lab	C08010016-003A		Calculation	
Uranium One Inc.	M-2		Bicarbonate as HCO3, DIS	196	Energy Lab	C08010016-003A		A2320 B	
Uranium One Inc.	M-2		Carbonate as CO3, DIS		Energy Lab	C08010016-003A		A2320 B	
Uranium One Inc.	M-2		Cations, DIS		Energy Lab	C08010016-003A		Calculation	
Uranium One Inc.	M-2		Chloride, DIS		Energy Lab	C08010016-003A		A4500-CI B	
Uranium One Inc.	M-2		Conductivity, DIS		Energy Lab	C08010016-003A		A2510 B	
Uranium One Inc.	M-2		Fluoride, DIS		Energy Lab	C08010016-003A		A4500-F C	
Uranium One Inc.	M-2	12/31/2007	pH, DIS	7.67	Energy Lab	C08010016-003A	1/3/2008	A4500-H B	

Uranium One Inc.	M-2	12/31/2007 Solids, Total Dissolved Calculated, DIS	557 Fr	nergy Lab	C08010016-003A	1/3/2008	Calculation	·····
Uranium One Inc.	M-2	12/31/2007 Solids, Total Dissolved TDS @ 180 C, DIS		nergy Lab	C08010016-003A		A2540 C	
Uranium One Inc.	M-2	12/31/2007 Sulfate, DIS		nergy Lab	C08010016-003A		A4500-SO4 E	
Uranium One Inc.	M-2	12/31/2007 TDS Balance (0.80 - 1.20), DIS		nergy Lab	C08010016-003A		Calculation	<u></u>
Uranium One Inc.	M-2	12/31/2007 Nitrogen, Ammonia as N, DIS		nergy Lab	C08010016-003B		A4500-NH3 G	
Uranium One Inc.	M-2	12/31/2007 Nitrogen, Nitrate+Nitrite as N, DIS		nergy Lab	C08010016-003B	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 (Iron, TOT		nergy Lab	C08010016-003C	1/3/2008		{
Uranium One Inc.	M-2	12/31/2007 Manganese, TOT	0.07 E	nergy Lab	C08010016-003C	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Aluminum, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Arsenic, DIS		nergy Lab	C08010016-003D	1/3/2008		{
Uranium One Inc.	M-2	12/31/2007 Barium, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Boron, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Cadmium, DIS	0.0025 Er		C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Calcium, DIS		nergy Lab	C08010016-003D	1/3/2008		·····
Uranium One Inc.	M-2	12/31/2007 Chromium, DIS		nergy Lab	C08010016-003D			
Uranium One Inc.	M-2	12/31/2007 Copper, DIS		nergy Lab		1/3/2008		<u> </u>
Uranium One Inc.	M-2	12/31/2007 lron, DIS		nergy Lab	C08010016-003D C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Lead. DIS				1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Magnesium, DIS	0.0005 Er		C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Maganese, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2 M-2			nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Mercury, DIS 12/31/2007 Molybdenum, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2			nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2 M-2	12/31/2007 Nickel, DIS 12/31/2007 Potassium, DIS		nergy Lab	C08010016-003D	1/3/2008		
				nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Selenium, DIS	0.0005 Er		C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Silica, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Sodium, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Uranium, DIS	0.0987 Er		C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Vanadium, DIS	<0.1 Er	nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Zinc, DIS		nergy Lab	C08010016-003D	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Gross Alpha, DIS		nergy Lab	C08010016-003E	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Gross Beta, DIS		nergy Lab	C08010016-003E	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Radium 226, DIS		nergy Lab	C08010016-003E	1/3/2008		
Uranium One Inc.	M-2	12/31/2007 Radium 228, DIS		nergy Lab	C08010016-003E	1/3/2008		
Uranium One Inc.	MU-2	4/4/2008 A/C Balance (± 5), DIS		nergy Lab	C08040256-002A		Calculation	
Uranium One Inc.	MU-2	4/4/2008 Anions, DIS		nergy Lab	C08040256-002A		Calculation	
Uranium One Inc.	MU-2	4/4/2008 Bicarbonate as HCO3, DIS		nergy Lab	C08040256-002A		A2320 B	
Uranium One Inc.	MU-2	4/4/2008 Carbonate as CO3, DIS		nergy Lab	C08040256-002A		A2320 B	
Uranium One Inc.	MU-2	4/4/2008 Cations, DIS		nergy Lab	C08040256-002A		Calculation	
Uranium One Inc.	MU-2	4/4/2008 Chloride, DIS		nergy Lab	C08040256-002A		A4500-CI B	
Uranium One Inc.	MU-2	4/4/2008 Conductivity, DIS		nergy Lab	C08040256-002A		A2510 B	
Uranium One Inc.	MU-2	4/4/2008 Fluoride, DIS		nergy Lab	C08040256-002A		A4500-F C	
Uranium One Inc.	MU-2	4/4/2008 pH, DIS		nergy Lab	C08040256-002A		A4500-H B	
Uranium One Inc.	MU-2	4/4/2008 Solids, Total Dissolved Calculated, DIS		nergy Lab	C08040256-002A		Calculation	
Uranium One Inc.	MU-2	4/4/2008 Solids, Total Dissolved TDS @ 180 C, DIS		nergy Lab	C08040256-002A		A2540 C	
Uranium One Inc.	MU-2	4/4/2008 Sulfate, DIS		nergy Lab	C08040256-002A		A4500-SO4 E	
Uranium One Inc.	MU-2	4/4/2008 TDS Balance (0.80 - 1.20), DIS		nergy Lab	C08040256-002A		Calculation	
Uranium One Inc.	MU-2	4/4/2008 Nitrogen, Ammonia as N, DIS		nergy Lab	C08040256-002B		A4500-NH3 G	
Uranium One Inc.	MU-2	4/4/2008 Nitrogen, Nitrate+Nitrite as N, DIS		nergy Lab	C08040256-002B	4/4/2008		
Uranium One Inc.	MU-2	4/4/2008 Iron, TOT	-0.03 Er	nergy Lab	C08040256-002C	4/4/2008	E200.7	
Uranium One Inc.	MU-2	4/4/2008 Manganese, TOT	-0.01 Er	nergy Lab	C08040256-002C	4/4/2008	E200.7	
Uranium One Inc.	MU-2	4/4/2008 Aluminum, DIS	-0.1 Er	nergy Lab	C08040256-002D	4/4/2008	E200.7	
Uranium One Inc.	MU-2	4/4/2008 Arsenic, DIS	0.002 Er	nergy Lab	C08040256-002D	4/4/2008	E200.8	
Uranium One Inc.	MU-2	4/4/2008 Barium, DIS	-0.1 Er	nergy Lab	C08040256-002D	4/4/2008	E200.7	
Uranium One Inc.	MU-2	4/4/2008 Boron, DIS	-0.1 Er	nergy Lab	C08040256-002D	4/4/2008	E200.7	
		······································	·		•			

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the second se	MU-2		Cadmium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.8	
	MU-2		Calcium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
Uranium One Inc.	MU-2		Chromium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
	MU-2		Copper, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
	MU-2		Iron, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
	MU-2		Lead, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.8	
Uranium One Inc.	MU-2	4/4/2008	Magnesium, DIS	2	Energy Lab	C08040256-002D	4/4/2008 E200.7	
Uranium One Inc.	MU-2	4/4/2008	Manganese, DIS	-0.01	Energy Lab	C08040256-002D	4/4/2008 E200.7	
Uranium One Inc.	MU-2	4/4/2008	Mercury, DIS	-0.001	Energy Lab	C08040256-002D	4/4/2008 E200.8	
Uranium One Inc.	MU-2	4/4/2008	Molybdenum, DIS	-0.1	Energy Lab	C08040256-002D	4/4/2008 E200.7	
	MU-2		Nickel, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.8	
Uranium One Inc.	MU-2		Potassium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
	MU-2		Selenium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.8	
Uranium One Inc.	MU-2		Silica, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	
Uranium One Inc.	MU-2		Sodium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.7	<u></u>
Uranium One Inc.	MU-2		Uranium, DIS		Energy Lab	C08040256-002D	4/4/2008 E200.8	<u></u>
Uranium One Inc.	MU-2		Vanadium, DIS	0.0014	Energy Lab	C08040256-002D	4/4/2008 E200.7	+
	MU-2		Zinc, DIS		Energy Lab	C08040256-002D	4/4/2008 2200.7	
Uranium One Inc.						C08040256-002E		<u> </u>
Uranium One Inc.	MU-2		Gross Alpha, DIS	28.8	Energy Lab		4/4/2008 E900.0	·
Uranium One Inc.	MU-2		Gross Alpha MDC, DIS	1,4	Energy Lab	C08040256-002E	4/4/2008 E900.0	
Uranium One Inc.	MU-2		Gross Beta, DIS		Energy Lab	C08040256-002E	4/4/2008 E900.0	
Uranium One Inc.	MU-2		Gross Beta MDC, DIS		Energy Lab	C08040256-002E	4/4/2008 E900.0	<u></u>
Uranium One Inc.	MU-2		Lead 210, DIS		Energy Lab	C08040256-002E	4/4/2008 E909.0M	Value is a negative value, not a limit
Uranium One Inc.	MU-2		Polonium 210, DIS		Energy Lab	C08040256-002E	4/4/2008 RMO-3008	
Uranium One Inc.	MU-2		Radium 226, DIS		Energy Lab	C08040256-002E	4/4/2008 E903.0	
Uranium One Inc.	MU-2	4/4/2008	Radium 226 MDC, DIS	0.17	Energy Lab	C08040256-002E	4/4/2008 E903.0	
Uranium One Inc.	MU-2	4/4/2008	Radium 228, DIS	5.8	Energy Lab	C08040256-002E	4/4/2008 RA-05	
Uranium One Inc.	MU-2	4/4/2008	Radium 228 MDC, DIS	1,3	Energy Lab	C08040256-002E	4/4/2008 RA-05	
Uranium One Inc.	MU-2	4/4/2008	Thonium 230, DIS	0,1	Energy Lab	C08040256-002E	4/4/2008 E907.0	
Uranium One Inc.	MU-2	4/4/2008	Lead 210, SUS	0	Energy Lab	C08040256-002F	4/4/2008 E909.0M	
Uranium One Inc.	MU-2		Polonium 210, SUS		Energy Lab	C08040256-002F	4/4/2008 RMO-3008	· · · · · · · · · · · · · · · · · · ·
Uranium One Inc.	MU-2		Radium 226, SUS		Energy Lab	C08040256-002F	4/4/2008 E903.0	
Uranium One Inc.	MU-2		Radium 226 MDC, SUS		Energy Lab	C08040256-002F	4/4/2008 E903.0	1
Uranium One Inc.	MU-2		Thonium 230, SUS		Energy Lab	C08040256-002F	4/4/2008 E907.0	1
Uranium One Inc.	MU-2		Uranium, SUS		Energy Lab	C08040256-002F	4/4/2008 E200.8	
	M-4		A/C Balance (± 5), DIS		Energy Lab	C07110982-001A	11/21/2007 Calculation	· · · · · · · · · · · · · · · · · · ·
	M-4		Anions, DIS		Energy Lab	C07110982-001A	11/21/2007 Calculation	+
	M-4		Bicarbonate as HCO3, DIS		Energy Lab	C07110982-001A	11/21/2007 A2320 B	+
	M-4		Carbonate as CO3, DIS		Energy Lab	C07110982-001A	11/21/2007 A2320 B	+
	M-4		Cations, DIS		Energy Lab	C07110982-001A	11/21/2007 Calculation	
					Energy Lab	C07110982-001A	11/21/2007 A4500-CI B	+
Energy Metals Corp.	M-4		Chloride, DIS		Energy Lab	C07110982-001A	11/21/2007 A2510 B	+
	M-4		Conductivity, DIS			C07110982-001A	11/21/2007 A4500-F C	
Energy Metals Corp.			Fluoride, DIS		Energy Lab			
	M-4	11/21/2007			Energy Lab	C07110982-001A	11/21/2007 A4500-H B	
مصلي من مسيح من الأخذ تحدثها	M-4		Solids, Total Dissolved Calculated, DIS		Energy Lab	C07110982-001A	11/21/2007 Calculation	+
	M-4		Solids, Total Dissolved TDS @ 180 C, DIS		Energy Lab	C07110982-001A	11/21/2007 A2540 C	
Energy Metals Corp.	M-4		Sulfate, DIS		Energy Lab	C07110982-001A	11/21/2007 A4500-SO4 E	
	M-4		TDS Balance (0.80 - 1.20), DIS		Energy Lab	C07110982-001A	11/21/2007 Calculation	
	M-4		Nitrogen, Ammonia as N, DIS		Energy Lab	C07110982-001B	11/21/2007 A4500-NH3 G	
Energy Metals Corp.	M-4		Nitrogen, Nitrate+Nitrite as N, DIS		Energy Lab	C07110982-001B	11/21/2007 E353.2	
Energy Metals Corp.	M-4	11/21/2007			Energy Lab	C07110982-001C	11/21/2007 E200.7	
Energy Metals Corp.	M-4	11/21/2007	Manganese, TOT		Energy Lab	C07110982-001C	11/21/2007 E200.7	<u> </u>
Energy Metals Corp.	M-4		Aluminum, DIS		Energy Lab	C07110982-001D	11/21/2007 E200.8	
Energy Metals Corp.			Arsenic, DIS	-0.001	Energy Lab	C07110982-001D	11/21/2007 E200.8	
Energy Metals Corp.			Barium, DIS	-0.1	Energy Lab	C07110982-001D	11/21/2007 E200.8	
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Energy Metals Corp.		11/21/2007 Boron, DIS	-0.1 Energy Lab C07110982-001D 11/21/2007 E200.7
Energy Metals Corp.		11/21/2007 Cadmium, DIS	-0.005 Energy Lab C07110982-001D 11/21/2007 E200.8
Energy Metals Corp.	M-4	11/21/2007 Calcium, DIS	101 Energy Lab C07110982-001D 11/21/2007 E200.7
Energy Metals Corp.	M-4	11/21/2007 Chromium, DIS	-0.05 Energy Lab C07110982-001D 11/21/2007 E200.8
Energy Metals Corp.	M-4	11/21/2007 Copper, DIS	-0.01 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Iron, DIS	-0.03 Energy Lab C07110982-001D 11/21/2007 E200.7
	M-4	11/21/2007 Lead, DIS	-0.001 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Magnesium, DIS	11 Energy Lab C07110982-001D 11/21/2007 E200.7
	M-4	11/21/2007 Manganese, DIS	0.06 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Mercury, DIS	-0.001 Energy Lab C07110982-001D 11/21/2007 E200.8
		11/21/2007 Molybdenum, DIS	-0.1 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4		
	M-4	11/21/2007 Nickel, DIS	-0.05 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Potassium, DIS	3 Energy Lab C07110982-001D 11/21/2007 E200.7
	M-4	11/21/2007 Selenium, DIS	-0.001 Energy Lab C07110982-001D 11/21/2007 E200.8
Energy Metals Corp.	M-4	11/21/2007 Silica, DIS	19.7 Energy Lab C07110982-001D 11/21/2007 E200.7
Energy Metals Corp.	M-4	11/21/2007 Sodium, DIS	24 Energy Lab C07110982-001D 11/21/2007 E200.7
Energy Metals Corp.	M-4	11/21/2007 Uranium, DIS	0.0116 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Vanadium, DIS	-0.1 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Zinc, DIS	0.06 Energy Lab C07110982-001D 11/21/2007 E200.8
	M-4	11/21/2007 Gross Alpha, DIS	71.6 Energy Lab C07110982-001E 11/21/2007 E900.0
	M-4	11/21/2007 Gross Beta, DIS	28.2 Energy Lab C07110982-001E 11/21/2007 E900.0
	M-4	11/21/2007 Lead 210, DIS	4.1 Energy Lab C07110982-001E 11/21/2007 E909.0M
	M-4	11/21/2007 Polonium 210, DIS	1.5 Energy Lab C07110982-001E 11/21/2007 RMO-3008
	M-4	11/21/2007 Radium 226, DIS	
	M-4	11/21/2007 Radium 228, DIS	
	M-4	11/21/2007 Thorium 230, DIS	-0.2 Energy Lab C07110982-001E 11/21/2007 E907.0
	M-4	11/21/2007 Lead 210, SUS	2.8 Energy Lab C07110982-001F 11/21/2007 E909.0M
	M-4	11/21/2007 Polonium 210, SUS	-1 Energy Lab C07110982-001F 11/21/2007 RMO-3008
	M-4	11/21/2007 Radium 226, SUS	1.5 Energy Lab C07110982-001F 11/21/2007 E903.0
	M-4	11/21/2007 Thonium 230, SUS	0.6 Energy Lab C07110982-001F 11/21/2007 E907.0
	M-4	11/21/2007 Uranium, SUS	-0.0003 Energy Lab C07110982-001F 11/21/2007 E200.8
Uranium One Inc.	M-4	4/2/2008 A/C Balance (± 5), DIS	0.848 Energy Lab C08040167-006A 4/3/2008 Calculation
	M-4	4/2/2008 Anions, DIS	8.08 Energy Lab C08040167-006A 4/3/2008 Calculation
Uranium One Inc.	M-4	4/2/2008 Bicarbonate as HCO3, DIS	237 Energy Lab C08040167-006A 4/3/2008 A2320 B
Uranium One Inc.	M-4	4/2/2008 Carbonate as CO3, DIS	-1 Energy Lab C08040167-006A 4/3/2008 A2320 B
Uranium One Inc.	M-4	4/2/2008 Cations, DIS	7.95 Energy Lab C08040167-006A 4/3/2008 Calculation
Uranium One Inc.	M-4	4/2/2008 Chloride, DIS	7 Energy Lab C08040167-006A 4/3/2008 A4500-CI B
	M-4	4/2/2008 Conductivity, DIS	694 Energy Lab C08040167-006A 4/3/2008 A2510 B
	M-4	4/2/2008 Fluoride, DIS	0.2 Energy Lab C08040167-006A 4/3/2008 A4500-F C
Uranium One Inc.	M-4	4/2/2008 pH, DIS	7.68 Energy Lab C08040167-006A 4/3/2008 A4500-H B
	M-4	4/2/2008 Solids, Total Dissolved Calculated, DIS	490 Energy Lab C08040167-006A 4/3/2008 Calculation
	M-4	4/2/2008 Solids, Total Dissolved TDS @ 180 C, DIS	
Uranium One Inc.	M-4	4/2/2008 Sulfate, DIS	191 Energy Lab C08040167-006A 4/3/2008 A4500-SO4 E
	M-4	4/2/2008 TDS Balance (0.80 - 1.20), DIS	0.91 Energy Lab C08040167-006A 4/3/2008 Calculation
	M-4	4/2/2008 Nitrogen, Ammonia as N, DIS	-0.05 Energy Lab C08040167-006B 4/3/2008 A4500-NH3 G
Uranium One Inc.	M-4	4/2/2008 Nitrogen, Nitrate+Nitrite as N, DIS	0.2 Energy Lab C08040167-006B 4/3/2008 E353.2
	M-4	4/2/2008 Iron, TOT	1.09 Energy Lab C08040167-006C 4/3/2008 E200.7
Uranium One Inc.	M-4	4/2/2008 Manganese, TOT	0.04 Energy Lab C08040167-006C 4/3/2008 E200.7
the second se	M-4	4/2/2008 Aluminum, DIS	-0.1 Energy Lab C08040167-006D 4/3/2008 E200.7
Uranium One Inc.			
	M-4	4/2/2008 Arsenic, DIS	
Uranium One Inc.	M-4	4/2/2008 Barium, DIS	
	M-4	4/2/2008 Boron, DIS	
Uranium One Inc.	M-4	4/2/2008 Cadmium, DIS	40.005 [Energy Lab 000040101-0000 4/0/2000] 2200.0
Uranium One Inc.	M-4	4/2/2008 Calcium, DIS	110 Energy Lab C08040167-006D 4/3/2008 E200.7
Uranium One Inc.	M-4	4/2/2008 Chromium, DIS	-0.05 Energy Lab C08040167-006D 4/3/2008 E200.7

Uranium One Inc.	M-4	4/2/2008 Copper, DIS	-0.01 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Iron, DIS	0.15 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Lead, DIS	-0.001 Energy Lab	C08040167-006D	4/3/2008 E200.8	
	M-4	4/2/2008 Magnesium, DIS	13 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Manganese, DIS	0.05 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Mercury, DIS	-0.001 Energy Lab	C08040167-006D	4/3/2008 E200.8	
	M-4	4/2/2008 Molybdenum, DIS	-0.1 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Nickel, DIS	-0.05 Energy Lab	C08040167-006D	4/3/2008 E200.8	······································
Uranium One Inc.	M-4	4/2/2008 Potassium, DIS	3 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Selenium, DIS	-0.001 Energy Lab	C08040167-006D	4/3/2008 E200.8	
Uranium One Inc.	M-4	4/2/2008 Silica, DIS	18.5 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Sodium, DIS	30 Energy Lab	C08040167-006D	4/3/2008 E200.7	
Uranium One Inc.	M-4	4/2/2008 Uranium, DIS	0.037 Energy Lab	C08040167-006D	4/3/2008 E200.8	
Uranium One Inc.	M-4	4/2/2008 Vanadium, DIS		C08040167-006D	4/3/2008 E200.7	
have a second	M-4		-0.1 Energy Lab	C08040167-006D	4/3/2008 2200.7	
Uranium One Inc.	M-4	4/2/2008 Zinc, DIS	0.11 Energy Lab			
Uranium One Inc.		4/2/2008 Gross Alpha, DIS	104 Energy Lab	C08040167-006E	4/3/2008 E900.0	
Uranium One Inc.	M-4	4/2/2008 Gross Alpha MDC, DIS	2.1 Energy Lab	C08040167-006E	4/3/2008 E900.0	
Uranium One Inc.	M-4	4/2/2008 Gross Beta, DIS	38.7 Energy Lab	C08040167-006E	4/3/2008 E900.0	
Uranium One Inc.	M-4	4/2/2008 Gross Beta MDC, DIS	2.5 Energy Lab	C08040167-006E	4/3/2008 E900.0	
Uranium One Inc.	M-4	4/2/2008 Lead 210, DIS	14 Energy Lab	C08040167-006E	4/3/2008 E909.0M	
Uranium One Inc.	M-4	4/2/2008 Polonium 210, DIS	0.2 Energy Lab	C08040167-006E	4/3/2008 RMO-3008	<u></u>
Uranium One Inc.	M-4	4/2/2008 Radium 226, DIS	24.3 Energy Lab	C08040167-006E	4/3/2008 E903.0	
Uranium One Inc.	M-4	4/2/2008 Radium 226 MDC, DIS	0.21 Energy Lab	C08040167-006E	4/3/2008 E903.0	
Uranium One Inc.	M-4	4/2/2008 Radium 228, DIS	6.3 Energy Lab	C08040167-006E	4/3/2008 RA-05	
Uranium One Inc.	M-4	4/2/2008 Radium 228 MDC, DIS	1.1 Energy Lab	C08040167-006E	4/3/2008 RA-05	
Uranium One Inc.	M-4	4/2/2008 Thonum 230, DIS	0.1 Energy Lab	C08040167-006E	4/3/2008 E907.0	
Uranium One Inc.	M-4	4/2/2008 Lead 210, SUS	45.4 Energy Lab	C08040167-006F	4/3/2008 E909.0M	
Uranium One Inc.	M-4	4/2/2008 Polonium 210, SUS	1.2 Energy Lab	C08040167-006F	4/3/2008 RMO-3008	
Uranium One Inc.	M-4	4/2/2008 Radium 226, SUS	0.9 Energy Lab	C08040167-006F	4/3/2008 E903.0	
Uranium One Inc.	M-4	4/2/2008 Radium 226 MDC, SUS	0.4 Energy Lab	C08040167-006F	4/3/2008 E903.0	
Uranium One Inc.	M-4	4/2/2008 Thonum 230, SUS	0.1 Energy Lab	C08040167-006F	4/3/2008 E907.0	
Uranium One Inc.	M-4	4/2/2008 Uranium, SUS	-0.0003 Energy Lab	C08040167-006F	4/3/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 A/C Balance (± 5), DIS	0.501 Energy Lab	C08030354-001A	3/7/2008 Calculation	
Uranium One Inc.	MU-4	3/7/2008 Anions, DIS	2.16 Energy Lab	C08030354-001A	3/7/2008 Calculation	
Uranium One Inc.	MU-4	3/7/2008 Bicarbonate as HCO3, DIS	61 Energy Lab	C08030354-001A	3/7/2008 A2320 B	
Uranium One Inc.	MU-4	3/7/2008 Carbonate as CO3, DIS	19 Energy Lab	C08030354-001A	3/7/2008 A2320 B	
Uranium One Inc.	MU-4	3/7/2008 Cations, DIS	2.18 Energy Lab	C08030354-001A	3/7/2008 Calculation	
Uranium One Inc.	MU-4	3/7/2008 Chloride, DIS	2 Energy Lab	C08030354-001A	3/7/2008 A4500-CI B	
Uranium One Inc.	MU-4	3/7/2008 Conductivity, DIS	112 Energy Lab	C08030354-001A	3/7/2008 A2510 B	
Uranium One Inc.	MU-4	3/7/2008 Fluoride, DIS	0.3 Energy Lab	C08030354-001A	3/7/2008 A4500-F C	
Uranium One Inc.	MU-4	3/7/2008 pH, DIS	9.62 Energy Lab	C08030354-001A	3/7/2008 A4500-H B	
Uranium One Inc.	MU-4	3/7/2008 Solids, Total Dissolved Calculated, DIS	152 Energy Lab	C08030354-001A	3/7/2008 Calculation	<u></u>
Uranium One Inc.	MU-4	3/7/2008 Solids, Total Dissolved TDS @ 180 C, DIS	144 Energy Lab	C08030354-001A	3/7/2008 A2540 C	
Uranium One Inc.	MU-4	3/7/2008 Sulfate, DIS	23 Energy Lab	C08030354-001A	3/7/2008 A4500-SO4 E	
Uranium One Inc.	MU-4	3/7/2008 TDS Balance (0.80 - 1.20), DIS	0.95 Energy Lab	C08030354-001A	3/7/2008 Calculation	
Uranium One Inc.	MU-4	3/7/2008 Iron, TOT	-0.03 Energy Lab	C08030354-001B	3/7/2008 E200.7	
Uranium One Inc.	MU-4	3/7/2008 Manganese, TOT	-0.01 Energy Lab	C08030354-001B	3/7/2008 E200.7	
Uranium One Inc.	MU-4	3/7/2008 Aluminum, DIS	-0.1 Energy Lab	C08030354-001C	3/7/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 Arsenic, DIS	0.019 Energy Lab	C08030354-001C	3/7/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 Barium, DIS	-0.1 Energy Lab	C08030354-001C	3/7/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 Boron, DIS	-0.1 Energy Lab	C08030354-001C	3/7/2008 E200.7	
Uranium One Inc.	MU-4	3/7/2008 Cadmium, DIS	-0.005 Energy Lab	C08030354-001C	3/7/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 Calcium, DIS	19 Energy Lab	C08030354-001C	3/7/2008 E200.7	<u></u>
Uranium One Inc.	MU-4	3/7/2008 Chromium, DIS	-0.05 Energy Lab	C08030354-001C	3/7/2008 E200.8	
Uranium One Inc.	MU-4	3/7/2008 Copper, DIS	-0.01 Energy Lab	C08030354-001C	3/7/2008 E200.8	

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|------------------|----------------|-----------|------------------------------------------|-------|------------|-----------------------------------------|-----------------------|---------------------------------------|
| Uranium One Inc. | MU-4           | 3/7/2008  |                                          |       |            | C08030354-001C                          | 3/7/2008 E200.7       |                                       |
| Uranium One Inc. | MU-4           |           | Lead, DIS                                |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           |           | Magnesium, DIS                           |       |            | C08030354-001C                          | 3/7/2008 E200.7       |                                       |
| Uranium One Inc. | MU-4           |           | Manganese, DIS                           |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           |           | Mercury, DIS                             |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Molybdenum, DIS                          | -0.1  |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           |           | Nickel, DIS                              |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | ]MU-4          | 3/7/2008  | Potassium, DIS                           | 10    | Energy Lab | C08030354-001C                          | 3/7/2008 E200.7       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Selenium, DIS                            | 0.001 | Energy Lab | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Silica, DIS                              | 27.2  | Energy Lab | C08030354-001C                          | 3/7/2008 E200.7       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Sodium, DIS                              | 21    | Energy Lab | C08030354-001C                          | 3/7/2008 E200.7       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Uranium, DIS                             | 0.016 | Energy Lab | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Vanadium, DIS                            |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Zinc, DIS                                |       |            | C08030354-001C                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           |           | Gross Alpha, DIS                         |       |            | C08030354-001D                          | 3/7/2008 E900.0       | <u> </u>                              |
| Uranium One Inc. | MU-4           |           | Gross Alpha MDC, DIS                     |       |            | C08030354-001D                          | 3/7/2008 E900.0       |                                       |
| Uranium One Inc. | MU-4           |           | Gross Beta, DIS                          |       |            | C08030354-001D                          | 3/7/2008 E900.0       |                                       |
| Uranium One Inc. | TMU-4          |           | Gross Beta MDC, DIS                      |       |            | C08030354-001D                          | 3/7/2008 [2900.0      |                                       |
| Uranium One Inc. | MU-4           |           | Lead 210, DIS                            |       |            | C08030354-001D                          | 3/7/2008[E909.0M      |                                       |
| Uranium One Inc. | MU-4           |           | Polonium 210, DIS                        |       |            | C08030354-001D                          | 3/7/2008 RMO-3008     |                                       |
| Uranium One Inc. | 1MU-4<br>1MU-4 |           | Radium 226, DIS                          |       |            | C08030354-001D                          | 3/7/2008 E903.0       | <u> </u>                              |
|                  |                |           |                                          |       |            |                                         |                       |                                       |
| Uranium One Inc. | MU-4           |           | Radium 226 MDC, DIS                      |       |            | C08030354-001D                          | 3/7/2008 E903.0       | <u> </u>                              |
| Uranium One Inc. | MU-4           |           | Radium 228, DIS                          |       |            | C08030354-001D                          | 3/7/2008 RA-05        |                                       |
| Uranium One Inc. | MU-4           |           | Radium 228 MDC, DIS                      |       |            | C08030354-001D                          | 3/7/2008 RA-05        |                                       |
| Uranium One Inc. | MU-4           |           | Thorium 230, DIS                         |       |            | C08030354-001D                          | 3/7/2008 E907.0       |                                       |
| Uranium One Inc. | MU-4           |           | Lead 210, SUS                            |       |            | C08030354-001E                          | 3/7/2008 E909.0M      |                                       |
| Uranium One Inc. | MU-4           |           | Polonium 210, SUS                        |       |            | C08030354-001E                          | 3/7/2008 RMO-3008     |                                       |
| Uranium One Inc. | MU-4           |           | Radium 226, SUS                          |       |            | C08030354-001E                          | 3/7/2008 E903.0       |                                       |
| Uranium One Inc. | MU-4           |           | Radium 226 MDC, SUS                      |       | Energy Lab | C08030354-001E                          | 3/7/2008 E903.0       |                                       |
| Uranium One Inc. | MU-4           |           | Thorium 230, SUS                         |       | Energy Lab | C08030354-001E                          | 3/7/2008 E907.0       |                                       |
| Uranium One Inc. | MU-4           |           | Uranium, SUS                             |       | Energy Lab | C08030354-001E                          | 3/7/2008 E200.8       |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Nitrogen, Ammonia as N, DIS              | 0.09  | Energy Lab | C08030354-001F                          | 3/7/2008 A4500-NH3 G  |                                       |
| Uranium One Inc. | MU-4           | 3/7/2008  | Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1  | Energy Lab | C08030354-001F                          | 3/7/2008 E353.2       |                                       |
| Uranium One Inc. | MP-4           |           | A/C Balance (± 5), DIS                   |       | Energy Lab | C08030354-002A                          | 3/11/2008 Calculation |                                       |
| Uranium One Inc. | MP-4           | 3/7/2008  | Anions, DIS                              | 4.75  | Energy Lab | C08030354-002A                          | 3/11/2008 Calculation |                                       |
| Uranium One Inc. | MP-4           |           | Bicarbonate as HCO3, DIS                 |       | Energy Lab | C08030354-002A                          | 3/11/2008 A2320 B     |                                       |
| Uranium One Inc. | MP-4           | 3/7/2008  | Carbonate as CO3, DIS                    | -1    | Energy Lab | C08030354-002A                          | 3/11/2008 A2320 B     |                                       |
| Uranium One Inc. | MP-4           | 3/7/2008  | Cations, DIS                             | 4.49  | Energy Lab | C08030354-002A                          | 3/11/2008 Calculation |                                       |
| Uranium One Inc. | MP-4           |           | Chloride, DIS                            |       | Energy Lab | C08030354-002A                          | 3/11/2008 A4500-CI B  |                                       |
| Uranium One Inc. | MP-4           | 3/7/2008  | Conductivity, DIS                        |       | Energy Lab | C08030354-002A                          | 3/11/2008 A2510 B     |                                       |
| Uranium One Inc. | MP-4           |           | Fluoride, DIS                            |       | Energy Lab | C08030354-002A                          | 3/11/2008 A4500-F C   |                                       |
| Uranium One Inc. | MP-4           | 3/7/2008  |                                          |       | Energy Lab | C08030354-002A                          | 3/11/2008 A4500-H B   |                                       |
| Uranium One Inc. | MP-4           |           | Solids, Total Dissolved Calculated, DIS  |       | Energy Lab | C08030354-002A                          | 3/11/2008 Calculation |                                       |
| Uranium One Inc. | MP-4           |           | Solids, Total Dissolved TDS @ 180 C, DIS | 297   | Energy Lab | C08030354-002A                          | 3/11/2008 A2540 C     |                                       |
| Uranium One Inc. | MP-4           |           | Sulfate, DIS                             | 95    | Energy Lab | C08030354-002A                          | 3/11/2008 A4500-SO4 E |                                       |
| Uranium One Inc. | IMP-4          |           | TDS Balance (0.80 - 1.20), DIS           |       | Energy Lab | C08030354-002A                          | 3/11/2008 Calculation |                                       |
| Uranium One Inc. | IMP-4          |           | Iron, TOT                                |       | Energy Lab | C08030354-002B                          | 3/11/2008 E200.7      | <u> </u>                              |
| Uranium One Inc. | MP-4           |           | Manganese, TOT                           |       | Energy Lab | C08030354-002B                          | 3/11/2008 E200.7      |                                       |
| Uranium One Inc. | MP-4           |           | Aluminum, DIS                            |       | Energy Lab | C08030354-002C                          | 3/11/2008 E200.8      |                                       |
| Uranium One Inc. | MP-4           |           | Arsenic, DIS                             |       | Energy Lab | C08030354-002C                          | 3/11/2008 200.8       | <u> </u>                              |
| Uranium One Inc. | IMP-4          |           | Barium, DIS                              |       | Energy Lab | C08030354-002C                          | 3/11/2008 E200.8      | +                                     |
|                  | IMP-4          |           | Boron, DIS                               |       | Energy Lab | C08030354-002C                          | 3/11/2008 E200.7      | { · · · · · · · · · · · · · · ·       |
| Uranium One Inc. |                |           |                                          | -0,1  | Energy Lab | C08030354-002C                          | 3/11/2008 E200.8      | {                                     |
| Uranium One Inc. | MP-4           |           | Cadmium, DIS                             |       |            |                                         |                       |                                       |
| Uranium One Inc. | MP-4           |           | Calcium, DIS                             |       | Energy Lab | C08030354-002C                          | 3/11/2008 E200.7      | <u> </u>                              |
| Uranium One Inc. | MP-4           | 3///2008  | Chromium, DIS                            | -0.05 | Energy Lab | C08030354-002C                          | 3/11/2008 E200.8      | L                                     |

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|--------------------------------------|------------|---------------------------------------------------|--------------------------------------|----------------|-----------------------|----------------------------------------|
| Uranium One Inc.                     | MP-4       | 3/7/2008 Copper, DIS                              | -0.01 Energy Lab                     | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Iron, DIS                                | 0.03 Energy Lab                      | C08030354-002C | 3/11/2008 E200.7      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Lead, DIS                                | -0.001 Energy Lab                    | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Magnesium, DIS                           | 4 Energy Lab                         | C08030354-002C | 3/11/2008 E200.7      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Manganese, DIS                           | -0.01 Energy Lab                     | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Mercury, DIS                             | -0.001 Energy Lab                    | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Molybdenum, DIS                          | -0.1 Energy Lab                      | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Nickel, DIS                              | -0.05 Energy Lab                     | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Potassium, DIS                           | 6 Energy Lab                         | C08030354-002C | 3/11/2008 E200.7      | ·                                      |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Selenium, DIS                            | 0.001 Energy Lab                     | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Silica, DIS                              | 20.9 Energy Lab                      | C08030354-002C | 3/11/2008 E200.7      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Sodium, DIS                              | 21 Energy Lab                        | C08030354-002C | 3/11/2008 E200.7      |                                        |
| Uranium One Inc.                     | IMP-4      | 3/7/2008 Uranium, DIS                             | 0.0624 Energy Lab                    | C08030354-002C | 3/11/2008 E200.8      | <u> </u>                               |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Vanadium, DIS                            | -0.1 Energy Lab                      | C08030354-002C | 3/11/2008 E200.8      | +                                      |
|                                      | MP-4       | 3/7/2008 Zinc, DIS                                | -0.01 Energy Lab                     | C08030354-002C | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     |            | 3/7/2008 Gross Alpha, DIS                         |                                      | C08030354-002C | 3/11/2008 E900.0      |                                        |
| Uranium One Inc.                     | MP-4       |                                                   | 81.8 Energy Lab                      | C08030354-002D | 3/11/2008 E900.0      | <u> </u>                               |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Gross Alpha MDC, DIS                     | 1.2 Energy Lab                       |                |                       | <u> </u>                               |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Gross Beta, DIS                          | 32.8 Energy Lab                      | C08030354-002D | 3/11/2008 E900.0      | <u> </u>                               |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Gross Beta MDC, DIS                      | 2.6 Energy Lab                       | C08030354-002D | 3/11/2008 E900.0      | ļ                                      |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Lead 210, DIS                            | 0 Energy Lab                         | C08030354-002D | 3/11/2008 E909.0M     |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Polonium 210, DIS                        | 0.6 Energy Lab                       | C08030354-002D | 3/11/2008 RMO-3008    | ·                                      |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Radium 226, DIS                          | 9 Energy Lab                         | C08030354-002D | 3/11/2008 E903.0      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Radium 226 MDC, DIS                      | 0.2 Energy Lab                       | C08030354-002D | 3/11/2008 E903.0      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Radium 228, DIS                          | 8.9 Energy Lab                       | C08030354-002D | 3/11/2008 RA-05       |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Thorium 230, DIS                         | 0 Energy Lab                         | C08030354-002D | 3/11/2008 E907.0      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Lead 210, SUS                            | 0 Energy Lab                         | C08030354-002E | 3/11/2008 E909.0M     |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Polonium 210, SUS                        | 0.4 Energy Lab                       | C08030354-002E | 3/11/2008 RMO-3008    |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Radium 226, SUS                          | -0.4 Energy Lab                      | C08030354-002E | 3/11/2008 E903.0      | Value is a negative value, not a limit |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Radium 226 MDC, SUS                      | 1.8 Energy Lab                       | C08030354-002E | 3/11/2008 E903.0      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Thorium 230, SUS                         | 0 Energy Lab                         | C08030354-002E | 3/11/2008 E907.0      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Uranium, SUS                             | 0.0624 Energy Lab                    | C08030354-002E | 3/11/2008 E200.8      |                                        |
| Uranium One Inc.                     | MP-4       | 3/7/2008 Nitrogen, Ammonia as N, DIS              | -0.05 Energy Lab                     | C08030354-002F | 3/11/2008 A4500-NH3 G |                                        |
| Uranium One Inc.                     | IMP-4      | 3/7/2008 Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1 Energy Lab                      | C08030354-002F | 3/11/2008 E353.2      | ┟───────────────────────────────────   |
|                                      |            | 4/1/2008 A/C Balance (± 5), DIS                   | 0.035 Energy Lab                     | C08040167-001A | 4/3/2008 Calculation  |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Anions, DIS                              | 4.65 Energy Lab                      | C08040167-001A | 4/3/2008 Calculation  | <u>}</u>                               |
| Uranium One Inc.                     | M-5        |                                                   | 122 Energy Lab                       | C08040167-001A | 4/3/2008 A2320 B      | ······                                 |
| Uranium One Inc.                     | M-5        | 4/1/2008 Bicarbonate as HCO3, DIS                 |                                      |                | 4/3/2008 A2320 B      | ↓                                      |
| Uranium One Inc.                     | M-5        | 4/1/2008 Carbonate as CO3, DIS                    | -1 Energy Lab                        | C08040167-001A |                       | +                                      |
| Uranium One Inc.                     | M-5        | 4/1/2008 Cations, DIS                             | 4.65 Energy Lab                      | C08040167-001A | 4/3/2008 Calculation  |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Chloride, DIS                            | 1 Energy Lab                         | C08040167-001A | 4/3/2008 A4500-CI B   | <u> </u>                               |
| Uranium One Inc.                     | M-5        | 4/1/2008 Conductivity, DIS                        | 412 Energy Lab                       | C08040167-001A | 4/3/2008 A2510 B      | L                                      |
| Uranium One Inc.                     | M-5        | 4/1/2008 Fluoride, DIS                            | 0.1 Energy Lab                       | C08040167-001A | 4/3/2008 A4500-F C    |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 pH, DIS                                  | 7.92 Energy Lab                      | C08040167-001A | 4/3/2008 A4500-H B    | Į                                      |
| Uranium One Inc.                     | M-5        | 4/1/2008 Solids, Total Dissolved Calculated, DIS  | 294 Energy Lab                       | C08040167-001A | 4/3/2008 Calculation  | <u></u>                                |
| Uranium One Inc.                     | M-5        | 4/1/2008 Solids, Total Dissolved TDS @ 180 C, DIS | 241 Energy Lab                       | C08040167-001A | 4/3/2008 A2540 C      |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Sulfate, DIS                             | 125 Energy Lab                       | C08040167-001A | 4/3/2008 A4500-SO4 E  |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 TDS Balance (0.80 - 1.20), DIS           | 0.82 Energy Lab                      | C08040167-001A | 4/3/2008 Calculation  |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Nitrogen, Ammonia as N, DIS              | -0.05 Energy Lab                     | C08040167-001B | 4/3/2008 A4500-NH3 G  |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1 Energy Lab                      | C08040167-001B | 4/3/2008 E353.2       |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Iron, TOT                                | 0.08 Energy Lab                      | C08040167-001C | 4/3/2008 E200.7       |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Manganese, TOT                           | 0.02 Energy Lab                      | C08040167-001C | 4/3/2008 E200.7       |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Aluminum, DIS                            | -0.1 Energy Lab                      | C08040167-001D | 4/3/2008 E200.7       |                                        |
| Uranium One Inc.                     | M-5        | 4/1/2008 Arsenic, DIS                             | 0.001 Energy Lab                     | C08040167-001D | 4/3/2008 E200.8       | +                                      |
|                                      |            |                                                   | -0.1 Energy Lab                      | C08040167-001D | 4/3/2008 E200.7       | +                                      |
| Uranium One Inc.                     | M-5        | 4/1/2008 Banium, DIS                              |                                      | C08040167-001D | 4/3/2008 E200.7       | <u>+</u>                               |
|                                      |            |                                                   |                                      |                |                       |                                        |
| Uranium One Inc.<br>Uranium One Inc. | M-5<br>M-5 | 4/1/2008 Boron, DIS<br>4/1/2008 Cadmium, DIS      | -0.1 Energy Lab<br>-0.005 Energy Lab | C08040167-001D | 4/3/2008 E200.8       |                                        |

| Uranium One Inc.                                                                                                | M-5        | 4/1/2008                 | Calcium, DIS                             |         | Energy Lab | C08040167-001D                   | 4/3/2008    | 1000 7      | <u></u>                                |
|-----------------------------------------------------------------------------------------------------------------|------------|--------------------------|------------------------------------------|---------|------------|----------------------------------|-------------|-------------|----------------------------------------|
|                                                                                                                 | M-5        |                          | Chromium, DIS                            |         | Energy Lab | C08040167-001D                   |             |             |                                        |
|                                                                                                                 | M-5        |                          | Copper, DIS                              |         |            | C08040167-001D                   | 4/3/2008    |             | <u></u>                                |
|                                                                                                                 | M-5        |                          | Iron, DIS                                |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Lead, DIS                                |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Magnesium, DIS                           |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Manganese, DIS                           |         |            |                                  | 4/3/2008    |             | <u> </u>                               |
|                                                                                                                 | M-5        |                          | Mercury, DIS                             |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Molybdenum, DIS                          |         | Energy Lab | C08040167-001D                   | 4/3/2008    |             |                                        |
| Uranium One Inc.                                                                                                | M-5        |                          | Nickel, DIS                              |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Potassium, DIS                           | -0.05   | Energy Lab | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Selenium, DIS                            | 2       | Energy Lab | C08040167-001D                   | 4/3/2008    |             | <u> </u>                               |
|                                                                                                                 | M-5        |                          |                                          |         | Energy Lab | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 |            |                          | Silica, DIS                              |         | Energy Lab | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5<br>M-5 |                          | Sodium, DIS                              |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
| Uranium One Inc.                                                                                                | м-э<br>M-5 |                          | Uranium, DIS                             |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 |            |                          | Vanadium, DIS                            |         | Energy Lab | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Zinc, DIS                                |         |            | C08040167-001D                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Gross Alpha, DIS                         |         |            | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Gross Alpha MDC, DIS                     |         | Energy Lab | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Gross Beta, DIS                          |         |            | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Gross Beta MDC, DIS                      |         |            | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Lead 210, DIS                            |         | Energy Lab | C08040167-001E                   |             | E909.0M     |                                        |
|                                                                                                                 | M-5        |                          | Polonium 210, DIS                        |         |            | C08040167-001E                   |             | RMO-3008    |                                        |
| Uranium One Inc.                                                                                                | M-5        |                          | Radium 226, DIS                          |         |            | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Radium 226 MDC, DIS                      |         | Energy Lab | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Radium 228, DIS                          |         |            | C08040167-001E                   | 4/3/2008    |             | ·                                      |
| Uranium One Inc.                                                                                                | M-5        |                          | Radium 228 MDC, DIS                      |         |            | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Thorium 230, DIS                         |         | Energy Lab | C08040167-001E                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Lead 210, SUS                            |         |            | C08040167-001F                   |             | E909.0M     |                                        |
| Uranium One Inc.                                                                                                | M-5        |                          | Polonium 210, SUS                        |         |            | C08040167-001F                   |             | RMO-3008    |                                        |
|                                                                                                                 | M-5        |                          | Radium 226, SUS                          |         | Energy Lab | C08040167-001F                   | 4/3/2008    |             | Value is a negative value, not a limit |
|                                                                                                                 | M-5        |                          | Radium 226 MDC, SUS                      |         |            | C08040167-001F                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Thorium 230, SUS                         |         |            | C08040167-001F                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | Uranium, SUS                             | -0.0003 | Energy Lab | C08040167-001F                   | 4/3/2008    |             |                                        |
|                                                                                                                 | M-5        |                          | A/C Balance (± 5), DIS                   |         |            | C07111109-002A                   |             | Calculation |                                        |
|                                                                                                                 | M-5        |                          | Anions, DIS                              |         |            | C07111109-002A                   |             | Calculation | <u>[</u>                               |
|                                                                                                                 | M-5        |                          | Bicarbonate as HCO3, DIS                 | 134     | Energy Lab | C07111109-002A                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        |                          | Carbonate as CO3, DIS                    | <u></u> | Energy Lab | C07111109-002A                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        |                          | Cations, DIS                             |         |            | C07111109-002A                   |             | Calculation |                                        |
|                                                                                                                 | M-5        |                          | Chloride, DIS                            |         |            | C07111109-002A                   |             | A4500-CI B  |                                        |
|                                                                                                                 | M-5        |                          | Conductivity, DIS                        |         | Energy Lab | C07111109-002A                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        |                          | Fluoride, DIS                            |         |            | C07111109-002A                   |             | A4500-F C   |                                        |
|                                                                                                                 | M-5        | 11/27/2007               |                                          |         |            | C07111109-002A                   |             | A4500-H B   |                                        |
|                                                                                                                 | M-5        |                          | Solids, Total Dissolved Calculated, DIS  | 236     | Energy Lab | C07111109-002A                   |             | Calculation |                                        |
|                                                                                                                 | M-5        |                          | Solids, Total Dissolved TDS @ 180 C, DIS |         |            | C07111109-002A                   | 11/28/2007  |             |                                        |
| the second data was a | M-5        |                          | Sulfate, DIS                             |         |            | C07111109-002A                   |             | A4500-SO4 E |                                        |
|                                                                                                                 | M-5        |                          | TDS Balance (0.80 - 1.20), DIS           |         |            | C07111109-002A                   |             | Calculation |                                        |
|                                                                                                                 | M-5        |                          | Nitrogen, Ammonia as N, DIS              |         |            | C07111109-002B                   |             | A4500-NH3 G |                                        |
|                                                                                                                 | M-5        |                          | Nitrogen, Nitrate+Nitrite as N, DIS      |         |            | C07111109-002B                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        | 11/27/2007               | Iron, TOT                                |         |            | C07111109-002C                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        | 11/27/2007               | Manganese, TOT                           |         |            | C07111109-002C                   | 11/28/2007  |             |                                        |
|                                                                                                                 | M-5        |                          | Aluminum, DIS                            |         |            | C07111109-002D                   | _11/28/2007 |             |                                        |
|                                                                                                                 | M-5        |                          | Arsenic, DIS                             | 0.001   | Energy Lab | C07111109-002D                   | 11/28/2007  |             |                                        |
|                                                                                                                 |            | 44103100007              | Destroy DIG                              |         |            |                                  | 11/00/0000  | 12000 0     |                                        |
| Energy Metals Corp.<br>Energy Metals Corp.                                                                      | M-5        | 11/27/2007<br>11/27/2007 |                                          |         |            | C07111109-002D<br>C07111109-002D | 11/28/2007  |             |                                        |

| Energy Metals Corp. M-5 | 11/27/2007 Cadmium, DIS                             |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
|-------------------------|-----------------------------------------------------|--------|------------|----------------|----------------------|----------------------------------------------|
| Energy Metals Corp. M-5 | 11/27/2007 Calcium, DIS                             |        | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Chromium, DIS                            |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Copper, DIS                              |        |            | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Iron, DIS                                |        | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Lead, DIS                                |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Magnesium, DIS                           | 5      | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Manganese, DIS                           | 0.02   | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Mercury, DIS                             | -0.001 | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Molybdenum, DIS                          |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    | [                                            |
| Energy Metals Corp. M-5 | 11/27/2007 Nickel, DIS                              |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Potassium, DIS                           | 2      | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Selenium, DIS                            |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Silica, DIS                              |        | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Sodium, DIS                              | 15     | Energy Lab | C07111109-002D | 11/28/2007 E200.7    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Uranium, DIS                             |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Vanadium, DIS                            |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Zinc, DIS                                |        | Energy Lab | C07111109-002D | 11/28/2007 E200.8    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Gross Alpha, DIS                         |        | Energy Lab | C07111109-002E | 11/28/2007 E900.0    | <u> </u>                                     |
| Energy Metals Corp. M-5 | 11/27/2007 Gross Beta, DIS                          |        | Energy Lab | C07111109-002E | 11/28/2007 E900.0    | <u> </u>                                     |
| Energy Metals Corp. M-5 | 11/27/2007 Lead 210, DIS                            |        |            |                |                      |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Polonium 210, DIS                        |        | Energy Lab | C07111109-002E | 11/28/2007 E909.0M   |                                              |
|                         |                                                     |        |            | C07111109-002E | 11/28/2007 RMO-3008  |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Radium 226, DIS                          |        | Energy Lab | C07111109-002E | 11/28/2007 E903.0    | [······                                      |
| Energy Metals Corp. M-5 | 11/27/2007 Radium 228, DIS                          |        | Energy Lab | C07111109-002E | 11/28/2007 RA-05     |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Thorium 230, DIS                         |        | Energy Lab | C07111109-002E | 11/28/2007 E907.0    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Lead 210, SUS                            |        | Energy Lab | C07111109-002F | 11/28/2007 E909.0M   |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Polonium 210, SUS                        | 2.1    | Energy Lab | C07111109-002F | 11/28/2007 RMO-3008  |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Radium 226, SUS                          |        |            | C07111109-002F | 11/28/2007 E903.0    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Thorium 230, SUS                         |        | Energy Lab | C07111109-002F | 11/28/2007 E907.0    |                                              |
| Energy Metals Corp. M-5 | 11/27/2007 Uranium, SUS                             |        | Energy Lab | C07111109-002F | 11/28/2007 E200.8    |                                              |
| Uranium One Inc. M-6    | 12/31/2007 A/C Balance (± 5), DIS                   |        | Energy Lab | C08010016-001A | 1/3/2008 Calculation |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Anions, DIS                              | 3.22   | Energy Lab | C08010016-001A | 1/3/2008 Calculation |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Bicarbonate as HCO3, DIS                 | 121    | Energy Lab | C08010016-001A | 1/3/2008 A2320 B     |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Carbonate as CO3, DIS                    | 3      | Energy Lab | C08010016-001A | 1/3/2008 A2320 B     |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Cations, DIS                             | 3.24   | Energy Lab | C08010016-001A | 1/3/2008 Calculation |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Chloride, DIS                            |        | Energy Lab | C08010016-001A | 1/3/2008 A4500-CI B  |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Conductivity, DIS                        | 305    | Energy Lab | C08010016-001A | 1/3/2008 A2510 B     |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Fluoride, DIS                            | 0.3    | Energy Lab | C08010016-001A | 1/3/2008 A4500-F C   |                                              |
| Uranium One Inc. M-6    | 12/31/2007 pH, DIS                                  |        | Energy Lab | C08010016-001A | 1/3/2008 A4500-H B   |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Solids, Total Dissolved Calculated, DIS  | 202    | Energy Lab | C08010016-001A | 1/3/2008 Calculation | 1                                            |
| Uranium One Inc. M-6    | 12/31/2007 Solids, Total Dissolved TDS @ 180 C, DIS |        | Energy Lab | C08010016-001A | 1/3/2008 A2540 C     |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Sulfate, DIS                             |        | Energy Lab | C08010016-001A | 1/3/2008 A4500-SO4 E |                                              |
| Uranium One Inc. M-6    | 12/31/2007 TDS Balance (0.80 - 1.20), DIS           |        | Energy Lab | C08010016-001A | 1/3/2008 Calculation |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Nitrogen, Ammonia as N, DIS              |        | Energy Lab | C08010016-001B | 1/3/2008 A4500-NH3 G |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Nitrogen, Nitrate+Nitrite as N, DIS      |        | Energy Lab | C08010016-001B | 1/3/2008 E353.2      |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Iron, TOT                                |        | Energy Lab | C08010016-001C | 1/3/2008 E200.7      | <u></u>                                      |
| Uranium One Inc. M-6    | 12/31/2007 Manganese, TOT                           | 0.005  | Energy Lab | C08010016-001C | 1/3/2008 E200.7      | <u> </u>                                     |
| Uranium One Inc. M-6    | 12/31/2007 Aluminum, DIS                            | <0.1   | Energy Lab | C08010016-001D | 1/3/2008 E200.8      | <u>┤────────────────────────────────────</u> |
| Uranium One Inc. M-6    | 12/31/2007 Arsenic, DIS                             |        | Energy Lab | C08010016-001D | 1/3/2008 E200.8      | <u> </u>                                     |
| Uranium One Inc. M-6    | 12/31/2007 Barium, DIS                              |        | Energy Lab | C08010016-001D | 1/3/2008 2200.8      |                                              |
| Uranium One Inc. M-6    | 12/31/2007 Bandin, DIS                              |        | Energy Lab | C08010016-001D | 1/3/2008 E200.7      | <u> </u>                                     |
| Uranium One Inc. M-6    | 12/31/2007 Cadmium, DIS                             |        | Energy Lab | C08010016-001D | 1/3/2008 E200.8      | <u> </u>                                     |
| Uranium One Inc. M-6    | 12/31/2007 Calcium, DIS                             |        | Energy Lab | C08010016-001D | 1/3/2008 E200.8      | <u></u>                                      |
|                         |                                                     |        |            |                |                      | ······                                       |
|                         | 12/31/2007 Chromium, DIS                            |        | Energy Lab | C08010016-001D | 1/3/2008 E200.8      | <u> </u>                                     |
| Uranium One Inc. M-6    | 12/31/2007 Copper, DIS                              | <0.01  | Energy Lab | C08010016-001D | 1/3/2008 E200.8      |                                              |

| Uranium One Inc.    | M-6 | 12/31/2007 | Iron DIS                                | 0.015 | Energy Lab | C08010016-001D | 1/3/2008 | E200 7      | T                                             |
|---------------------|-----|------------|-----------------------------------------|-------|------------|----------------|----------|-------------|-----------------------------------------------|
| Uranium One Inc.    | M-6 | 12/31/2007 |                                         |       |            | C08010016-001D | 1/3/2008 |             | {                                             |
| Uranium One Inc.    | M-6 |            | Magnesium, DIS                          |       |            | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Magnese, DIS                            |       |            | C08010016-001D | 1/3/2008 | E200.7      |                                               |
| Uranium One Inc.    | M-6 |            | Mercury, DIS                            |       |            | C08010016-001D | 1/3/2008 |             |                                               |
|                     | M-6 |            | Molybdenum, DIS                         |       |            | C08010016-001D | 1/3/2008 |             | ·                                             |
| Uranium One Inc.    |     |            |                                         |       | Energy Lab | C08010016-001D |          |             |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 |                                         |       |            |                | 1/3/2008 |             | <u> </u>                                      |
| Uranium One Inc.    | M-6 |            | Potassium, DIS                          |       |            | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Selenium, DIS                           |       |            | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 |                                         |       | Energy Lab | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Sodium, DIS                             |       | Energy Lab | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Uranium, DIS                            | 0.58  | Energy Lab | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Vanadium, DIS                           |       |            | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 |                                         | 0.005 | Energy Lab | C08010016-001D | 1/3/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 | Gross Alpha, DIS                        | 973   | Energy Lab | C08010016-001E | 1/3/2008 | E900.0      |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 | Gross Beta, DIS                         |       |            | C08010016-001E | 1/3/2008 | E900.0      |                                               |
| Uranium One Inc.    | M-6 | 12/31/2007 | Radium 226, DIS                         | 383   | Energy Lab | C08010016-001E | 1/3/2008 | E903.0      | 1                                             |
| Uranium One Inc.    | M-6 | 12/31/2007 | Radium 228, DIS                         |       | Energy Lab | C08010016-001E | 1/3/2008 | RA-05       |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   | A/C Balance (± 5), DIS                  |       |            | C08040256-001A |          | Calculation |                                               |
| Uranium One Inc.    | M-6 |            | Anions, DIS                             |       | Energy Lab | C08040256-001A |          | Calculation |                                               |
| Uranium One Inc.    | M-6 |            | Bicarbonate as HCO3, DIS                |       | Energy Lab | C08040256-001A |          | A2320 B     |                                               |
| Uranium One Inc.    | M-6 |            | Carbonate as CO3, DIS                   |       |            | C08040256-001A |          | A2320 B     |                                               |
| Uranium One Inc.    | M-6 |            | Cations, DIS                            |       | Energy Lab | C08040256-001A |          | Calculation |                                               |
| Uranium One Inc.    | M-6 |            | Chloride, DIS                           |       | Energy Lab | C08040256-001A |          | A4500-CI B  |                                               |
| Uranium One Inc.    | M-6 |            | Conductivity, DIS                       |       | Energy Lab | C08040256-001A |          | A2510 B     | <u> </u>                                      |
| Uranium One Inc.    | M-6 |            | Fluoride, DIS                           |       | Energy Lab | C08040256-001A |          | A4500-F C   | ······································        |
| Uranium One Inc.    | M-6 | 4/4/2008   |                                         |       | Energy Lab | C08040256-001A |          | A4500-H B   |                                               |
| Uranium One Inc.    | M-6 |            | Solids, Total Dissolved Calculated, DIS |       | Energy Lab | C08040256-001A |          | Calculation |                                               |
| Uranium One Inc.    | M-6 |            | Solids, Total Dissolved Carculated, DIS |       | Energy Lab | C08040256-001A |          | A2540 C     |                                               |
| Uranium One Inc.    | M-6 |            | Sulfate, DIS                            |       | Energy Lab | C08040256-001A |          | A4500-SO4 E |                                               |
|                     | M-6 |            | TDS Balance (0.80 - 1.20), DIS          |       | Energy Lab | C08040256-001A |          | Calculation |                                               |
| Uranium One Inc.    |     |            |                                         |       |            | C08040256-001A |          | A4500-NH3 G |                                               |
| Uranium One Inc.    | M-6 |            | Nitrogen, Ammonia as N, DIS             |       | Energy Lab | C08040256-001B | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Nitrogen, Nitrate+Nitrite as N, DIS     |       |            | C08040256-001B |          |             |                                               |
| Uranium One Inc.    | M-6 |            | liron, TOT                              |       |            |                | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Manganese, TOT                          |       | Energy Lab | C08040256-001C | 4/4/2008 |             | ┨ <u>────────────────────────────────────</u> |
| Uranium One Inc.    | M-6 |            | Aluminum, DIS                           |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Arsenic, DIS                            |       | Energy Lab | C08040256-001D | 4/4/2008 |             | <b>+</b>                                      |
| Uranium One Inc.    | M-6 |            | Barium, DIS                             |       | Energy Lab | C08040256-001D | 4/4/2008 |             | +                                             |
| Uranium One Inc.    | M-6 |            | Boron, DIS                              |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Cadmium, DIS                            |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Calcium, DIS                            |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Chromium, DIS                           |       | Energy Lab | C08040256-001D | 4/4/2008 |             | ·                                             |
| Uranium One Inc.    | M-6 |            | Copper, DIS                             |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   |                                         |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Lead, DIS                               |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Magnesium, DIS                          |       | Energy Lab | C08040256-001D | 4/4/2008 |             | <u> </u>                                      |
| Uranium One Inc.    | M-6 |            | Manganese, DIS                          |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   | Mercury, DIS                            |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   | Molybdenum, DIS                         |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   | Nickel, DIS                             |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 | 4/4/2008   | Potassium, DIS                          | 5     | Energy Lab | C08040256-001D | 4/4/2008 | E200.7      |                                               |
| Uranium One Inc.    | M-6 |            | Selenium, DIS                           |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Silica, DIS                             |       | Energy Lab | C08040256-001D | 4/4/2008 |             | 1                                             |
| Uranium One Inc.    | M-6 |            | Sodium, DIS                             |       | Energy Lab | C08040256-001D | 4/4/2008 |             |                                               |
| Uranium One Inc.    | M-6 |            | Uranium, DIS                            |       | Energy Lab | C08040256-001D | 4/4/2008 |             | 1                                             |
| Community One line. | 1   |            |                                         | 0.000 |            | 10-00-010      |          |             |                                               |

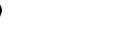
| Uranium One Inc.  | M-6 |            | Vanadium, DIS                            |        |             | C08040256-001D | 4/4/2008 E200.7      |                                       |
|-------------------|-----|------------|------------------------------------------|--------|-------------|----------------|----------------------|---------------------------------------|
| Uranium One Inc.  | M-6 | 4/4/2008   |                                          | -0.01  | Energy Lab  | C08040256-001D | 4/4/2008 E200.7      |                                       |
| Uranium One Inc.  | M-6 | 4/4/2008   | Gross Alpha, DIS                         | 1350   | Energy Lab  | C08040256-001E | 4/4/2008 E900.0      |                                       |
| Uranium One Inc.  | M-6 | 4/4/2008   | Gross Alpha MDC, DIS                     | 1.4    | Energy Lab  | C08040256-001E | 4/4/2008 E900.0      |                                       |
| Uranium One Inc.  | M-6 | 4/4/2008   | Gross Beta, DIS                          | 508    | Energy Lab  | C08040256-001E | 4/4/2008 E900.0      |                                       |
| Uranium One Inc.  | M-6 | 4/4/2008   | Gross Beta MDC, DIS                      |        |             | C08040256-001E | 4/4/2008 E900.0      |                                       |
| Uranium One Inc.  | M-6 | 4/4/2008   | Lead 210, DIS                            | 102    |             | C08040256-001E | 4/4/2008 E909.0M     | <u> </u>                              |
| Uranium One Inc.  | M-6 | 4/4/2008   | Polonium 210, DIS                        |        |             | C08040256-001E | 4/4/2008 RMO-3008    | <u>}</u>                              |
| Uranium One Inc.  | M-6 | 4/4/2008   | Radium 226, DIS                          |        |             | C08040256-001E | 4/4/2008 E903.0      | +                                     |
| Uranium One Inc.  | M-6 |            | Radium 226 MDC, DIS                      | 0.2    |             | C08040256-001E | 4/4/2008 E903.0      |                                       |
| Uranium One Inc.  | M-6 |            | Radium 228. DIS                          |        |             | C08040256-001E | 4/4/2008 RA-05       | +                                     |
| Uranium One Inc.  | M-6 |            | Radium 228 MDC, DIS                      |        |             | C08040256-001E | 4/4/2008 RA-05       | +                                     |
| Uranium One Inc.  | M-6 |            | Thorium 230, DIS                         |        | Energy Lab  | C08040256-001E | 4/4/2008 E907.0      | +                                     |
| Uranium One Inc.  | M-6 |            | Lead 210, SUS                            |        | Energy Lab  | C08040256-001E | 4/4/2008 E909.0M     |                                       |
| Uranium One Inc.  | M-6 |            | Polonium 210, SUS                        |        | Energy Lab  | C08040256-001F | 4/4/2008 RMO-3008    | +                                     |
| Uranium One Inc.  | M-6 |            | Radium 226, SUS                          |        |             | C08040256-001F | 4/4/2008 E903.0      | +                                     |
| Uranium One Inc.  | M-6 |            | Radium 226 MDC, SUS                      |        |             | C08040256-001F | 4/4/2008 E903.0      |                                       |
| Uranium One Inc.  | M-6 |            | Thorium 230, SUS                         |        | Energy Lab  | C08040256-001F |                      | <u> </u>                              |
| Uranium One Inc.  | M-6 |            | Uranium, SUS                             |        | Energy Lab  | C08040256-001F | 4/4/2008 E907.0      | f <del></del>                         |
| Uranium One Inc.  | M-7 |            | A/C Balance (± 5), DIS                   |        |             |                | 4/4/2008 E200.8      | <u> </u>                              |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004A | 1/3/2008 Calculation |                                       |
| Uranium One Inc.  | M-7 |            |                                          |        |             | C08010016-004A | 1/3/2008 Calculation |                                       |
| Uranium One Inc.  |     |            | Bicarbonate as HCO3, DIS                 |        |             | C08010016-004A | 1/3/2008 A2320 B     |                                       |
|                   | M-7 |            | Carbonate as CO3, DIS                    |        |             | C08010016-004A | 1/3/2008 A2320 B     | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.  | M-7 |            | Cations, DIS                             | 3.69   | Energy Lab  | C08010016-004A | 1/3/2008 Calculation |                                       |
| Uranium One Inc.  | M-7 |            | Chloride, DIS                            | 4      | Energy Lab  | C08010016-004A | 1/3/2008 A4500-CI B  | <u> </u>                              |
| Uranium One Inc.  | M-7 |            | Conductivity, DIS                        |        |             | C08010016-004A | 1/3/2008 A2510 B     |                                       |
| Uranium One Inc.  | M-7 |            | Fluoride, DIS                            |        |             | C08010016-004A | 1/3/2008 A4500-F C   |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004A | 1/3/2008 A4500-H B   |                                       |
| Uranium One Inc.  | M-7 |            | Solids, Total Dissolved Calculated, DIS  |        | Energy Lab  | C08010016-004A | 1/3/2008 Calculation |                                       |
| Uranium One Inc.  | M-7 |            | Solids, Total Dissolved TDS @ 180 C, DIS |        | Energy Lab  | C08010016-004A | 1/3/2008 A2540 C     |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004A | 1/3/2008 A4500-SO4 E |                                       |
| Uranium One Inc.  | M-7 |            | TDS Balance (0.80 - 1.20), DIS           |        | Energy Lab  | C08010016-004A | 1/3/2008 Calculation |                                       |
| Uranium One Inc.  | M-7 |            | Nitrogen, Ammonía as N, DIS              |        | Energy Lab  | C08010016-004B | 1/3/2008 A4500-NH3 G |                                       |
| Uranium One Inc.  | M-7 |            | Nitrogen, Nitrate+Nitrite as N, DIS      |        |             | C08010016-004B | 1/3/2008 E353.2      |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004C | 1/3/2008 E200.7      |                                       |
| Uranium One Inc.  | M-7 |            | Manganese, TOT                           |        | Energy Lab  | C08010016-004C | 1/3/2008 E200.7      |                                       |
| Uranium One Inc.  | M-7 |            | Aluminum, DIS                            |        |             | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 |            | Arsenic, DIS                             |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        |             | C08010016-004D | 1/3/2008 E200.8      | •                                     |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.7      |                                       |
| Uranium One Inc.  | M-7 |            | Cadmium, DIS                             |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 |            | Calcium, DIS                             |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.7      |                                       |
| Uranium One Inc.  | M-7 |            | Chromium, DIS                            |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          | <0.01  | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        |             | C08010016-004D | 1/3/2008 E200.7      |                                       |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          | 0.0005 | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 |            | Magnesium, DIS                           | 5      | Energy Lab  | C08010016-004D | 1/3/2008 E200.7      | 1                                     |
| Uranium One Inc.  | M-7 |            | Manganese, DIS                           | 0,13   | Energy Lab  | C08010016-004D | 1/3/2008 E200.8      | 1                                     |
| Uranium One Inc.  | M-7 | 12/31/2007 | Mercury, DIS                             |        |             | C08010016-004D | 1/3/2008 E200.8      |                                       |
| Uranium One Inc.  | M-7 |            | Molybdenum, DIS                          |        |             | C08010016-004D | 1/3/2008 E200.8      | 1                                     |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        |             | C08010016-004D | 1/3/2008 E200.8      | 1                                     |
| Uranium One Inc.  | M-7 |            | Potassium, DIS                           | 3      | Energy Lab  | C08010016-004D | 1/3/2008 E200.7      | <u> </u>                              |
| Uranium One Inc.  | M-7 |            | Selenium, DIS                            | 0,0005 |             | C08010016-004D | 1/3/2008 E200.8      | +                                     |
| Uranium One Inc.  | M-7 | 12/31/2007 |                                          |        | Energy Lab  | C08010016-004D | 1/3/2008 E200.7      | <del>†=</del>                         |
| Uranium One Inc.  | M-7 |            | Sodium, DIS                              |        |             | C08010016-004D | 1/3/2008 E200.7      | +                                     |
| Latardad One they |     |            |                                          |        | L'UCIKY LAD | 1000010010040  |                      |                                       |

| Uranium One Inc.                                                                                                | M-7    | 1 12/21/2007 | Uranium, DIS                             | 0.00015 | Energy Lab     | C08010016-004D  | 1/3/2008 E200.8      | T |
|-----------------------------------------------------------------------------------------------------------------|--------|--------------|------------------------------------------|---------|----------------|-----------------|----------------------|---|
| Uranium One Inc.                                                                                                | M-7    |              | Vanadium, DIS                            |         |                | C08010016-004D  | 1/3/2008 E200.8      |   |
| the second se | M-7    | 12/31/2007   |                                          |         |                | C08010016-004D  | 1/3/2008 2200.8      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Gross Alpha, DIS                         |         |                | C08010016-004E  |                      |   |
| Uranium One Inc.<br>Uranium One Inc.                                                                            | M-7    |              | Gross Beta, DIS                          |         |                |                 | 1/3/2008 E900.0      | + |
| Uranium One Inc.                                                                                                | M-7    |              | Radium 226, DIS                          |         |                | C08010016-004E  | 1/3/2008 E900.0      | + |
|                                                                                                                 |        |              |                                          |         |                | C08010016-004E  | 1/3/2008 E903.0      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Radium 228, DIS                          |         |                | C08010016-004E  | 1/3/2008 RA-05       | + |
| Uranium One Inc.                                                                                                |        |              | A/C Balance (± 5), DIS                   |         |                | C08040246-002A  | 4/4/2008 Calculation |   |
| Uranium One Inc.                                                                                                | M-7    |              | Anions, DIS                              |         |                | C08040246-002A  | 4/4/2008 Calculation | + |
| Uranium One Inc.                                                                                                | M-7    |              | Bicarbonate as HCO3, DIS                 |         |                | C08040246-002A  | 4/4/2008 A2320 B     |   |
| Uranium One Inc.                                                                                                | M-7    |              | Carbonate as CO3, DIS                    |         |                | C08040246-002A  | 4/4/2008 A2320 B     |   |
| Uranium One Inc.                                                                                                | M-7    |              | Cations, DIS                             |         |                | C08040246-002A  | 4/4/2008 Calculation |   |
| Uranium One Inc.                                                                                                | M-7    |              | Chloride, DIS                            |         |                | C08040246-002A  | 4/4/2008 A4500-CI B  |   |
| Uranium One Inc.                                                                                                | M-7    |              | Conductivity, DIS                        |         |                | C08040246-002A  | 4/4/2008 A2510 B     |   |
| Uranium One Inc.                                                                                                | M-7    |              | Fluoride, DIS                            |         |                | C08040246-002A  | 4/4/2008 A4500-F C   |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     |                                          |         |                | C08040246-002A  | 4/4/2008 A4500-H B   |   |
| Uranium One Inc.                                                                                                | M-7    |              | Solids, Total Dissolved Calculated, DIS  |         |                | C08040246-002A  | 4/4/2008 Calculation |   |
| Uranium One Inc.                                                                                                | M-7    |              | Solids, Total Dissolved TDS @ 180 C, DIS |         |                | C08040246-002A  | 4/4/2008 A2540 C     |   |
| Uranium One Inc.                                                                                                | M-7    |              | Sulfate, DIS                             |         |                | C08040246-002A  | 4/4/2008 A4500-SO4 E |   |
| Uranium One Inc.                                                                                                | M-7    |              | TDS Balance (0.80 - 1.20), DIS           |         |                | C08040246-002A  | 4/4/2008 Calculation |   |
| Uranium One Inc.                                                                                                | M-7    |              | Nitrogen, Ammonia as N, DIS              |         |                | C08040246-002B  | 4/4/2008 A4500-NH3 G |   |
| Uranium One Inc.                                                                                                | M-7    |              | Nitrogen, Nitrate+Nitrite as N, DIS      |         |                | C08040246-002B  | 4/4/2008 E353.2      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Iron, TOT                                |         |                | C08040246-002C  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Manganese, TOT                           | 0.14    | Energy Lab     | C08040246-002C  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Aluminum, DIS                            | -0.1    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Arsenic, DIS                             | -0.001  | Energy Lab     | C08040246-002D  | 4/4/2008 E200.8      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Barium, DIS                              | 0.1     | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Boron, DIS                               |         |                | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Cadmium, DIS                             | -0.005  | Energy Lab     | C08040246-002D  | 4/4/2008 2200.8      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Calcium, DIS                             | 55      | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Chromium, DIS                            |         |                | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Copper, DIS                              | -0.01   |                | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Iron, DIS                                | 0.28    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Lead, DIS                                | -0.001  | Energy Lab     | C08040246-002D  | 4/4/2008 E200.8      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Magnesium, DIS                           | 6       | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Manganese, DIS                           | 0.14    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Mercury, DIS                             |         |                | C08040246-002D  | 4/4/2008 E200.8      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Molybdenum, DIS                          | -0.1    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Nickel, DIS                              | -0.05   | Energy Lab     | C08040246-002D  | 4/4/2008 E200.8      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Potassium, DIS                           | 3       | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Selenium, DIS                            | -0.001  | Energy Lab     | C08040246-002D  | 4/4/2008 E200.8      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Silica, DIS                              | 13.8    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      |   |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Sodium, DIS                              | 22      | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      | 1 |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Uranium, DIS                             | -0.0003 | Energy Lab     | C08040246-002D  | 4/4/2008 E200.8      | 1 |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Vanadium, DIS                            | -0.1    | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      | 1 |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Zinc, DIS                                | -0.01   | Energy Lab     | C08040246-002D  | 4/4/2008 E200.7      | 1 |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Gross Alpha, DIS                         | 7.5     | Energy Lab     | C08040246-002E  | 4/4/2008 E900.0      | 1 |
| Uranium One Inc.                                                                                                | M-7    | 4/3/2008     | Gross Alpha MDC, DIS                     |         |                | C08040246-002E  | 4/4/2008 E900.0      |   |
| Uranium One Inc.                                                                                                | M-7    |              | Gross Beta, DIS                          |         |                | C08040246-002E  | 4/4/2008 E900.0      | 1 |
| Uranium One Inc.                                                                                                | M-7    |              | Gross Beta MDC, DIS                      |         |                | C08040246-002E  | 4/4/2008 E900.0      | 1 |
| Uranium One Inc.                                                                                                | M-7    |              | Lead 210, DIS                            |         | Energy Lab     | C08040246-002E  | 4/4/2008 E909.0M     | 1 |
| Uranium One Inc.                                                                                                | M-7    |              | Polonium 210, DIS                        |         |                | C08040246-002E  | 4/4/2008 RMO-3008    | 1 |
| Uranium One Inc.                                                                                                | M-7    |              | Radium 226, DIS                          |         |                | C08040246-002E  | 4/4/2008 E903.0      | + |
| Uranium One Inc.                                                                                                | M-7    |              | Radium 226 MDC, DIS                      |         | Energy Lab     | C08040246-002E  | 4/4/2008 E903.0      | 1 |
| Uranium One Inc.                                                                                                | M-7    |              | Radium 228, DIS                          |         |                | C08040246-002E  | 4/4/2008 RA-05       | + |
| Communit Offernic.                                                                                              | Thur i | 1            | J. WOIGHT 220, 010                       |         | LANCI & Y LAND | 1000010210-002E |                      |   |

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|                                                                                                                | 111 2 | 4/9/0000 Deating 000 MDC DID                        | 1.1 Energy Lab    | C08040246-002E  | 4/4/2008 RA-05         |                                       |
|----------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|-------------------|-----------------|------------------------|---------------------------------------|
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Radium 228 MDC, DIS                        |                   |                 |                        |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Thorium 230, DIS                           | 0 Energy Lab      | C08040246-002E  | 4/4/2008 E907.0        |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Lead 210, SUS                              | 26.9 Energy Lab   | C08040246-002F  | 4/4/2008 E909.0M       |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Polonium 210, SUS                          | 1.5 Energy Lab    | C08040246-002F  | 4/4/2008 RMO-3008      |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Radium 226, SUS                            | 1.6 Energy Lab    | C08040246-002F  | 4/4/2008 E903.0        |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Radium 226 MDC, SUS                        | 0.2 Energy Lab    | C08040246-002F  | 4/4/2008 E903.0        |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Thorium 230, SUS                           | 0.5 Energy Lab    | C08040246-002F  | 4/4/2008 E907.0        |                                       |
| Uranium One Inc.                                                                                               | M-7   | 4/3/2008 Uranium, SUS                               | 0.0011 Energy Lab | C08040246-002F  | 4/4/2008 E200.8        |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 A/C Balance (± 5), DIS                   | 4.66 Energy Lab   | C07121289-001A  | 12/31/2007 Calculation |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Anions, DIS                              | 2.5 Energy Lab    | C07121289-001A  | 12/31/2007 Calculation |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Bicarbonate as HCO3, DIS                 | 111 Energy Lab    | C07121289-001A  | 12/31/2007 A2320 B     |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Carbonate as CO3, DIS                    | -1 Energy Lab     | C07121289-001A  | 12/31/2007 A2320 B     |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Cations, DIS                             | 2.74 Energy Lab   | C07121289-001A  | 12/31/2007 Calculation |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Chloride, DIS                            | 5 Energy Lab      | C07121289-001A  | 12/31/2007 A4500-CI B  |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Conductivity, DIS                        | 236 Energy Lab    | C07121289-001A  | 12/31/2007 A2510 B     |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Fluoride, DIS                            | 0.3 Energy Lab    | C07121289-001A  | 12/31/2007 A4500-F C   |                                       |
|                                                                                                                |       | 12/28/2007 pH, DIS                                  | 8.22 Energy Lab   | C07121289-001A  | 12/31/2007 A4500-H B   | <u>↓</u>                              |
| Uranium One Inc.                                                                                               | M-8   |                                                     |                   |                 |                        |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Solids, Total Dissolved Calculated, DIS  | 165 Energy Lab    | C07121289-001A  | 12/31/2007 Calculation |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Solids, Total Dissolved TDS @ 180 C, DIS | 159 Energy Lab    | C07121289-001A  | 12/31/2007 A2540 C     |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Sulfate, DIS                             | 26 Energy Lab     | C07121289-001A  | 12/31/2007 A4500-SO4 E |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 TDS Balance (0.80 - 1.20), DIS           | 0.96 Energy Lab   | C07121289-001A  | 12/31/2007 Calculation |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Nitrogen, Ammonia as N, DIS              | 0.1 Energy Lab    | C07121289-001B  | 12/31/2007 A4500-NH3 G |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1 Energy Lab   | C07121289-001B  | 12/31/2007 E353.2      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Iron, TOT                                | -0.03 Energy Lab  | C07121289-001C  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Manganese, TOT                           | -0.01 Energy Lab  | C07121289-001C  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Aluminum, DIS                            | -0.1 Energy Lab   | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Arsenic, DIS                             | 0.014 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007  Barium, DIS                             | 0.1 Energy Lab    | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Boron, DIS                               | -0.1 Energy Lab   | C07121289-001D  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Cadmium, DIS                             | -0.005 Energy Lab | C07121289-001D  | 12/31/2007 E200.8      | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Calcium, DIS                             | 24 Energy Lab     | C07121289-001D  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Chromium, DIS                            | -0.05 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      | f                                     |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Copper, DIS                              | -0.01 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Iron, DIS                                | 0.03 Energy Lab   | C07121289-001D  | 12/31/2007 E200.7      |                                       |
|                                                                                                                |       | 12/28/2007 Lead, DIS                                | 0.001 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   |                                                     |                   | C07121289-001D  | 12/31/2007 E200.7      | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Magnesium, DIS                           | 3 Energy Lab      |                 | 12/31/2007 E200.8      | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Manganese, DIS                           | -0.01 Energy Lab  | C07121289-001D  |                        |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Mercury, DIS                             | -0.001 Energy Lab | C07121289-001D  | 12/31/2007 E200.8      | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Molybdenum, DIS                          | -0.1 Energy Lab   | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Nickel, DIS                              | -0.05 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Potassium, DIS                           | 6 Energy Lab      | C07121289-001D  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Selenium, DIS                            | -0.001 Energy Lab | C07121289-001D  | 12/31/2007 E200.8      | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Silica, DIS                              | 20.7 Energy Lab   | C07121289-001D  | 12/31/2007 E200.7      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Sodium, DIS                              | 26 Energy Lab     | C07121289-001D  | 12/31/2007 E200.7      | <u></u>                               |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Uranium, DIS                             | 0.0015 Energy Lab | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Vanadium, DIS                            | -0.1 Energy Lab   | C07121289-001D  | 12/31/2007 E200.8      |                                       |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Zinc, DIS                                | -0.01 Energy Lab  | C07121289-001D  | 12/31/2007 E200.8      | · · ·                                 |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Gross Alpha, DIS                         | 10.8 Energy Lab   | C07121289-001E  | 12/31/2007 E900.0      | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Gross Beta, DIS                          | 14.1 Energy Lab   | C07121289-001E  | 12/31/2007 E900.0      | 1                                     |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Radium 226, DIS                          | 4.1 Energy Lab    | C07121289-001E  | 12/31/2007 E903.0      | 1                                     |
| Uranium One Inc.                                                                                               | M-8   | 12/28/2007 Radium 228, DIS                          | 4.3 Energy Lab    | C07121289-001E  | 12/31/2007 RA-05       | 1                                     |
| Uranium One Inc.                                                                                               | M-8   | 4/3/2008 A/C Balance (± 5), DIS                     | 0.804 Energy Lab  | C08040246-003A  | 4/4/2008 Calculation   | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 4/3/2008 Anions, DIS                                | 2.59 Energy Lab   | C08040246-003A  | 4/4/2008 Calculation   | <u> </u>                              |
| the second s |       |                                                     | 111 Energy Lab    | C08040246-003A  | 4/4/2008 A2320 B       | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 4/3/2008 Bicarbonate as HCO3, DIS                   |                   | C08040246-003A  | 4/4/2008 A2320 B       | <u> </u>                              |
| Uranium One Inc.                                                                                               | M-8   | 4/3/2008 Carbonate as CO3, DIS                      | -1 Energy Lab     | 1000040240-003A | 4/4/2000jn2320 D       |                                       |

| Uranium One Inc.                     | IM-8       | 4/3/2008   | Cations, DIS                             | 2.55   | Energy Lab               | C08040246-003A                   | 4/4/2008 Calculation                | r                            |
|--------------------------------------|------------|------------|------------------------------------------|--------|--------------------------|----------------------------------|-------------------------------------|------------------------------|
| Uranium One Inc.                     | M-8        |            | Chloride, DIS                            |        |                          | C08040246-003A                   | 4/4/2008 A4500-CI B                 |                              |
| Uranium One Inc.                     | M-B        |            | Conductivity, DIS                        |        |                          | C08040246-003A                   | 4/4/2008 A2510 B                    |                              |
| Uranium One Inc.                     | M-8        |            | Fluoride, DIS                            |        |                          | C08040246-003A                   | 4/4/2008 A4500-F C                  |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   |                                          |        |                          | C08040246-003A                   | 4/4/2008 A4500-H B                  |                              |
| Uranium One Inc.                     | M-8        |            | Solids, Total Dissolved Calculated, DIS  |        |                          | C08040246-003A                   | 4/4/2008 Calculation                |                              |
| Uranium One Inc.                     | M-8        |            | Solids, Total Dissolved TDS @ 180 C, DIS |        |                          | C08040246-003A                   | 4/4/2008 A2540 C                    |                              |
| Uranium One Inc.                     | M-8        |            | Sulfate, DIS                             |        |                          | C08040246-003A                   | 4/4/2008 A4500-SO4 E                |                              |
| Uranium One Inc.                     | M-8        |            | TDS Balance (0.80 - 1.20), DIS           |        |                          | C08040246-003A                   | 4/4/2008 Calculation                |                              |
| Uranium One Inc.                     | M-8        |            | Nitrogen, Ammonia as N, DIS              |        |                          | C08040246-003B                   | 4/4/2008 A4500-NH3 G                |                              |
| Uranium One Inc.                     | M-8        |            | Nitrogen, Nitrate+Nitrite as N, DIS      |        |                          | C08040246-003B                   | 4/4/2008 E353.2                     |                              |
| Uranium One Inc.                     | M-8        |            | Iron, TOT                                |        |                          | C08040246-003C                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Manganese, TOT                           |        |                          | C08040246-003C                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Aluminum, DIS                            |        |                          | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Arsenic, DIS                             | 0.014  |                          | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Barium, DIS                              |        |                          | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Boron, DIS                               | -0.1   | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Cadmium, DIS                             | -0.005 |                          | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Calcium, DIS                             |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Chromium, DIS                            | -0.05  |                          | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Copper, DIS                              | -0.01  | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Iron, DIS                                | -0.03  | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Lead, DIS                                | -0.001 | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Magnesium, DIS                           | 2      | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Manganese, DIS                           | -0.01  | Energy Lab               | CD8040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Mercury, DIS                             | -0.001 | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Molybdenum, DIS                          | -0.1   | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Nickel, DIS                              | -0.05  | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Potassium, DIS                           |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        | 4/3/2008   | Selenium, DIS                            | -0.001 | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        |            | Silica, DIS                              | 18.8   | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Sodium, DIS                              |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Uranium, DIS                             |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.8                     |                              |
| Uranium One Inc.                     | M-8        |            | Vanadium, DIS                            |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Zinc, DIS                                |        | Energy Lab               | C08040246-003D                   | 4/4/2008 E200.7                     |                              |
| Uranium One Inc.                     | M-8        |            | Gross Alpha, DIS                         |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E900.0                     |                              |
| Uranium One Inc.                     | M-8        |            | Gross Alpha MDC, DIS                     |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E900.0                     |                              |
| Uranium One Inc.                     | M-8        |            | Gross Beta, DIS                          |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E900.0                     |                              |
| Uranium One Inc.                     | M-8        |            | Gross Beta MDC, DIS                      |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E900.0                     |                              |
| Uranium One Inc.                     | M-8        |            | Lead 210, DIS                            |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E909.0M                    |                              |
| Uranium One Inc.                     | M-8        |            | Polonium 210, DIS                        |        | Energy Lab               | C08040246-003E                   | 4/4/2008 RMO-3008                   | <u>├</u>                     |
| Uranium One Inc.                     | M-8        |            | Radium 226, DIS                          |        | Energy Lab               | C08040246-003E                   | 4/4/2008 E903.0                     | <u></u>                      |
| Uranium One Inc.                     | M-8        |            | Radium 226 MDC, DIS                      | 0.21   | Energy Lab               | C08040246-003E                   | 4/4/2008 E903.0                     | }                            |
| Uranium One Inc.                     | M-8        |            | Radium 228, DIS                          |        | Energy Lab               | C08040246-003E                   | 4/4/2008 RA-05<br>4/4/2008 RA-05    | ┟╌┈╾╾╴╴╴                     |
| Uranium One Inc.                     | M-8        |            | Radium 228 MDC, DIS                      |        | Energy Lab               |                                  |                                     |                              |
| Uranium One Inc.                     | M-8<br>M-8 |            | Thorium 230, DIS<br>Lead 210, SUS        |        | Energy Lab<br>Energy Lab | C08040246-003E<br>C08040246-003F | 4/4/2008 E907.0<br>4/4/2008 E909.0M |                              |
| Uranium One Inc.<br>Uranium One Inc. | M-8        |            | Polonium 210, SUS                        |        | Energy Lab               | C08040246-003F                   | 4/4/2008 RMO-3008                   | ┟ <u>····</u>                |
|                                      | M-8        |            | Radium 226, SUS                          |        | Energy Lab               | C08040246-003F                   | 4/4/2008 E903.0                     | h                            |
| Uranium One Inc.                     | M-8        |            | Radium 226, SUS                          |        | Energy Lab               | C08040246-003F                   | 4/4/2008 E903.0                     | <u> </u>                     |
| Uranium One Inc.<br>Uranium One Inc. | M-8        |            | Thorium 230, SUS                         |        | Energy Lab               | C08040246-003F                   | 4/4/2008 E903.0                     |                              |
| Uranium One Inc.                     | M-8        |            | Uranium, SUS                             |        | Energy Lab               | C08040246-003F                   | 4/4/2008 2307.0                     |                              |
| Uranium One Inc.                     | M-9        |            | A/C Balance (± 5), DIS                   |        | Energy Lab               | C07121289-002A                   | 12/31/2007 Calculation              | <u> </u>                     |
| Uranium One Inc.                     | M-9        |            | Anions, DIS                              |        | Energy Lab               | C07121289-002A                   | 12/31/2007 Calculation              | +                            |
| Uranium One Inc.                     | M-9        |            | Bicarbonate as HCO3, DIS                 |        | Energy Lab               | C07121289-002A                   | 12/31/2007 A2320 B                  | <del>┟╸╺╶╸╸</del> ╴╴╴╴╴╴╴╴╴╴ |
| Uranum Une mc.                       | Tuu-9      | 12/20/2007 |                                          | [49    | LUCIEN LAD               | 1001 12 1200-0021                | 1 120 12001 12020 0                 | <u> </u>                     |



| Uranium One Inc. | M-9        | 12/28/2007 Carbonate as CO3, DIS                    | 1                                      | Energy Lab | C07121289-002A | 12/31/2007 A2320 B     | T                                             |
|------------------|------------|-----------------------------------------------------|----------------------------------------|------------|----------------|------------------------|-----------------------------------------------|
| Uranium One Inc. | M-9        | 12/28/2007 Cations, DIS                             |                                        | Energy Lab | C07121289-002A | 12/31/2007 Calculation |                                               |
|                  | M-9        | 12/28/2007 Chloride, DIS                            |                                        | Energy Lab |                |                        | ·                                             |
| Uranium One Inc. |            |                                                     |                                        |            | C07121289-002A | 12/31/2007 A4500-CI B  | <u> </u>                                      |
| Uranium One Inc. | M-9        | 12/28/2007 Conductivity, DIS                        |                                        | Energy Lab | C07121289-002A | 12/31/2007 A2510 B     | +                                             |
| Uranium One Inc. | M-9        | 12/28/2007 Fluoride, DIS                            |                                        | Energy Lab | C07121289-002A | 12/31/2007 A4500-F C   |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 pH, DIS                                  |                                        | Energy Lab | C07121289-002A | 12/31/2007 A4500-H B   |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Solids, Total Dissolved Calculated, DIS  |                                        | Energy Lab | C07121289-002A | 12/31/2007 Calculation |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Solids, Total Dissolved TDS @ 180 C, DIS | 278                                    | Energy Lab | C07121289-002A | 12/31/2007 A2540 C     |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Sulfate, DIS                             | 86                                     | Energy Lab | C07121289-002A | 12/31/2007 A4500-SO4 E |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 TDS Balance (0.80 - 1.20), DIS           | 1.01                                   | Energy Lab | C07121289-002A | 12/31/2007 Calculation |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Nitrogen, Ammonia as N, DIS              | 0.1                                    | Energy Lab | C07121289-002B | 12/31/2007 A4500-NH3 G |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1                                   | Energy Lab | C07121289-002B | 12/31/2007 E353.2      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Iron, TOT                                | -0.03                                  | Energy Lab | C07121289-002C | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Manganese, TOT                           |                                        | Energy Lab | C07121289-002C | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Aluminum, DIS                            |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Arsenic, DIS                             |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Barium, DIS                              |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Boron, DIS                               |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.7      | <u>                                      </u> |
| Uranium One Inc. | M-9        | 12/28/2007 Cadmium, DIS                             |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      | +                                             |
| Uranium One Inc. | M-9        | 12/28/2007 Calcium, DIS                             |                                        |            |                |                        |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Chromium, DIS                            |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.7      | <u> </u>                                      |
|                  |            |                                                     |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Copper, DIS                              |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Iron, DIS                                |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Lead, DIS                                |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | <u>M-9</u> | 12/28/2007 Magnesium, DIS                           |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.7      | <u>``</u>                                     |
| Uranium One Inc. | M-9        | 12/28/2007 Manganese, DIS                           |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Mercury, DIS                             |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Molybdenum, DIS                          | -0.1                                   | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Nickel, DIS                              | -0.05                                  | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Potassium, DIS                           | 4                                      | Energy Lab | C07121289-002D | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Selenium, DIS                            | -0.001                                 | Energy Lab | C07121289-002D | 12/31/2007 E200.8      | 1                                             |
| Uranium One Inc. | M-9        | 12/28/2007 Silica, DIS                              | 18.5                                   | Energy Lab | C07121289-002D | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Sodium, DIS                              | 21                                     | Energy Lab | C07121289-002D | 12/31/2007 E200.7      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Uranium, DIS                             |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Vanadium, DIS                            |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      |                                               |
| Uranium One Inc. | M-9        | 12/28/2007 Zinc, DIS                                |                                        | Energy Lab | C07121289-002D | 12/31/2007 E200.8      | ·····                                         |
| Uranium One Inc. | M-9        | 12/28/2007 Gross Alpha, DIS                         |                                        | Energy Lab | C07121289-002E | 12/31/2007 E900.0      | <u> </u>                                      |
| Uranium One Inc. | M-9        | 12/28/2007 Gross Beta, DIS                          |                                        | Energy Lab | C07121289-002E | 12/31/2007 E900.0      | 1                                             |
| Uranium One Inc. | M-9        | 12/28/2007 Radium 226, DIS                          |                                        | Energy Lab | C07121289-002E | 12/31/2007 E903.0      | <u>+</u>                                      |
| Uranium One Inc. | M-9        | 12/28/2007 Radium 228, DIS                          |                                        | Energy Lab | C07121289-002E | 12/31/2007 RA-05       |                                               |
|                  | M-9<br>M-9 | 3/28/2008 A/C Balance (± 5), DIS                    |                                        | Energy Lab | C08031238-001A | 3/29/2008 Calculation  |                                               |
| Uranium One Inc. |            |                                                     | 0.413                                  | Energy Lab |                |                        |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Anions, DIS                               |                                        | Energy Lab | C08031238-001A | 3/29/2008 Calculation  |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Bicarbonate as HCO3, DIS                  |                                        | Energy Lab | C08031238-001A | 3/29/2008 A2320 B      |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Carbonate as CO3, DIS                     |                                        | Energy Lab | C08031238-001A | 3/29/2008 A2320 B      |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Cations, DIS                              |                                        | Energy Lab | C08031238-001A | 3/29/2008 Calculation  | <u></u>                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Chloride, DIS                             |                                        | Energy Lab | C08031238-001A | 3/29/2008 A4500-CI B   | <u></u>                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Conductivity, DIS                         |                                        | Energy Lab | C08031238-001A | 3/29/2008 A2510 B      | <u> </u>                                      |
| Uranium One Inc. | M-9        | 3/28/2008 Fluoride, DIS                             |                                        | Energy Lab | C08031238-001A | 3/29/2008 A4500-F C    | · · · · · · · · · · · · · · · · · · ·         |
| Uranium One Inc. | M-9        | 3/28/2008 pH, DIS                                   |                                        | Energy Lab | C08031238-001A | 3/29/2008 A4500-H B    |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Solids, Total Dissolved Calculated, DIS   |                                        | Energy Lab | C08031238-001A | 3/29/2008 Calculation  |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Solids, Total Dissolved TDS @ 180 C, DIS  |                                        | Energy Lab | C08031238-001A | 3/29/2008 A2540 C      |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Sulfate, DIS                              |                                        | Energy Lab | C08031238-001A | 3/29/2008 A4500-SO4 E  |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 TDS Balance (0.80 - 1.20), DIS            |                                        | Energy Lab | C08031238-001A | 3/29/2008 Calculation  |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Nitrogen, Ammonia as N, DIS               |                                        | Energy Lab | C08031238-001B | 3/29/2008 A4500-NH3 G  |                                               |
| Uranium One Inc. | M-9        | 3/28/2008 Nitrogen, Nitrate+Nitrite as N, DIS       |                                        | Energy Lab | C08031238-001B | 3/29/2008 E353.2       |                                               |
|                  |            |                                                     | ······································ |            |                |                        |                                               |

| Uranium One Inc. | M-9        | 3/28/2008 Iron, TOT                                 | -0.03 Energy Lab  | C08031238-001C                   | 3/29/2008 E200.7                     | <del></del>                           |
|------------------|------------|-----------------------------------------------------|-------------------|----------------------------------|--------------------------------------|---------------------------------------|
| Uranium One Inc. | M-9        | 3/28/2008 Manganese, TOT                            | -0.01 Energy Lab  | C08031238-001C                   | 3/29/2008 E200.7                     | <u></u>                               |
| Uranium One Inc. | M-9        | 3/28/2008 Aluminum, DIS                             | -0.1 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.7                     | ┟╌┈╼╼╌╶╼╼╴┤                           |
| Uranium One Inc. | M-9        | 3/28/2008 Arsenic, DIS                              | 0.003 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.8                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Barium, DIS                               | -0.1 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.8                     | <b> </b>                              |
| Uranium One Inc. | M-9        | 3/28/2008 Boron, DIS                                | -0.1 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.7                     | [                                     |
| Uranium One Inc. | M-9        | 3/28/2008 Cadmium, DIS                              | -0.005 Energy Lab | C08031238-001D                   | 3/29/2008 E200.8                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Calcium, DIS                              | 65 Energy Lab     | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Chromium, DIS                             | -0.05 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Copper, DIS                               | -0.01 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 (iron, DIS                                | -0.03 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/26/2008 Lead, DIS                                 | OOO1 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.8                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Magnesium, DIS                            | 2 Energy Lab      | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Manganese, DIS                            | -0.01 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
|                  |            | 3/28/2008 Mercury, DIS                              | -0.001 Energy Lab | C08031238-001D                   | 3/29/2008 E200.8                     | ┟╶╶┈╸╸╴╴╧┅╾╴╴┈┲╸╴╶╌┥                  |
| Uranium One Inc. | M-9<br>M-9 | 3/28/2008 Molybdenum, DIS                           |                   | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Nickel, DIS                               | -0.1 Energy Lab   | C08031238-001D                   |                                      | <u></u>                               |
| Uranium One Inc. |            |                                                     | -0.05 Energy Lab  |                                  | 3/29/2008 E200.8                     | ┟╾╌╴╾╍╌╴╴╴╸╸╸╴╴┥                      |
| Uranium One Inc. | M-9        | 3/28/2008 Potassium, DIS<br>3/28/2008 Selenium, DIS | 5 Energy Lab      | C08031238-001D<br>C08031238-001D | 3/29/2008 E200.7<br>3/29/2008 E200.8 | <u> </u>                              |
| Uranium One Inc. | M-9        |                                                     | -0.001 Energy Lab |                                  |                                      |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Silica, DIS                               | 17.7 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Sodium, DIS                               | 23 Energy Lab     | C08031238-001D                   | 3/29/2008 E200.7                     | <u></u>                               |
| Uranium One Inc. | M-9        | 3/28/2008 Uranium, DIS                              | 0.016 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.8                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Vanadium, DIS                             | -0.1 Energy Lab   | C08031238-001D                   | 3/29/2008 E200.7                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Zinc, DIS                                 | -0.01 Energy Lab  | C08031238-001D                   | 3/29/2008 E200.7                     | <u></u>                               |
| Uranium One Inc. | M-9        | 3/28/2008 Gross Alpha, DIS                          | 20.6 Energy Lab   | C08031238-001E                   | 3/29/2008 E900.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Gross Alpha MDC, DIS                      | 2.1 Energy Lab    | C08031238-001E                   | 3/29/2008 E900.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Gross Beta, DIS                           | 20.3 Energy Lab   | C08031238-001E                   | 3/29/2008 E900.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Gross Beta MDC, DIS                       | 2.6 Energy Lab    | C08031238-001E                   | 3/29/2008 E900.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Lead 210, DIS                             | 19.6 Energy Lab   | C08031238-001E                   | 3/29/2008 E909.0M                    |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Polonium 210, DIS                         | 2.3 Energy Lab    | C08031238-001E                   | 3/29/2008 RMO-3008                   |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 226, DIS                           | 5.2 Energy Lab    | C08031238-001E                   | 3/29/2008 E903.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 226 MDC, DIS                       | 0.08 Energy Lab   | C08031238-001E                   | 3/29/2008 E903.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 228, DIS                           | 6.8 Energy Lab    | C08031238-001E                   | 3/29/2008 RA-05                      | <u> </u>                              |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 228 MDC, DIS                       | 1.1 Energy Lab    | C08031238-001E                   | 3/29/2008 RA-05                      |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Thorium 230, DIS                          | 0.5 Energy Lab    | C08031238-001E                   | 3/29/2008 E907.0                     | <u> </u>                              |
| Uranium One Inc. | M-9        | 3/28/2008 Lead 210, SUS                             | 4.9 Energy Lab    | C08031238-001F                   | 3/29/2008 E909.0M                    | <b></b>                               |
| Uranium One Inc. | M-9        | 3/28/2008 Polonium 210, SUS                         | 2.2 Energy Lab    | C08031238-001F                   | 3/29/2008 RMO-3008                   |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 226, SUS                           | 0.8 Energy Lab    | C08031238-001F                   | 3/29/2008 E903.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Radium 226 MDC, SUS                       | 0.4 Energy Lab    | C08031238-001F                   | 3/29/2008 E903.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Thorium 230, SUS                          | 0.8 Energy Lab    | C08031238-001F                   | 3/29/2008 E907.0                     |                                       |
| Uranium One Inc. | M-9        | 3/28/2008 Uranium, SUS                              | 0.0016 Energy Lab | C08031238-001F                   | 3/29/2008 E200.8                     |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 A/C Balance (± 5), DIS                     | 10.5 Energy Lab   | C08040387-005A                   | 4/8/2008 Calculation                 | <u> </u>                              |
| Uranium One Inc. | M-10       | 4/7/2008 Anions, DIS                                | 3.11 Energy Lab   | C08040387-005A                   | 4/8/2008 Calculation                 | <u></u>                               |
| Uranium One Inc. | M-10       | 4/7/2008 Bicarbonate as HCO3, DIS                   | 115 Energy Lab    | C08040387-005A                   | 4/8/2008 A2320 B                     | <u>+</u>                              |
| Uranium One Inc. | M-10       | 4/7/2008 Carbonate as CO3, DIS                      | -1 Energy Lab     | C08040387-005A                   | 4/8/2008 A2320 B                     | <b>↓</b>                              |
| Uranium One Inc. | M-10       | 4/7/2008 Cations, DIS                               | 3.84 Energy Lab   | C08040387-005A                   | 4/8/2008 Calculation                 | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | M-10       | 4/7/2008 Chloride, DIS                              | -1 Energy Lab     | C08040387-005A                   | 4/8/2008 A4500-CI B                  | L                                     |
| Uranium One Inc. | M-10       | 4/7/2008 Conductivity, DIS                          | 328 Energy Lab    | C08040387-005A                   | 4/8/2008 A2510 B                     |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 Fluoride, DIS                              | 0.1 Energy Lab    | C08040387-005A                   | 4/8/2008 A4500-F C                   | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | M-10       | 4/7/2008 pH, DIS                                    | 7.67 Energy Lab   | C08040387-005A                   | 4/8/2008 A4500-H B                   |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 Solids, Total Dissolved Calculated, DIS    | 208 Energy Lab    | C08040387-005A                   | 4/8/2008 Calculation                 |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 Solids, Total Dissolved TDS @ 180 C, DIS   |                   | C08040387-005A                   | 4/8/2008 A2540 C                     |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 Sulfate, DIS                               | 58 Energy Lab     | C08040387-005A                   | 4/8/2008 A4500-SO4 E                 |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 TDS Balance (0.80 - 1.20), DIS             | 0.97 Energy Lab   | C08040387-005A                   | 4/8/2008 Calculation                 |                                       |
| Uranium One Inc. | M-10       | 4/7/2008 Nitrogen, Ammonia as N, DIS                | 0.1 Energy Lab    | C08040387-005B                   | 4/8/2008 E350.1                      | <u> </u>                              |
|                  |            |                                                     |                   |                                  |                                      |                                       |

|                                                                                                                |              |                                                                      |       |                          |                                  |                                                  | ·····                                  |
|----------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------|-------|--------------------------|----------------------------------|--------------------------------------------------|----------------------------------------|
|                                                                                                                | M-10         | 4/7/2008 Nitrogen, Nitrate+Nitrite as N, DIS                         |       |                          | C08040387-005B                   | 4/8/2008 E353.2                                  | {                                      |
|                                                                                                                | M-10         | 4/7/2008 Iron, TOT                                                   |       | Energy Lab               | C08040387-005C                   | 4/8/2008 E200.7                                  | L                                      |
|                                                                                                                | M-10         | 4/7/2008 Manganese, TOT                                              |       |                          | C08040387-005C                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Aluminum, DIS                                               |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  | <u></u>                                |
|                                                                                                                | M-10         | 4/7/2008 Arsenic, DIS<br>4/7/2008 Barlum, DIS                        |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  | <u> </u>                               |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Boron, DIS                                                  |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                |              |                                                                      |       |                          | C08040387-005D                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Cadmium, DIS<br>4/7/2008 Calcium, DIS                       |       |                          | C08040387-005D<br>C08040387-005D | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10<br>M-10 |                                                                      |       | Energy Lab               |                                  | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                |              | 4/7/2008 Chromium, DIS                                               |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Copper, DIS<br>4/7/2008 Iron, DIS                           |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Lead, DIS                                                   |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.7                                  | <u></u>                                |
|                                                                                                                | M-10         | 4/7/2008 Magnesium, DIS                                              |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                |              |                                                                      |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Manganese, DIS<br>4/7/2008 Mercury, DIS                     |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Mercury, DIS<br>4/7/2008 Molybdenum, DIS                    |       |                          | C08040387-005D<br>C08040387-005D | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Nickel, DIS                                                 |       |                          |                                  | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                |              |                                                                      |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Potassium, DIS                                              |       |                          | C08040387-005D                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Selenium, DIS                                               |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Silica, DIS                                                 |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Sodium, DIS                                                 |       |                          | C08040387-005D                   | 4/8/2008 E200.7                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Uranium, DIS                                                |       | Energy Lab               | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Vanadium, DIS                                               |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  | <u>↓</u>                               |
|                                                                                                                | M-10         | 4/7/2008 Zinc, DIS                                                   |       |                          | C08040387-005D                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Gross Alpha, DIS                                            |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E900.0                                  | · · · · · · · · · · · · · · · · · · ·  |
|                                                                                                                | M-10         | 4/7/2008 Gross Alpha MDC, DIS                                        |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E900.0                                  | f                                      |
|                                                                                                                | M-10         | 4/7/2008 Gross Beta, DIS                                             |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E900.0                                  |                                        |
|                                                                                                                | M-10<br>M-10 | 4/7/2008 Gross Beta MDC, DIS<br>4/7/2008 Lead 210, DIS               |       | Energy Lab<br>Energy Lab | C08040387-005E<br>C08040387-005E | 4/8/2008 E900.0<br>4/8/2008 E909.0M              | Value is a negative value, not a limit |
|                                                                                                                | M-10         | 4/7/2008 Polonium 210, DIS                                           |       |                          | C08040387-005E                   | 4/8/2008 RMO-3008                                | value is a negative value, not a mint  |
| the second s | M-10         |                                                                      |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E903.0                                  | +                                      |
|                                                                                                                | M-10         | 4/7/2008 Radium 226, DIS<br>4/7/2008 Radium 226 MDC, DIS             |       |                          | C08040387-005E                   | 4/8/2008 E903.0                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Radium 228, DIS                                             |       |                          | C08040387-005E                   | 4/8/2008 RA-05                                   |                                        |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Radium 228 MDC, DIS                                         |       | Energy Lab               | C08040387-005E                   | 4/8/2008 RA-05                                   |                                        |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Thorium 230, DIS                                            |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E907.0                                  | +                                      |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Lead 210, SUS                                               |       | Energy Lab               | C08040387-005E                   | 4/8/2008 E909.0M                                 |                                        |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Polonium 210, SUS                                           |       | Energy Lab               | C08040387-005F                   | 4/8/2008 RMO-3008                                | +                                      |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Radium 226, SUS                                             |       | Energy Lab               | C08040387-005F                   | 4/8/2008 E903.0                                  | +                                      |
|                                                                                                                | M-10         | 4/7/2008 Radium 226 MDC, SUS                                         |       | Energy Lab               | C08040387-005F                   | 4/8/2008 E903.0                                  | +                                      |
| Uranium One Inc.                                                                                               | M-10         | 4/7/2008 Thorium 230, SUS                                            |       | Energy Lab               | C08040387-005F                   | 4/8/2008 E907.0                                  |                                        |
|                                                                                                                | M-10         | 4/7/2008 Uranium, SUS                                                |       | Energy Lab               | C08040387-005F                   | 4/8/2008 E200.8                                  |                                        |
|                                                                                                                | M-10         | 11/27/2007 A/C Balance (± 5), DIS                                    |       | Energy Lab               | C07111109-001A                   | 11/28/2007 Calculation                           | <u> </u>                               |
|                                                                                                                | M-10         | 11/27/2007 Anions, DIS                                               |       | Energy Lab               | C07111109-001A                   | 11/28/2007 Calculation                           | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Bicarbonate as HCO3, DIS                                  |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A2320 B                               |                                        |
|                                                                                                                | M-10         | 11/27/2007 Carbonate as CO3, DIS                                     |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A2320 B                               | ······································ |
|                                                                                                                | M-10         | 11/27/2007 Cations, DIS                                              |       | Energy Lab               | C07111109-001A                   | 11/28/2007 Calculation                           | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Chloride, DIS                                             |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A4500-CI B                            | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Conductivity, DIS                                         |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A2510 B                               | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Fluoride, DIS                                             |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A4500-F C                             | · <del>  </del>                        |
|                                                                                                                | M-10         | 11/27/2007 pH, DIS                                                   |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A4500-H B                             | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Solids, Total Dissolved Calculated, DIS                   |       | Energy Lab               | C07111109-001A                   | 11/28/2007 Calculation                           | +                                      |
|                                                                                                                | M-10         | 11/27/2007 Solids, Total Dissolved Calculated, Dis                   |       | Energy Lab               | C07111109-001A                   | 11/28/2007 A2540 C                               | +                                      |
|                                                                                                                | pm-19        |                                                                      | 1 200 | LUCIEVED                 |                                  |                                                  |                                        |
|                                                                                                                | M.10         |                                                                      | 60    | Energy Lab               | IC07111109-001A                  | 11/28/2007 A4500-SO4 F                           |                                        |
|                                                                                                                | M-10         | 11/27/2007 Sulfate, DIS<br>11/27/2007 TDS Balance (0.80 - 1.20), DIS |       | Energy Lab<br>Energy Lab | C07111109-001A<br>C07111109-001A | 11/28/2007 A4500-SO4 E<br>11/28/2007 Calculation |                                        |

|                            |               |                                                    |        |             | <del></del>     |            |             |                                       |
|----------------------------|---------------|----------------------------------------------------|--------|-------------|-----------------|------------|-------------|---------------------------------------|
| المستحد تصدي مساعلة مشتقصا | M-10          | 11/27/2007 Nitrogen, Ammonia as N, DIS             |        |             | C07111109-001B  |            | A4500-NH3 G |                                       |
|                            | M-10          | 11/27/2007 Nitrogen, Nitrate+Nitrite as N, DIS     |        | Energy Lab  | C07111109-001B  | 11/28/2007 | E353.2      |                                       |
|                            | M-10          | 11/27/2007 Iron, TOT                               | 2.89   | Energy Lab  | C07111109-001C  | 11/28/2007 |             |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Manganese, TOT                          | 0.04   | Energy Lab  | C07111109-001C  | 11/28/2007 | E200.7      |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Aluminum, DIS                           | -0.1   | Energy Lab  | C07111109-001D  | 11/28/2007 | E200.8      |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Arsenic, DIS                            | -0.001 | Energy Lab  | C07111109-001D  | 11/28/2007 | E200.8      |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Barium, DIS                             | -0.1   | Energy Lab  | C07111109-001D  | 11/28/2007 |             | f                                     |
| Energy Metals Corp.        | M-10          | 11/27/2007 Boron, DIS                              | -0,1   | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Cadmium, DIS                            |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | ******                                |
| Energy Metals Corp.        | M-10          | 11/27/2007 Calcium, DIS                            |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | <u>†</u>                              |
| Energy Metals Corp.        | M-10          | 11/27/2007 Chromium, DIS                           |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | <u> </u>                              |
|                            | M-10          | 11/27/2007 Copper, DIS                             |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Iron, DIS                               |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Lead, DIS                               |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | +                                     |
|                            | M-10          | 11/27/2007 Magnesium, DIS                          |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | ·····                                 |
|                            | M-10          | 11/27/2007 Manganese, DIS                          |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Mercury, DIS                            |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | +                                     |
|                            | M-10          | 11/27/2007 Molybdenum, DIS                         |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | f                                     |
|                            | M-10          | 11/27/2007 Nickel, DIS                             | -0.1   | Energy Lab  | C07111109-001D  |            |             | <del>+</del>                          |
|                            | M-10          | 11/27/2007 Potassium, DIS                          |        |             |                 | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Selenium, DIS                           |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | +                                     |
|                            |               |                                                    |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             | ·                                     |
|                            | M-10          | 11/27/2007 Silica, DIS                             |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Sodium, DIS                             |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Uranium, DIS                            |        | Energy Lab  | C07111109-001D  | 11/28/2007 | E200.8      | · · · · · · · · · · · · · · · · · · · |
|                            | M-10          | 11/27/2007 Vanadium, DIS                           |        | Energy Lab  | C07111109-001D  | 11/28/2007 | E200.8      |                                       |
|                            | M-10          | 11/27/2007 Zinc, DIS                               |        | Energy Lab  | C07111109-001D  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Gross Alpha, DIS                        |        | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Gross Beta, DIS                         |        | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Lead 210, DIS                           |        | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Polonium 210, DIS                       |        | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Radium 226, DIS                         |        | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Radium 228, DIS                         | -1     | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
|                            | M-10          | 11/27/2007 Thonium 230, DIS                        | -0.2   | Energy Lab  | C07111109-001E  | 11/28/2007 |             |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Lead 210, SUS                           | 5.3    | Energy Lab  | C07111109-001F  | 11/28/2007 | E909.0M     |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Polonium 210, SUS                       |        | Energy Lab  | C07111109-001F  | 11/28/2007 |             |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Radium 226, SUS                         | 2.8    | Energy Lab  | C07111109-001F  | 11/28/2007 | E903.0      |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Thorium 230, SUS                        |        | Energy Lab  | C07111109-001F  | 11/28/2007 | E907.0      |                                       |
| Energy Metals Corp.        | M-10          | 11/27/2007 Uranium, SUS                            |        | Energy Lab  | C07111109-001F  | 11/28/2007 | E200.8      |                                       |
| Uranium One Inc.           | M-11          | 1/25/2008 A/C Balance (± 5), DIS                   | 3.96   | Energy Lab  | C08011086-001A  | 1/25/2008  | Calculation |                                       |
| Uranium One Inc.           | M-11          | 1/25/2008 Anions, DIS                              |        | Energy Lab  | C08011085-001A  |            | Calculation |                                       |
| Uranium One Inc.           | M-11          | 1/25/2008 Bicarbonate as HCO3, DIS                 | 139    | Energy Lab  | C08011086-001A  | 1/25/2008  |             |                                       |
| Uranium One Inc.           | M-11          | 1/25/2008 Carbonate as CO3, DIS                    | -1     | Energy Lab  | C08011086-001A  | 1/25/2008  |             | 1                                     |
| Uranium One Inc.           | M-11          | 1/25/2008 Cations, DIS                             |        | Energy Lab  | C08011086-001A  | 1/25/2008  | Calculation | 1                                     |
| Uranium One Inc.           | M-11          | 1/25/2008 Chloride, DIS                            |        | Energy Lab  | C08011086-001A  |            | A4500-CI B  | T                                     |
|                            | M-11          | 1/25/2008 Conductivity, DIS                        |        | Energy Lab  | C08011086-001A  | 1/25/2008  |             |                                       |
|                            | M-11          | 1/25/2008 Fluoride, DIS                            |        | Energy Lab  | C08011086-001A  |            | A4500-F C   |                                       |
|                            | M-11          | 1/25/2008 pH, DIS                                  |        | Energy Lab  | C08011086-001A  |            | A4500-H B   | f                                     |
|                            | M-11          | 1/25/2008 Solids, Total Dissolved Calculated, DIS  |        | Energy Lab  | C08011086-001A  |            | Calculation |                                       |
|                            | M-11          | 1/25/2008 Solids, Total Dissolved TDS @ 180 C, DIS |        | Energy Lab  | C08011086-001A  | 1/25/2008  |             | <u> </u>                              |
|                            | M-11          | 1/25/2008 Sulfate, DIS                             |        | Energy Lab  | C08011086-001A  |            | A4500-SO4 E | f=                                    |
|                            | M-11          | 1/25/2008 TDS Balance (0.80 - 1.20), DIS           |        | Energy Lab  | C08011086-001A  |            | Calculation | <u> </u>                              |
|                            | M-11          | 1/25/2008 (Iron, TOT                               |        | Energy Lab  | C08011086-001B  | 1/25/2008  |             | <u> </u>                              |
|                            | M-11          | 1/25/2008 Manganese, TOT                           |        | Energy Lab  | C08011086-001B  | 1/25/2008  |             | <u>+</u>                              |
|                            | M-11          | 1/25/2008 Aluminum, DIS                            |        | Energy Lab  | C08011086-001D  | 1/25/2008  |             | +                                     |
|                            | M-11          | 1/25/2008 Arsenic, DIS                             |        | Energy Lab  | C08011086-001C  | 1/25/2008  |             | <u>∤</u>                              |
| Cranum One mc.             | <u>wi-i i</u> |                                                    | 0.005  | Linergy Lab | 1000011000-0010 | 1/20/2000  | LZ00.0      | <u> </u>                              |

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| Uranium One Inc. | M-11         |           | Barium, DIS                              |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
|------------------|--------------|-----------|------------------------------------------|-------|------------|----------------|-----------|-------------|---------------------------------------|
| Uranium One Inc. | M-11         |           | Boron, DIS                               |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Cadmium, DIS                             |       | Energy Lab | C08011086-001C | 1/25/2008 | E200.8      |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Calcium, DIS                             | 41    | Energy Lab | C08011086-001C | 1/25/2008 | E200.7      |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Chromium, DIS                            | -0.05 | Energy Lab | C08011086-001C | 1/25/2008 | E200.8      |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Copper, DIS                              | -0.01 | Energy Lab | C08011086-001C | 1/25/2008 | E200.8      |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 |                                          |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         |           | Lead, DIS                                |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         |           | Magnesium, DIS                           |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Manganese, DIS                           |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         |           | Mercury, DIS                             |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Molybdenum, DIS                          |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Nickel, DIS                              |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         |           | Potassium, DIS                           |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Selenium, DIS                            |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Silica, DIS                              |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
|                  |              |           | Sodium, DIS                              |       |            | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Uranium, DIS                             |       | Energy Lab | C08011086-001C | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11<br>M-11 |           |                                          |       | Energy Lab |                | 1/25/2008 |             | +                                     |
| Uranium One Inc. |              |           | Vanadium, DIS                            |       | Energy Lab | C08011086-001C |           |             |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 |                                          |       | Energy Lab | C08011086-001C | 1/25/2008 |             | +                                     |
| Uranium One Inc. | M-11         |           | Nitrogen, Ammonia as N, DIS              |       | Energy Lab | C08011086-001D |           | A4500-NH3 G |                                       |
| Uranium One Inc. | M-11         |           | Nitrogen, Nitrate+Nitrite as N, DIS      |       | Energy Lab | C08011086-001D | 1/25/2008 |             | ·                                     |
| Uranium One Inc. | M-11         |           | Gross Alpha, DIS                         |       | Energy Lab | C08011086-001E | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         |           | Gross Beta, DIS                          |       | Energy Lab | C08011086-001E | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Radium 226, DIS                          | 1.3   | Energy Lab | C08011086-001E | 1/25/2008 |             |                                       |
| Uranium One Inc. | M-11         | 1/25/2008 | Radium 228, DIS                          | 8.1   | Energy Lab | C08011086-001E | 1/25/2008 | RA-05       |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | A/C Balance (± 5), DIS                   | 9.9   | Energy Lab | C08040387-002A |           | Calculation |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | Anions, DIS                              | 2.86  | Energy Lab | C08040387-002A |           | Calculation |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | Bicarbonate as HCO3, DIS                 | 123   | Energy Lab | C08040387-002A | 4/8/2008  | A2320 B     |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | Carbonate as CO3, DIS                    | -1    | Energy Lab | C08040387-002A | 4/8/2008  | A2320 B     |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | Cations, DIS                             |       | Energy Lab | C08040387-002A | 4/8/2008  | Calculation |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  | Chloride, DIS                            | 3     | Energy Lab | C08040387-002A | 4/8/2008  | A4500-CI B  |                                       |
| Uranium One Inc. | M-11         |           | Conductivity, DIS                        |       | Energy Lab | C08040387-002A | 4/8/2008  | A2510 B     |                                       |
| Uranium One Inc. | M-11         |           | Fluoride, DIS                            | 0.2   | Energy Lab | C08040387-002A | 4/8/2008  | A4500-F C   |                                       |
| Uranium One Inc. | M-11         | 4/8/2008  |                                          |       | Energy Lab | C08040387-002A | 4/8/2008  | A4500-H B   |                                       |
| Uranium One Inc. | M-11         |           | Solids, Total Dissolved Calculated, DIS  |       | Energy Lab | C08040387-002A | 4/8/2008  | Calculation | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | M-11         |           | Solids, Total Dissolved TDS @ 180 C, DIS |       | Energy Lab | C08040387-002A |           | A2540 C     |                                       |
| Uranium One Inc. | M-11         |           | Sulfate, DIS                             |       | Energy Lab | C08040387-002A |           | A4500-SO4 E | 1                                     |
| Uranium One Inc. | M-11         |           | TDS Balance (0.80 - 1.20), DIS           |       | Energy Lab | C08040387-002A |           | Calculation |                                       |
| Uranium One Inc. | M-11         |           | Nitrogen, Ammonia as N, DIS              |       | Energy Lab | C08040387-002B | 4/8/2005  |             |                                       |
| Uranium One Inc. | M-11         |           | Nitrogen, Nitrate+Nitrite as N, DIS      |       | Energy Lab | C08040387-002B | 4/8/2008  |             |                                       |
| Uranium One Inc. | M-11         | 4/8/2000  | fron, TOT                                |       | Energy Lab | C08040387-002C | 4/8/2008  |             | - <u>+</u>                            |
| Uranium One Inc. | M-11         |           | Manganese, TOT                           |       | Energy Lab | C08040387-002C | 4/8/2008  |             | - <u>+</u>                            |
| Uranium One Inc. | M-11         |           | Aluminum, DIS                            |       | Energy Lab | C08040387-002D | 4/8/2008  |             |                                       |
|                  | M-11         |           | Arsenic, DIS                             |       | Energy Lab | C08040387-002D | 4/8/2008  |             |                                       |
| Uranium One Inc. | M-11         |           | Barium, DIS                              |       | Energy Lab | C08040387-002D | 4/8/2008  |             | _ <u>_</u>                            |
| Uranium One Inc. |              |           |                                          |       | Energy Lab | C08040387-002D | 4/8/2008  |             |                                       |
| Uranium One Inc. | M-11         |           | Boron, DIS                               |       |            | C08040387-002D |           | BE200.8     | - <u>+</u>                            |
| Uranium One Inc. | M-11         |           | Cadmium, DIS                             |       | Energy Lab |                | 4/8/2008  |             |                                       |
| Uranium One Inc. | M-11         |           | Calcium, DIS                             |       | Energy Lab | C08040387-002D |           |             | - <del> </del>                        |
| Uranium One Inc. | M-11         |           | Chromium, DIS                            |       | Energy Lab | C08040387-002D |           | E200.8      |                                       |
| Uranium One Inc. | M-11         |           | Copper, DIS                              |       | Energy Lab | C08040387-002D | 4/8/2008  |             | - <del> </del>                        |
| Uranium One Inc. | M-11         |           | Iron, DIS                                |       | Energy Lab | C08040387-002D | 4/8/2008  |             | ~ <u>}</u>                            |
| Uranium One Inc. | M-11         |           | Lead, DIS                                |       | Energy Lab | C08040387-002D |           | E200.8      | _ <del></del>                         |
| Uranium One Inc. | M-11         |           | Magnesium, DIS                           |       | Energy Lab | C08040387-002D | 4/8/2008  |             |                                       |
| Uranium One Inc. | [M-11        | 4/8/2008  | Manganese, DIS                           | -0.01 | Energy Lab | C08040387-002D | 4/8/2008  | SIE200.8    | _l                                    |

| Uranium One Inc.                     | M-11 | 4/8/2008 Mercury, DIS                                                          | -0.001 Energy Lab                | C08040387-002D                   | 4/8/2008 E200.8                                  | 1                                      |
|--------------------------------------|------|--------------------------------------------------------------------------------|----------------------------------|----------------------------------|--------------------------------------------------|----------------------------------------|
| Uranium One Inc.                     | M-11 | 4/8/2008 Molybdenum, DIS                                                       | -0.1 Energy Lab                  | C08040387-002D                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Nickel, DIS                                                           | -0.05 Energy Lab                 | C08040387-002D                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Potassium, DIS                                                        | 2 Energy Lab                     | C08040387-002D                   | 4/8/2008 E200.7                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Selenium, DIS                                                         | 0.009 Energy Lab                 | C08040387-002D                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Silica, DIS                                                           | 16.4 Energy Lab                  | C08040387-002D                   | 4/8/2008 E200.7                                  | <del> </del>                           |
| Uranium One Inc.                     | M-11 | 4/8/2008 Sodium, DIS                                                           | 19 Energy Lab                    | C08040387-002D                   | 4/8/2008 E200.7                                  | <u> </u>                               |
| Uranium One Inc.                     | M-11 | 4/8/2008 Uranium, DIS                                                          | 0.12 Energy Lab                  | C08040387-002D                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Vanadium, DIS                                                         | -0.1 Energy Lab                  | C08040387-002D                   | 4/8/2008 E200.8                                  | <u>├</u>                               |
| Uranium One Inc.                     | M-11 | 4/8/2008 Zinc, DIS                                                             | -0.01 Energy Lab                 | C08040387-002D                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Gross Alpha, DIS                                                      | 109 Energy Lab                   | C08040387-002E                   | 4/8/2008 E900.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Gross Alpha MDC, DIS                                                  | 1.2 Energy Lab                   | C08040387-002E                   | 4/8/2008 E900.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Gross Beta, DIS                                                       | 28.7 Energy Lab                  | C08040387-002E                   | 4/8/2008 E900.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Gross Beta MDC, DIS                                                   | 2.4 Energy Lab                   | C08040387-002E                   | 4/8/2008 E900.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Lead 210, DIS                                                         | -4.2 Energy Lab                  | C08040387-002E                   | 4/8/2008 E909.0M                                 | Value is a negative value, not a limit |
| Uranium One Inc.                     | M-11 | 4/8/2008 Polonium 210, DIS                                                     | 0.5 Energy Lab                   | C08040387-002E                   | 4/8/2008 RMO-3008                                |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 226, DIS                                                       | 3.8 Energy Lab                   | C08040387-002E                   | 4/8/2008 E903.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 226 MDC, DIS                                                   | 0.17 Energy Lab                  | C08040387-002E                   | 4/8/2008 E903.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 228, DIS                                                       | 2.5 Energy Lab                   | C08040387-002E                   | 4/8/2008 RA-05                                   |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 228 MDC, DIS                                                   | 1 Energy Lab                     | C08040387-002E                   | 4/8/2008 RA-05                                   |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Thorium 230, DIS                                                      | 0 Energy Lab                     | C08040387-002E                   | 4/8/2008 E907.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Lead 210, SUS                                                         | 0 Energy Lab                     | C08040387-002F                   | 4/8/2008 E909.0M                                 |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Polonium 210, SUS                                                     | 0.4 Energy Lab                   | C08040387-002F                   | 4/8/2008 RMO-3008                                |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 226, SUS                                                       | -0.6 Energy Lab                  | C08040387-002F                   | 4/8/2008 E903.0                                  | Value is a negative value, not a limit |
| Uranium One Inc.                     | M-11 | 4/8/2008 Radium 226 MDC, SUS                                                   | 0.7 Energy Lab                   | C08040387-002F                   | 4/8/2008 E903.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Thanum 230, SUS                                                       | 0.1 Energy Lab                   | C08040387-002F                   | 4/8/2008 E907.0                                  |                                        |
| Uranium One Inc.                     | M-11 | 4/8/2008 Uranium, SUS                                                          | -0.0003 Energy Lab               | C08040387-002F                   | 4/8/2008 E200.8                                  |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 A/C Balance (± 5), DIS                                              | 4.9 Energy Lab                   | C07121289-005A                   | 12/31/2007 Calculation                           |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Anions, DIS                                                         | 3.06 Energy Lab                  | C07121289-005A                   | 12/31/2007 Calculation                           |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Bicarbonate as HCO3, DIS                                            | 135 Energy Lab                   | C07121289-005A                   | 12/31/2007 A2320 B                               |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Carbonate as CO3, DIS                                               | -1 Energy Lab                    | C07121289-005A                   | 12/31/2007 A2320 B                               |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Cations, DIS                                                        | 3.37 Energy Lab                  | C07121289-005A                   | 12/31/2007 Calculation                           |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Chloride, DIS                                                       | 5 Energy Lab                     | C07121289-005A                   | 12/31/2007 A4500-CI B                            |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Conductivity, DIS                                                   | 290 Energy Lab                   | C07121289-005A                   | 12/31/2007 A2510 B                               |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Fluoride, DIS                                                       | 0.4 Energy Lab                   | C07121289-005A                   | 12/31/2007 A4500-F C                             |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 pH, DIS                                                             | 8.39 Energy Lab                  | C07121289-005A                   | 12/31/2007 A4500-H B                             | [                                      |
| Uranium One Inc.                     | M-12 | 12/29/2007 Solids, Total Dissolved Calculated, DIS                             | 192 Energy Lab                   | C07121289-005A                   | 12/31/2007 Calculation                           |                                        |
| Uranium One Inc.<br>Uranium One Inc. | M-12 | 12/29/2007 Solids, Total Dissolved TDS @ 180 C, DIS<br>12/29/2007 Sulfate, DIS | 187 Energy Lab                   | C07121289-005A                   | 12/31/2007 A2540 C                               | <u>├────────────────</u>               |
| Uranium One Inc.                     | M-12 | 12/29/2007 TDS Balance (0.80 - 1.20), DIS                                      | 31 Energy Lab<br>0.97 Energy Lab | C07121289-005A<br>C07121289-005A | 12/31/2007 A4500-SO4 E<br>12/31/2007 Calculation | <u> </u>                               |
| Uranium One Inc.                     | M-12 | 12/29/2007 Nitrogen, Ammonia as N, DIS                                         | 0.09 Energy Lab                  | C07121289-005B                   | 12/31/2007 A4500-NH3 G                           |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Nitrogen, Nitrate+Nitrite as N, DIS                                 | -0.1 Energy Lab                  | C07121289-005B                   | 12/31/2007 E353.2                                | <u>├</u> ─────┤                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 (Iron, TOT                                                          | -0.03 Energy Lab                 | C07121289-005C                   | 12/31/2007 E200.7                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Manganese, TOT                                                      | -0.01 Energy Lab                 | C07121289-005C                   | 12/31/2007 E200.7                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Aluminum, DIS                                                       | -0.1 Energy Lab                  | C07121289-005D                   | 12/31/2007 E200.8                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Arsenic, DIS                                                        | 0.007 Energy Lab                 | C07121289-005D                   | 12/31/2007 E200.8                                | ······································ |
| Uranium One Inc.                     | M-12 | 12/29/2007 Barium, DIS                                                         | -0.1 Energy Lab                  | C07121289-005D                   | 12/31/2007 E200.8                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Boron, DIS                                                          | -0.1 Energy Lab                  | C07121289-005D                   | 12/31/2007 E200.7                                | ╎╌╌╾╴╾╶╴┤                              |
| Uranium One Inc.                     | M-12 | 12/29/2007 Cadmium, DIS                                                        | -0.005 Energy Lab                | C07121289-005D                   | 12/31/2007 E200.8                                | <u> </u>                               |
| Uranium One Inc.                     | M-12 | 12/29/2007 Calcium, DIS                                                        | 45 Energy Lab                    | C07121289-005D                   | 12/31/2007 E200.7                                | ······                                 |
| Uranium One Inc.                     | M-12 | 12/29/2007 Chromium, DIS                                                       | -0.05 Energy Lab                 | C07121289-005D                   | 12/31/2007 E200.8                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Copper, DIS                                                         | -0.01 Energy Lab                 | C07121289-005D                   | 12/31/2007 E200.8                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Iron, DIS                                                           | -0.03 Energy Lab                 | C07121289-005D                   | 12/31/2007 E200.7                                | ·                                      |
| Uranium One Inc.                     | M-12 | 12/29/2007 Lead, DIS                                                           | 0.002 Energy Lab                 | C07121289-005D                   | 12/31/2007 E200.8                                |                                        |
| Uranium One Inc.                     | M-12 | 12/29/2007 Magnesium, DIS                                                      | 2 Energy Lab                     | C07121289-005D                   | 12/31/2007 E200.7                                |                                        |
|                                      |      |                                                                                |                                  |                                  |                                                  |                                        |



|                  |      |                                                   |        | 1          |                |            |             |          |
|------------------|------|---------------------------------------------------|--------|------------|----------------|------------|-------------|----------|
| Uranium One Inc. | M-12 | 12/29/2007 Manganese, DIS                         |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Mercury, DIS                           |        | Energy Lab | C07121289-005D | 12/31/2007 | E200.8      |          |
| Uranium One Inc. | M-12 | 12/29/2007 Molybdenum, DIS                        | -0.1   | Energy Lab | C07121289-005D | 12/31/2007 | E200.8      |          |
| Uranium One Inc. | M-12 | 12/29/2007 Nickel, DIS                            |        | Energy Lab | C07121289-005D | 12/31/2007 | E200.8      |          |
| Uranium One Inc. | M-12 | 12/29/2007 Potassium, DIS                         |        | Energy Lab | C07121289-005D | 12/31/2007 | E200.7      |          |
| Uranium One Inc. | M-12 | 12/29/2007 Selenium, DIS                          |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Silica, DIS                            |        | Energy Lab | C07121289-005D | 12/31/2007 |             | ·····    |
| Uranium One Inc. | M-12 | 12/29/2007 Sodium, DIS                            |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Uranium, DIS                           |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
|                  |      |                                                   |        |            |                |            |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Vanadium, DIS                          |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Zinc, DIS                              |        | Energy Lab | C07121289-005D | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Gross Alpha, DIS                       |        | Energy Lab | C07121289-005E | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Gross Beta, DIS                        |        | Energy Lab | C07121289-005E | 12/31/2007 | E900.0      |          |
| Uranium One Inc. | M-12 | 12/29/2007 Radium 226, DIS                        | 204    | Energy Lab | C07121289-005E | 12/31/2007 |             |          |
| Uranium One Inc. | M-12 | 12/29/2007 Radium 228, DIS                        | 2.5    | Energy Lab | C07121289-005E | 12/31/2007 | RA-05       |          |
| Uranium One Inc. | M-12 | 4/7/2008 A/C Balance (± 5), DIS                   |        | Energy Lab | C08040387-001A | 4/8/2008   | Calculation |          |
| Uranium One Inc. | M-12 | 4/7/2008 Anions, DIS                              | 2.63   | Energy Lab | C08040387-001A | 4/8/2008   | Calculation |          |
| Uranium One Inc. | M-12 | 4/7/2008 Bicarbonate as HCO3, DIS                 |        | Energy Lab | C08040387-001A | 4/8/2008   |             | i        |
| Uranium One Inc. | M-12 | 4/7/2008 Carbonate as CO3, DIS                    |        | Energy Lab | C08040387-001A | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Cations, DIS                             |        | Energy Lab | C08040387-001A |            | Calculation | <u> </u> |
| Uranium One Inc. | M-12 | 4/7/2008 Chloride, DIS                            |        | Energy Lab | C08040387-001A |            | A4500-CI B  |          |
| Uranium One Inc. | M-12 | 4/7/2008 Conductivity, DIS                        | 272    | Energy Lab | C08040387-001A |            | A2510 B     |          |
|                  | M-12 | 4/7/2008 Fluoride, DIS                            |        | Energy Lab | C08040387-001A |            | A4500-F C   |          |
| Uranium One Inc. |      | 4/7/2008 (Fidende, DIS<br>4/7/2008 pH, DIS        |        | Energy Lab | C08040387-001A |            | A4500-H B   |          |
| Uranium One Inc. | M-12 |                                                   |        |            |                |            |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Solids, Total Dissolved Calculated, DIS  |        | Energy Lab | C08040387-001A |            | Calculation |          |
| Uranium One Inc. | M-12 | 4/7/2008 Solids, Total Dissolved TDS @ 180 C, DIS |        | Energy Lab | C08040387-001A |            | A2540 C     |          |
| Uranium One Inc. | M-12 | 4/7/2008 Sulfate, DIS                             |        | Energy Lab | C08040387-001A |            | A4500-SO4 E |          |
| Uranium One Inc. | M-12 | 4/7/2008 TDS Balance (0.80 - 1.20), DIS           |        | Energy Lab | C08040387-001A |            | Calculation |          |
| Uranium One Inc. | M-12 | 4/7/2008 Nitrogen, Ammonia as N, DIS              | -0.1   | Energy Lab | C08040387-001B | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Nitrogen, Nitrate+Nitrite as N, DIS      |        | Energy Lab | C08040387-001B | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Iron, TOT                                |        | Energy Lab | C08040387-001C | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Manganese, TOT                           |        | Energy Lab | C08040387-001C | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Aluminum, DIS                            | -0.1   | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Arsenic, DIS                             | 0.005  | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Banum, DIS                               | -0.1   | Energy Lab | C08040387-001D | 4/8/2008   | E200.8      |          |
| Uranium One Inc. | M-12 | 4/7/2008 Boron, DIS                               | -0.1   | Energy Lab | C08040387-001D | 4/8/2008   | E200.7      |          |
| Uranium One Inc. | M-12 | 4/7/2008 Cadmium, DIS                             | -0.005 | Energy Lab | C08040387-001D | 4/8/2008   | E200.8      |          |
| Uranium One Inc. | M-12 | 4/7/2008 Calcium, DIS                             | 39     | Energy Lab | C08040387-001D | 4/8/2008   | E200.7      |          |
| Uranium One Inc. | M-12 | 4/7/2008 Chromium, DIS                            | -0.05  | Energy Lab | C08040387-001D | 4/8/2008   | E200.8      |          |
| Uranium One Inc. | M-12 | 4/7/2008 Copper, DIS                              |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Iron, DIS                                |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Lead, DIS                                |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Magnesium, DIS                           |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Manganese, DIS                           |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Mercury, DIS                             |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Molybdenum, DIS                          |        | Energy Lab | C08040387-001D | 4/8/2008   |             | <u></u>  |
| Uranium One Inc. | M-12 | 4/7/2008 Nickel, DIS                              |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Potassium, DIS                           |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
|                  | M-12 | 4/7/2008 Selenium, DIS                            |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. |      |                                                   |        |            | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Silica, DIS                              | 14.0   | Energy Lab | C08040387-001D | 4/8/2008   |             | {        |
| Uranium One Inc. | M-12 | 4/7/2008 Sodium, DIS                              |        | Energy Lab |                |            |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Uranium, DIS                             |        | Energy Lab | C08040387-001D | 4/8/2008   |             |          |
| Uranium One Inc. | M-12 | 4/7/2008 Vanadium, DIS                            |        | Energy Lab | C08040387-001D | 4/8/2008   |             | <u> </u> |
| Uranium One Inc. | M-12 | 4/7/2008 Zinc, DIS                                |        | Energy Lab | C08040387-001D | 4/8/2008   |             | {        |
| Uranium One Inc. | M-12 | 4/7/2008 Gross Alpha, DIS                         | 443    | Energy Lab | C08040387-001E | 4/8/2008   | 1Ea00'0     | L        |

|                  |        | T 1700000  | 0                                        |       |             | 000040007 0045  | 4/0/0000   | 5000 0      | · · · · · · · · · · · · · · · · · · ·  |
|------------------|--------|------------|------------------------------------------|-------|-------------|-----------------|------------|-------------|----------------------------------------|
| Uranium One Inc. | M-12   |            | Gross Alpha MDC, DIS                     |       | Energy Lab  | C08040387-001E  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   |            | Gross Beta, DIS                          |       | Energy Lab  | C08040387-001E  | 4/8/2008   | E900.0      |                                        |
|                  | M-12   |            | Gross Beta MDC, DIS                      |       | Energy Lab  | C08040387-001E  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   |            | Lead 210, DIS                            |       | Energy Lab  | C08040387-001E  |            | E909.0M     |                                        |
| Uranium One Inc. | M-12   |            | Polonium 210, DIS                        |       | Energy Lab  | C08040387-001E  |            | RMO-3008    |                                        |
| Uranium One Inc. | M-12   |            | Radium 226, DIS                          |       | Energy Lab  | C08040387-001E  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   | 4/7/2008   | Radium 226 MDC, DIS                      | 0.56  | Energy Lab  | C08040387-001E  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   | 4/7/2008   | Radium 228, DIS                          | 3     | Energy Lab  | C08040387-001E  | 4/8/2008   | RA-05       |                                        |
| Uranium One Inc. | M-12   | 4/7/2008   | Radium 228 MDC, DIS                      | 1     | Energy Lab  | C08040387-001E  | 4/8/2008   | RA-05       |                                        |
| Uranium One Inc. | M-12   | 4/7/2008   | Thorium 230, DIS                         | 0     | Energy Lab  | C08040387-001E  | 4/8/2008   | E907.0      |                                        |
| Uranium One Inc. | M-12   | 4/7/2008   | Lead 210, SUS                            | -5    | Energy Lab  | C08040387-001F  | 4/8/2008   | E909.0M     | Value is a negative value, not a limit |
| Uranium One Inc. | M-12   |            | Polonium 210, SUS                        |       | Energy Lab  | C08040387-001F  |            | RMO-3008    |                                        |
| Uranium One Inc. | M-12   |            | Radium 226, SUS                          |       | Energy Lab  | C08040387-001F  | 4/8/2008   | E903.0      |                                        |
| Uranium One Inc. | M-12   |            | Radium 226 MDC, SUS                      |       | Energy Lab  | C08040387-001F  | 4/8/2008   |             | ┟────────────────────────────────────  |
| Uranium One Inc. | M-12   |            | Thorium 230, SUS                         |       | Energy Lab  | C08040387-001F  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   |            | Uranium, SUS                             |       | Energy Lab  | C08040387-001F  | 4/8/2008   |             |                                        |
| Uranium One Inc. | M-12   |            | A/C Balance (± 5), DIS                   |       | Energy Lab  | C07121289-006A  |            | Calculation | +                                      |
| Uranium One Inc. | M-13   |            | Anions, DIS                              |       |             | C07121289-006A  |            | Calculation | ┟╼╌╼╴╼╴╼╴╼╴                            |
|                  |        |            |                                          |       | Energy Lab  |                 |            |             | <u> </u>                               |
| Uranium One Inc. | M-13   |            | Bicarbonate as HCO3, DIS                 |       | Energy Lab  | C07121289-006A  | 12/31/2007 | A2320 B     | <u> </u>                               |
| Uranium One Inc. | M-13   |            | Carbonate as CO3, DIS                    |       | Energy Lab  | C07121289-006A  | 12/31/2007 | A2320 B     | <u> </u>                               |
| Uranium One Inc. | M-13   |            | Cations, DIS                             |       | Energy Lab  | C07121289-006A  |            | Calculation |                                        |
| Uranium One Inc. | M-13   |            | Chloride, DIS                            |       | Energy Lab  | C07121289-006A  |            | A4500-CI B  |                                        |
| Uranium One Inc. | M-13   |            | Conductivity, DIS                        |       | Energy Lab  | C07121289-006A  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Fluonde, DIS                             |       | Energy Lab  | C07121289-006A  |            | A4500-F C   | <u> </u>                               |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006A  |            | A4500-H B   |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | Solids, Total Dissolved Calculated, DIS  | 160   | Energy Lab  | C07121289-006A  |            | Calculation |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | Solids, Total Dissolved TDS @ 180 C, DIS | 156   | Energy Lab  | C07121289-006A  | 12/31/2007 | A2540 C     |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | Sulfate, DIS                             | 31    | Energy Lab  | C07121289-006A  | 12/31/2007 | A4500-SO4 E |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | TDS Balance (0.80 - 1.20), DIS           | 0.98  | Energy Lab  | C07121289-006A  | 12/31/2007 | Calculation |                                        |
| Uranium One Inc. | M-13   |            | Nitrogen, Ammonia as N, DIS              |       | Energy Lab  | C07121289-006B  | 12/31/2007 | A4500-NH3 G |                                        |
| Uranium One Inc. | M-13   |            | Nitrogen, Nitrate+Nitrite as N, DIS      |       | Energy Lab  | C07121289-006B  | 12/31/2007 | E353.2      |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006C  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Manganese, TOT                           |       | Energy Lab  | C07121289-006C  | 12/31/2007 |             | <u></u>                                |
| Uranium One Inc. | M-13   |            | Aluminum, DIS                            |       | Energy Lab  | C07121289-006D  | 12/31/2007 | 1E200.8     |                                        |
| Uranium One Inc. | M-13   |            | Arsenic, DIS                             |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Banum, DIS                               |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | · <del>  </del>                        |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | . <u> </u>                             |
|                  |        |            | Cadmium, DIS                             |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Calcium, DIS                             |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            |                                          |       |             | C07121289-006D  | 12/31/2007 |             | +                                      |
| Uranium One Inc. | M-13   |            | Chromium, DIS                            |       | Energy Lab  |                 | 12/31/2007 |             | +                                      |
| Uranium One Inc. | M-13   |            | Copper, DIS                              |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006D  |            |             | +                                      |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | <u>+</u>                               |
| Uranium One Inc. | M-13   |            | Magnesium, DIS                           |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | <u> </u>                               |
| Uranium One Inc. | M-13   |            | Manganese, DIS                           |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | <u></u>                                |
| Uranium One Inc. | M-13   |            | Mercury, DIS                             |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Molybdenum, DIS                          |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | <u></u>                                |
| Uranium One Inc. | M-13   |            | Nickel, DIS                              |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | Potassium, DIS                           | 3     | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 | Selenium, DIS                            | 0.012 | Energy Lab  | C07121289-006D  | 12/31/2007 | E200.8      |                                        |
| Uranium One Inc. | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006D  | 12/31/2007 | E200.7      |                                        |
| Uranium One Inc. | M-13   |            | Sodium, DIS                              |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Uranium, DIS                             |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
| Uranium One Inc. | M-13   |            | Vanadium, DIS                            |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             |                                        |
|                  | M-13   | 12/29/2007 |                                          |       | Energy Lab  | C07121289-006D  | 12/31/2007 |             | <u> </u>                               |
| Uranium One Inc. | DA1-12 | 12/29/2007 |                                          | -0.01 | Linergy Lab | 1001121203-0000 | 1 2312001  | 1-200.0     |                                        |

|                  | 144.40 |                                                   |       |              | 1007404000 0005 |                      | ·····       |
|------------------|--------|---------------------------------------------------|-------|--------------|-----------------|----------------------|-------------|
| Uranium One Inc. | M-13   | 12/29/2007 Gross Alpha, DIS                       |       | Energy Lab   | C07121289-006E  | 12/31/2007 E900.0    |             |
| Uranium One Inc. | M-13   | 12/29/2007 Gross Beta, DIS                        |       | Energy Lab   | C07121289-006E  | 12/31/2007 E900.0    |             |
| Uranium One Inc. | M-13   | 12/29/2007 Radium 226, DIS                        |       | Energy Lab   | C07121289-006E  | 12/31/2007 E903.0    |             |
| Uranium One Inc. | M-13   | 12/29/2007 Radium 228, DIS                        |       | Energy Lab   | C07121289-006E  | 12/31/2007 RA-05     |             |
| Uranium One Inc. | M-13   | 4/2/2008 A/C Balance (± 5), DIS                   | 2.27  | Energy Lab   | C08040167-003A  | 4/3/2008 Calculation |             |
| Uranium One Inc. | M-13   | 4/2/2008 Anions, DIS                              | 2.83  | Energy Lab   | C08040167-003A  | 4/3/2008 Calculation |             |
| Uranium One Inc. | M-13   | 4/2/2008 Bicarbonate as HCO3, DIS                 |       | Energy Lab   | C08040167-003A  | 4/3/2008 A2320 B     |             |
| Uranium One Inc. | M-13   | 4/2/2008 Carbonate as CO3, DIS                    | -1    | Energy Lab   | C08040167-003A  | 4/3/2008 A2320 B     |             |
| Uranium One Inc. | M-13   | 4/2/2008 Cations, DIS                             | 2.96  | Energy Lab   | C08040167-003A  | 4/3/2008 Calculation |             |
| Uranium One Inc. | M-13   | 4/2/2008 Chloride, DIS                            | 5     | Energy Lab   | C08040167-003A  | 4/3/2008 A4500-CI B  | ·····       |
| Uranium One Inc. | M-13   | 4/2/2008 Conductivity, DIS                        | 264   | Energy Lab   | C08040167-003A  | 4/3/2008 A2510 B     |             |
| Uranium One Inc. | M-13   | 4/2/2008 Fluoride, DIS                            |       | Energy Lab   | C08040167-003A  | 4/3/2008 A4500-F C   |             |
| Uranium One Inc. | M-13   | 4/2/2008 pH, DIS                                  |       | Energy Lab   | C08040167-003A  | 4/3/2008 A4500-H B   |             |
| Uranium One Inc. | M-13   | 4/2/2008 Solids, Total Dissolved Calculated, DIS  |       | Energy Lab   | C08040167-003A  | 4/3/2008 Calculation |             |
| Uranium One Inc. | M-13   | 4/2/2008 Solids, Total Dissolved TDS @ 180 C, DIS |       | Energy Lab   | C08040167-003A  | 4/3/2008 A2540 C     |             |
| Uranium One Inc. | M-13   | 4/2/2008 Sulfate, DIS                             |       | Energy Lab   | C08040167-003A  | 4/3/2008 A4500-SO4 E |             |
| Uranium One Inc. | M-13   | 4/2/2008 TDS Balance (0.80 - 1.20), DIS           |       | Energy Lab   | C08040167-003A  | 4/3/2008 Calculation | <u>+ − </u> |
| Uranium One Inc. | M-13   | 4/2/2008 Nitrogen, Ammonia as N, DIS              |       | Energy Lab   | C08040167-003B  | 4/3/2008 A4500-NH3 G | <u>+</u>    |
| Uranium One Inc. | M-13   | 4/2/2008 Nitrogen, Nitrate+Nitrite as N, DIS      |       | Energy Lab   | C08040167-003B  | 4/3/2008 E353.2      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Iron, TOT                                |       | Energy Lab   | C08040167-003C  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Manganese, TOT                           |       | Energy Lab   | C08040167-003C  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Aluminum, DIS                            |       | Energy Lab   | C08040167-003C  | 4/3/2008 E200.7      | <u> </u>    |
| Uranium One Inc. | M-13   | 4/2/2008 Arsenic, DIS                             |       | Energy Lab   |                 |                      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Barium, DIS                              |       |              | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Boron, DIS                               |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
|                  |        |                                                   |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Cadmium, DIS                             |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Calcium, DIS                             |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Chromium, DIS                            |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Copper, DIS                              | -0.01 | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      | <u></u>     |
| Uranium One Inc. | M-13   | 4/2/2008 Iron, DIS                                | -0.03 | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Lead, DIS                                |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Magnesium, DIS                           |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Manganese, DIS                           |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Mercury, DIS                             |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Molybdenum, DIS                          |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Nickel, DIS                              |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Potassium, DIS                           |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Selenium, DIS                            | 0.012 | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      | 1           |
| Uranium One Inc. | M-13   | 4/2/2008 Silica, DIS                              |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Sodium, DIS                              |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Uranium, DIS                             |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.8      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Vanadium, DIS                            | -0.1  | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Zinc, DIS                                |       | Energy Lab   | C08040167-003D  | 4/3/2008 E200.7      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Gross Alpha, DIS                         | 87.5  | Energy Lab   | C08040167-003E  | 4/3/2008 E900.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Gross Alpha MDC, DIS                     |       | Energy Lab   | C08040167-003E  | 4/3/2008 E900.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Gross Beta, DIS                          |       | Energy Lab   | C08040167-003E  | 4/3/2008 E900.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Gross Beta MDC, DIS                      |       | Energy Lab   | C08040167-003E  | 4/3/2008 E900.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Lead 210, DIS                            |       | Energy Lab   | C08040167-003E  | 4/3/2008 E909.0M     |             |
| Uranium One Inc. | M-13   | 4/2/2008 Polonium 210, DIS                        |       | Energy Lab   | C08040167-003E  | 4/3/2008 RMO-3008    |             |
| Uranium One Inc. | M-13   | 4/2/2008 Radium 226, DIS                          |       | Energy Lab   | C08040167-003E  | 4/3/2008 E903.0      | <u> </u>    |
| Uranium One Inc. | M-13   | 4/2/2008 Radium 226 MDC, DIS                      |       | Energy Lab   | C08040167-003E  | 4/3/2008 E903.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Radium 228, DIS                          |       | Energy Lab   | C08040167-003E  | 4/3/2008 RA-05       |             |
| Uranium One Inc. | M-13   | 4/2/2008 Radium 228 MDC, DIS                      |       | Energy Lab   | C08040167-003E  | 4/3/2008 RA-05       | <u> </u>    |
| Uranium One Inc. | M-13   | 4/2/2008 Thorium 230, DIS                         |       | Energy Lab   | C08040167-003E  | 4/3/2008 E907.0      |             |
| Uranium One Inc. | M-13   | 4/2/2008 Lead 210, SUS                            |       | Energy Lab   | C08040167-003F  | 4/3/2008 E909.0M     |             |
| Loramun One mu.  | 100.10 |                                                   | 02.3  | Lener Ky Lab | T000040101-000L |                      | <u></u>     |



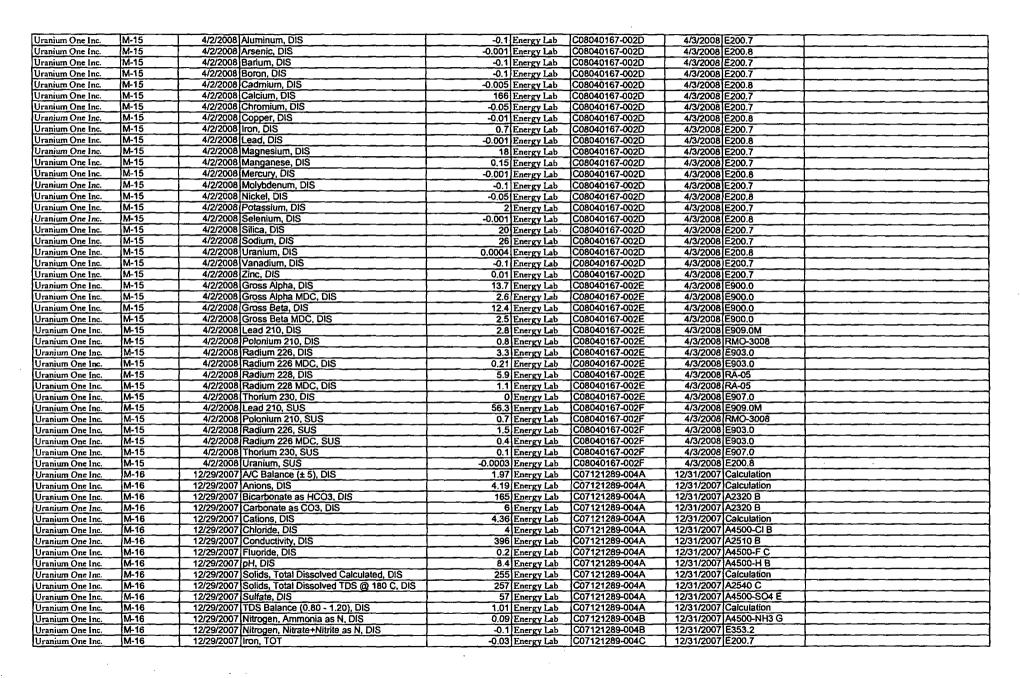
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| Urrainto One. Im.:         Mr.13         44/22008 [Podenium 210, SUS         0.8 [Energy Lab         C08040167-039F         44/22008 [E003.0           Urrainto One. Im.         Mr.13         44/22008 [Radium 226, SUS         0.4 [Energy Lab         C08040167-039F         44/22008 [E003.0           Urrainto One. Im.         Mr.13         44/22008 [Radium 226, SUS         0.4 [Energy Lab         C08040167-039F         44/22008 [E003.0           Urrainto One Im.         Mr.13         44/22008 [Lonoitum, SUS         0.04 [Energy Lab         C08040167-039F         44/22008 [E003.0           Urrainto One Im.         Md.13         44/22008 [Lonoitum, SUS         0.04 [Energy Lab         C08040167-039F         44/22008 [E007.0           Urrainto One Im.         Md.13         44/72008 [Anora, DIS         2.61 [Energy Lab         C08040387-030A         44/82008 [Ealculation           Urrainto One Im.         Md.13         44/72008 [Calculation         2.61 [Energy Lab         C08040387-030A         44/82008 [A300.6           Urrainto One Im.         Md.13         44/72008 [Calculation         2.61 [Energy Lab         C08040387-030A         44/82008 [A300.6           Urrainto One Im.         Md.13         44/72008 [Calculation         2.61 [Energy Lab         C08040387-030A         44/82008 [A300.7           Urrainto One Im.         Md.13         44/72008                                                                         |             |
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| Urnaim One Inc.         M-13         47/27008         Page 200           Urnaim One Inc.         M-13         47/27008         Page 200                                                                                                                                   |             |
| Uranium One Ins.         M-13         44/22008 [Inordum 230, SUS         0.68 [Energy Lab. (2080/0167-003F         4/22008 [E007.0           Uranium One Ins.         MU-13         44/22008 [Inordum 230, SUS         0.064 [Energy Lab. (2080/0387-030A         4/8/22008 [Calculation           Uranium One Ins.         MU-13         44/72008 [Inordum 230, SUS         10.6 [Energy Lab. (2080/0387-030A         4/8/22008 [Calculation           Uranium One Ins.         MU-13         44/72008 [Inordum 230, SUS         2.81 [Energy Lab. (2080/0387-030A         4/8/22008 [Acluation           Uranium One Ins.         MU-13         4/7/22008 [Calculation         4/8/22008 [Calculation         4/8/22008 [Calculation           Uranium One Ins.         MU-13         4/7/22008 [Calculation         1/8/8/2208 [Calculation         4/8/22008 [Acloue Calculation           Uranium One Ins.         MU-13         4/7/22008 [Calculation         1/8/8/2208 [Acloue Calculation         4/8/22008 [Acloue Calculation           Uranium One Ins.         MU-13         4/7/22008 [Calculation         1/8/8/2208 [Acloue Calculation         1/8/8/2208 [Acloue Calculation           Uranium One Ins.         MU-13         4/7/22008 [Saldis, Total Disolved Calculated, DIS         2.2 [Energy Lab. (2080/0387-030A         4/8/2208 [Acloue Calculation           Uranium One Ins.         MU-13         4/7/2208 [Saldis, Total Disolved Calculated, DIS         2.2 |             |
| Urrainto Dn. Inc.         M-13         4/27206 [Uranitm, SUS         0.004 [Encry Lab.         C08040167-033F         4/27206 [actuation           Urrainto Dn. Inc.         MU-13         4/772008 [Anotas, DIS         106 [Encry Lab.         C08040387-033A         4/472008 [actuation           Urrainto Dn. Inc.         MU-13         4/772008 [actornate as HCO3, DIS         114 [Encry Lab.         C08040387-033A         4/472008 [actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Cattornate as HCO3, DIS         12 Encry Lab.         C08040387-033A         4/472008 [Actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Cattornate as HCO3, DIS         323 [Encry Lab.         C08040387-033A         4/472008 [Actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Conductivity, DIS         272 [Encry Lab.         C08040387-033A         4/472008 [Actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Actornate as HCO3, DIS         0.21 Encry Lab.         C08040387-033A         4/472008 [Actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Actornate as HCO3, DIS         0.21 Encry Lab.         C08040387-033A         4/472008 [Actornate as HCO3, DIS           Urrainto Dn. Inc.         MU-13         4/772008 [Actornate as HCO3, DIS         0.21 Encry Lab. <td< td=""><td></td></td<> |             |
| Urmain One Ine.         MU-13         4/72008 [Aroles p.DIS         106 [Energy Lab         C08040387-003A         4/8/2008 [Calculation]           Urmainu One Ine.         MU-13         4/72008 [Picarbonate as HCO3, DIS         211 Energy Lab         C08040387-003A         4/8/2008 [Calculation]           Urmainu One Ine.         MU-13         4/72008 [Picarbonate as HCO3, DIS         112 Energy Lab         C08040387-003A         4/8/2008 [Calculation]           Urmainu One Ine.         MU-13         4/72008 [Calculation]         112 Energy Lab         C08040387-003A         4/8/2008 [Calculation]           Urmainu One Ine.         MU-13         4/72008 [Calculation]         112 Energy Lab         C08040387-003A         4/8/2008 [Calculation]           Urmainu One Ine.         MU-13         4/7/2008 [Calculation]         12 Energy Lab         C08040387-003A         4/8/2008 [A4006 F C           Urmainu One Ine.         MU-13         4/7/2008 [Flootdje, DIS         0.21 Energy Lab         C08040387-003A         4/8/2008 [A4006 F C           Urmainu One Ine.         MU-13         4/7/2008 [Solds, Total Dissolved Calculated, DIS         12 Energy Lab         C08040387-003A         4/8/2008 [A4006 F C           Urmainu One Ine.         MU-13         4/7/2008 [Solds, Total Dissolved Calculated, DIS         12 Energy Lab         C08040387-003A         4/8/2008 [A4006 F C         12 E                                      |             |
| Uranium One Inc.         MU-13         47/2006         Advisor         261         Energy Lab         C08840337-003A         4/8/2008         Colsulation           Uranium One Inc.         MU-13         4/7/2008         Grabonate as HC03, DIS         11         Energy Lab         C08840337-003A         4/8/2008         Advisor           Uranium One Inc.         MU-13         4/7/2008         Cathonate as C03, DIS         323         Energy Lab         C08840337-003A         4/8/2008         Advisor           Uranium One Inc.         MU-13         4/7/2008         Colsulation         323         Energy Lab         C08840337-003A         4/8/2008         Advisor         Energy Lab         C08840337-003A         4/8/2008         Advisor         Energy Lab         C08400387-003A         4/8/2008         <                                                                                                      |             |
| Urnnium One Ins.         MU-13         4/7/2006         Bicarbonate as HCO3, DIS         114         Encry Lab.         C08840337-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2006         Cathonate as CO3, DIS         112 Encry Lab.         C08400337-003A         4/872006         Actionation           Urnaium One Ins.         MU-13         4/7/2006         Cathonate as CO3, DIS         12 Encry Lab.         C08400337-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2008         Conductivity, DIS         12 Encry Lab.         C08400337-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2008         Fibo Astronation         12 Encry Lab.         C08400337-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         12 Encry Lab.         C08400337-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         12 Encry Lab.         C08400387-003A         4/87206         Actionation           Urnaium One Ins.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         2.82         C0                                                                                             |             |
| Urnaimu One Inc.         MU-13         4/7/2008 (Cations as CO.D. DIS         1 Energy Lab         C08940397-003A         4/8/2008         A2320 E           Urnaimu One Inc.         MU-13         4/7/2008 (Cations DIS         3.23         Energy Lab         C08940397-003A         4/8/2008         A4500-C B           Urnaimu One Inc.         MU-13         4/7/2008 (CationWy, DIS         272         Energy Lab         C08940397-003A         4/8/2008         A4500-C B           Urnaimu One Inc.         MU-13         4/7/2008 [AbiOt9         Energy Lab         C08940397-003A         4/8/2008         A4500-F C           Urnaimu One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved Calculated DIS         10         Energy Lab         C08940387-003A         4/8/2008 (As500-F C           Urnaimu One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved TDS (00 to 0.015         152         Energy Lab         C08940387-003A         4/8/2008 (As500-F C           Urnaimu One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved TDS (00 to 0.015         32         Energy Lab         C08940387-003A         4/8/2008 (As500-F C           Urnaimu One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved TDS (00 to 0.15)         Solid Solids, Total Dissolved TDS (00 to 0.15)         Energy Lab         C08940387-003A         4/8/2008 (As500-F C </td <td></td>                                             |             |
| Uznaium One Inc.         MU-13         4/7/2008         Calaboration           Uranium One Inc.         MU-13         4/7/2008         Conductivity, DIS         12 Energy Lab         CO8040387-003A         4/8/2008         A2510 B           Uranium One Inc.         MU-13         4/7/2008         Fluoride, DIS         0.2         Energy Lab         CO8040387-003A         4/8/2008         A48/2008                                                                                                                           |             |
| Urraium One Inc.         MU-13         4/7/2008 [Chloridge, DIS         1 [Energy Lab         C06040387-003A         4/8/2008 [A4500-Cl B           Urraium One Inc.         MU-13         4/7/2008 [Chloridge, DIS         0.21 Energy Lab         C08040387-003A         4/8/2008 [A4500-F C           Urraium One Inc.         MU-13         4/7/2008 [Fluoridge, DIS         0.21 Energy Lab         C08040387-003A         4/8/2008 [A4500-F C           Urraium One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved Calculated, DIS         176 Energy Lab         C08040387-003A         4/8/2008 [A4500-F C           Urraium One Inc.         MU-13         4/7/2008 [Solids, Total Dissolved TDS @ 180 C, DIS         126 Energy Lab         C08040387-003A         4/8/2008 [A4500-SC4 E           Uranium One Inc.         MU-13         4/7/2008 [Ningegn, Armmonia as N, DIS         0.21 Energy Lab         C08040387-003A         4/8/2008 [A4500-SC4 E           Uranium One Inc.         MU-13         4/7/2008 [Ningegn, NinaterNintte as N, DIS         0.15 Energy Lab         C08040387-003A         4/8/2008 [SS0.1           Uranium One Inc.         MU-13         4/7/2008 [Ningegn, NinaterNintte as N, DIS         0.16 Energy Lab         C08040387-003C         4/8/2008 [SS0.1           Uranium One Inc.         MU-13         4/7/2008 [Ningegn, NinaterNintte as N, DIS         0.16 Energy Lab         C08040387-003C                          |             |
| Uranium One Inc.         MU-13         417/2008 [Conductivity, DIS         272 [Energy Lab         CO8040387-003A         418/2008         A2500 B           Uranium One Inc.         MU-13         417/2008 [Solids, Total Dissolved Calculated, DIS         0.2 Energy Lab         CO8040387-003A         418/2008 [A4500 F C           Uranium One Inc.         MU-13         417/2008 [Solids, Total Dissolved Calculated, DIS         8.07 Energy Lab         CO8040387-003A         418/2008 [A4500 F C           Uranium One Inc.         MU-13         417/2008 [Solids, Total Dissolved TDS @ 180 C, DIS         176 [Energy Lab         CO8040387-003A         418/2008 [A4500 F C           Uranium One Inc.         MU-13         417/2008 [Solids, Total Dissolved TDS @ 180 C, DIS         128 [Energy Lab         CO8040387-003A         418/2008 [A4500 F C           Uranium One Inc.         MU-13         417/2008 [Solids, Total Dissolved TDS @ 180 C, DIS         0.68 [Energy Lab         CO8040387-003A         418/2008 [Calculation           Uranium One Inc.         MU-13         417/2008 [Nitrogen, Ammonia as N, DIS         0.15 [Energy Lab         CO8040387-003B         418/2008 [E30 1           Uranium One Inc.         MU-13         417/2008 [Manganese, TOT         0.03 [Energy Lab         CO8040387-003D         418/2008 [E200 7           Uranium One Inc.         MU-13         417/2008 [Manganese, TOT         0.01 [Ene                    |             |
| Uranium One Inc.         MU-13         477/2008 [Fluoride, DiS         0.2 Energy Lab         C08040387-003A         4/8/2008 [Ads00-F C           Uranium One Inc.         MU-13         477/2008 [Jb] DIS         8.07 Energy Lab         C08040387-003A         4/8/2008 [Ads00-F C           Uranium One Inc.         MU-13         477/2008 [Jb] DIS         8.07 Energy Lab         C08040387-003A         4/8/2008 [Calculation           Uranium One Inc.         MU-13         477/2008 [Jb] Solids, Total Dissolved TDS (0, 180 C, DIS         152 Energy Lab         C08040387-003A         4/8/2008 [Ads00-F C           Uranium One Inc.         MU-13         477/2008 [Jb] Solids, Total Dissolved TDS (0, 120) DIS         32 Energy Lab         C08040387-003A         4/8/2008 [Ads00-FG C           Uranium One Inc.         MU-13         477/2008 [TriCole Nitrogen, Amronia as N, DIS         -0.1 Energy Lab         C08040387-003B         4/8/2008 [E350.1           Uranium One Inc.         MU-13         477/2008 [Nitrogen, Amronia as N, DIS         -0.1 Energy Lab         C08040387-003B         4/8/2008 [E200.7           Uranium One Inc.         MU-13         477/2008 [Manganese, TOT         -0.01 Energy Lab         C08040387-003C         4/8/2008 [E200.7           Uranium One Inc.         MU-13         477/2008 [Adson-F C         -0.01 Energy Lab         C08040387-003C         4/8/2008 [E200.7                                            |             |
| Umanium One Inc.         MU-13         4/7/2008 [pH, DIS         8.07         Energy Lab         C08040387-003A         4/8/2008         [A4500-H B           Uranium One Inc.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         176         Energy Lab         C08040387-003A         4/8/2008         [A4500-H B           Uranium One Inc.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         152         Energy Lab         C08040387-003A         4/8/2008         [A4500-SC4 E           Uranium One Inc.         MU-13         4/7/2008         Balance (0.80 - 1.20), DIS         0.68         Energy Lab         C08040387-003A         4/8/2008         [Eastore]           Uranium One Inc.         MU-13         4/7/2008         Balance (0.80 - 1.20), DIS         0.68         Energy Lab         C08040387-003A         4/8/2008         Eastore           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Nitrate+Nitrite as N, DIS         0.15         Energy Lab         C08040387-003C         4/8/2008         Eastore           Uranium One Inc.         MU-13         4/7/2008         Biron, TOT         -0.01         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008                                                                                                                       |             |
| Utraitum One Inc.         MU-13         4772008         Solids, Total Dissolved Calculated, DIS         176         Energy Lab         C08040387-003A         44/872008         A2540 C           Uranium One Inc.         MU-13         4772008         Solids, Total Dissolved TDS @ 180 C, DIS         152         Energy Lab         C08040387-003A         44/872008         A45240 C           Uranium One Inc.         MU-13         4772008         Solids, Total Dissolved TDS @ 180 C, DIS         32         Energy Lab         C08040387-003A         44/872008         A472008                                                                                                                    |             |
| Uranium One Inc.         MU-13         4/17/2008 Solids, Total Dissolved TDS @ 180 C, DIS         176 Energy Lab         C08040387-003A         4/8/2008 Calculation           Uranium One Inc.         MU-13         4/17/2008 Sulfate, DIS         32 Energy Lab         C08040387-003A         4/8/2008 [As500-SO4 E           Uranium One Inc.         MU-13         4/17/2008 [Sulfate, DIS         32 Energy Lab         C08040387-003A         4/8/2008 [As500-SO4 E           Uranium One Inc.         MU-13         4/17/2008 [Nitrogen, Ammonia as N, DIS         0.1 Energy Lab         C08040387-003B         4/8/2008 [E35.0 1           Uranium One Inc.         MU-13         4/17/2008 [Nitrogen, Nitrote+Nitrite as N, DIS         0.15 Energy Lab         C08040387-003C         4/8/2008 [E30.0 7           Uranium One Inc.         MU-13         4/17/2008 [Nitrogen, Nitrote+Nitrite as N, DIS         0.15 Energy Lab         C08040387-003C         4/8/2008 [E30.0 7           Uranium One Inc.         MU-13         4/17/2008 [Minganese, TOT         -0.01 Energy Lab         C08040387-003D         4/8/2008 [E20.0 7           Uranium One Inc.         MU-13         4/17/2008 [Aronn, DIS         -0.1 Energy Lab         C08040387-003D         4/8/2008 [E20.0 8           Uranium One Inc.         MU-13         4/17/2008 [Born, DIS         -0.1 Energy Lab         C08040387-003D         4/8/2008 [E20.0 7                                              |             |
| Uranium One Inc.         MU-13         4/7/2008         Solids, Total Dissolved TDS @ 180 C, DIS         152         Energy Lab         C08040387-003A         4/8/2008         Addition           Uranium One Inc.         MU-13         4/7/2008         Suffate, DIS         32         Energy Lab         C08040387-003A         4/8/2008         Addition           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Ammonia as N, DIS         -0.1         Energy Lab         C08040387-003A         4/8/2008         E350.1           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08040387-003A         4/8/2008         E353.2           Uranium One Inc.         MU-13         4/7/2008         Minogen, Nitrate+Nitrite as N, DIS         -0.01         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Manninum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Arronos         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Arrono                                                                                                                                 |             |
| Uranium One Inc.         MU-13         47/72008         Sulfate, DIS         32         Energy Lab         C08040387-003A         4/8/2008         A4800-SO4 E           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Armonia as N, DIS         0.86         Energy Lab         C08040387-003A         4/8/2008         Esso.1           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Armonia as N, DIS         0.15         Energy Lab         C08040387-003B         4/8/2008         Esso.1           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Nitrate+Nitrite as N, DIS         0.15         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Manganese, TOT         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Aurinum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.                                                                                                                                          |             |
| Uranium One Inc.         MU-13         4/7/2008         TDS Balance (0.80 - 1.20), DIS         0.86         Energy Lab         CO8040387-003A         4/8/2008         Calculation           Uranium One Inc.         MU-13         4/7/2008         Nitrogen, Ammonia as N, DIS         -0.15         Energy Lab         CO8040387-003B         4/8/2008         E350.1           Uranium One Inc.         MU-13         4/7/2008         Mitrogen, Nitrate+Nitrite as N, DIS         -0.15         Energy Lab         CO8040387-003C         4/8/2008         E230.7           Uranium One Inc.         MU-13         4/7/2008         Manganese, TOT         -0.03         Energy Lab         CO8040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Alminum, DIS         -0.1         Energy Lab         CO8040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Barlum, DIS         -0.15         Energy Lab         CO8040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barlum, DIS         -0.016         Energy Lab         CO8040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Eadmium, DIS                                                                                                                                              |             |
| Uranium One Inc.         MU-13         47/2008         Nirrogen, Ammonia as N, DIS         -0.1         Energy Lab         C08040387-003B         4/8/2008         E350.1           Uranium One Inc.         MU-13         4/7/2008         Nirrogen, Nitrate+Nirite as N, DIS         0.15         Energy Lab         C08040387-003B         4/8/2008         E350.1           Uranium One Inc.         MU-13         4/7/2008         Mirrogen, Nitrate+Nirite as N, DIS         0.15         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Atsminum, DIS         -0.1         Energy Lab         C08040387-003C         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Atsminu, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.15         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Baron, DIS         -0.15         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Conn, DIS         -0.05 </td <td></td>                                                                                                                             |             |
| Uranium One Inc.         MU-13         4/7/2008         Nitragen, Nitrate+Nitrite as N, DIS         0.15         Energy Lab         C08040387-003B         4/8/2008         E353.2           Uranium One Inc.         MU-13         4/7/2008         Manganese, TOT         -0.01         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.12         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Baron, DIS         -0.11         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7            Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.005                                                                                                                                                                    |             |
| Uranium One Inc.         MU-13         4/7/2008         Iron, TOT         -0.03         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         -0.01         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Arsenic, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barum, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Cadium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Conn, DIS         -0.01         Energy Lab         C08040387-003D <td></td>                                                                                                                                                     |             |
| Uranium One Inc.         MU-13         4/7/2008         Manganese, TOT         -0.01         Energy Lab         C08040387-003C         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calmium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calmium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Corport, DIS         -0.01         Energy Lab         C08040                                                                                                                                                            | <b></b>     |
| Uranium One Inc.         MU-13         4/7/2008         Auminum, DIS         0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         0.005         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8                                                                                                                                                                                                                                                                                              |             |
| Uranium One Inc.         MU-13         4/7/2008 Arsenic, DIS         0.005         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Isong angenesium, DIS         -0.01         Energy Lab         C08040387-003D<                                                                                                                                                   |             |
| Uranium One Inc.         MU-13         4/7/2008         Barium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Gamium, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.001         Energy Lab         C080403                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Boron, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.005         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Ikagnesium, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Margnesium, DIS         -0.001         Energy Lab         C                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Cadmium, DIS         0.005         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         41         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Lead, DIS         -0.03         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Lead, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Maganese, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Maganese, DIS         -0.01         Energy Lab         C0804038                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Calcium, DIS         41         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.03         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.001         Energy Lab         C080                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Chromium, DIS         0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.03         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Lead, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesies, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.01         Energy Lab         C08                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Copper, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Iron, DIS         -0.03         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Lead, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magneses, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.05         Energy Lab         C0                                                                                                                                                            | <u></u>     |
| Uranium One Inc.         MU-13         47//2008 Iron, DIS         -0.03 Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         47//2008 Magnesium, DIS         -0.001 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         47//2008 Magnesium, DIS         -0.01 Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         47//2008 Magnesium, DIS         -0.01 Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         47//2008 Manganese, DIS         -0.01 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         47//2008 Mercury, DIS         -0.001 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         47//2008 Molybdenum, DIS         -0.01 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         47/72008 Nickel, DIS         -0.05 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Nickel, DIS         -0.05 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS                                                                                   |             |
| Uranium One Inc.         MU-13         4/7/2008         Lead, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         4         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Magnesse, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Folossium, DIS         -0.05         Energy Lab <td< td=""><td></td></td<>                                                                                                                                         |             |
| Uranium One Inc.         MU-13         4/7/2008         Magnesium, DIS         4         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Manganese, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Potassium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab <t< td=""><td></td></t<>                                                                                                                                          |             |
| Uranium One Inc.         MU-13         4/7/2008         Manganese, DIS         -0.01         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Potassium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab                                                                                                                                                                |             |
| Uranium One Inc.         MU-13         4/7/2008         Mercury, DIS         -0.001         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Potassium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Silica, DIS         19.1         Energy Lab         C                                                                                                                                                            |             |
| Uranium One Inc.         MU-13         4/7/2008         Molybdenum, DIS         -0.1         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Nickel, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Potassium, DIS         -0.05         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008         E200.7           Uranium One Inc.         MU-13         4/7/2008         Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008         E200.8           Uranium One Inc.         MU-13         4/7/2008         Silica, DIS         19.1         Energy Lab         C08040387-003D         4/8/2008         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |
| Uranium One Inc.         MU-13         4/7/2008 Nickel, DIS         -0.05 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Potassium, DIS         4         Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS         0.008 Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Silica, DIS         19.1         Energy Lab         C08040387-003D         4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |
| Uranium One Inc.         MU-13         4/7/2008 Nickel, DIS         -0.05 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Potassium, DIS         4         Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS         0.008 Energy Lab         C08040387-003D         4/8/2008 E200.7           Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS         0.008         Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Silica, DIS         19.1         Energy Lab         C08040387-003D         4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |
| Uranium One Inc.         MU-13         4/7/2008 Selenium, DIS         0.008 Energy Lab         C08040387-003D         4/8/2008 E200.8           Uranium One Inc.         MU-13         4/7/2008 Silica, DIS         19.1 Energy Lab         C08040387-003D         4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |
| Uranium One Inc. MU-13 4/7/2008 Silica, DIS 19.1 Energy Lab C08040387-003D 4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| Uranium One Inc. MU-13 4/7/2008 Silica, DIS 19.1 Energy Lab C08040387-003D 4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |
| Uranium One Inc MI-13 4/7/2008 Sodium DIS 18 Faerory Lab (C08040387-003D 4/8/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| Uranium One Inc. MU-13 4/7/2008 Uranium, DIS 0.0734 Energy Lab C08040387-003D 4/8/2008 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |
| Uranium One Inc. MU-13 4/7/2008 Vanadium, DIS -0.1 Energy Lab C08040387-003D 4/8/2008 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
| Uranium One Inc. MU-13 4/7/2008 Zinc, DIS -0.01 Energy Lab C08040387-003D 4/8/2008 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |
| Uranium One Inc. MU-13 4/7/2008 Gross Alpha, DIS 92.2 Energy Lab C08040387-003E 4/8/2008 E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| Uranium One Inc. MU-13 4/7/2008 Gross Alpha MDC, DIS 1.2 Energy Lab C08040387-003E 4/8/2008 E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |
| Uranium One Inc. MU-13 4/7/2008 Gross Beta, DIS 22.1 Energy Lab C08040387-003E 4/8/2008 E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |
| Uranium One Inc. MU-13 4/7/2008 Gross Beta MDC, DIS 2.4 Energy Lab C08040387-003E 4/8/2008 E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |
| Uranium One Inc. MU-13 47/72008 Lead 210, DIS -3.3 Energy Lab C08040387-003E 4/8/2008 E909.0M Value is a negative value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | not a limit |
| Uranium One Inc. MU-13 4/7/2008 Polonium 210, DIS 1.9 Energy Lab C08040387-003E 4/8/2008 RMO-3008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ·····       |
| Uranium One Inc. MU-13 4/7/2008 Radium 226, DIS 6.3 Energy Lab C08040387-003E 4/8/2008 E903.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |
| Uranium One Inc. MU-13 4/7/2008 Radium 226 MDC, DIS 0.18 Energy Lab C08040387-003E 4/8/2008 E903.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |
| Uranium One Inc. MU-13 4/7/2008 Radium 228, DIS 1.6 Energy Lab C08040387-003E 4/8/2008 RA-05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
| Uranium One Inc. MU-13 4/7/2008 Radium 228 MDC, DIS 1.0 Energy Lab C08040387-003E 4/6/2008 RA-05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| Uranium One Inc. MU-13 4/7/2008 Thorium 230, DIS 0 Energy Lab C08040387-003E 4/8/2008 E907.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |

| Uranium One Inc. | MU-13        | 4/7/2008   | Lead 210, SUS                            | 0 Energy Lab       | C08040387-003F | 4/8/2008 E909.0M       | Υ                                      |
|------------------|--------------|------------|------------------------------------------|--------------------|----------------|------------------------|----------------------------------------|
| Uranium One Inc. | MU-13        |            | Polonium 210. SUS                        | 0.6 Energy Lab     | C08040387-003F | 4/8/2008 RMO-3008      |                                        |
| Uranium One Inc. | MU-13        |            | Radium 226, SUS                          | -0.6 Energy Lab    | C08040387-003F | 4/8/2008 E903.0        | Makes in a set of the set              |
| Uranium One Inc. | MU-13        |            | Radium 226 MDC, SUS                      | 0.6 Energy Lab     | C08040387-003F |                        | Value is a negative value, not a limit |
| Uranium One Inc. | MU-13        |            | Thonum 230, SUS                          |                    |                | 4/8/2008 E903.0        | · · · · · · · · · · · · · · · · · · ·  |
| Uranium One Inc. | MU-13        |            | Uranium, SUS                             | 0.5 Energy Lab     | C08040387-003F | 4/8/2008 E907.0        |                                        |
| Uranium One Inc. | M-14         |            |                                          | -0.0003 Energy Lab | C08040387-003F | 4/8/2008 E200.8        |                                        |
|                  |              |            | A/C Balance (± 5), DIS                   | 0.926 Energy Lab   | C07121289-003A | 12/31/2007 Calculation |                                        |
| Uranium One Inc. | M-14         |            | Anions, DIS                              | 2.7 Energy Lab     | C07121289-003A | 12/31/2007 Calculation |                                        |
| Uranium One Inc. | M-14         |            | Bicarbonate as HCO3, DIS                 | 114 Energy Lab     | C07121289-003A | 12/31/2007 A2320 B     |                                        |
| Uranium One Inc. | M-14         |            | Carbonate as CO3, DIS                    | 3 Energy Lab       | C07121289-003A | 12/31/2007 A2320 B     |                                        |
| Uranium One Inc. | M-14         |            | Cations, DIS                             | 2.76 Energy Lab    | C07121289-003A | 12/31/2007 Calculation |                                        |
| Uranium One Inc. | M-14         |            | Chloride, DIS                            | 3 Energy Lab       | C07121289-003A | 12/31/2007 A4500-CI B  |                                        |
| Uranium One Inc. | M-14         |            | Conductivity, DIS                        | 253 Energy Lab     | C07121289-003A | 12/31/2007 A2510 B     |                                        |
| Uranium One Inc. | M-14         |            | Fluonide, DIS                            | 0.2 Energy Lab     | C07121289-003A | 12/31/2007 A4500-F C   |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 |                                          | 8.42 Energy Lab    | C07121289-003A | 12/31/2007 A4500-H B   |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 | Solids, Total Dissolved Calculated, DIS  | 170 Energy Lab     | C07121289-003A | 12/31/2007 Calculation | 1                                      |
| Uranium One Inc. | M-14         | 12/29/2007 | Solids, Total Dissolved TDS @ 180 C, DIS | 164 Energy Lab     | C07121289-003A | 12/31/2007 A2540 C     |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 | Sulfate, DIS                             | 31 Energy Lab      | C07121289-003A | 12/31/2007 A4500-SO4 E |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 | TDS Balance (0.80 - 1.20), DIS           | 0.96 Energy Lab    | C07121289-003A | 12/31/2007 Calculation | 1                                      |
| Uranium One Inc. | M-14         | 12/29/2007 | Nitrogen, Ammonia as N, DIS              | 0.05 Energy Lab    | C07121289-003B | 12/31/2007 A4500-NH3 G |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 | Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1 Energy Lab    | C07121289-003B | 12/31/2007 E353.2      | <u> </u>                               |
| Uranium One Inc. | M-14         | 12/29/2007 | Iron, TOT                                | -0.03 Energy Lab   | C07121289-003C | 12/31/2007 E200,7      | <u> </u>                               |
| Uranium One Inc. | M-14         | 12/29/2007 | Manganese, TOT                           | -0.01 Energy Lab   | C07121289-003C | 12/31/2007 E200.7      | <u> </u>                               |
| Uranium One Inc. | M-14         |            | Aluminum, DIS                            | -0.1 Energy Lab    | C07121289-003D | 12/31/2007 E200.8      | +                                      |
| Uranium One Inc. | M-14         |            | Arsenic, DIS                             | 0.007 Energy Lab   | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         |            | Banum, DIS                               | -0.1 Energy Lab    | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         |            | Boron, DIS                               | -0.1 Energy Lab    | C07121289-003D | 12/31/2007 E200.7      | +                                      |
| Uranium One Inc. | M-14         |            | Cadmium, DIS                             | -0.005 Energy Lab  | C07121289-003D | 12/31/2007 E200.8      | · · · · · · · · · · · · · · · · · · ·  |
| Uranium One Inc. | M-14         |            | Calcium, DIS                             | 37 Energy Lab      | C07121289-003D | 12/31/2007 E200.7      |                                        |
| Uranium One Inc. | M-14         |            | Chromium, DIS                            | -0.05 Energy Lab   | C07121289-003D |                        |                                        |
| Uranium One Inc. | M-14         |            | Copper, DIS                              |                    |                | 12/31/2007 E200.8      | <u></u>                                |
| Uranium One Inc. | M-14         | 12/29/2007 |                                          | -0.01 Energy Lab   | C07121289-003D | 12/31/2007 E200.8      | <u> </u>                               |
| Uranium One Inc. | M-14         | 12/29/2007 |                                          | -0.03 Energy Lab   | C07121289-003D | 12/31/2007 E200.7      | +                                      |
| Uranium One Inc. | M-14         |            | Magnesium, DIS                           | -0.001 Energy Lab  | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         |            |                                          | 2 Energy Lab       | C07121289-003D | 12/31/2007 E200.7      |                                        |
| Uranium One Inc. | M-14         |            | Manganese, DIS                           | -0.01 Energy Lab   | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         |            | Mercury, DIS                             | -0.001 Energy Lab  | C07121289-003D | 12/31/2007 E200.8      |                                        |
|                  |              |            | Molybdenum, DIS                          | -0.1 Energy Lab    | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14<br>M-14 |            | Nickel, DIS                              | -0.05 Energy Lab   | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. |              |            | Potassium, DIS                           | 8 Energy Lab       | C07121289-003D | 12/31/2007 E200.7      |                                        |
| Uranium One Inc. | <u>M-14</u>  |            | Selenium, DIS                            | 0.001 Energy Lab   | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 |                                          | 17.8 Energy Lab    | C07121289-003D | 12/31/2007 E200.7      |                                        |
| Uranium One Inc. | M-14         |            | Sodium, DIS                              | 12 Energy Lab      | C07121289-003D | 12/31/2007 E200.7      |                                        |
| Uranium One Inc. | M-14         |            | Uranium, DIS                             | 0.0734 Energy Lab  | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         |            | Vanadium, DIS                            | -0.1 Energy Lab    | C07121289-003D | 12/31/2007 E200.8      |                                        |
| Uranium One Inc. | M-14         | 12/29/2007 |                                          | -0.01 Energy Lab   | C07121289-003D | . 12/31/2007 E200.8    |                                        |
| Uranium One Inc. | M-14         |            | Gross Alpha, DIS                         | 330 Energy Lab     | C07121289-003E | 12/31/2007 E900.0      |                                        |
| Uranium One Inc. | M-14         |            | Gross Beta, DIS                          | 153 Energy Lab     | C07121289-003E | 12/31/2007 E900.0      | ·                                      |
| Uranium One Inc. | M-14         |            | Radium 226, DIS                          | 142 Energy Lab     | C07121289-003E | 12/31/2007 E903.0      |                                        |
| Uranium One Inc. | M-14         |            | Radium 228, DIS                          | -1 Energy Lab      | C07121289-003E | 12/31/2007 RA-05       |                                        |
| Uranium One Inc. | M-14         |            | A/C Balance (± 5), DIS                   | 10.9 Energy Lab    | C08040387-006A | 4/8/2008 Calculation   |                                        |
| Uranium One Inc. | M-14         | 4/8/2008   | Anions, DIS                              | 2.25 Energy Lab    | C08040387-006A | 4/8/2008 Calculation   |                                        |
| Uranium One Inc. | M-14         |            | Bicarbonate as HCO3, DIS                 | 98 Energy Lab      | C08040387-006A | 4/8/2008 A2320 B       |                                        |
| Uranium One Inc. | M-14         | 4/8/2008   | Carbonate as CO3, DIS                    | 1 Energy Lab       | C08040387-006A | 4/8/2008 A2320 B       | 1                                      |
| Uranium One Inc. | M-14         |            | Cations, DIS                             | 2.79 Energy Lab    | C08040387-006A | 4/8/2008 Calculation   |                                        |
| Uranium One Inc. | M-14         | 4/8/2008   | Chloride, DIS                            | 1 Energy Lab       | C08040387-006A | 4/8/2008 A4500-CI B    | 1                                      |
|                  |              |            |                                          |                    |                |                        |                                        |

| Unrealm Det Inc.         M-14         442008 [FL05]         0.3 [Eerry Lab         0.2084/0357-0604         4452008 [FL05]           Urnnim De Inc.         M-14         442008 [Sol6], Telal Disabud Calculated DIS         153 [Eerry Lab         C08040357-0604         442000 [Sol6], Telal Disabud Calculated DIS           Urnnim De Inc.         M-14         442008 [Sol6], Telal Disabud Calculated DIS         153 [Eerry Lab         C08040357-0604         442000 [Sol6], Telal Disabud Calculated DIS           Urnnim De Inc.         M-14         442008 [Sol6], Telal Disabud Calculated DIS         153 [Eerry Lab         C08040357-0064         442008 [Sol6], Telal Disabud Calculated DIS           Urnnim De Inc.         M-14         442008 [Sol6], Telal Disabud Calculated DIS         0.51 [Eerry Lab         C08040357-0068         4402008 [Sol6]           Urnnim De Inc.         M-14         442008 [Norgen, Nitrahr/Hiffing SN, DIS         0.62 [Eerry Lab         C08040357-0068         4402008 [Sol6]           Urnnim De Inc.         M-14         442008 [Bandrin DIS         0.63 [Eerry Lab         C08040357-0068         4402008 [Sol6]           Urnnim De Inc.         M-14         4420208 [Bandrin DIS         0.60 [Eerry Lab         C08040357-0060         4402008 [E00 1           Urnnim De Inc.         M-14         4420208 [Bandrin DIS         0.60 [Eerry Lab         C08040357-0060         4402008 [E00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                | 1    | 100000     |                                     |        |            |                |                      |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------|------------|-------------------------------------|--------|------------|----------------|----------------------|---------------------------------------|
| Unname Date Ins.         M-14         4452008 (Assoc) PL DIS         B.7 (Every Lab.         CostOld SP-ORA         4452008 (Assoc) FL B           Unname Date Ins.         M-14         4452008 (Socks, Total) Disobered Calculated, DIS         153 (Every Lab.         CostOld SP-ORA         4452008 (Socks, Total) Disobered Calculated, DIS           Unname Date Ins.         M-14         4452008 (Socks, Total) Disobered Calculated, DIS         153 (Every Lab.         CostOld SP-ORA         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Socks, Total) Disobered Calculated, DIS         0.93 (Every Lab.         CostOld SP-ORA         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Disobered Calculated, DIS         0.05 (Every Lab.         CostOld SP-ORE         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Intro, TOT         0.04 (Every Lab.         CostOld SP-ORE         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Intro, TOT         0.05 (Every Lab.         CostOld SP-ORE         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Intro, DIS         0.01 (Every Lab.         CostOld SP-ORE         4452008 (Escalation)           Unname Date Ins.         M-14         4452008 (Escalation)         0.01 (Every Lab.         CostOld SP-ORE         44520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                | M-14 |            |                                     | 239    | Energy Lab |                | 4/8/2008 A2510 B     |                                       |
| Urnalm One Inc.         M-14         442008 [Sabits, Total Disolved Catachited, DIS         151 Every Lab         00840387-066A         442008 [Sabits]           Urnalm One Inc.         M-14         4482008 [Sabits], DIS         028 [ISS 0150 B; 120 [ISS 015 B; 120 [ISS 0150 B; 120 [ISS 015 [ISS |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranim One Inc.         M-14         448/2008 Solids, Total Dissolved TUS (§ 106 C, DIS         142 Energy Lab         C0840087 4056A         448/2008 Addition           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.03         Derry Lab         C0840087 4056A         448/2008 Infinite, DIS           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.13         Derry Lab         C0840087 4056A         448/2008 Infinite, DIS           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.01         Derry Lab         C0840087 4056C         448/2008 Infinite, DIS           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.01         Derry Lab         C0840087 4056C         448/2008 Infinite, DIS           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.01         Derry Lab         C0840087 4056C         448/2008 Infinite, DIS           Uranim One Inc.         M-14         448/2008 Infinite, DIS         0.01         Derry Lab         C0840087 4056C         448/2008 Infinite, DIS         0.01         Derry Lab         C0840087 4056C         448/2008 Infinite, DIS         DErry Lab         C0840087 4056C         448/2008 Infinite, DIS         DErry Lab         C0840087 4056C         448/2008 Infinite, DIS         DErry Lab         C0840087 4050C         448/2008 Infi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Urnsame Date, Mc. 144         448/2000         Standard Date, Mc. 144         448/2000         Calculation           Urnsame Date, Mc. 144         448/2000         ISS Barles (1.0.0.1.20), DIS         0.31         Descry Lab.         COB400637-006A         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-006B         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-006B         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-006D         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-005D         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-005D         448/2000         ISS 2.2           Urnsame Date, Mc. 144         448/2000         ISS 2.2         Descry Lab.         COB40087-005D         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Urnamin One Ine.         M-14         448/2008 [TDS Baginer (D NO - 120), DIS         0.93 Energy Lab         C08040287-0054         448/2008 [Calculation           Urnamin One Ine.         M-14         448/2008 [Mitogen, Ammonia as N, DIS         0.05 Energy Lab         C08040387-0658         448/2008 [CSO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.04 Energy Lab         C08040387-0658         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.04 Energy Lab         C08040387-0656         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab         C08040387-0656         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab         C08040387-0600         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab         C0804037-0600         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab         C0804037-0600         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab         C0804037-0600         448/2008 [EXO 7           Urnamin One Ine.         M-14         448/2008 [EXO 7         0.01 Energy Lab <td< td=""><td>Uranium One Inc.</td><td></td><td></td><td></td><td>142</td><td>Energy Lab</td><td></td><td>4/8/2008 A2540 C</td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uranium One Inc.                                                                                               |      |            |                                     | 142    | Energy Lab |                | 4/8/2008 A2540 C     |                                       |
| Urnelium One Inc.         M-14         44/82008 [Nitrogen, Ammonia as N, DIS         -0.1 [Energy Lab. C05640387:0068   44/82008 [ESS:0.1           Urnelium One Inc.         M-14         44/82008 [Intro; Nitrita Hitte as N, DIS         -0.05 [Esergy Lab. C05640387:0066   44/82008 [ESO:1           Urnelium One Inc.         M-14         44/82008 [Intro; Nitrita Hitte as N, DIS         -0.04 [Esergy Lab. C05640387:0066   44/82008 [ESO:7           Urnelium One Inc.         M-14         44/82008 [Intro; Nitrita Hitte as N, DIS         -0.01 [Esergy Lab. C05640387:0065   44/82008 [ESO:7           Urnelium One Inc.         M-14         44/82008 [Born, DIS         -0.01 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.05 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.05 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.05 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.06 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.01 [Esergy Lab. C0640397:0055   44/82008 [ESO:6           Urnelium One Inc.         M-14         44/82008 [Eson, DIS         -0.01 [Esergy Lab. C0640397:0055                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Uranium One Inc.                                                                                               |      |            |                                     | 26     | Energy Lab | C08040387-006A | 4/8/2008 A4500-SO4 E |                                       |
| Upanium One Inc.         M-14         4.86/2006 [Mitrogen, Nitrate-Mitrifie as N_DIS         -0.69 Earry Lab.         C006403874006B         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Mitrogen, Nitrate-Mitrifie as N_DIS         -0.01 Earry Lab.         C006403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [E2007         -0.014 Earry Lab.         C086403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         C086403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         C086403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         C086403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         C086403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         C08403874006C         4.86/2008 [E2007           Umains One Inc.         M-14         4.86/2008 [Early Lab.         -0.001 Earry Lab.         C08403874006C         4.86/2008 [E2008           Umains One Inc.         M-14         4.86/2008 [Early Lab.         -0.001 Earry Lab.         C08403874006C         4.86/2008 [E2008           Umains One Inc. </td <td>Uranium One Inc.</td> <td>M-14</td> <td>4/8/2008</td> <td>TDS Balance (0.80 - 1.20), DIS</td> <td>0.93</td> <td>Energy Lab</td> <td></td> <td>4/8/2008 Calculation</td> <td> =<u></u></td>                                                                                                                                                                                                                                                                                                                                                                                      | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | TDS Balance (0.80 - 1.20), DIS      | 0.93   | Energy Lab |                | 4/8/2008 Calculation | = <u></u>                             |
| Uranium One Inc.         M-14         448/2008 [Nitrogen, Nitrate-Nitrifie as N, DIS         -0.60 Exercy Lab.         C00840387/2006         448/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Manganese, TOT         -0.01 Exercy Lab.         C00840387/2006 C         448/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Soo 7         -0.01 Exercy Lab.         C00840387/2006 C         448/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Saring C) (Soo 7         -0.01 Exercy Lab.         C00840387/2006 C         448/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Saring C) (Soo 7         -0.000 (Soc 408/2008 [Soo 7         -0.000 (Soc 408/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Soc 7         -0.000 (Soc 408/2008 [Soo 7         -0.000 (Soc 408/2008 [Soo 7           Uranium One Inc.         M-14         448/2008 [Soc 7         -0.000 (Soc 408/2008 [Soo 7         -0.000 (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Nitrogen, Ammonia as N, DIS         | -0.1   | Energy Lab | C08040387-006B | 4/8/2008 E350.1      |                                       |
| Unnaima Des Inc.         M-14         4422008 [ton, TOT         0.04 Earry Lab.         C68004387-066C         44822008 [200, T           Uranium Des Inc.         M-14         4422008 Managanese, TOT         -0.01 Earry Lab.         C68004387-066D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 Managanese, TOT         -0.01 Earry Lab.         C68004387-060D         44822008 [200, S           Uranium Des Inc.         M-14         4422008 [200, S         -0.01 Earry Lab.         C68004387-060D         44822008 [200, S           Uranium Des Inc.         M-14         4422008 [200, S         -0.01 Earry Lab.         C68004387-060D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 [200, T         -0.01 Earry Lab.         C68004387-060D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 [200, T         -0.01 Earry Lab.         C68004387-060D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 [Magnesin, DIS         -0.01 Earry Lab.         C68004387-060D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 [Magnesin, DIS         -0.01 Earry Lab.         C68004387-060D         44822008 [200, T           Uranium Des Inc.         M-14         4422008 [Magnesin, DIS         -0.01 Earry Lab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Nitrogen, Nitrate+Nitrite as N, DIS | -0.05  | Energy Lab |                | 4/8/2008 E353.2      |                                       |
| Urnalm One Inc.         M-14         448/2008 Manganese, TOT         0-01 Earry Lab.         C08040887-006C         448/2008 [200.7           Urnalm One Inc.         M-14         448/2008 Aurnium, DIS         0-01 Earry Lab.         C08040887-006D         448/2008 [200.8]           Urnalm One Inc.         M-14         448/2008 Aurnium, DIS         0-004 Earry Lab.         C08040887-006D         448/2008 [200.8]           Urnalm One Inc.         M-14         448/2008 Aurnium, DIS         0.11 Earry Lab.         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Cashmun, DIS         0.20847087         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Cashmun, DIS         0.201 Earry Lab.         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Cooper.         0.301 Earry Lab.         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Maganesen, DIS         0.001 Earry Lab.         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Maganesen, DIS         0.001 Earry Lab.         C08040887-006D         448/2008 [200.7]           Urnalm One Inc.         M-14         448/2008 Maganesen, DIS         0.001 Earry Lab. <td>Uranium One Inc.</td> <td>M-14</td> <td></td> <td></td> <td>0.04</td> <td>Energy Lab</td> <td>C08040387-006C</td> <td>4/8/2008 E200.7</td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.                                                                                               | M-14 |            |                                     | 0.04   | Energy Lab | C08040387-006C | 4/8/2008 E200.7      |                                       |
| Uranium One Inc.         M-14         44/2008 [200 8]           Uranium One Inc.         M-14         44/2008 [200 7]           Uranium One Inc.         M-14         44/2008 [200 8]           Uranium One Inc.         M-14         44/2008 [200 7]           Uranium One Inc.         M+14         44/2008 [200 7]           Uranium One Inc.         M+14         44/2008 [200 7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Manganese, TOT                      |        |            |                |                      |                                       |
| Urnaimu One Inc.         M-14         4/8/2008 [Artenic, DIS         0.004 [Earry Lab         C08040387-006D         4/8/2008 [E200.8           Urnaimu One Inc.         M-14         4/8/2008 [E200.7              Urnaimu One Inc.         M-14         4/8/2008 [E200.7               Urnaimu One Inc.         M-14         4/8/2008 [Magnasene DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.                                                                                               | M-14 |            |                                     |        |            |                |                      |                                       |
| Urnaim One Ins.         M-14         49/20208         Barbon DIS         -0.1         Desrry Lab         COB040387-006D         49/20208         E2000 7           Urnaim One Ins.         M-14         49/20208         Cabination DIS         -0.005         Energy Lab         COB040387-006D         44/8/2008         E2000 7           Urnaim One Ins.         M-14         49/20208         Cabination DIS         -0.005         Energy Lab         COB040387-006D         44/8/2008         E2000 7           Urnaim One Ins.         M-14         49/20208         Cabination DIS         -0.05         Energy Lab         COB040337-006D         44/8/2008         E2000 8           Urnaim One Ins.         M-14         49/20208         E2000 8         -0.01         Energy Lab         COB040337-006D         44/8/2008         E2000 8           Urnaim One Ins.         M-14         49/20208         Maganesa DIS         -0.01         Energy Lab         COB040337-006D         44/8/2008         E2000 8         -0.01         Energy Lab         COB040337-006D         44/8/2008         E200 8         -0.01         Energy Lab         COB040337-006D         44/8/2008         E200 7         -0.01         Energy Lab         COB040337-006D         44/8/2008         E200 8         -0.01         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         44/27008         Borny Dis         -0.01         Energy Lab         Co80040387-005D         44/02008         E200.6           Uranium One Inc.         M-14         44/02008         Codemium, Dis         -0.002         Energy Lab         C08040387-005D         44/02008         E200.6           Uranium One Inc.         M-14         44/02008         Construction         Con                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Urasium One Inc.         M-14         44/2008 Cadminu, DIS         0.005 Pargy Lab         C08040337-005D         44/2008 [200.8           Urasium One Inc.         M-14         44/2008 Calcium, DIS         32 Energy Lab         C08040337-005D         44/2008 [200.7           Urasium One Inc.         M-14         44/2008 [200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Urasium One Ins.         M-14         4/8/2008 [Captinum, DIS         32 [Energy Lab         CO8040387-006D         4/8/2008 [E200 A           Urasium One Ins.         M-14         4/8/2008 [Captinum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E200 A           Urasium One Ins.         M-14         4/8/2008 [E300 A         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [E300 A         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Magnasum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Magnasum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Magnasum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Mixel, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Singum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [E300 A           Urasium One Ins.         M-14         4/8/2008 [Singum, DIS         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |      |            |                                     |        |            |                |                      | ·····                                 |
| Uranium One Inn.         M-14         4/8/2008 [Corpert DIS         0.05 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Corp. DIS         0.01 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Icon, DIS         0.03 [Energy Lab         C08040387-006D         4/8/2008 [Z00.7           Uranium One Inn.         M-14         4/8/2008 [Magnessum, DIS         3 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Magnessum, DIS         3 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Magnessum, DIS         0.01 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Magnessum, DIS         0.01 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [S00.17         0.01 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Sind.0, DIS         0.05 [Energy Lab         C08040387-006D         4/8/2008 [Z00.8           Uranium One Inn.         M-14         4/8/2008 [Sind.0, DIS         0.01 [Energy L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Urasium One Ine.         M-14         4/8/2008 [Copper, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.8           Urasium One Ine.         M-14         4/8/2008 [add, DIS         -0.02 [Energy Lab         CO8040387-006D         4/8/2008 [200.7           Urasium One Ine.         M-14         4/8/2008 [add, DIS         -0.02 [Energy Lab         CO8040387-006D         4/8/2008 [200.8           Urasium One Ine.         M-14         4/8/2008 [Magnessum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.8           Urasium One Ine.         M-14         4/8/2008 [Magnessum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.8           Urasium One Ine.         M-14         4/8/2008 [Magnessum, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.8           Urasium One Ine.         M-14         4/8/2008 [Sol.8         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.7           Urasium One Ine.         M-14         4/8/2008 [Sin.8, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.7           Urasium One Ine.         M-14         4/8/2008 [Sin.8, DIS         -0.01 [Energy Lab         CO8040387-006D         4/8/2008 [200.7           Urasium One Ine.         M-14         4/8/2008 [Sin.8, DIS         -0.01 [E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Urrainum One Inc.         M-14         44/8/2008 [1200, DIS         -0.03 [Emergy Lab         C08940387-008D         44/8/2008 [2200, T           Urrainum One Inc.         M-14         44/8/2008 [Magnesium, DIS         -0.01 [Emergy Lab         C08400337-006D         44/8/2008 [2200, T           Urrainum One Inc.         M-14         44/8/2008 [Magnesium, DIS         -0.01 [Emergy Lab         C08400337-006D         44/8/2008 [2200, F           Urrainum One Inc.         M-14         44/8/2008 [Magnesium, DIS         -0.01 [Emergy Lab         C08400337-006D         44/8/2008 [2200, F           Urrainum One Inc.         M-14         44/8/2008 [Mickel, DIS         -0.02 [Emergy Lab         C0840337-006D         44/8/2008 [220, F           Urrainum One Inc.         M-14         44/8/2008 [Mickel, DIS         -0.03 [Emergy Lab         C08404387-006D         44/8/2008 [220, F           Urrainum One Inc.         M-14         44/8/2008 [Sciel, DIS         -0.01 [Emergy Lab         C08404387-006D         4/8/2008 [220, F           Urrainum One Inc.         M-14         44/8/2008 [Sciel, DIS         -0.001 [Emergy Lab         C08404387-006D         4/8/2008 [220, 7           Urrainum One Inc.         M-14         44/8/2008 [Sciel, DIS         -0.01 [Emergy Lab         C08404387-006D         4/8/2008 [E20, 7           Urrainum One Inc.         M-14 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         448/2008 [sead, DIS         -0.001         Emergy Lab.         C08640337-006D         4/8/2008 [se0.8           Uranium One Inc.         M-14         448/2008 [Marganese, DIS         -0.01 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.8           Uranium One Inc.         M-14         448/2008 [Morcury, DIS         -0.01 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.8           Uranium One Inc.         M-14         448/2008 [Morcury, DIS         -0.01 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.8           Uranium One Inc.         M-14         448/2008 [Selamin, DIS         -0.05 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.8           Uranium One Inc.         M-14         448/2008 [Selamin, DIS         -0.05 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.7           Uranium One Inc.         M-14         448/2008 [Selamin, DIS         15 Emergy Lab.         C08640337-006D         4/8/2008 [Se0.7           Uranium One Inc.         M-14         448/2008 [Selamin, DIS         0.058         Emergy Lab.         C08640337-006D         4/8/2008 [Se0.7           Uranium One Inc.         M-14         448/2008 [Ze0.8         Col.1         Emergy Lab.         C08640337-006D         4/8/2008 [Se0.7           Uranium One Inc.         M-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008 [z200,7           Uranium One Inc.         M-14         4/8/2008 [z200,8         -0.01 [Energy Lab         C68040387-066D         4/8/2008 [z200,8           Uranium One Inc.         M-14         4/8/2008 [z200,8         -0.01 [Energy Lab         C68040387-066D         4/8/2008 [z200,8           Uranium One Inc.         M-14         4/8/2008 [z200,8         -0.01 [Energy Lab         C68040387-066D         4/8/2008 [z200,8           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.01 [Energy Lab         C08040387-066D         4/8/2008 [z200,7           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.001 [Energy Lab         C08040387-066D         4/8/2008 [z200,7           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.001 [Energy Lab         C08040387-066D         4/8/2008 [z200,7           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.01 [Energy Lab         C08040387-066D         4/8/2008 [z20,7           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.01 [Energy Lab         C08040387-066D         4/8/2008 [z20,8           Uranium One Inc.         M-14         4/8/2008 [selenium, DIS         -0.01 [Energy Lab         C08040387-066D         4/8/2008 [z20,8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         44/20208         Manganese, DIS         -0.01         Energy Lab         C08040387-00BD         4//20208         E200.8           Uranium One Inc.         M-14         4//20208         Mobydenum, DIS         -0.01         Energy Lab         C08040387-00BD         4///20208         E200.8           Uranium One Inc.         M-14         4///20208         Pickesty Lab         C08040387-00BD         4////20208         E200.8           Uranium One Inc.         M-14         4////20208         Elensty Lab         C08040387-00BD         4////////////////////////////////////                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                |      |            |                                     |        |            |                |                      | <u></u>                               |
| Uranium One Inc.         M+14         4/8/2008         Memory District         0.001         Energy Lab         C08040387-006D         4/8/2008         Epoch           Uranium One Inc.         M+14         4/8/2008         Mickel, DIS         0.01         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M+14         4/8/2008         Pelanum, DIS         0.05         Energy Lab         C08040387-006D         4/8/2008         E200.7           Uranium One Inc.         M+14         4/8/2008         Selout, DIS         0.001         Energy Lab         C08040387-006D         4/8/2008         E200.7           Uranium One Inc.         M+14         4/8/2008         Selout, DIS         16         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M+14         4/8/2008         Value, DIS         0.15         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M+14         4/8/2008         Zinc, DIS         0.01         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M+14         4/8/2008         Zinc, DIS         0.01         Energy Lab         C08040387-006E         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Ummium One Inc.         M-14         4/8/2008         HolyCode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                |      |            |                                     |        |            |                |                      | <u></u>                               |
| Uranium One Inc.         M-14         4/8/2008 Nickel, DIS         -0.05 [Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 Selenium, DIS         9 Energy Lab         C08040387-006D         4/8/2008 [E200.7           Uranium One Inc.         M-14         4/8/2008 Selenium, DIS         -0.001         Energy Lab         C08040387-006D         4/8/2008 [E200.7           Uranium One Inc.         M-14         4/8/2008 Guina, DIS         16 [Energy Lab         C08040387-006D         4/8/2008 [E200.7           Uranium One Inc.         M-14         4/8/2008 Uranium, DIS         0.0588 [Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 Uranium, DIS         0.01 [Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 [Z00.5]         0.1 [Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 [Z00.5]         0.1 [Energy Lab         C08040387-006E         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 [Coss Alpha MDC, DIS         1.1 [Energy Lab         C08040387-006E         4/8/2008 [E300.0           Uranium One Inc.         M-14         4/8/2008 [Goss Alpha MDC, DIS <td>the second s</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                    | the second s |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008 Potassium, DIS         9 Energy Lab         C08040387-006D         4/8/2008 E200.7           Uranium One Inc.         M-14         4/8/2008 Selenium, DIS         -0.001         Energy Lab         C08040387-006D         4/8/2008 E200.7           Uranium One Inc.         M-14         4/8/2008 Solium, DIS         15.5         Energy Lab         C08040387-006D         4/8/2008 E200.7           Uranium One Inc.         M-14         4/8/2008 Vanadium, DIS         0.6588 Energy Lab         C08040387-006D         4/8/2008 E200.8           Uranium One Inc.         M-14         4/8/2008 Vanadium, DIS         0.0588 Energy Lab         C08040387-006D         4/8/2008 E200.8           Uranium One Inc.         M-14         4/8/2008 E200.8         Uranium One Inc.         M-14         4/8/2008 E200.8           Uranium One Inc.         M-14         4/8/2008 Gross Alpha, DIS         -0.01 Energy Lab         C08040387-006E         4/8/2008 E200.0           Uranium One Inc.         M-14         4/8/2008 Gross Alpha, DIS         11 Energy Lab         C08040387-006E         4/8/2008 E200.0           Uranium One Inc.         M-14         4/8/2008 Gross Alpha MDC, DIS         12 Energy Lab         C08040387-006E         4/8/2008 E900.0           Uranium One Inc.         M-14         4/8/2008 Gross Beta,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Uranium One Inc.                                                                                               |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008 [Selenium, DIS         -0.001         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008 [Silica, DIS         15.5         Energy Lab         C08040387-006D         4/8/2008         E200.7           Uranium One Inc.         M-14         4/8/2008 [Socium, DIS         0.6588         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008 [Zaous]         0.0558         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008 [Zaous]         -0.1         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008 [Cross Alpha DIS         -0.01         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008 [Cross Alpha DIS         1.1         Energy Lab         C08040387-006E         4/8/2008         E900.0            Uranium One Inc.         M-14         4/8/2008 [Radium D2C, DIS         1.37         Energy Lab         C08040387-006E         4/8/2008 [Radium 226         I////////////////////////////////////                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Nickel, DIS                         | -0.05  | Energy Lab | C08040387-006D | 4/8/2008 E200.8      |                                       |
| Unnium One Inc.         M-14         4/#/2008 [S00.7           Uranium One Inc.         M-14         4/#/2008 [So0.7           Uranium One Inc.         M-14         4/#/2008 [S00.7           Uranium One Inc.         M-14         4/#/2008 [S00.7           Uranium One Inc.         M-14         4/#/2008 [S00.7           Uranium One Inc.         M-14         4/#/2008 [S00.8           Uranium One Inc.         M-14         4/#/2008 [S00.0           Uranium One Inc.         M-14         4/#/2008 [Gross Alpha DIS           Uranium One Inc.         M-14         4/#/2008 [Gross Beta DIS           Uranium One Inc.         M-14         4/#/2008 [Gross Beta DIS           Uranium One Inc.         M-14         4/#/2008 [S00.0           Uranium One Inc.         M-14         4/#/2008 [Gross Beta DIS           Uranium One Inc.         M-14         4/#/2008 [S00.0           Uranium One Inc.         M-14         4/#/2008 [S00.0           Uranium One Inc.         M-14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Potassium, DIS                      | 9      | Energy Lab | C08040387-006D | 4/8/2008 E200.7      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Sodium, DIS         16         Energy Lab         C08040387-006D         4/8/2008         E200.7           Uranium One Inc.         M-14         4/8/2008         Uranium, DIS         0.0588         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008         Zinc, DIS         0.01         Energy Lab         C08040387-006D         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008         Zinc, DIS         0.01         Energy Lab         C08040387-006E         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008         Gross Alpha MDC, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta MDC, DIS         1.2         Energy Lab         C08040387-006E         4/8/2008         E900.0            Uranium One Inc.         M-14         4/8/2008         E900.0         I/2         4/8/2008         E900.0          I/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Selenium, DIS                       | -0.001 | Energy Lab | C08040387-006D | 4/8/2008 E200.8      |                                       |
| Uranium One Inc.         M-14         4/B/2008         Uranium, DIS         0,0588         Energy Lab         CO8040387-006D         4/B/2008         E200.8           Uranium One Inc.         M-14         4/B/2008         Vanaduum, DIS         -0.11         Energy Lab         C08040387-006D         4/B/2008         E200.8           Uranium One Inc.         M-14         4/B/2008         Gross Alpha, DIS         -0.01         Energy Lab         C08040387-006D         4/B/2008         E200.8           Uranium One Inc.         M-14         4/B/2008         Gross Alpha, DIS         354         Energy Lab         C08040387-006E         4/B/2008         E900.0           Uranium One Inc.         M-14         4/B/2008         Gross Beta, DIS         1.1         Energy Lab         C08040387-006E         4/B/2008         E900.0           Uranium One Inc.         M-14         4/B/2008         Gross Beta, DIS         1.37         Energy Lab         C08040387-006E         4/B/2008         E900.0         Uranium One Inc.         M-14         4/B/2008         E900.0         E900.0         Uranium One Inc.         M-14         4/B/2008         E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Silica, DIS                         | 15.5   | Energy Lab | C08040387-006D | 4/8/2008 E200.7      |                                       |
| Uranium One Inc.         M-14         4/8/2008 [Vanadium, DIS         -0.1         Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 [Gross Alpha, DIS         -0.01         Energy Lab         C08040387-006D         4/8/2008 [E300.8           Uranium One Inc.         M-14         4/8/2008 [Gross Alpha, DIS         354 [Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta MDC, DIS         1.31         Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta MDC, DIS         2.4         Energy Lab         C08040387-006E         4/8/2008 [E90.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         3.2.1         Energy Lab         C08040387-006E         4/8/2008 [B00.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008 [B03.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         0.44         Energy Lab         C08040387-006E<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Sodium, DIS                         | 16     | Energy Lab | C08040387-006D | 4/8/2008 E200.7      |                                       |
| Uranium One Inc.         M-14         4/8/2008 [Vanadium, DIS         -0.1         Energy Lab         C08040387-006D         4/8/2008 [E200.8           Uranium One Inc.         M-14         4/8/2008 [Gross Alpha, DIS         -0.01         Energy Lab         C08040387-006D         4/8/2008 [E300.8           Uranium One Inc.         M-14         4/8/2008 [Gross Alpha, DIS         354 [Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta MDC, DIS         1.31         Energy Lab         C08040387-006E         4/8/2008 [E900.0           Uranium One Inc.         M-14         4/8/2008 [Gross Beta MDC, DIS         2.4         Energy Lab         C08040387-006E         4/8/2008 [E90.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         3.2.1         Energy Lab         C08040387-006E         4/8/2008 [B00.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008 [B03.0           Uranium One Inc.         M-14         4/8/2008 [Radium 226, DIS         0.44         Energy Lab         C08040387-006E<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Uranium, DIS                        | 0.0588 | Energy Lab | C08040387-006D | 4/8/2008 E200.8      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Ginss Alpha, DIS         -0.01         Energy Lab         C08040387-006E         4/8/2008         E200.8           Uranium One Inc.         M-14         4/8/2008         Gross Alpha MDC, DIS         354         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Alpha MDC, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta, DIS         137         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta, DIS         137         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Folonium 210, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         FMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, MIC, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008         FMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, MIC, DIS         0.44         E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uranium One Inc.                                                                                               | M-14 |            |                                     | -0.1   | Energy Lab | C08040387-006D | 4/8/2008 E200.8      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Gross Alpha, DIS         354         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Alpha MDC, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta, DIS         1.37         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta, MDC, DIS         2.4         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Polonium 210, DIS         3.1         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008         E903.0            Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0            Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uranium One Inc.                                                                                               | M-14 | 4/8/2008   | Zinc, DIS                           |        |            | C08040387-006D |                      | 1                                     |
| Uranium One Inc.         M-14         4/8/2008         Gross Alpha MDC, DIS         1.1         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta JDS         137         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta MDC, DIS         24         Energy Lab         C08040387-006E         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Lead 210, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         Re03.00           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         36.         Energy Lab         C08040387-006E         4/8/2008         Re03.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         Re03.0           Uranium One Inc.         M-14         4/8/2008         Radium 228 MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228 MDC, DIS         0.1         Energy Lab<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Gross Beta DIS         137         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Gross Beta MDC, DIS         2.4         Energy Lab         C08040387-006E         4/8/2008         E900.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         0.1         Energy Lab         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                |      |            |                                     |        |            |                |                      | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.         M-14         4/8/2008         Gross Beta MDC, DIS         2.4         Energy Lab         C08040387-006E         4/8/2008         E909.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         36         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         3         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0.1         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Lead 210, DIS         32.1         Energy Lab         C08040387-006E         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Polonium 210, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         143         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         3         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, MDC, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 220, DIS         0         Energy Lab         C08040387-006E         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0         Energy Lab         C08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Polonium 210, DIS         3.6         Energy Lab         C08040387-006E         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         143         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 220, DIS         0         1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         143         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0         1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0         1         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                |      |            |                                     |        |            |                |                      | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, DIS         0.44         Energy Lab         C08040387-006E         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         3         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228, MDC, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0.1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0.1         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0.2         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Radium 228, DIS         3         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Radium 228 MDC, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0.1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 220, SUS         0.7         Energy Lab         C08040387-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                |      |            |                                     |        |            |                |                      | <u>}</u>                              |
| Uranium One Inc.         M-14         4/8/2008         Radium 228 MDC, DIS         1         Energy Lab         C08040387-006E         4/8/2008         RA-05           Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0.1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Polonium 210, SUS         2.3         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 230, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Uranium 200, SUS         0.8         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                |      |            |                                     |        |            |                |                      | <b>┼╼</b> ╴╴                          |
| Uranium One Inc.         M-14         4/8/2008         Thorium 230, DIS         0.1         Energy Lab         C08040387-006E         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Polonium 210, SUS         0.3         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                |      |            |                                     |        |            | C09040307-000E |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Lead 210, SUS         0         Energy Lab         C08040387-006F         4/8/2008         E909.0M           Uranium One Inc.         M-14         4/8/2008         Polonium 210, SUS         2.3         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226, MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.8         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium One Inc.         M-14         4/8/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Polonium 210, SUS         2.3         Energy Lab         C08040387-006F         4/8/2008         RMO-3008           Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.8         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E200.8           Uranium One Inc.         M-15         12/31/2007         A/C Balance (± 5), DIS         -3.71         Energy Lab         C08010016-005A         1/3/2008         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Radium 226, SUS         0.6         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.8         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E200.8           Uranium One Inc.         M-15         12/31/2007         A/C Balance (± 5), DIS         -3.71         Energy Lab         C08010016-005A         1/3/2008         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
| Uranium One Inc.         M-14         4/8/2008         Radium 226 MDC, SUS         0.7         Energy Lab         C08040387-006F         4/8/2008         E903.0           Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.8         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E200.8           Uranium One Inc.         M-15         12/31/2007         A/C Balance (± 5), DIS         -3.71         Energy Lab         C08010016-005A         1/3/2008         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                |      |            |                                     |        |            |                |                      | +                                     |
| Uranium One Inc.         M-14         4/8/2008         Thorium 230, SUS         0.8         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E907.0           Uranium One Inc.         M-14         4/8/2008         Uranium, SUS         -0.0003         Energy Lab         C08040387-006F         4/8/2008         E200.8           Uranium One Inc.         M-15         12/31/2007         A/C Balance (± 5), DIS         -3.71         Energy Lab         C08010016-005A         1/3/2008         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                |      |            |                                     |        |            |                |                      | <u></u>                               |
| Uranium One Inc.         M-14         4/8/2008 Uranium, SUS         -0.0003 Energy Lab         C08040387-006F         4/8/2008 E200.8           Uranium One Inc.         M-15         12/31/2007 A/C Balance (± 5), DIS         -3.71 Energy Lab         C08010016-005A         1/3/2008 Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc. M-15 12/31/2007 A/C Balance (± 5), DIS -3.71 Energy Lab C08010016-005A 1/3/2008 Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                |      |            |                                     |        |            |                |                      | <u> </u>                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                |      |            |                                     |        |            |                |                      | <u></u>                               |
| Uranium One Inc. M-15 J 12/31/2007 Anions, DIS 10.6 Energy Lab C08010016-005A 1/3/2008 Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                |      |            |                                     |        |            |                |                      |                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uranium One Inc.                                                                                               | M-15 |            |                                     |        |            | C08010016-005A | 1/3/2008 Calculation |                                       |
| Uranium One Inc. M-15 12/31/2007 Bicarbonate as HCO3, DIS 253 Energy Lab C08010016-005A 1/3/2008 A2320 B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc.                                                                                               |      |            |                                     |        |            |                |                      |                                       |
| Uranium One Inc. M-15 12/31/2007 Carbonate as CO3, DIS 0.5 Energy Lab C08010016-005A 1/3/2008 A2320 B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.                                                                                               | M-15 |            |                                     | 0.5    | Energy Lab | C08010016-005A | 1/3/2008 A2320 B     |                                       |
| Uranium One Inc. M-15 12/31/2007 Cations, DIS 9.81 Energy Lab C08010016-005A 1/3/2008 Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Uranium One Inc.                                                                                               | M-15 | 12/31/2007 | Cations, DIS                        | 9.81   | Energy Lab | C08010016-005A | 1/3/2008 Calculation |                                       |

| Uranium One Inc. | M-15    | 12/31/2007 Chloride, DIS                           | 715      | nergy Lab  | C08010016-005A  | 1/3/2008    | A4500-CI B  | T |
|------------------|---------|----------------------------------------------------|----------|------------|-----------------|-------------|-------------|---|
| Uranium One Inc. | M-15    | 12/31/2007 Conductivity, DIS                       |          | nergy Lab  | C08010016-005A  |             | A2510 B     | + |
| Uranium One Inc. | M-15    | 12/31/2007 Fluoride, DIS                           |          | nergy Lab  | C08010016-005A  |             | A4500-F C   | + |
|                  | M-15    | 12/31/2007 pH. DIS                                 |          | nergy Lab  | C08010016-005A  |             | A4500-H B   |   |
| Uranium One Inc. | M-15    | 12/31/2007 Solids, Total Dissolved Calculated, DIS |          | nergy Lab  | C08010016-005A  |             | Calculation | + |
| Uranium One Inc. | M-15    | 12/31/2007 Solids, Total Dissolved Calculated, DIS |          | Inergy Lab | C08010016-005A  |             | A2540 C     |   |
| Uranium One Inc. | M-15    | 12/31/2007 Sulfate, DIS                            |          | Inergy Lab | C08010016-005A  |             | A4500-SO4 E |   |
| Uranium One Inc. |         | 12/31/2007 TDS Balance (0.80 - 1.20), DIS          | 290 E    | nergy Lab  | C08010016-005A  |             | Calculation | + |
| Uranium One Inc. | M-15    |                                                    |          |            | C08010016-005B  |             | A4500-NH3 G | · |
| Uranium One Inc. | M-15    | 12/31/2007 Nitrogen, Ammonia as N, DIS             |          | nergy Lab  |                 | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Nitrogen, Nitrate+Nitrite as N, DIS     |          |            | C08010016-005B  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Iron, TOT                               |          | nergy Lab  | C08010016-005C  |             |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Manganese, TOT                          |          | nergy Lab  | C08010016-005C  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Aluminum, DIS                           |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Arsenic, DIS                            |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Banum, DIS                              |          | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Boron, DIS                              |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Cadmium, DIS                            |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Calcium, DIS                            |          | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Chromium, DIS                           |          | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Copper, DIS                             |          | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Iron, DIS                               |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             | ļ |
| Uranium One Inc. | M-15    | 12/31/2007 Lead, DIS                               |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Magnesium, DIS                          | 15 E     | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Manganese, DIS                          |          | Inergy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Mercury, DIS                            | <.001 E  | Energy Lab | C08010016-005D  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Molybdenum, DIS                         | <0.1 E   | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Nickel, DIS                             | <0.05 E  | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Potassium, DIS                          | 2 E      | Energy Lab | C08010016-005D  | 1/3/2008    | E200.7      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Selenium, DIS                           | 0.0005 E | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Silica, DIS                             | 19.3 E   | Energy Lab | C08010016-005D  | 1/3/2008    | E200.7      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Sodium, DIS                             | 23 E     | Energy Lab | C08010016-005D  | 1/3/2008    | E200.7      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Uranium, DIS                            | 0.0005 E | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Vanadium, DIS                           | <0.1 E   | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Zinc, DIS                               | 0.005 E  | Energy Lab | C08010016-005D  | 1/3/2008    | E200.8      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Gross Alpha, DIS                        |          | Energy Lab | C08010016-005E  | 1/3/2008    | E900.0      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Gross Beta, DIS                         | 11.1 E   | Energy Lab | C08010016-005E  | 1/3/2008    | E900.0      |   |
| Uranium One Inc. | M-15    | 12/31/2007 Radium 226, DIS                         | 3.9 E    | Energy Lab | C08010016-005E  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 12/31/2007 Radium 228, DIS                         |          | Energy Lab | C08010016-005E  | 1/3/2008    |             |   |
| Uranium One Inc. | M-15    | 4/2/2008 A/C Balance (± 5), DIS                    | 2.59 E   | Energy Lab | C08040167-002A  | 4/3/2008    | Calculation |   |
| Uranium One Inc. | M-15    | 4/2/2008 Anions, DIS                               | 11.6 E   | Energy Lab | C08040167-002A  | 4/3/2008    | Calculation |   |
| Uranium One Inc. | M-15    | 4/2/2008 Bicarbonate as HCO3, DIS                  |          | Energy Lab | C08040167-002A  | 4/3/2008    | A2320 B     |   |
| Uranium One Inc. | M-15    | 4/2/2008 Carbonate as CO3, DIS                     |          | Energy Lab | C08040167-002A  | 4/3/2008    | A2320 B     |   |
| Uranium One Inc. | M-15    | 4/2/2008 Cations, DIS                              |          | Energy Lab | C08040167-002A  |             | Calculation |   |
| Uranium One Inc. | M-15    | 4/2/2008 Chloride, DIS                             |          | Energy Lab | C08040167-002A  |             | A4500-CI B  |   |
| Uranium One Inc. | M-15    | 4/2/2008 Conductivity, DIS                         |          | Energy Lab | C08040167-002A  |             | A2510 B     |   |
| Uranium One Inc. | M-15    | 4/2/2008 Fluoride, DIS                             |          | Energy Lab | C08040167-002A  |             | A4500-F C   |   |
| Uranium One Inc. | M-15    | 4/2/2008 pH, DIS                                   | 7.511    | Energy Lab | C08040167-002A  |             | A4500-H B   | 1 |
| Uranium One Inc. | M-15    | 4/2/2008 Solids, Total Dissolved Calculated, DIS   | 70816    | Energy Lab | C08040167-002A  |             | Calculation |   |
| Uranium One Inc. | M-15    | 4/2/2008 Solids, Total Dissolved TDS @ 180 C, DIS  |          | Energy Lab | C08040167-002A  |             | A2540 C     |   |
| Uranium One Inc. | M-15    | 4/2/2008 Sulfate, DIS                              |          | Energy Lab | C08040167-002A  |             | A4500-SO4 E |   |
| Uranium One Inc. | M-15    | 4/2/2008 TDS Balance (0.80 - 1.20), DIS            |          | Energy Lab | C08040167-002A  |             | Calculation | 1 |
| Uranium One Inc. | M-15    | 4/2/2008 Nitrogen, Ammonia as N, DIS               |          | Energy Lab | C08040167-002B  |             | A4500-NH3 G | + |
| Uranium One Inc. | M-15    | 4/2/2008 Nitrogen, Nitrate+Nitrite as N, DIS       |          | Energy Lab | C08040167-002B  |             | E353.2      |   |
| Uranium One Inc. | M-15    | 4/2/2008 Iron, TOT                                 |          | Energy Lab | C08040167-002C  | 4/3/2008    |             |   |
|                  | M-15    | 4/2/2008 Manganese, TOT                            |          | Energy Lab | C08040167-002C  | 4/3/2008    |             |   |
| Uranium One Inc. | 11VI-12 |                                                    | 0.15[E   | nergy Lao  | 1000040107-0020 | <del></del> | 1-200.1     |   |



| Uranium One Inc.                     | M-16   | 40/00/0007 | Manganese, TOT                           |       |             | 007404000 0040 |                      |              |
|--------------------------------------|--------|------------|------------------------------------------|-------|-------------|----------------|----------------------|--------------|
|                                      | M-16   |            |                                          |       |             | C07121289-004C | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Aluminum, DIS<br>Arsenic, DIS            |       |             | C07121289-004D | 12/31/2007 E200.8    | L            |
| Uranium One Inc.<br>Uranium One Inc. | M-16   |            | Barium, DIS                              |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
|                                      | IM-16  |            |                                          |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     |        |            | Boron, DIS                               |       |             | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Cadmium, DIS                             |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Calcium, DIS                             |       |             | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Chromium, DIS                            |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Copper, DIS                              |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 |                                          |       |             | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 |                                          |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Magnesium, DIS                           |       |             | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Manganese, DIS                           |       |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Mercury, DIS                             |       | Energy Lab  | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Molybdenum, DIS                          | -0.1  |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Nickel, DIS                              | -0.05 | Energy Lab  | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Potassium, DIS                           | 6     |             | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Selenium, DIS                            | 0.001 | Energy Lab  | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 |                                          | 19.4  | Energy Lab  | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Sodium, DIS                              |       | Energy Lab  | C07121289-004D | 12/31/2007 E200.7    |              |
| Uranium One Inc.                     | M-16   |            | Uranium, DIS                             | 0.639 |             | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   |            | Vanadium, DIS                            | -0.1  | Energy Lab  | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 |                                          | -0.01 | Energy Lab  | C07121289-004D | 12/31/2007 E200.8    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Gross Alpha, DIS                         | 797   | Energy Lab  | C07121289-004E | 12/31/2007 E900.0    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Gross Beta, DIS                          | 290   | Energy Lab  | C07121289-004E | 12/31/2007 E900.0    | 1            |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Radium 226, DIS                          | 223   | Energy Lab  | C07121289-004E | 12/31/2007 E903.0    |              |
| Uranium One Inc.                     | M-16   | 12/29/2007 | Radium 228, DIS                          | -1    | Energy Lab  | C07121289-004E | 12/31/2007 RA-05     |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | A/C Balance (± 5), DIS                   | 3.01  | Energy Lab  | C08040167-004A | 4/3/2008 Calculation | 1            |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Anions, DIS                              |       |             | C08040167-004A | 4/3/2008 Calculation |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Bicarbonate as HCO3, DIS                 | 144   |             | C08040167-004A | 4/3/2008 A2320 B     | 1            |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Carbonate as CO3, DIS                    | 11    | Energy Lab  | C08040167-004A | 4/3/2008 A2320 B     | 1            |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Cations, DIS                             |       |             | C08040167-004A | 4/3/2008 Calculation |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Chloride, DIS                            | 2     | Energy Lab  | C08040167-004A | 4/3/2008 A4500-CI B  |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Conductivity, DIS                        | 368   | Energy Lab  | C08040167-004A | 4/3/2008 A2510 B     |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Fluoride, DIS                            |       |             | C08040167-004A | 4/3/2008 A4500-F C   |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | pH, DIS                                  |       |             | C08040167-004A | 4/3/2008 A4500-H B   |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Solids, Total Dissolved Calculated, DIS  |       |             | C08040167-004A | 4/3/2008 Calculation | 1            |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Solids, Total Dissolved TDS @ 180 C, DIS |       |             | C08040167-004A | 4/3/2008 A2540 C     |              |
| Uranium One Inc.                     | M-16   |            | Sulfate, DIS                             |       |             | C08040167-004A | 4/3/2008 A4500-SO4 E |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | TDS Balance (0.80 - 1.20), DIS           |       |             | C08040167-004A | 4/3/2008 Calculation |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Nitrogen, Ammonia as N, DIS              |       |             | C08040167-004B | 4/3/2008 A4500-NH3 G |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Nitrogen, Nitrate+Nitrite as N, DIS      |       |             | C08040167-004B | 4/3/2008 E353.2      |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Iron, TOT                                |       |             | C08040167-004C | 4/3/2008 E200.7      | <u></u>      |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Manganese, TOT                           |       |             | C08040167-004C | 4/3/2008 E200.7      | t            |
| Uranium One Inc.                     | M-16   |            | Aluminum, DIS                            |       |             | C08040167-004D | 4/3/2008 E200.7      | <b>1</b>     |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Arsenic, DIS                             |       |             | C08040167-004D | 4/3/2008 E200.8      |              |
| Uranium One Inc.                     | M-16   | 4/2/2008   | Barium, DIS                              |       |             | C08040167-004D | 4/3/2008 E200.7      |              |
| Uranium One Inc.                     | M-16   |            | Boron, DIS                               |       |             | C08040167-004D | 4/3/2008 E200.7      | *            |
| Uranium One Inc.                     | M-16   |            | Cadmlum, DIS                             |       |             | C08040167-004D | 4/3/2008 E200.8      | <u> </u>     |
| Uranium One Inc.                     | M-16   |            | Calcium, DIS                             |       |             | C08040167-004D | 4/3/2008 E200.7      | <u>+</u>     |
| Uranium One Inc.                     | M-16   |            | Chromium, DIS                            |       |             | C08040167-004D | 4/3/2008 200.7       | <del>{</del> |
| Uranium One Inc.                     | M-16   |            | Copper, DIS                              |       |             | C08040167-004D | 4/3/2008 E200.7      | <u> </u>     |
| Uranium One Inc.                     | M-16   |            | Iron, DIS                                |       |             | C08040167-004D | 4/3/2008 E200.7      | <u> </u>     |
| Uranium One Inc.                     | M-16   |            | Lead, DIS                                |       |             | C08040167-004D | 4/3/2008 E200.8      | <u></u>      |
| Uranium One Inc.                     | M-16   |            | Magnesium, DIS                           |       |             | C08040167-004D | 4/3/2008 2200.8      | <u></u>      |
| Community offering.                  | 101.10 | 1 7212000  |                                          | 4     | Linergy Lab | 000000000000   |                      | d            |

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| Unbahl, One Lu.         M+8         402000         Managateria, DB         402100         4020000         20007           Unbahl, One Lu.         M+8         4020000         Managateria, DB         4020000         20007           Unbahl, One Lu.         M+8         4020000         Managateria, DB         4020000         20007         4020000         20007           Unbahl, One Lu.         M+8         4020000         Managateria, DB         4020000         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         20007         4020000         2000000         2000000         402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |        |                               |                                    |                   |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|-------------------------------|------------------------------------|-------------------|---------------------------------------|
| Unameno Inc.         Me 16         472008 [Modeginum, DB         -0.1 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422001 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422001 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2006           Unameno Dis Inc.         Me 16         422001 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2007           Unameno Dis Inc.         Me 16         422000 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2007           Unameno Dis Inc.         Me 16         422000 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422000 [Seaturn], DB         -0.0 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422000 [Seaturn], DB         -1.4 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422000 [Seaturn], DB         -1.4 [Energy Lab         C0040167:00-00         432000 [2003           Unameno Dis Inc.         Me 16         422000 [Reduin], 20, DB         -2.1 [Energy Lab         C004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Uranium One Inc. | M-16   | 4/2/2008 Manganese, DIS       | -0.01 Energy Lab C08040167-004D    | 4/3/2008 E200.7   |                                       |
| Unmano One Inc.         M-15         4/20008 (bridge, DB         0.05         particular bits.         M-15         4/20008 (bridge, DB           Unmano One Inc.         M-16         4/20008 (bridge, DB         D.0011 (bridge, DB         0.0011 (bridge, DB         4/20008 (bridge, DB           Unmano One Inc.         M-16         4/20008 (bridge, DB         D.0011 (bridge, DB         0.0011 (bridge, DB         4/20008 (bridge, DB           Unmano One Inc.         M-16         4/20008 (bridge, DB         D.0011 (bridge, DB         4/2008 (bridge, DB           Unmano One Inc.         M-16         4/20008 (bridge, DB         D.0011 (bridge, DB         4/2001 (bridge, DB         4/20008 (bridge, DB           Unano One Inc.         M-16         4/20008 (bridge, DB         D.0011 (bridge, DB         4/2011 (bridge, DB <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |        |                               |                                    |                   |                                       |
| Unable One Inc.         M+16         4/22008 [Speciation, DIS         4/2 Exemp tab.         Colsection of the Cols                   |                  |        |                               |                                    |                   |                                       |
| Unaban One Ine         N+16         4/22008 [Selentim, DfS         0.002 [Energy Lab.         009904077-0040         4/32006 [Eno. 9           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         10 [Energy Lab.         009904077-0040         4/32008 [Eno. 1           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         0.11 [Energy Lab.         009904077-0040         4/32008 [200.7           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         0.01 [Energy Lab.         009904077-0040         4/32008 [200.7           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         0.01 [Energy Lab.         009904077-0040         4/32008 [200.7           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         0.01 [Energy Lab.         000904077-0040         4/32008 [Selentim, DfS           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         1.1 [Energy Lab.         000904077-0042         4/32028 [Selentim, DfS           Unaban One Ine,         N+16         4/22008 [Selentim, DfS         3.1 [Energy Lab.         000904077-0042         4/32028 [Selentim, DfS           Unaban One Ine,         N+16         4/22008 [Pacima 210, DfS         2.1 [Energy Lab.         000904077-0042         4/32028 [Selentim, DfS           Unaban One Ine,         N+16         4/22008 [Pacima 210,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |        |                               | -0.05 Energy Lab C08040167-004D    |                   |                                       |
| Unation One Inc.         M-16         4/22008 [Selon Intr. DIS         0.002 [Exerg Lab         0.0304/017-0040         4/22008 [Selon 2]           Unation One Inc.         M-16         4/22008 [Selon 2]         0.0304/017-0040         4/22008 [Selon 2]           Unation One Inc.         M-16         4/22008 [Januar, DIS         0.080         0.0001/07-0040         4/02008 [Zelon 7]           Unation One Inc.         M-16         4/22008 [Januar, DIS         0.080         0.0001/07-0040         4/02008 [Zelon 7]           Unation One Inc.         M-16         4/22008 [Zelon 7]         0.0001/07-0040         4/02008 [Zelon 7]           Unation One Inc.         M-16         4/22008 [Celon 7]         0.0001/07-0040         4/02008 [Zelon 7]           Unation One Inc.         M-16         4/22008 [Celon 8]         0.0001/07-0040         4/02008 [Selon 7]           Unation One Inc.         M-16         4/22008 [Celon 8]         0.0001/07-0040         4/02008 [Selon 7]           Unation One Inc.         M-16         4/22008 [Selon 7]         0.0001/07-0044         4/02008 [Selon 7]           Unation One Inc.         M-16         4/22008 [Selon 7]         0.0001/07-0044         4/02008 [Selon 7]           Unation One Inc.         M-16         4/22008 [Selon 7]         0.0001/07-0044         4/02008 [Selon 7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Uranium One Inc. | M-16   | 4/2/2008 Potassium, DIS       | 4 Energy Lab C08040167-004D        | 4/3/2008 E200.7   |                                       |
| Unaban One Ins.         M-16         4/22008 [Sodim, DIS         15] Exergr Lab.         S02904075-0040         4/22008 [Zodo, T           Unaban One Ins.         M-18         4/22008 [Zodo, T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uranium One Inc. | M-16   | 4/2/2008 Selenium, DIS        |                                    |                   |                                       |
| Unaban One Ins.         M-16         4/22008 [Sodim, DIS         15] Exergr Lab.         S02904075-0040         4/22008 [Zodo, T           Unaban One Ins.         M-18         4/22008 [Zodo, T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uranium One Inc. | M-16   | 4/2/2008 Silica, DIS          | 19.1 Energy Lab C08040167-004D     | 4/3/2008 E200.7   |                                       |
| Unaben One Inc.         M-16         44/2006 [20:01 mm, DIS         0.200 [Earry Lab         0.0004/07-0400         44/2006 [20:01 mm]           Umaina Due Inc.         M-15         44/2008 [20:01 mm]         0.000         0.0004/07-0400         44/2006 [20:01 mm]           Umaina Due Inc.         M-16         44/2008 [20:01 mm]         0.000         0.0004/07-0400         44/2006 [20:01 mm]           Unaben Due Inc.         M-16         44/2008 [Coses Alpha MC, DIS         44/2         Earry Lab         C0840407-0404         44/2006 [20:00 mm]           Unaben Due Inc.         M-16         44/2008 [Coses Bella DLS         44/2         Earry Lab         C0840407-0404         44/2006 [20:00 mm]           Unaben Due Inc.         M-16         44/2008 [Adue Int 20:00 mm]         3.8         Earry Lab         C0840407-0404         44/2006 [20:00 mm]           Unaben Due Inc.         M-16         44/2008 [Radum 22:00 MG, Cose         3.8         Earry Lab         C0840407-0404         44/2006 [Radum 20:00 MG           Unaben Due Inc.         M-16         44/2008 [Radum 22:00 MG, Cose         3.8         Earry Lab         C0840407-0044         44/2006 [Radum 20:00 MG           Unaben Due Inc.         M-16         44/2008 [Radum 22:00 MG, Cose         3.8         Earry Lab         C08404070-044         44/2006 [Radum 20:00 MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Uranium One Inc. | M-16   | 4/2/2008 Sodium, DIS          | 15 Energy Lab C08040167-004D       |                   |                                       |
| Unable De Ine         M-16         4/2208 [20:07]           Unable Die Ine         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Uranium One Inc. | M-16   | 4/2/2008 Uranium, DIS         |                                    | 4/3/2008 E200.8   |                                       |
| Unability         On Element Jab         Cool Dispert Jab         Cool Origination of the Cool Dispert Jab         Cool Disper                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc. | M-16   | 4/2/2008 Vanadium, DIS        | -0.1 Energy Lab C08040167-004D     |                   |                                       |
| Unaima One Inc.         M-16         44/22008 (Gross Alpha JOC) DIS         197 Escrety Lab.         COBACHTG-704E         44/22008 (Eros Job Mark MC)           Unaima One Inc.         M-16         44/22008 (Gross Beta, JOS)         14 Escrety Lab.         COBACHTG-704E         44/22008 (Eros Job Mark MC)           Unaima One Inc.         M-16         44/22008 (Gross Beta, JOS)         24 Escrety Lab.         COBACHTG-704E         44/22008 (Eros Job Mark MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOS)         78 [Escrety Lab.         COBACHTG-704E         44/22008 (Frost Beta, JOB MARK MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOB MARK MC)         78 [Escrety Lab.         COBACHTG-704E         44/22008 (Frost Beta, JOB MARK MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOB MARK MC)         0.2 [Escrety Lab.         COBACHTG-704E         44/22008 (Frost Beta, JOB MARK MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOB MARK MC)         0.2 [Escrety Lab.         COBACHTG-704E         44/22008 (Frost Beta, JOB MARK MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOB MARK MC)         0.2 [Escrety Lab.         COBACHTG-704E         44/22008 (Frost Beta, JOB MARK MC)           Unaima One Inc.         M-16         44/22008 (Frost Beta, JOB MARK MC)         0.2 [Escrety Lab. <td>Uranium One Inc.</td> <td>M-16</td> <td>4/2/2008 Zinc, DIS</td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc. | M-16   | 4/2/2008 Zinc, DIS            |                                    |                   |                                       |
| Unanium One Inc.         M-16         44/22008 Gross Alpha MCC, DIS         1.4 Energy Lab         ColeVider 7-OdE         4/22008 [505:0           Uranium One Inc.         M-16         44/22008 Gross Bela, DIS         4.4 Energy Lab         ColeVider 7-OdE         4/22008 [505:0           Uranium One Inc.         M-16         44/22008 [coss Bela, MCC, DIS         2.4 Energy Lab         ColeVider 7-OdE         4/22008 [coss Od           Uranium One Inc.         M-16         44/22008 [cost Bela, MCC, DIS         2.8 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -         2.7 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -         2.7 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -         2.7 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -         2.2 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -         2.2 Energy Lab         ColeVider 7-OdE         4/22008 [cost 0: -           Uranium One Inc.         M-16         44/22008 [cost 0: -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uranium One Inc. | M-16   | 4/2/2008 Gross Alpha, DIS     |                                    |                   |                                       |
| Unable Date Ma.         M-16         44/2008 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [5003 [500 | Uranium One Inc. | M-16   | 4/2/2008 Gross Alpha MDC, DIS |                                    |                   |                                       |
| Umain One Inc.         M-16         4/22008 (Forse Sets INDC, DIS         2.4 (Lerry Lab. C00840167-004E         4/22008 (E000.0           Uranism One Inc.         M-16         4/22008 (Poolum 210, DIS         78.1 (Enery Lab. C00840167-004E         4/22008 (Poolum 20, DIS           Uranism One Inc.         M-16         4/22008 (Poolum 20, DIS         78.1 (Enery Lab. C00840167-004E         4/22008 (Poolum 20, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         2.2 (Enery Lab. C00840167-004E         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         2.2 (Enery Lab. C00840167-004E         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         2.2 (Enery Lab. C00840167-004E         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         2.2 (Enery Lab. C00840167-004F         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         2.2 (Enery Lab. C00840167-004F         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         0.2 (Enery Lab. C00840167-004F         4/22008 (Paolum 228, DIS           Uranism One Inc.         M-16         4/22008 (Paolum 228, DIS         0.2 (Enery Lab. C00840167-004F         4/22008 (Paolum 228,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Uranium One Inc. | M-16   |                               |                                    |                   |                                       |
| Unaimal One Inc.         M-16         4/22008 [Lead 210, D]S         To 11 Exergy Lab.         C08040167-004E         4/3/2008 [E003 0M           Uraniam One Inc.         M-16         4/22008 [Padium 228 0C; D]S         231 Exergy Lab.         C08040167-004E         4/3/2008 [E003 0           Uraniam One Inc.         M-16         4/22008 [Padium 228 0C; D]S         0.22 Exergy Lab.         C08040167-004E         4/3/2008 [E003 0           Uraniam One Inc.         M-16         4/22008 [Padium 228 0C; D]S         0.22 Exergy Lab.         C08040167-004E         4/3/2008 [Padium 228 0C; D]S           Uraniam One Inc.         M-16         4/22008 [Padium 228 0C; D]S         0.4 Exergy Lab.         C08040167-004E         4/3/2008 [Padium 226 0C; D]S           Uraniam One Inc.         M-16         4/22008 [Padium 226 0C; D]S         0.2 Exergy Lab.         C08040167-04E         4/3/2008 [Padium 226 0C; D]S           Uraniam One Inc.         M-16         4/22008 [Padium 226 0C; D]S         0.2 Exergy Lab.         C08040167-04E         4/3/2008 [Padium 226 0C; D]S           Uraniam One Inc.         M-16         4/22008 [Padium 226 0C; D]S         0.4 Exergy Lab.         C08040167-04E         4/3/2008 [Padium 226 0C; D]S           Uraniam One Inc.         M-16         4/22008 [Padium 226 0C; D]S         0.4 Exergy Lab.         C08040167-04E         4/3/2008 [Padium 226 0C; D]S      <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |        |                               |                                    |                   | · · · · · · · · · · · · · · · · · · · |
| Upmain One Inc.         M+16         4/22026 Pacimum 230, DIS         38 Exerry Lab.         C02040167-004E         4/22020 Pacimum 23, DIS           Unaium One Inc.         M+16         4/22020 Pacimum 23, DIS         231 Exerry Lab.         C00040167-004E         4/32200 Pacimum 23, DIS           Unaium One Inc.         M+16         4/22020 Pacimum 23, DIS         2.5 Exerry Lab.         C00040167-004E         4/32200 Pacimum 23, DIS           Unaium One Inc.         M+16         4/22020 Pacimum 23, DIS         0.4 Exerry Lab.         C00040167-004E         4/32200 Pacimum 23, DIS           Unaium One Inc.         M+16         4/22020 Facimum 23, DIS         0.4 Exerry Lab.         C00040167-004E         4/32200 Pacimum 23, DIS           Uraium One Inc.         M+16         4/22020 Facimum 23, DIS         0.4 Exerry Lab.         C00040167-004F         4/32200 Pacimum 23, DIS           Uraium One Inc.         M+16         4/22020 Facimum 23, DIS         0.4 Exerry Lab.         C00040167-04F         4/32200 Pacimum 23, DIS           Uraium One Inc.         M+16         4/22020 Facimum 23, DIS         0.0 Exerry Lab.         C00040167-04F         4/32200 Facimum 23, DIS           Uraium One Inc.         M+16         4/22008 Facimum 23, DIS         0.0 Exerry Lab.         C00040167-04F         4/32200 Facimum 23, DIS           Uraium One Inc.         M+16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |        |                               |                                    |                   |                                       |
| Unasian One Inc.         M+16         4472008 [Edubur 226, DIS         231 Energy Lab.         COB040167-004E         4472008 [E033.0           Unasian One Inc.         M+16         4272008 [Edubur 228, DIS         2.5 Energy Lab.         COB040167-004E         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         2.5 Energy Lab.         COB040167-004E         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         0.1 Energy Lab.         COB040167-004E         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         0.2 Energy Lab.         COB040167-04F         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         0.2 Energy Lab.         COB040167-04F         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         0.2 Energy Lab.         COB040167-04F         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         0.0007 [Edurery Lab.         COB04167-04F         4472008 [Edubur 228, DIS           Urasian One Inc.         M+16         4272008 [Edubur 228, DIS         1.1 Energy Lab.         COB04167-04F         4472008 [Edubur 228, DIS           Urasian One Inc. </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |        |                               |                                    |                   |                                       |
| Unmain One Inc.         M-16         4472008 [Radium 228 MOC, DIS         0.22 Energy Lab         COB0040167-OO4E         4472008 [Radium 228 MOC, DIS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, DIS         1.1 Energy Lab         COB0040167-OO4E         4472008 [Radium 228 MOC, DIS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, DIS         1.1 Energy Lab         COB0040167-OO4E         4472008 [Radium 228 MOC, DIS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, DIS         3.2 Energy Lab         COB0040167-OO4E         4472008 [Radium 228 MOC, DIS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, SUS         3.2 Energy Lab         COB0040167-OO4F         4472008 [Radium 228 MOC, SUS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, SUS         0 Energy Lab         COB0040167-OO4F         4472008 [Radium 228 MOC, SUS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, SUS         0 Energy Lab         COB004167-OO4F         4472008 [Radium 228 MOC, SUS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, SUS         0 Energy Lab         COB040167-OO4F         4472008 [Radium 228 MOC, SUS           Unamium One Inc.         M-16         4472008 [Radium 228 MOC, SUS         0 Energy Lab         COB040167-OO4F         4472008 [Ra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |        |                               |                                    |                   | <u> </u>                              |
| Uranium One Inc.         M-16         4/22008         Radium 228, DIS         2.2         Exercy Lab         C08040167-004E         4/22008         RA-05           Uranium One Inc.         M-16         4/22008         Thorum 230, DIS         0.4         Lencry Lab         C08040167-004E         4/22008         RA-05           Uranium One Inc.         M-16         4/22008         Float         C08040167-004F         4/22008         Float         Floa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         M-16         4/22008 [Radium 228 MDC, DIS         1.1 [zenzy Lab.         C08040167-004E         4/32008 [E07.0           Uranium One Inc.         M-16         4/22008 [E07.0         0.1 [zenzy Lab.         C08040167-004F         4/32008 [E07.0           Uranium One Inc.         M-16         4/22008 [E07.0         0.2 [zenzy Lab.         C08040167-004F         4/32008 [E07.0           Uranium One Inc.         M-16         4/22008 [Radium 226, SUS         0.2 [zenzy Lab.         C08040167-004F         4/32008 [E07.0           Uranium One Inc.         M-16         4/22008 [Radium 226, SUS         0.2 [zenzy Lab.         C08040167-004F         4/32008 [E03.0           Uranium One Inc.         M-16         4/22008 [Radium 226, MOC, SUS         0.007 [zenzy Lab.         C08040167-004F         4/32008 [E03.0           Uranium One Inc.         M-16         3/22008 [Arcio Balance (15, DIS         1.15 [zenzy Lab.         C08040167-004F         4/32008 [Z00.8           Uranium One Inc.         MP-16         3/282008 [Arcio Balance (15, DIS         1.15 [zenzy Lab.         C080401238-002A         3/292008 [Ac230.8           Uranium One Inc.         MP-16         3/282008 [Carlonata as HCO3, DIS         3.65 [zenzy Lab.         C08031238-002A         3/292008 [Ac30.8           Uranium One Inc.         MP-16         3/282008 [Carlo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |        |                               | 2.5 Francischer 1 - C08040107-004E |                   | ·····                                 |
| Unaima One Inc.         M-16         4/2/2008         Information 200         C2004/0167-004E         4/2/2008         E007.0           Unaima One Inc.         M-16         4/2/2008         Polonimu 210, SUS         32         Energy Lab.         C008/0167-004F         4/3/2008         E009.0M           Unaima One Inc.         M-16         4/2/2008         Radium 226, SUS         C2         Energy Lab.         C008/0167-004F         4/3/2008         E003.0           Unaima One Inc.         M-16         4/2/2008         Radium 226, MOC, SUS         O         Energy Lab.         C008/0167-004F         4/3/2008         E003.0           Unaima One Inc.         M-16         4/2/2008         Indiana SUS         O         Energy Lab.         C008/0167-004F         4/3/2008         E003.0           Unaima One Inc.         M-16         4/2/2008         Indiana SUS         0.0001         Energy Lab.         C008/0167-004F         4/3/2008         E007.0         Indiana SUS         0.0001         Energy Lab.         C008/0167-004F         4/3/2008         E007.0         Indiana SUS         0.0001         Energy Lab.         C008/0167-004F         4/3/2008         E008.0         Indiana SUS         0.0001         Energy Lab.         C008/0167-004F         4/3/2008         E008.0         Indiana SUS<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |        |                               | 1.1 Energy Lab (000040107-004E     |                   |                                       |
| Uranium One Inc.         M-16         4/22008 [ead 210, SUS         22.9 [Earry Lab         C08040167-004F         4/22008 [ed0/m]           Uranium One Inc.         M-16         4/22008 [Radium 226, SUS         0.2 [Earry Lab         C08040167-004F         4/32008 [Ed03.0           Uranium One Inc.         M-16         4/22008 [Radium 226, SUS         0.2 [Earry Lab         C08040167-004F         4/32008 [Ed03.0           Uranium One Inc.         M-16         4/22008 [Thorium 230, SUS         0.4 Earry Lab         C08040167-004F         4/322008 [Ed03.0           Uranium One Inc.         M-16         4/22008 [Thorium 230, SUS         0.007         Earry Lab         C08040167-004F         4/322008 [Ed03.0           Uranium One Inc.         MP-16         3/282/2008 [Jacntonate as HCO3.0]S         1.15 [Earry Lab         C08031238-002A         3/282/2008 [Calculation           Uranium One Inc.         MP-16         3/282/2008 [Calculation SCO3.0]S         1.15 [Earry Lab         C08031238-002A         3/282/2008 [Calculation           Uranium One Inc.         MP-16         3/282/2008 [Calculation SCO3.0]S         1.15 [Earry Lab         C08031238-002A         3/282/2008 [A320.8]           Uranium One Inc.         MP-16         3/282/2008 [Calculation SCO3.0]S         1.5 [Earry Lab         C08031238-002A         3/282/2008 [A350.4]           Uranium One I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |        |                               |                                    |                   |                                       |
| Uranism One Inc.         M+16         4/2/2008 [Radium 226, SUS         4.8 [Energy Lab         C08040167-004F         4/2/2008 [Rodium 226, SUS           Uranism One Inc.         M+16         4/2/2008 [Radium 226, SUS         0.2 [Energy Lab         C08040167-004F         4/2/2008 [Padium 226, SUS           Uranism One Inc.         M+16         4/2/2008 [Radium 226, SUS         0.2 [Energy Lab         C08040167-004F         4/2/2008 [Padium 226, SUS           Uranism One Inc.         M+16         4/2/2008 [Arc Balance (a 5, DUS         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15         1.15 <td></td> <td></td> <td></td> <td></td> <td></td> <td><del>{</del></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |        |                               |                                    |                   | <del>{</del>                          |
| Urnaim One Inc.         M-16         4/2/2008 Radjum 226, SUS         O.2 Energy Lab         C08040167-004F         4/2/2008 [E033.0           Urnaim One Inc.         M-16         4/2/2008 Radjum 226, SUS         O.4 Energy Lab         C08040167-004F         4/3/2008 [E037.0           Urnaim One Inc.         M-16         4/2/2008 Iraniam, SUS         O.0007 Irany Lab         C08040167-004F         4/3/2008 [E307.0           Urnaim One Inc.         MP-16         3/28/2008 A/C Balance (± 5), DIS         1.15 Irany Lab         C08051238-002A         3/28/2008 [Calculation           Urnaim One Inc.         MP-16         3/28/2008 Bicarbonate as HCO3, DIS         1.67 Irany Lab         C08051238-002A         3/28/2008 [Calculation           Urnaim One Inc.         MP-16         3/28/2008 Calculate as HCO3, DIS         1.67 Irany Lab         C08051238-002A         3/28/2008 [Calculation           Urnaim One Inc.         MP-16         3/28/2008 [Calculation         3.68 Irany Lab         C08051238-002A         3/28/2008 [Action 1           Urnaim One Inc.         MP-16         3/28/2008 [Calculation         3.69 Irany Lab         C08051238-002A         3/28/2008 [Action 1           Urnaim One Inc.         MP-16         3/28/2008 [Calculation         3.69 Irany Lab         C08051238-002A         3/28/2008 [Action 1           Urnaim One Inc.         MP-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |        |                               |                                    | 4/3/2008 ENO 2009 | }                                     |
| Uranium One Ine.         M+16         47/2008 [Tadjum 226 MDC, SUS         0.4 Lensry Lab         C080040167-004F         47/2008 [E903.0           Uranium One Ine.         M-16         47/2008 [Tonjum 230, SUS         0.0007         Energy Lab         C080040167-004F         47/2008 [E903.0           Uranium One Ine.         M-16         32/8/2008 [Arc Balance (± 5), DIS         1.15         Energy Lab         C080031238-002A         37/8/2008 [Calculation           Uranium One Ine.         MP-16         32/8/2008 [Arc Balance (± 5), DIS         1.15         Energy Lab         C080031238-002A         37/8/2008 [Calculation           Uranium One Ine.         MP-16         37/8/2008 [Calculate as CO3, DIS         1.55         Energy Lab         C08031238-002A         37/8/2008 [A2320 B           Uranium One Ine.         MP-16         37/8/2008 [Calculate as CO3, DIS         1.5         Energy Lab         C08031238-002A         37/8/2008 [A2320 B           Uranium One Ine.         MP-16         32/8/2008 [Calculate as CO3, DIS         5         Energy Lab         C08031238-002A         37/8/2008 [A230 B           Uranium One Ine.         MP-16         32/8/2008 [Calculate as CO3, DIS         5         Energy Lab         C08031238-002A         37/8/2008 [A250 B           Uranium One Ine.         MP-16         32/8/2008 [Calculate as CO3, DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |        |                               |                                    |                   |                                       |
| Unanium One Inc.         M-16         4/2/2008 [Jan/um, SUS         0         Denrgy Lab         C08040167-004F         4/3/2008 [Jan/um]           Uranium One Inc.         MF-16         3/26/2008 Jurainum, SUS         0.0007 Energy Lab         C08040167-004F         4/3/2008 [Jan/um]           Uranium One Inc.         MF-16         3/26/2008 Jan/um]         155 Energy Lab         C08031238-002A         3/26/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 Jacluation         155 Energy Lab         C08031238-002A         3/26/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 Gationatia as HCO3, DIS         3.65 Energy Lab         C08031238-002A         3/26/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 [Jacluation         3.25 Energy Lab         C08031238-002A         3/28/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 [Jacluation         3/26/2008 [Jacluation         3/26/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 [Jacluation         3/26/2008 [Jacluation         3/26/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 [Jacluation         0.2 Energy Lab         C08031238-002A         3/28/2008 [Jacluation           Uranium One Inc.         MF-16         3/26/2008 [Jacluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |        |                               |                                    |                   | f                                     |
| Uranium One Inc.         M-16         4/22008         Uranium One Inc.         MP-16         3/22008         A/C Balance (± 5) IS         1.15 Energy Lab         C08040167-004F         4/22008         Excent (1)           Uranium One Inc.         MP-16         3/22008         A/CB Balance (± 5) IS         1.15 Energy Lab         C08031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/22/2008         Catomate as CO3, DIS         1.5 Energy Lab         C08031238-002A         3/22/2008         A220 B           Uranium One Inc.         MP-16         3/22/2008         Catomate as CO3, DIS         1.5 Energy Lab         C08031238-002A         3/22/2008         A220 P           Uranium One Inc.         MP-16         3/22/2008         Catomate as CO3, DIS         5.5 Energy Lab         C08031238-002A         3/22/2008         A230 P           Uranium One Inc.         MP-16         3/22/2008         Conductivity, DIS         3.25 Energy Lab         C08031238-002A         3/22/2008         A250 P         C         C         C         C         Conductivity         A252/2008         A4500-F         C         C         C         C         Energy Lab         C08031238-002A         3/22/2008         A4500-F         C         C         C         C <td< td=""><td></td><td></td><td></td><td></td><td>4/3/2008/E903.0</td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |        |                               |                                    | 4/3/2008/E903.0   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         A/C Balance (± 5), DIS         1.15         Energy Lab         CO8031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         Bicarbonate as HC03, DIS         3.67         Energy Lab         C08031238-002A         3/29/2008         Azizato           Uranium One Inc.         MP-16         3/28/2008         Gardonate as C03, DIS         1         Energy Lab         C08031238-002A         3/29/2008         Azizato           Uranium One Inc.         MP-16         3/28/2008         Calculation         3/28/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         Chiotode, DIS         5         Energy Lab         C08031238-002A         3/29/2008         Azizato           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         5         Energy Lab         C08031238-002A         3/29/2008         Azizatoo           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         2/28         Azizatoo         3/29/2008         Azizatoo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |        |                               |                                    |                   |                                       |
| Unaium One Inc.         MP-16         3/28/2008         Arions, DIS         3.87         Energy Lab         C08031238-002A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Cationatia as CO3, DIS         16         Energy Lab         C08031238-002A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Cations, DIS         3.98         Energy Lab         C08031238-002A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Cations, DIS         5         Energy Lab         C08031238-002A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Conductivity, DIS         5         Energy Lab         C08031238-002A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Floating Lab         Conductivity, DIS         3.52         Conductivity, DIS         3/29/2008         Acaduation         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Subidits, Total Dissolved Calculated, DIS         2.28         Conduitase-02A         3/29/2008         Acaduation           Uranium One Inc.         MP-16         3/28/2008         Subid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |        |                               |                                    |                   | +                                     |
| Ummium One Inc.         MP-16         3/28/2008         Bicarborate as HCO3, DIS         165         Energy Lab         C08031238-002A         3/29/2008         A2320 B           Uranium One Inc.         MP-16         3/28/2008         Carbonate as CO3, DIS         1         Energy Lab         C08031238-002A         3/29/2008         A2320 B           Uranium One Inc.         MP-16         3/28/2008         Calculation         Signergy Lab         C08031238-002A         3/29/2008         A2300 F           Uranium One Inc.         MP-16         3/28/2008         Colductivity, DIS         Signergy Lab         C08031238-002A         3/29/2008         A4500-CI B           Uranium One Inc.         MP-16         3/28/2008         FLO 1004e, DIS         7.95         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         2.33         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         2.33         Energy Lab         C08031238-002A         3/29/2008         A4500-SOL         C           Uranium One Inc.         MP-16         3/28/2008         Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |        |                               |                                    |                   | f                                     |
| Uranium One Inc.         MP-16         3/28/2008         Cations, DIS         1         Energy Lab         C08031238-002A         3/29/2008         Cations, DIS           Uranium One Inc.         MP-16         3/28/2008         Colinde, DIS         5         Energy Lab         C08031238-002A         3/29/2008         Cations, DIS           Uranium One Inc.         MP-16         3/28/2008         Coluctivity, DIS         352         Energy Lab         C08031238-002A         3/29/2008         A4500-CIB           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         0.2         Energy Lab         C08031238-002A         3/29/2008         A4500-FC           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         2.33         Energy Lab         C08031238-002A         3/29/2008         A4500-H B           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         2.08         Energy Lab         C08031238-002A         3/29/2008         A500-FC           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         2.08         Energy Lab         C08031238-002A         3/29/2008         A500-SO4 E           Uranium One Inc.         MP-16 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Cations, DIS         3.96         Energy Lab         C08031238-002A         3/28/2008         Catulation           Uranium One Inc.         MP-16         3/28/2008         Conductivity, DIS         352         Energy Lab         C08031238-002A         3/28/2008         A4500-C1 B           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         0.2         Energy Lab         C08031238-002A         3/28/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         2.3         Energy Lab         C08031238-002A         3/28/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         2.33         Energy Lab         C08031238-002A         3/28/2008         A4500-FO           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         2.08         Energy Lab         C08031238-002A         3/29/2008         A4500-FO            Uranium One Inc.         MP-16         3/28/2008         Itrainium One Inc.         MP-16         3/28/2008         A4500-FO           Energy Lab         C08031238-002A         3/29/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |        |                               |                                    |                   | +                                     |
| Uranium One Inc.         MP-16         3/28/2008         Chonductivity. DIS         5         Energy Lab         C08031238-002A         3/28/2008         A4500-Cl B           Uranium One Inc.         MP-16         3/28/2008         Conductivity. DIS         352         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         0.2         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids. Total Dissolved Calculated, DIS         233         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008         Solids. Total Dissolved TDS @ 180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         A4500-F04         E           Uranium One Inc.         MP-16         3/28/2008         Solids. Total Dissolved TDS @ 180 C, DIS         0.48         Energy Lab         C08031238-002A         3/29/2008         A4500 - SO4 E           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.01         Energy Lab         C08031238-002C         3/29/2008         E353.2         Uranium One Inc.         M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |        |                               |                                    |                   | • • • • • • • • • • • • • • • • • • • |
| Uranium One Inc.         MP-16         3/28/2008         Conductivity, DIS         352         Energy Lab         C08031238-002A         3/29/2008         A4500-F           Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         0.2         Energy Lab         C08031238-002A         3/29/2008         A4500-F         C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         233         Energy Lab         C08031238-002A         3/29/2008         A4500-F         C           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         233         Energy Lab         C08031238-002A         3/29/2008         A4500-FC           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         A4500-SO4 E           Uranium One Inc.         MP-16         3/28/2008         TDS Balance (0.80 - 1.20), DIS         0.98         Energy Lab         C08031238-002A         3/29/2008         A4500-SO4 E         C           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         E33.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |        |                               |                                    |                   | f                                     |
| Uranium One Inc.         MP-16         3/28/2008         Fluoride, DIS         0.2         Energy Lab         C08031238-002A         3/29/2008         A4500-F C           Uranium One Inc.         MP-16         3/28/2008 pH, DIS         7.36         Energy Lab         C08031238-002A         3/29/2008         A4500-H B           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         233         Energy Lab         C08031238-002A         3/29/2008         A4500-H B           Uranium One Inc.         MP-16         3/28/2008         Sulids, Total Dissolved TDS @ 180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         A4500-S04 E           Uranium One Inc.         MP-16         3/28/2008         Sulfate, DIS         48         Energy Lab         C08031238-002A         3/29/2008         A4500-S04 E           Uranium One Inc.         MP-16         3/28/2008         TDS Balance (0.80 - 1.20), DIS         0.49         Energy Lab         C08031238-002A         3/29/2008         Eaoland           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         E303.2         Uranium One Inc.         MP-16         3/28/2008         Inon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |        |                               |                                    |                   | {                                     |
| Uranium One Inc.         MP-16         3/28/2008         pH, DIS         7.96         Energy Lab         C08031238-002A         3/29/2008         Add00-H B           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved Calculated, DIS         233         Energy Lab         C08031238-002A         3/29/2008         Add00-H B           Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         Add00-SO4 E           Uranium One Inc.         MP-16         3/28/2008         Sulfate, DIS         0.89         Energy Lab         C08031238-002A         3/29/2008         Add00-SO4 E           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002A         3/29/2008         Add00-SO4 E           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002B         3/29/2008         Eas3.2           Uranium One Inc.         MP-16         3/28/2008         Marganese, TOT         -0.01         Energy Lab         C08031238-002C         3/29/2008         E200.7         Uranium One Inc.         MP-16         3/28/2008 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         233         Energy Lab         C08031238-002A         3/29/2008         Az540 C           Uranium One Inc.         MP-16         3/28/2008         Sulids, Total Dissolved TDS @ 180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         Az540 C           Uranium One Inc.         MP-16         3/28/2008         Sulfact, DIS         48         Energy Lab         C08031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         INtrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002A         3/29/2008         Eas3.2           Uranium One Inc.         MP-16         3/28/2008         Irongen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002C         3/29/2008         Eas0.7           Uranium One Inc.         MP-16         3/28/2008         Irongen, Ammonia as N, DIS         -0.1         Energy Lab         C08031238-002C         3/29/2008         E200.7         Uranium One Inc.         MP-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Solids, Total Dissolved TDS @ 180 C, DIS         208         Energy Lab         C08031238-002A         3/29/2008         A2540 C           Uranium One Inc.         MP-16         3/28/2008         Suifate, DIS         48         Energy Lab         C08031238-002A         3/29/2008         A4500-SQ4 E           Uranium One Inc.         MP-16         3/28/2008         TDS Balance (0.80 - 1.20), DIS         0.89         Energy Lab         C08031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         E353.2           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Manganese, TOT         -0.1         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Ansenic, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Sulfate, DIS         48         Energy Lab         C08031238-002A         3/29/2008         A4500-SO4 E           Uranium One Inc.         MP-16         3/28/2008         TDS Balance (0.80 - 1.20), DIS         0.89         Energy Lab         C08031238-002A         3/29/2008         A4500-SO4 E           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         A4500-SO4 E           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002B         3/29/2008         E329/2008         E320.7         E329/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |        |                               |                                    |                   | {- ·                                  |
| Uranium One Inc.         MP-16         3/28/2008         TDS Balance (0.80 - 1.20), DIS         0.89         Energy Lab         C08031238-002A         3/29/2008         Calculation           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         Edition           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002B         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Maganese, TOT         -0.01         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Ammunium, DIS         -0.1         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Barom, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Boron, DIS <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C08031238-002B         3/29/2008         A4500-NH3 G           Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002B         3/29/2008         E353.2           Uranium One Inc.         MP-16         3/28/2008         Manganese, TOT         -0.03         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Aluminum, DIS         -0.1         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Barum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Barum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmlum, DIS         -0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08031238-002B         3/29/2008         E353.2           Uranium One Inc.         MP-16         3/28/2008         Iron, TOT         -0.03         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Manganese, TOT         0.01         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Aluminum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Barium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Barium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cakium, DIS         -0.005         E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |        |                               |                                    |                   | <u></u>                               |
| Uranium One Inc.         MP-16         3/28/2008 [ron, TOT         -0.03         Energy Lab         C08031238-002C         3/29/2008 [E200.7           Uranium One Inc.         MP-16         3/28/2008 Manganese, TOT         0.01         Energy Lab         C08031238-002C         3/29/2008 [E200.7           Uranium One Inc.         MP-16         3/28/2008 Aluminum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008 [E200.7           Uranium One Inc.         MP-16         3/28/2008 Arsenic, DIS         0.003         Energy Lab         C08031238-002D         3/29/2008 [E200.8           Uranium One Inc.         MP-16         3/28/2008 Barium, DIS         -0.1 [Energy Lab         C08031238-002D         3/29/2008 [E200.8           Uranium One Inc.         MP-16         3/28/2008 Boron, DIS         -0.1 [Energy Lab         C08031238-002D         3/29/2008 [E200.8           Uranium One Inc.         MP-16         3/28/2008 Cadmium, DIS         -0.1 [Energy Lab         C08031238-002D         3/29/2008 [E200.7           Uranium One Inc.         MP-16         3/28/2008 Cadmium, DIS         -0.005 [Energy Lab         C08031238-002D         3/29/2008 [E200.7           Uranium One Inc.         MP-16         3/28/2008 Chromium, DIS         -0.005 [Energy Lab         C08031238-002D         3/29/2008 [E200.7           Ur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |        |                               | 0.001Energy Lab 0.00031238-002B    |                   | f                                     |
| Uranium One Inc.         MP-16         3/28/2008         Manganese, TOT         0.01         Energy Lab         C08031238-002C         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Aluminum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         0.003         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Barum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Boron, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |        |                               | -0.11Energy Lab (C08031238-002B    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Aluminum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         0.003         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Barum, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Boron, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |        |                               |                                    |                   | <u></u>                               |
| Uranium One Inc.         MP-16         3/28/2008         Arsenic, DIS         0.003         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Barium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Boron, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Calcium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Corper, DIS         -0.05         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |        | 3/28/2008 Manganese, 101      |                                    | 3/29/2008 E200.7  |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Barium, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Boron, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadcium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Calcium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Boron, DIS         -0.1         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |        |                               |                                    |                   |                                       |
| Uranium One Inc.         MP-16         3/28/2008         Cadmium, DIS         -0.005         Energy Lab         C08031238-002D         3/29/2008         E200.8           Uranium One Inc.         MP-16         3/28/2008         Calcium, DIS         57         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |        |                               |                                    |                   | <u> </u>                              |
| Uranium One Inc.         MP-16         3/28/2008         Calcium, DIS         57         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |        |                               |                                    |                   | <u> </u>                              |
| Uranium One Inc.         MP-16         3/28/2008         Chromium, DIS         -0.05         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |        |                               |                                    |                   | <u> </u>                              |
| Uranium One Inc.         MP-16         3/28/2008         Copper, DIS         -0.01         Energy Lab         C08031238-002D         3/29/2008         E200.7           Uranium One Inc.         MP-16         3/28/2008         Iron, DIS         -0.03         Energy Lab         C08031238-002D         3/29/2008         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |        |                               |                                    |                   | {                                     |
| Uranium One Inc. MP-16 3/28/2008 Iron, DIS -0.03 Energy Lab C08031238-002D 3/29/2008 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |        | 3/20/2000 [Chromium, DIS      |                                    |                   | <u> </u>                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |        |                               |                                    |                   | <u></u>                               |
| Uranium Une Inc. JMP-10   3/28/2008 LE200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |        |                               |                                    |                   | <u> </u>                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uranium One Inc. | IMP-16 | 3/26/2008 [Lead, DIS          | -0.001  Energy Lab [C08031238-002D | 3/29/2008[E200.8  | l                                     |

|   |       | ·                         |                   |                |                  |
|---|-------|---------------------------|-------------------|----------------|------------------|
|   |       |                           |                   |                |                  |
|   | MP-16 | 3/28/2008 Magnesium, DIS  | 5 Energy Lab      | C08031238-002D | 3/29/2008 E200.7 |
|   | MP-16 | 3/28/2008 Manganese, DIS  | 0.01 Energy Lab   | C08031238-002D | 3/29/2008 E200.7 |
|   | MP-16 | 3/28/2008 Mercury, DIS    | -0.001 Energy Lab | C08031238-002D | 3/29/2008 E200.8 |
|   | MP-16 | 3/28/2008 Molybdenum, DIS | -0.1 Energy Lab   | C08031238-002D | 3/29/2008 E200.7 |
|   | MP-16 | 3/28/2008 Nickel, DIS     | -0.05 Energy Lab  | C08031238-002D | 3/29/2008 E200.8 |
|   | MP-16 | 3/28/2008 Potassium, DIS  | 2 Energy Lab      | C08031238-002D | 3/29/2008 E200.7 |
|   | MP-16 | 3/28/2008 Selenium, DIS   | -0.001 Energy Lab | C08031238-002D | 3/29/2008 E200.8 |
| _ | MP-16 | 3/28/2008 Silica, DIS     | 19.4 Energy Lab   | C08031238-002D | 3/29/2008 E200.7 |
|   |       |                           |                   |                |                  |

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|------------------|----------------|---------------------------------------------------|--------|--------------------------|-----------------------------------------|----------------------------------------------|---------------------------------------|
| Uranium One Inc. | MP-16          | 3/28/2008 Magnesium, DIS                          |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Manganese, DIS                          |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Mercury, DIS                            |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.8                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Molybdenum, DIS                         |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Nickel, DIS                             |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.8                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Potassium, DIS                          |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Selenium, DIS                           | -0.001 | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.8                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Silica, DIS                             |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Sodium, DIS                             |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Uranium, DIS                            |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.8                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Vanadium, DIS                           |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Zinc, DIS                               |        | Energy Lab               | C08031238-002D                          | 3/29/2008 E200.7                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Gross Alpha, DIS                        |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E900.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Gross Alpha MDC, DIS                    |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E900.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Gross Beta, DIS                         |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E900.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Gross Beta MDC, DIS                     |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E900.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Lead 210, DIS                           |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E909.0M                            |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Polonium 210, DIS                       |        | Energy Lab               | C08031238-002E                          | 3/29/2008 RMO-3008                           |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 226, DIS                         | 129    | Energy Lab               | C08031238-002E                          | 3/29/2008 E903.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 226 MDC, DIS                     | 0.1    | Energy Lab               | C08031238-002E                          | 3/29/2008 E903.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 228, DIS                         |        | Energy Lab               | C08031238-002E                          | 3/29/2008 RA-05                              |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 228 MDC, DIS                     |        | Energy Lab               | C08031238-002E                          | 3/29/2008 RA-05                              | <u></u>                               |
| Uranium One Inc. | MP-16          | 3/28/2008 Thorium 230, DIS                        |        | Energy Lab               | C08031238-002E                          | 3/29/2008 E907.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Lead 210, SUS                           |        | Energy Lab               | C08031238-002F                          | 3/29/2008 E909.0M                            | <u> </u>                              |
| Uranium One Inc. | MP-16          | 3/28/2008 Polonium 210, SUS                       |        | Energy Lab               | C08031238-002F                          | 3/29/2008 RMO-3008                           |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 226, SUS                         |        | Energy Lab               | C08031238-002F                          | 3/29/2008 E903.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Radium 226 MDC, SUS                     |        | Energy Lab               | C08031238-002F                          | 3/29/2008 E903.0                             | <b>-</b>                              |
| Uranium One Inc. | MP-16          | 3/28/2008 Thorium 230, SUS                        |        | Energy Lab               | C08031238-002F                          | 3/29/2008 E907.0                             |                                       |
| Uranium One Inc. | MP-16          | 3/28/2008 Uranium, SUS                            |        | Energy Lab               | C08031238-002F                          | 3/29/2008 E200.8                             |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 A/C Balance (± 5), DIS                   |        | Energy Lab               | C08040167-005A                          | 4/3/2008 Calculation                         |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 Anions, DIS                              |        | Energy Lab               | C08040167-005A                          | 4/3/2008 Calculation                         | <u> </u>                              |
| Uranium One Inc. | MU-16          | 4/2/2008 Bicarbonate as HCO3, DIS                 | 150    | Energy Lab               | C08040167-005A                          | 4/3/2008 A2320 B                             |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 Carbonate as CO3, DIS                    |        | Energy Lab               | C08040167-005A                          | 4/3/2008 A2320 B                             | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | MU-16          | 4/2/2008 Cations, DIS                             |        | Energy Lab               | C08040167-005A                          | 4/3/2008 Calculation                         | <u> </u>                              |
| Uranium One Inc. | MU-16          | 4/2/2008 Chloride, DIS                            |        | Energy Lab               | C08040167-005A                          | 4/3/2008 A4500-CI B                          | <u> </u>                              |
| Uranium One Inc. | MU-16          | 4/2/2008 Conductivity, DIS                        |        | Energy Lab               | C08040167-005A                          | 4/3/2008 A2510 B                             | +                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Fluoride, DIS                            | 0.2    | Energy Lab               | C08040167-005A                          | 4/3/2008 A4500-F C                           | <u> </u>                              |
| Uranium One Inc. | MU-16          | 4/2/2008 pH, DIS                                  |        | Energy Lab               | C08040167-005A                          | 4/3/2008 A4500-H B                           |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 Solids, Total Dissolved Calculated, DIS  |        | Energy Lab               | C08040167-005A                          | 4/3/2008 Calculation<br>4/3/2008 A2540 C     | ·                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Solids, Total Dissolved TDS @ 180 C, DIS |        | Energy Lab               | C08040167-005A                          |                                              |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 Sulfate, DIS                             |        | Energy Lab               | C08040167-005A                          | 4/3/2008 A4500-SO4 E                         |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 TDS Balance (0.80 - 1.20), DIS           |        | Energy Lab               | C08040167-005A<br>C08040167-005B        | 4/3/2008 Calculation<br>4/3/2008 A4500-NH3 G | <u> </u>                              |
| Uranium One Inc. | MU-16<br>MU-16 | 4/2/2008 Nitrogen, Ammonia as N, DIS              |        | Energy Lab<br>Energy Lab | C08040167-005B                          | 4/3/2008 A4500-NH3 G<br>4/3/2008 E353.2      | <u> </u>                              |
| Uranium One Inc. |                | 4/2/2008 Nitrogen, Nitrate+Nitrite as N. DIS      |        | Energy Lab               | C08040167-005B                          | 4/3/2008 E353.2<br>4/3/2008 E200.7           |                                       |
| Uranium One Inc. | MU-16<br>MU-16 | 4/2/2008 Iron, TOT<br>4/2/2008 Manganese, TOT     |        |                          | C08040167-005C                          | 4/3/2008 E200.7                              |                                       |
| Uranium One Inc. | MU-16          | 4/2/2008 Manganese, 101<br>4/2/2008 Aluminum, DIS |        | Energy Lab<br>Energy Lab | C08040167-005C                          | 4/3/2008 E200.7                              | f ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~   |
| Uranium One Inc. |                |                                                   |        |                          | C08040167-005D                          | 4/3/2008 E200.8                              | + <u> </u>                            |
| Uranium One Inc. | MU-16<br>MU-16 | 4/2/2008 Arsenic, DIS<br>4/2/2008 Barium, DIS     |        | Energy Lab               | C08040167-005D                          | 4/3/2008 E200.8                              | ł                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Banum, DIS<br>4/2/2008 Boron, DIS        |        | Energy Lab               | C08040167-005D                          | 4/3/2008 E200.7                              | ł                                     |
| Uranium One Inc. | MU-16          |                                                   |        | Energy Lab               | C08040167-005D                          | 4/3/2008 E200.8                              |                                       |
| Uranium One Inc. |                | 4/2/2008 Cadmium, DIS                             |        |                          |                                         | 4/3/2008 E200.8                              | <u></u>                               |
| Uranium One Inc. | MU-16          | 4/2/2008 Calcium, DIS                             |        | Energy Lab               | C08040167-005D                          |                                              | +                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Chromium, DIS                            |        | Energy Lab               | C08040167-005D<br>C08040167-005D        | 4/3/2008 E200.7<br>4/3/2008 E200.7           | f                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Copper, DIS                              |        | Energy Lab               |                                         |                                              | +                                     |
| Uranium One Inc. | MU-16          | 4/2/2008 Iron, DIS                                | -0.03  | Energy Lab               | C08040167-005D                          | 4/3/2008 E200.7                              | <u></u>                               |

| Uranium One Inc. | MU-16 | 4/2/2008 Lead, DIS            | -0.001 Energy Lab  | C08040167-005D | 4/3/2008 E200.8   |                                        |
|------------------|-------|-------------------------------|--------------------|----------------|-------------------|----------------------------------------|
| Uranium One Inc. | MU-16 | 4/2/2008 Magnesium, DIS       | 7 Energy Lab       | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Manganese, DIS       |                    | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Mercury, DIS         | -0.001 Energy Lab  | C08040167-005D | 4/3/2008 E200.8   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Molybdenum, DIS      |                    | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Nickel, DIS          | -0.05 Energy Lab   | C08040167-005D | 4/3/2008 E200.8   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Potassium, DIS       | 6 Energy Lab       | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Selenium, DIS        | 0.002 Energy Lab   | C08040167-005D | 4/3/2008 E200.8   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Silica, DIS          | 21.5 Energy Lab    | C08040167-005D | 4/3/2008 E200.7   | · ·                                    |
| Uranium One Inc. | MU-16 | 4/2/2008 Sodium, DIS          | 14 Energy Lab      | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Uranium, DIS         | 0.0703 Energy Lab  | C08040167-005D | 4/3/2008 E200.8   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Vanadium, DIS        | -0.1 Energy Lab    | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Zinc, DIS            | -0.01 Energy Lab   | C08040167-005D | 4/3/2008 E200.7   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Gross Alpha, DIS     | 82.7 Energy Lab    | C08040167-005E | 4/3/2008 E900.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Gross Alpha MDC, DIS | 1.6 Energy Lab     | C08040167-005E | 4/3/2008 E900.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Gross Beta, DIS      | 30.8 Energy Lab    | C08040167-005E | 4/3/2008 E900.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Gross Beta MDC, DIS  | 2.4 Energy Lab     | C08040167-005E | 4/3/2008 [E900.0  |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Lead 210, DIS        | 11.2 Energy Lab    | C08040167-005E | 4/3/2008 E909.0M  |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Polonium 210, DIS    | -0.1 Energy Lab    | C08040167-005E | 4/3/2008 RMO-3008 | Value is a negative value, not a limit |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 226, DIS      | 4.1 Energy Lab     | C08040167-005E | 4/3/2008 E903.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 226 MDC, DIS  | 0.22 Energy Lab    | C08040167-005E | 4/3/2008 E903.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 228, DIS      |                    | C08040167-005E | 4/3/2008 RA-05    |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 228 MDC, DIS  | 1.1 Energy Lab     | C08040167-005E | 4/3/2008 RA-05    |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Thorium 230, DIS     | 0 Energy Lab       | C08040167-005E | 4/3/2008 E907.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Lead 210, SUS        | 39.3 Energy Lab    | C08040167-005F | 4/3/2008 E909.0M  |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Polonium 210, SUS    | 0.2 Energy Lab     | C08040167-005F | 4/3/2008 RMO-3008 |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 226, SUS      | -0.2 Energy Lab    | C08040167-005F | 4/3/2008 E903.0   | Value is a negative value, not a limit |
| Uranium One Inc. | MU-16 | 4/2/2008 Radium 226 MDC, SUS  | 0.4 Energy Lab     | C08040167-005F | 4/3/2008 E903.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Thorium 230, SUS     | 0 Energy Lab       | C08040167-005F | 4/3/2008 E907.0   |                                        |
| Uranium One Inc. | MU-16 | 4/2/2008 Uranium, SUS         | -0.0003 Energy Lab | C08040167-005F | 4/3/2008 E200.8   |                                        |

1. Unless otherwise noted, A negative value signifies a detection limit value. For example, -1 is <1

JAB GROUND WATER QUALITY LAB RESULTS

#### JAB Ground Water Quality Lab Results

|                  |              |             |                                          |                 | T          |                |                                   |                                       |
|------------------|--------------|-------------|------------------------------------------|-----------------|------------|----------------|-----------------------------------|---------------------------------------|
| Client Name      | Station Name | Sample Date | Children Parameter Name                  | Parameter Value | Lab Name 2 | Lab Sample ID  | Analysis Date: Analytical Method: | Comments                              |
| Uranium One Inc. | MP-2069      | 3/11/2008   | A/C Balance (± 5), DIS                   | 4.85            | Energy Lab | C08030408-001A | 3/12/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Anions, DIS                              | 30.1            | Energy Lab | C08030408-001A | 3/12/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Bicarbonate as HCO3, DIS                 |                 |            | C08030408-001A | 3/12/2008 A2320 B                 | ·                                     |
| Uranium One Inc. | MP-2069      |             | Carbonate as CO3, DIS                    |                 |            | C08030408-001A | 3/12/2008 A2320 B                 | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | MP-2069      |             | Cations, DIS                             |                 |            | C08030408-001A |                                   | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | MP-2069      |             | Chloride, DIS                            |                 |            |                | 3/12/2008 Calculation             |                                       |
|                  |              |             |                                          |                 |            | C08030408-001A | 3/12/2008 A4500-CI B              |                                       |
| Uranium One Inc. | MP-2069      |             | Conductivity, DIS                        |                 |            | C08030408-001A | 3/12/2008 A2510 B                 |                                       |
| Uranium One Inc. | MP-2069      |             | Fluoride, DIS                            |                 |            | C08030408-001A | 3/12/2008 A4500-F C               |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   |                                          |                 |            | C08030408-001A | 3/12/2008 A4500-H B               |                                       |
| Uranium One Inc. | MP-2069      |             | Solids, Total Dissolved Calculated, DIS  | 1970            | Energy Lab | C08030408-001A | 3/12/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Solids, Total Dissolved TDS @ 180 C, DIS | 2120            | Energy Lab | C08030408-001A | 3/12/2008 A2540 C                 | 1                                     |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Sulfate, DIS                             | 1340            | Energy Lab | C08030408-001A | 3/12/2008 A4500-SO4 E             |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | TDS Balance (0.80 - 1.20), DIS           | 1.08            | Energy Lab | C08030408-001A | 3/12/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2069      |             | Iron, TOT                                |                 |            | C08030408-001B | 3/12/2008 E200.7                  | ·                                     |
| Uranium One Inc. | MP-2069      |             | Manganese, TOT                           |                 |            | C08030408-001B | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Aluminum, DIS                            |                 |            | C08030408-001C | 3/12/2008 E200.8                  |                                       |
| Uranium One Inc. | MP-2069      |             | Arsenic, DIS                             |                 |            |                |                                   |                                       |
| Uranium One Inc. | MP-2069      |             | Barium, DIS                              |                 |            | C08030408-001C | 3/12/2008 E200.8                  |                                       |
|                  |              |             |                                          |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Boron, DIS                               |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Cadmium, DIS                             |                 |            | C08030408-001C | 3/12/2008 E200.8                  |                                       |
| Uranium One Inc. | MP-2069      |             | Calcium, DIS                             |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Chromium, DIS                            | -0.05           | Energy Lab | C08030408-001C | 3/12/2008 E200.7                  | 1                                     |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Copper, DIS                              | -0.01           | Energy Lab | C08030408-001C | 3/12/2008 E200.8                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Iron, DIS                                |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Lead, DIS                                |                 |            | C08030408-001C | 3/12/2008 E200.8                  | ·                                     |
| Uranium One Inc. | MP-2069      |             | Magnesium, DIS                           |                 |            | C08030408-001C | 3/12/2008 E200.7                  | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | MP-2069      |             | Manganese, DIS                           |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Mercury, DIS                             |                 |            | C08030408-001C |                                   | · · · · · · · · · · · · · · · · · · · |
| Uranium One Inc. | MP-2069      |             | Molybdenum, DIS                          |                 |            |                | 3/12/2008 E200.8                  |                                       |
|                  | MP-2069      |             | Nickel, DIS                              |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. |              |             |                                          |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Potassium, DIS                           |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Selenium, DIS                            |                 |            | C08030408-001C | 3/12/2008 E200.8                  |                                       |
| Uranium One Inc. | MP-2069      |             | Silica, DIS                              |                 |            | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Sodium, DIS                              | 59              | Energy Lab | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Uranium, DIS                             | 1.15            | Energy Lab | C08030408-001C | 3/12/2008 E200.8                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Vanadium, DIS                            | -0.1            | Energy Lab | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2059      | 3/11/2008   | Zinc, DIS                                | 0.02            | Energy Lab | C08030408-001C | 3/12/2008 E200.7                  |                                       |
| Uranium One Inc. | MP-2069      |             | Gross Alpha, DIS                         |                 |            | C08030408-001D | 3/12/2008 E900.0                  | ·                                     |
| Uranium One Inc. | MP-2069      |             | Gross Alpha MDC, DIS                     |                 |            | C08030408-001D | 3/12/2008 E900.0                  | +                                     |
| Uranium One Inc. | MP-2069      |             | Gross Beta, DIS                          |                 |            | C08030408-001D | 3/12/2008 E900.0                  |                                       |
| Uranium One Inc. | MP-2069      |             | Gross Beta MDC, DIS                      |                 |            | C08030408-001D |                                   |                                       |
| Uranium One Inc. | MP-2069      |             | Lead 210, DIS                            |                 |            | C08030408-001D | 3/12/2008 E900.0                  |                                       |
|                  |              |             |                                          |                 |            |                | 3/12/2008 E909.0M                 | - <del> </del>                        |
| Uranium One Inc. | MP-2069      |             | Polonium 210, DIS                        |                 |            | C08030408-001D | 3/12/2008 RMO-3008                |                                       |
| Uranium One Inc. | MP-2069      |             | Radium 226, DIS                          |                 |            | C08030408-001D | 3/12/2008 E903.0                  |                                       |
| Uranium One Inc. | MP-2069      |             | Radium 226 MDC, DIS                      |                 |            | C08030408-001D | 3/12/2008 E903.0                  |                                       |
| Uranium One Inc. | MP-2069      |             | Radium 228, DIS                          |                 |            | C08030408-001D | 3/12/2008 RA-05                   |                                       |
| Uranium One Inc. | MP-2069      |             | Thorium 230, DIS                         | 0.1             | Energy Lab | C08030408-001D | 3/12/2008 E907.0                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Polonium 210, SUS                        | 24.5            | Energy Lab | C08030408-001E | 3/12/2008 RMO-3008                |                                       |
| Uranium One Inc  | MP-2069      | 3/11/2008   | Radium 226, SUS                          |                 |            | C08030408-001E | 3/12/2008 E903.0                  |                                       |
| Uranium One Inc. | MP-2069      | 3/11/2008   | Radium 226 MDC, SUS                      |                 |            | C08030408-001E | 3/12/2008 E903.0                  |                                       |
| Uranium One Inc. | MP-2069      |             | Thorium 230, SUS                         |                 |            | C08030408-001E | 3/12/2008 E907.0                  | ·                                     |
| Uranium One Inc. | MP-2069      |             | Uranium, SUS                             |                 |            | C08030408-001E | 3/12/2008 E200.8                  | - <u>+</u>                            |
| Uranium One Inc. | MP-2069      |             | Nitrogen, Ammonia as N, D/S              |                 |            | C08030408-001F | 3/12/2008 A4500-NH3 G             | ·                                     |
| Uranium One Inc. | MP-2069      |             |                                          |                 |            |                |                                   |                                       |
|                  |              | 3/11/2008   | Nitrogen, Nitrate+Nitrite as N, DIS      |                 |            | C08030408-001F | 3/12/2008 E353.2                  |                                       |
| Uranium One Inc. | MP-2103      |             | A/C Balance (± 5), DIS                   |                 |            | C08030485-001A | 3/13/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2103      |             | Anions, DIS                              |                 |            | C08030485-001A | 3/13/2008 Calculation             |                                       |
| Uranium One Inc. | MP-2103      |             | Bicarbonate as HCO3, DIS                 |                 |            | C08030485-001A | 3/13/2008 A2320 B                 |                                       |
| Uranium One Inc. | MP-2103      | 3/12/2008   | Carbonate as CO3, DIS                    | i -1            | Energy Lab | C08030485-001A | 3/13/2008 A2320 B                 |                                       |
| Uranium One Inc. | MP-2103      |             | Cations, DIS                             |                 |            | C08030485-001A | 3/13/2008 Calculation             |                                       |

| Uranium One Inc.    | MP-2103 | 3/12/2008 Chloride, DIS                            |                 | b C08030485-001A  | 3/13/2008 A4500-CI B  |                                                    |
|---------------------|---------|----------------------------------------------------|-----------------|-------------------|-----------------------|----------------------------------------------------|
| Uranium One Inc.    | MP-2103 | 3/12/2008 Conductivity, DIS                        | 535 Energy L    | b C08030485-001A  | 3/13/2008 A2510 B     |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Fluoride, DIS                            | 0.6 Energy L    | b C08030485-001A  | 3/13/2008 A4500-F C   |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 pH, DIS                                  | 7.87 Energy L   | b C08030485-001A  | 3/13/2008 A4500-H B   |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Solids, Total Dissolved Calculated, DIS  |                 | b C08030485-001A  | 3/13/2008 Calculation |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Solids, Total Dissolved TDS @ 180 C, DIS |                 | b C08030485-001A  | 3/13/2008 A2540 C     |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Sulfate, DIS                             |                 | b C08030485-001A  | 3/13/2008 A4500-SO4 E |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 TDS Balance (0.80 - 1.20), DIS           |                 | b C08030485-001A  | 3/13/2008 Calculation |                                                    |
|                     | MP-2103 | 3/12/2008 Iron, TOT                                |                 | b C08030485-001B  | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    |         |                                                    | 0.04 Energy L   | L C08030485-001B  | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Manganese, TOT                           |                 | b C08030485-001B  | 3/13/2008/E900.0      | · · · · · · · · · · · · · · · · ·                  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Gross Alpha, DIS                         | 2300 Energy L   |                   |                       |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Gross Alpha MDC, DIS                     | 1.1 Energy L    |                   | 3/13/2008 E900.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Gross Beta, DIS                          |                 | b C08030485-001C  | 3/13/2008 E900.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Gross Beta MDC, DIS                      | 2.5 Energy L    |                   | 3/13/2008 E900.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Lead 210, DIS                            | 66.7 Energy L   | b C08030485-001C  | 3/13/2008 E909.0M     | l                                                  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Polonium 210, DIS                        | 320 Energy L    | b C08030485-001C  | 3/13/2008 RMO-3008    |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Radium 226, DIS                          | 531 Energy L    | b C08030485-001C  | 3/13/2008 E903.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Radium 226 MDC, DIS                      |                 | b C08030485-001C  | 3/13/2008 E903.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Radium 228, DIS                          |                 | b C08030485-001C  | 3/13/2008 RA-05       |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Thorium 230, DIS                         | 0.2 Energy 1    | b C08030485-001C  | 3/13/2008 E907.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Nitrogen, Ammonia as N. DIS              | 0.05 France 1   | b_ C08030485-001D | 3/13/2008 A4500-NH3 G |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Nitrogen, Nitrate+Nitrite as N, DIS      |                 | b C08030485-001D  | 3/13/2008 E353.2      |                                                    |
|                     | MP-2103 | 3/12/2008 Aluminum, DIS                            |                 | b C08030485-001E  | 3/13/2008/E353.2      | <u> </u>                                           |
| Uranium One Inc.    |         |                                                    |                 |                   |                       | ┟╾╼╾┵╶╾╶╍╍╼╌╴╴╶╌╼╼╌╴╸                              |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Arsenic, DIS                             |                 | b C08030485-001E  | 3/13/2008 E200.8      | <u> </u>                                           |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Banum, DIS                               | -0.1 Energy L   | b C08030485-001E  | 3/13/2008 E200.8      | <u></u>                                            |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Boron, DIS                               |                 | b C08030485-001E  | 3/13/2008 E200.7      | <u> </u>                                           |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Cadmium, DIS                             |                 | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Calcium, DIS                             | 65 Energy L     | ab C08030485-001E | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Chromium, DIS                            |                 | b C08030485-001E  | 3/13/2008 E200.6      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Copper, DIS                              | -0.01 Energy L  | b C08030485-001E  | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Iron, DIS                                | -0.03 Energy L  | ab C08030485-001E | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Lead, DIS                                | -0.001 Energy L | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Magnesium, DIS                           | 4 Energy L      | ab C08030485-001E | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Manganese, DIS                           |                 | ab C08030485-001E | 3/13/2008 E200.7      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Marcury, DIS                             |                 | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Molybdenum, DIS                          |                 | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Nickel, DIS                              |                 | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
|                     | MP-2103 | 3/12/2008 Potassium, DIS                           |                 | ab C08030485-001E | 3/13/2008 E200.7      | ├ <del>────────────────────────────────────</del>  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Selenium, DIS                            |                 | ab C08030485-001E | 3/13/2008 E200.B      | <u> </u>                                           |
| Uranium One Inc.    |         |                                                    |                 |                   | 3/13/2008 E200.7      | <u>├───</u> ── <del>─</del> ────────────────────── |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Silica, DIS                              | 17.2 Energy L   | ab C08030485-001E | 3/13/2008 2200.7      | <u>↓</u>                                           |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Sodium, DIS                              |                 | ab C08030485-001E |                       |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Uranium, DIS                             | 0.886 Energy L  | ab C08030485-001E | 3/13/2008 E200.8      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Vanadium, DIS                            | -0.1 Energy L   | ab C08030485-001E | 3/13/2008 E200.8      | <u></u>                                            |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Zinc, DIS                                | 0.03 Energy L   | ab C08030485-001E | 3/13/2008 E200.8      | L                                                  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Polonium 210, SUS                        | 81.5 Energy L   | ab C08030485-001F | 3/13/2008 RMO-3008    |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Radium 226, SUS                          | 30.1 Energy I   | ab C08030485-001F | 3/13/2008 E903.0      | L                                                  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Radium 226 MDC, SUS                      | 2 Energy 1      | ab C08030485-001F | 3/13/2008 E903.0      | L                                                  |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Thorium 230, SUS                         | 2.9 Energy L    |                   | 3/13/2008 E907.0      |                                                    |
| Uranium One Inc.    | MP-2103 | 3/12/2008 Uranium, SUS                             | 0.089 Energy 1  | ab C08030485-001F | 3/13/2008 E200.8      |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 A/C Balance (± 5), DIS                   | 1.48 Energy I   | ab C07061548-001A | 6/29/2007 Calculation |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Anions, DIS                              | 13.5 Energy L   | ab C07061548-001A | 6/29/2007 Calculation |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Bicarbonate as HCO3, DIS                 | 73 Energy 1     | ab C07061548-001A | 6/29/2007 A2320 B     |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Carbonate as CO3, DIS                    | -1 Fnerøy I     | ab C07061548-001A | 6/29/2007 A2320 B     |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Cations, DIS                             |                 | ab C07061548-001A | 6/29/2007 Calculation |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Chloride, DIS                            |                 | ab C07061548-001A | 6/29/2007 A4500-CI B  |                                                    |
|                     | JAB #1  | 6/28/2007 Conductivity, DIS                        |                 | ab C07061548-001A | 6/29/2007 A2510 B     | <u></u>                                            |
| Energy Metals Corp. | JAB #1  |                                                    | 13001Lhergy L   | ab C07061548-001A | 6/29/2007 A4500-F C   | <u>├</u>                                           |
| Energy Metals Corp. |         | 6/28/2007 Fluoride, DIS                            | U.SIEnergy I    | L COTOCIESO 001A  | 6/29/2007 A4500-H B   |                                                    |
| Energy Metals Corp. | JAB #1  | 6/28/2007 pH, DIS                                  | /.b9[Energy I   | ab C07061548-001A |                       | <b>↓</b>                                           |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Solids, Total Dissolved Calculated, DIS  | 919 Energy I    | ab C07061548-001A | 6/29/2007 Calculation | <u> </u>                                           |
| Energy Metals Corp. | JAB #1  | 6/28/2007 Solids, Total Dissolved TDS @ 180 C, DIS | 1090 Energy I   | ab C07061548-001A | 6/29/2007 A2540 C     | <u> </u>                                           |
| Energy Metals Corp. | JAB #1  | 6/28/2007 TDS Balance (0.80 - 1.20), DIS           | 1 1.19 Energy L | ab C07061548-001A | 6/29/2007 Calculation |                                                    |

|                     |         |           |                                          |        |            |                | · · · · · · · · · · · · · · · · · · · | ·····                                                |
|---------------------|---------|-----------|------------------------------------------|--------|------------|----------------|---------------------------------------|------------------------------------------------------|
| Energy Metals Corp. | JAB #1  |           | Nitrogen, Ammonia as N, DIS              |        |            | C07061548-001B | 6/29/2007 A4500-NH3 G                 |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Nitrogen, Nitrate+Nitrite as N, DIS      |        |            | C07061548-001B | 6/29/2007 E353.2                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Iron, TOT                                | -0.03  | Energy Lab | C07061548-001C | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Manganese, TOT                           | -0.01  | Energy Lab | C07061548-001C | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Aluminum, DIS                            | -0.1   | Energy Lab | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Arsenic, DIS                             |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Banum, DIS                               |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Boron, DIS                               |        |            | C07061548-001D | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Cadmium, DIS                             |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Calcium, DIS                             |        |            | C07061548-001D | 6/29/2007 E200.7                      |                                                      |
|                     |         |           |                                          |        |            |                |                                       | f <del></del>                                        |
| Energy Metals Corp. | JAB #1  |           | Chromium, DIS                            |        |            | C07061548-001D | 6/29/2007 E200.8                      | <u></u>                                              |
| Energy Metals Corp. | JAB #1  |           | Copper, DIS                              |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 |                                          |        |            | C07061548-001D | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Lead, DIS                                |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Magnesium, DIS                           |        |            | C07061548-001D | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1_ | 6/28/2007 | Manganese, DIS                           | 0.01   | Energy Lab | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Mercury, DIS                             | -0.001 | Energy Lab | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Molybdenum, DIS                          |        |            | C07061548-001D | 6/29/2007 E200.8                      | T                                                    |
| Energy Metals Corp. | JAB #1  |           | Nickel, DIS                              |        |            | C07061548-001D | 6/29/2007 E200.8                      | <del> </del>                                         |
| Energy Metals Corp. | JAB #1  |           | Potassium, DIS                           |        |            | C07061548-001D | 6/29/2007 E200.7                      | <u>∲</u>                                             |
| Energy Metals Corp. | JAB #1  |           | Selenium, DIS                            |        |            | C07061548-001D | 6/29/2007 E200.8                      | <u>+</u>                                             |
| Energy Metals Corp. |         |           | Silica, DIS                              |        |            |                | 6/29/2007 E200.7                      | f                                                    |
|                     | JAB #1  |           |                                          |        |            | C07061548-001D |                                       | {                                                    |
| Energy Metals Corp. | JAB #1  |           | Sodium, DIS                              |        |            | C07061548-001D | 6/29/2007 E200.7                      | +                                                    |
| Energy Metals Corp. | JAB #1  |           | Sutfate, DIS                             |        |            | C07061548-001D | 6/29/2007 E200.7                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Uranium, DIS                             |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Vanadium, DIS                            |        |            | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Zinc, DIS                                | 0,14   | Energy Lab | C07061548-001D | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Lead 210, DIS                            | -1     | Energy Lab | C07061548-001E | 6/29/2007 NERHL-65-4                  |                                                      |
| Energy Metals Corp. | JAB #1  | 6/28/2007 | Polonium 210, DIS                        |        |            | C07061548-001E | 6/29/2007 RMO-3008                    |                                                      |
| Energy Metals Corp. | JAB #1  |           | Radium 226. DIS                          |        |            | C07061548-001E | 6/29/2007 E903.0                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Radium 228, DIS                          |        |            | C07061548-001E | 6/29/2007 RA-05                       |                                                      |
| Energy Metals Corp. | JAB #1  |           | Thorium 230, DIS                         |        |            | C07061548-001E | 6/29/2007 E907.0                      | <u>+</u>                                             |
|                     |         |           | Lead 210, SUS                            |        |            | C07061548-001F | 6/29/2007 NERHL-65-4                  | +                                                    |
| Energy Metals Corp. | JAB #1  |           |                                          |        |            |                |                                       | <u> </u>                                             |
| Energy Metals Corp. | JAB #1  |           | Polonium 210, SUS                        |        |            | C07061548-001F | 6/29/2007 RMO-3008                    | <u>}</u>                                             |
| Energy Metals Corp. | JAB #1  |           | Radium 226, SUS                          |        |            | C07061548-001F | 6/29/2007 E903.0                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Thorium 230, SUS                         |        |            | C07061548-001F | 6/29/2007 E907.0                      | <u></u>                                              |
| Energy Metals Corp. | JAB #1  |           | Uranium, SUS                             |        |            | C07061548-001F | 6/29/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | A/C Balance (± 5), DIS                   |        |            | C07100033-001A | 10/1/2007 Calculation                 |                                                      |
| Energy Metals Corp. | JAB #1  | 9/28/2007 | Anions, DIS                              |        |            | C07100033-001A | 10/1/2007 Calculation                 |                                                      |
| Energy Metals Corp. | JAB #1  | 9/28/2007 | Bicarbonate as HCO3, DIS                 | 72     | Energy Lab | C07100033-001A | 10/1/2007 A2320 B                     |                                                      |
| Energy Metals Corp. | JAB #1  |           | Carbonate as CO3, DIS                    |        |            | C07100033-001A | 10/1/2007 A2320 B                     |                                                      |
| Energy Metals Corp. | JAB #1  |           | Cations, DIS                             |        |            | C07100033-001A | 10/1/2007 Calculation                 |                                                      |
| Energy Metals Corp. | JAB #1  |           | Chloride, DIS                            | A      | Energy Lab | C07100033-001A | 10/1/2007 A4500-CI B                  | · · · · · · · · · · · · · · · · · · ·                |
| Energy Metals Corp. | JAB #1  |           | Conductivity, DIS                        |        |            | C07100033-001A | 10/1/2007 A2510 B                     | · / - · - · · · · · · · · · · · · · · ·              |
| Energy Metals Corp. | JAB #1  |           | Fluoride, DIS                            |        |            | C07100033-001A | 10/1/2007 A4500-F C                   | <u> </u>                                             |
| Energy Metals Corp. | JAB #1  | 9/28/2007 |                                          |        |            | C07100033-001A | 10/1/2007 A4500-H B                   | <u>+</u>                                             |
|                     | JAB #1  |           | Solids, Total Dissolved Calculated, DIS  |        |            | C07100033-001A | 10/1/2007 Calculation                 | +                                                    |
| Energy Metals Corp. |         |           |                                          |        |            |                | 10/1/2007 A2540 C                     | +                                                    |
| Energy Metals Corp. | JAB #1  |           | Solids, Total Dissolved TDS @ 180 C, DIS |        |            | C07100033-001A | 10/1/2007 A4500-SO4 E                 | ·                                                    |
| Energy Metals Corp. | JAB #1  |           | Sulfate, DIS                             |        |            | C07100033-001A |                                       | + <u></u>                                            |
| Energy Metals Corp. | JAB #1  |           | TDS Balance (0.80 - 1.20), DIS           |        |            | C07100033-001A | 10/1/2007 Calculation                 | <u></u>                                              |
| Energy Metals Corp. | JAB #1  |           | Iron, TOT                                |        |            | C07100033-001B | 10/1/2007 E200.7                      | <u> </u>                                             |
| Energy Metals Corp. | JAB #1  |           | Manganese, TOT                           |        |            | C07100033-001B | 10/1/2007 E200.7                      | <u></u>                                              |
| Energy Metals Corp. | JAB #1  | 9/28/2007 | Nitrogen, Ammonia as N, DIS              | -0.05  | Energy Lab | C07100033-001C | 10/1/2007 A4500-NH3 G                 |                                                      |
| Energy Metals Corp. | JAB #1  |           | Nitrogen, Nitrate+Nitrite as N, DIS      | 0.1    | Energy Lab | C07100033-001C | 10/1/2007 E353.2                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Aluminum, DIS                            | -0.1   | Energy Lab | C07100033-001D | 10/1/2007 E200.8                      |                                                      |
| Energy Metals Corp. | JAB #1  |           | Arsenic, DIS                             |        |            | C07100033-001D | 10/1/2007 E200.8                      | 1                                                    |
| Energy Metals Corp. | JAB #1  |           | Barium, DIS                              |        |            | C07100033-001D | 10/1/2007 E200.8                      | <u> </u>                                             |
| Energy Metals Corp. | JAB #1  |           | Boron, DIS                               |        |            | C07100033-001D | 10/1/2007 E200.7                      | <del>/</del>                                         |
|                     | JAB #1  |           | Cadmium, DIS                             |        |            | C07100033-001D | 10/1/2007 E200.8                      | +                                                    |
| Energy Metals Corp. |         |           |                                          |        |            |                |                                       |                                                      |
| Energy Metals Corp. | JAB #1  |           | Calcium, DIS                             |        |            | C07100033-001D | 10/1/2007 E200.7                      | ╻┫ <u>╴╴</u> ╸┑ <u>╴</u> ┛╸╌┛┑┙┙╴┙╴┙┑┛┙═┑┿╴╶╴┑╖┛╼╛┿╸ |
| Energy Metals Corp. | JAB #1  | 9/28/2007 | Chromium, DIS                            | -0.05  | Energy Lab | C07100033-001D | 10/1/2007 E200.8                      |                                                      |

|                                            | T      |            |                                          |        |            |                                  |                                        |                                               |
|--------------------------------------------|--------|------------|------------------------------------------|--------|------------|----------------------------------|----------------------------------------|-----------------------------------------------|
| Energy Metals Corp.                        | JAB #1 |            | Copper, DIS                              |        |            | C07100033-001D                   | 10/1/2007 E200.8                       | I                                             |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  |                                          |        |            | C07100033-001D                   | 10/1/2007 E200.7                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/26/2007  |                                          |        |            | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Magnesium, DIS                           | 17     | Energy Lab | C07100033-001D                   | 10/1/2007 E200.7                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Manganese, DIS                           |        |            | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Mercury, DIS                             | -0.001 | Energy Lab | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Molybdenum, DIS                          | -0.1   | Energy Lab | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Nickel, DIS                              | -0.05  | Energy Lab | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Potassium, DIS                           | 6      | Energy Lab | C07100033-001D                   | 10/1/2007 E200.7                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Selenium, DIS                            |        |            | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  | Silica, DIS                              |        |            | C07100033-001D                   | 10/1/2007 E200.7                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Sodium, DIS                              |        |            | C07100033-001D                   | 10/1/2007 E200.7                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Uranium, DIS                             |        |            | C07100033-001D                   | 10/1/2007 E200.8                       | ┟────────────────────────────────────         |
| Energy Metals Corp.                        | JAB #1 |            | Vanadium, DIS                            |        |            | C07100033-001D                   | 10/1/2007 E200.8                       | ······································        |
| Energy Metals Corp.                        | JAB #1 | 9/28/2007  |                                          |        |            | C07100033-001D                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Lead 210. DIS                            |        |            | C07100033-001E                   | 10/1/2007 E909.0M                      | <u>├───────────────────────</u> /             |
| Energy Metals Corp.                        | JAB #1 |            | Polonium 210, DIS                        |        |            | C07100033-001E                   |                                        | ┟─── <del>──</del> ─────────────────          |
|                                            |        |            |                                          |        |            |                                  | 10/1/2007 RMO-3008                     |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Radium 226, DIS                          |        |            | C07100033-001E                   | 10/1/2007 E903.0                       | ·                                             |
| Energy Metals Corp.                        | JAB #1 |            | Radium 228, DIS                          |        |            | C07100033-001E                   | 10/1/2007 RA-05                        |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Thorium 230, DIS                         |        |            | C07100033-001E                   | 10/1/2007 E907.0                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Lead 210, SUS                            |        |            | C07100033-001F                   | 10/1/2007 E909.0M                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Polonium 210, SUS                        |        |            | C07100033-001F                   | 10/1/2007 RMO-3008                     |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Radium 226, SUS                          |        |            | C07100033-001F                   | 10/1/2007 E903.0                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Thorium 230, SUS                         |        |            | C07100033-001F                   | 10/1/2007 E907.0                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Uranium, SUS                             |        |            | C07100033-001F                   | 10/1/2007 E200.8                       |                                               |
| Energy Metals Corp.                        | JAB #1 |            | A/C Balance (± 5), DIS                   | 9.27   | Energy Lab | C07110982-002A                   | 11/21/2007 Calculation                 |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Anions, DIS                              | 16     | Energy Lab | C07110982-002A                   | 11/21/2007 Calculation                 |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Bicarbonate as HCO3, DIS                 | 70     | Energy Lab | C07110982-002A                   | 11/21/2007 A2320 B                     |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Carbonate as CO3, DIS                    | -1     | Energy Lab | C07110982-002A                   | 11/21/2007 A2320 B                     |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Cations, DIS                             | 13.3   | Energy Lab | C07110982-002A                   | 11/21/2007 Calculation                 |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Chloride, DIS                            | 7      | Energy Lab | C07110982-002A                   | 11/21/2007 A4500-CI B                  |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Conductivity, DIS                        | 1420   | Energy Lab | C07110982-002A                   | 11/21/2007 A2510 B                     |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Fluoride, DIS                            |        |            | C07110982-002A                   | 11/21/2007 A4500-F C                   |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | pH. DIS                                  |        |            | C07110982-002A                   | 11/21/2007 A4500-H B                   |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Solids, Total Dissolved Calculated, DIS  |        |            | C07110982-002A                   | 11/21/2007 Calculation                 |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Solids, Total Dissolved TDS @ 180 C, DIS |        |            | C07110982-002A                   | 11/21/2007 A2540 C                     |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Sulfate, DIS                             |        |            | C07110982-002A                   | 11/21/2007 A4500-SO4 E                 | ·                                             |
| Energy Metals Corp.                        | JAB #1 |            | TDS Balance (0.80 - 1.20), DIS           |        |            | C07110982-002A                   | 11/21/2007 Calculation                 | ┟┈╶╴┈╾╾╌╴┤                                    |
| Energy Metals Corp.                        | JAB #1 |            | Nitrogen, Ammonia as N, DIS              |        |            | C07110982-002B                   | 11/21/2007 A4500-NH3 G                 | ┟╼╾╼╾╴╴╼╼╾╴┤                                  |
| Energy Metals Corp.                        | JAB #1 |            | Nitrogen, Nitrate+Nitrite as N. DIS      |        |            | C07110982-002B                   | 11/21/2007 E353.2                      | <u> </u>                                      |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 |                                          |        |            | C07110982-002C                   | 11/21/2007 E200.7                      | <u>├──</u> ────────────────────────────────── |
| Energy Metals Corp.                        | JAB #1 |            | Manganese, TOT                           |        |            | C07110982-002C                   | 11/21/2007 E200.7                      | <u> </u>                                      |
| Energy Metals Corp.                        | JAB #1 |            | Aluminum, DIS                            |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Arsenic, DIS                             |        |            | C07110982-002D                   | 11/21/2007 E200.8                      | ┟╸╍╴╸╴╴╴╸╸╸                                   |
| Energy Metals Corp.                        | JAB #1 |            | Barium, DIS                              |        |            | C07110982-002D                   | 11/21/2007 E200.8                      | <b>├───</b>                                   |
|                                            | JAB #1 | 11/21/2007 |                                          |        |            |                                  | 11/21/2007 E200.8                      | ┟╌╾╴╴┈╾╼╴╾╴╴╴╺╴╼╴╴                            |
| Energy Metals Corp.                        | JAB #1 |            | Cadmium, DIS                             |        |            | C07110982-002D<br>C07110982-002D |                                        | <u>├</u>                                      |
| Energy Metals Corp.<br>Energy Metals Corp. | JAB #1 |            | Calcium, DIS                             |        |            | C07110982-002D                   | 11/21/2007 E200.8<br>11/21/2007 E200.7 |                                               |
|                                            |        |            |                                          |        |            |                                  |                                        | <u> </u>                                      |
| Energy Metals Corp.                        | JAB #1 |            | Chromium, DIS                            |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Copper, DIS                              |        |            | C07110982-002D                   | 11/21/2007 E200.8                      | <u></u>                                       |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 |                                          |        |            | C07110982-002D                   | 11/21/2007 E200.7                      | <u> </u>                                      |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 |                                          |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Magnesium, DIS                           |        |            | C07110982-002D                   | 11/21/2007 E200.7                      | <b></b>                                       |
| Energy Metals Corp.                        | JAB #1 |            | Manganese, DIS                           |        |            | C07110982-002D                   | 11/21/2007 E200.8                      | L                                             |
| Energy Metals Corp.                        | JAB #1 |            | Mercury, DIS                             |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Molybdenum, DIS                          |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Nickel, DIS                              |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp.                        | JAB #1 | 11/21/2007 | Potassium, DIS                           | 6      | Energy Lab | C07110982-002D                   | 11/21/2007 E200.7                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Selenium, DIS                            |        |            | C07110982-002D                   | 11/21/2007 E200.8                      |                                               |
| Energy Metals Corp                         | JAB #1 | 11/21/2007 | Silica, DIS                              | 14.3   | Energy Lab | C07110982-002D                   | 11/21/2007 E200.7                      |                                               |
| Energy Metals Corp.                        | JAB #1 |            | Sodium, DIS                              |        |            | C07110982-002D                   | 11/21/2007 E200.7                      |                                               |
|                                            |        |            |                                          |        |            |                                  |                                        |                                               |

| Energy Metals Corp. | JAB #1  |            | Uranium, DIS                             |      |            | C07110982-002D                          | 11/21/2007 E200.8     |                                                  |
|---------------------|---------|------------|------------------------------------------|------|------------|-----------------------------------------|-----------------------|--------------------------------------------------|
| Energy Metals Corp. | JAB #1  | 11/21/2007 | Vanadium, DIS                            | -0,1 | Energy Lab | C07110982-002D                          | 11/21/2007 E200.8     | }                                                |
| Energy Metals Corp. | JAB #1  | 11/21/2007 | Zinc, DIS                                | 0.05 | Energy Lab | C07110982-002D                          | 11/21/2007 E200.8     |                                                  |
| Energy Metals Corp. | JAB #1  | 11/21/2007 | Gross Alpha, DIS                         | 68.5 | Energy Lab | C07110982-002E                          | 11/21/2007 E900.0     |                                                  |
| Energy Metals Corp. | JAB #1  | 11/21/2007 | Gross Beta, DIS                          | 30.6 | Energy Lab | C07110982-002E                          | 11/21/2007 E900.0     |                                                  |
|                     | JAB #1  | 11/21/2007 | Lead 210, DIS                            |      |            | C07110982-002E                          | 11/21/2007 E909.0M    |                                                  |
|                     | JAB #1  |            | Polonium 210, DIS                        |      |            | C07110982-002E                          | 11/21/2007 RMO-3008   |                                                  |
|                     | JAB #1  |            | Radium 226, DIS                          |      |            | C07110982-002E                          | 11/21/2007 E903.0     | <u> </u>                                         |
|                     | JAB #1  |            | Radium 228, DIS                          |      |            | C07110982-002E                          | 11/21/2007 RA-05      |                                                  |
|                     | JAB #1  |            | Thorium 230, DIS                         |      |            | C07110982-002E                          | 11/21/2007 E907.0     | {·                                               |
|                     | JAB #1  |            | Lead 210, SUS                            |      |            | C07110982-002F                          |                       |                                                  |
|                     | JAB #1  | 11/21/2007 | Pokonium 210, SUS                        |      |            |                                         | 11/21/2007 E909.0M    |                                                  |
|                     | JAB #1  |            |                                          |      |            | C07110982-002F                          | 11/21/2007 RMO-3008   |                                                  |
|                     |         |            | Radium 226, SUS                          |      |            | C07110982-002F                          | 11/21/2007 E903.0     | <u> </u>                                         |
|                     | JAB #1  |            | Thorium 230, SUS                         |      |            | C07110982-002F                          | 11/21/2007 E907.0     |                                                  |
|                     | JAB #1  |            | Uranium, SUS                             |      |            | C07110982-002F                          | 11/21/2007 E200.8     |                                                  |
|                     | MW-1291 |            | Gross Alpha, DIS                         | 1200 | Energy Lab | C08030356-001A                          | 3/11/2008 E900.0      |                                                  |
|                     | MW-1291 |            | Gross Alpha MDC, DIS                     | 7.6  | Energy Lab | C08030356-001A                          | 3/11/2008 E900.0      |                                                  |
|                     | MW-1291 |            | Gross Beta, DIS                          | 399  | Energy Lab | C08030356-001A                          | 3/11/2008 E900.0      |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Gross Beta MDC, DIS                      |      |            | C08030356-001A                          | 3/11/2008 E900.0      |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Lead 210, DIS                            |      |            | C08030356-001A                          | 3/11/2008 E909.0M     |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Polonium 210, DIS                        |      |            | C08030356-001A                          | 3/11/2008 RMO-3008    |                                                  |
|                     | MW-1291 |            | Radium 226, DIS                          |      |            | C08030356-001A                          | 3/11/2008 E903.0      | <u> </u>                                         |
|                     | MW-1291 |            | Radium 226 MDC, DIS                      |      |            | C08030355-001A                          | 3/11/2008 E903.0      |                                                  |
|                     | MW-1291 |            | Radium 228, DIS                          | 20   | Energy Lab | C08030356-001A                          | 3/11/2008 RA-05       | +                                                |
|                     | MW-1291 |            | Radium 228 MDC, DIS                      |      |            | C08030356-001A                          | 3/11/2008 RA-05       | <u> </u>                                         |
|                     | MW-1291 |            | Thorium 230, DIS                         |      |            |                                         |                       | }                                                |
|                     |         |            |                                          | 49   | Energy Lab | C08030356-001A                          | 3/11/2008 E907.0      |                                                  |
|                     | MW-1291 | 3/10/2008  |                                          |      |            | C08030356-001B                          | 3/11/2008 E200.7      | · · · · · · · · · · · · · · · · · · ·            |
|                     | MW-1291 |            | Manganese, TOT                           |      |            | C08030356-001B                          | 3/11/2008 E200.7      |                                                  |
|                     | MW-1291 |            | Nitrogen, Ammonia as N, DIS              |      |            | C08030356-001C                          | 3/11/2008 A4500-NH3 G |                                                  |
|                     | MW-1291 |            | Nitrogen, Nitrate+Nitrite as N, DIS      |      |            | C08030356-001C                          | 3/11/2008 E353.2      |                                                  |
|                     | MW-1291 |            | A/C Balance (± 5), DIS                   |      |            | C08030356-001D                          | 3/11/2008 Calculation |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Anions, DIS                              | 28.2 | Energy Lab | C08030356-001D                          | 3/11/2008 Calculation |                                                  |
|                     | MW-1291 |            | Bicarbonate as HCO3, DIS                 | 69   | Energy Lab | C08030356-001D                          | 3/11/2008 A2320 B     | · · · · · · · · · · · · · · · · · · ·            |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Carbonate as CO3, DIS                    | -1   | Energy Lab | C08030356-001D                          | 3/11/2008 A2320 B     |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Cations, DIS                             | 26.2 | Energy Lab | C08030356-001D                          | 3/11/2008 Calculation |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Chloride, DIS                            |      |            | C08030356-001D                          | 3/11/2008 A4500-CI B  |                                                  |
|                     | MW-1291 |            | Conductivity, DIS                        |      |            | C08030356-001D                          | 3/11/2008 A2510 B     | f                                                |
|                     | MW-1291 |            | Fluoride, DIS                            | 03   | Fnergy Lab | C08030356-001D                          | 3/11/2008 A4500-F C   | /                                                |
|                     | MW-1291 | 3/10/2008  |                                          |      |            | C08030356-001D                          | 3/11/2008 A4500-H B   |                                                  |
|                     | MW-1291 |            | Solids, Total Dissolved Calculated, DIS  |      |            | C08030356-001D                          | 3/11/2008 Calculation |                                                  |
|                     | MW-1291 |            | Solids, Total Dissolved TDS @ 180 C, DIS |      |            | C08030356-001D                          | 3/11/2008 A2540 C     | {                                                |
| Uranium One Inc.    | MW-1291 |            | Sulfate, DIS                             |      |            | C08030356-001D                          | 3/11/2008 A4500-SO4 E | <u>+</u>                                         |
|                     | MW-1291 |            | TDS Balance (0.80 - 1.20), DIS           | 1250 | Energy Lab | 000000000000000000000000000000000000000 | 3/11/2008 A4300-SO4 E | <u> </u>                                         |
|                     | MW-1291 |            |                                          |      |            | C08030356-001D                          |                       |                                                  |
|                     |         |            | Aluminum, DIS                            |      |            | C08030356-001E                          | 3/11/2008 E200.8      | <del>}~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del> |
|                     | MW-1291 |            | Arsenic, DIS                             |      |            | C08030356-001E                          | 3/11/2008 E200.8      | <u> </u>                                         |
|                     | MW-1291 |            | Barium, DIS                              |      |            | C08030356-001E                          | 3/11/2008 E200.8      | <b></b>                                          |
|                     | MW-1291 |            | Boron, DIS                               |      |            | C08030356-001E                          | 3/11/2008 E200.7      | <u></u>                                          |
|                     | MW-1291 |            | Cadmium, DIS                             |      |            | C08030356-001E                          | 3/11/2008 E200.8      |                                                  |
|                     | MW-1291 |            | Calcium, DIS                             |      |            | C08030356-001E                          | 3/11/2008 E200.7      |                                                  |
| Uranium One Inc.    | MW-1291 |            | Chromium, DIS                            |      |            | C08030356-001E                          | 3/11/2008 E200.7      |                                                  |
|                     | MW-1291 |            | Copper, DIS                              |      |            | C08030356-001E                          | 3/11/2008 E200.8      |                                                  |
|                     | MW-1291 | 3/10/2008  | Iron, DIS                                | 0.09 | Energy Lab | C08030356-001E                          | 3/11/2008 E200.7      |                                                  |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Lead, DIS                                |      |            | C08030356-001E                          | 3/11/2008 E200.8      | 1                                                |
| Uranium One Inc.    | MW-1291 |            | Magnesium, DIS                           |      |            | C08030356-001E                          | 3/11/2008 E200.7      | 1                                                |
|                     | MW-1291 |            | Manganese, DIS                           |      |            | C08030356-001E                          | 3/11/2008 E200.7      |                                                  |
|                     | MW-1291 |            | Mercury, DIS                             |      |            | C08030356-001E                          | 3/11/2008 E200.8      |                                                  |
|                     | MW-1291 |            | Molybdenum, DIS                          |      |            | C08030356-001E                          | 3/11/2008 E200.8      | +                                                |
|                     | MW-1291 |            | Nickel, DIS                              |      |            | C08030356-001E                          | 3/11/2008 E200.8      | · · · · · · · · · · · · · · · · · · ·            |
|                     | MW-1291 |            | Potassium, DIS                           |      |            |                                         |                       | <u> </u>                                         |
|                     |         |            | Selenium, DIS                            |      |            | C08030356-001E                          | 3/11/2008 E200.7      |                                                  |
|                     | MW-1291 |            |                                          |      |            | C08030356-001E                          | 3/11/2008 E200.8      | <u> </u>                                         |
| Uranium One Inc.    | MW-1291 | 3/10/2008  | Silica, DIS                              |      | Lnergy Lab | C08030356-001E                          | 3/11/2008 E200.7      | 1                                                |

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| <u></u>             | MW-1291    | 3/40/2008 | Sodium, DIS                              |       | E          | C08030356-001E | 3/11/2008 | E200 7      | T                                     |
|---------------------|------------|-----------|------------------------------------------|-------|------------|----------------|-----------|-------------|---------------------------------------|
| Uranium One Inc.    |            |           |                                          |       |            | C08030356-001E | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    |           | Uranium, DIS                             |       |            |                |           |             | +                                     |
| Uranium One Inc.    | MW-1291    |           | Vanadium, DIS                            |       |            | C08030356-001E | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    |           | Zinc, DIS                                |       |            | C08030356-001E | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    |           | Lead 210, SUS                            |       |            | C08030356-001F | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    |           | Polonium 210, SUS                        | 139   | Energy Lab | C08030356-001F |           | RMO-3008    |                                       |
| Uranium One Inc.    | MW-1291    |           | Radium 226, SUS                          |       |            | C08030356-001F | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    | 3/10/2008 | Radium 226 MDC, SUS                      |       |            | C08030356-001F | 3/11/2008 |             |                                       |
| Uranium One Inc.    | MW-1291    | 3/10/2008 | Thorium 230, SUS                         |       |            | C08030356-001F | 3/11/2008 | E907.0      |                                       |
| Uranium One Inc.    | MW-1291    | 3/10/2008 | Uranium, SUS                             | 0.333 | Energy Lab | C08030356-001F | 3/11/2008 | E200.8      | T                                     |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | A/C Balance (± 5), DIS                   | 1.86  | Energy Lab | C07061548-002A | 6/29/2007 | Calculation | <u></u>                               |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | Anions, DIS                              | 24.7  | Energy Lab | C07061548-002A | 6/29/2007 | Calculation | <u></u>                               |
| Energy Metals Corp. |            |           | Bicarbonate as HCO3, DIS                 |       |            | C07061548-002A | 6/29/2007 | A2320 B     |                                       |
| Energy Metals Corp. |            |           | Carbonate as CO3, DIS                    |       |            | C07061548-002A | 6/29/2007 |             | · · · · · · · · · · · · · · · · · · · |
|                     | MW-1291    |           | Cations, DIS                             |       |            | C07061548-002A |           | Calculation | +                                     |
|                     | MW-1291    |           | Chloride, DIS                            |       |            | C07061548-002A |           | A4500-CI B  |                                       |
| Energy Metals Corp. |            |           | Conductivity, DIS                        |       |            | C07061548-002A | 6/29/2007 |             | +                                     |
| Energy Metals Corp. | MW-1291    |           | Fluoride, DIS                            |       |            | C07061548-002A |           | A4500-F C   | +                                     |
| Energy Metals Corp. |            |           | Priconde, DIS                            |       |            | C07061548-002A |           | A4500-H B   | <del>}</del>                          |
|                     |            |           |                                          |       |            |                |           |             | ·                                     |
| Energy Metals Corp. |            |           | Solids, Total Dissolved Calculated, DIS  |       |            | C07061548-002A |           | Calculation | +                                     |
| Energy Metals Corp. | MW-1291    |           | Solids, Total Dissolved TDS @ 180 C, DIS |       |            | C07061548-002A | 6/29/2007 |             | <u> </u>                              |
| Energy Metals Corp. |            |           | TDS Balance (0.80 - 1.20), DIS           |       |            | C07061548-002A |           | Calculation | <u></u>                               |
|                     | MW-1291    |           | Nitrogen, Ammonia as N, DIS              |       |            | C07061548-002B |           | A4500-NH3 G | <u></u>                               |
| Energy Metals Corp. |            |           | Nitrogen, Nitrate+Nitrite as N, DIS      |       |            | C07061548-002B | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | Iron, TOT                                |       |            | C07061548-002C | 6/29/2007 |             |                                       |
|                     | MW-1291    |           | Manganese, TOT                           |       |            | C07061548-002C | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | Aluminum, DIS                            | -0.1  | Energy Lab | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | Arsenic, DIS                             | 0.004 | Energy Lab | C07061548-002D | 6/29/2007 | E200.8      |                                       |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | Barium, DIS                              |       |            | C07061548-002D | 6/29/2007 | E200.8      |                                       |
| Energy Metals Corp. |            | 6/28/2007 | 7 Boron, DIS                             | -0.1  | Energy Lab | C07061548-002D | 6/29/2007 | E200.7      |                                       |
| Energy Metals Corp. | MW-1291    |           | 7 Cadmium, DIS                           |       |            | C07061548-002D | 6/29/2007 |             |                                       |
|                     | MW-1291    |           | / Calcium, DIS                           | 433   | Energy Lab | C07061548-002D | 6/29/2007 |             | 1                                     |
| Energy Metals Corp. |            |           | Chromium, DIS                            |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    |           | 7 Copper, DIS                            |       |            | C07061548-002D | 6/29/2007 |             |                                       |
|                     | MW-1291    |           | 7 Itron, DIS                             |       |            | C07061548-002D | 6/29/2007 |             |                                       |
|                     | MW-1291    |           | 7 Lead, DIS                              |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    |           | Magnesium, DIS                           |       |            | C07061548-002D | 6/29/2007 |             | +                                     |
|                     | MW-1291    |           | 7 Manganese, DIS                         |       |            | C07061548-002D | 6/29/2007 |             | +                                     |
|                     |            |           |                                          |       |            |                | 6/29/2007 |             |                                       |
|                     | MW-1291    |           | / Mercury, DIS                           |       |            | C07061548-002D |           |             | <u> </u>                              |
| Energy Metals Corp. |            |           | 7 Molybdenum, DIS                        |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | 7 Nickel, DIS                            |       |            | C07061548-002D | 6/29/2007 |             | <u> </u>                              |
| Energy Metals Corp. | MW-1291    |           | 7 Potassium, DIS                         |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | 7 Selenium, DIS                          |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    |           | 7 Silica, DIS                            |       |            | C07061548-002D | 6/29/2007 |             | <u></u>                               |
| Energy Metals Corp. |            |           | 7 Sodium, DIS                            |       |            | C07061548-002D | 6/29/2007 |             | <u></u>                               |
| Energy Metals Corp. |            |           | 7 Sulfate, DIS                           |       |            | C07061548-002D | 6/29/2007 | E200.7      |                                       |
|                     | MW-1291    |           | 7 Uranium, DIS                           |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    |           | 7 Vanadium, DIS                          |       |            | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. | MW-1291    | 6/28/2007 | 7 Zinc, DIS                              | -0.01 | Energy Lab | C07061548-002D | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | 7 Lead 210, DIS                          |       |            | C07061548-002E |           | NERHL-65-4  |                                       |
| Energy Metals Corp. |            |           | 7 Polonium 210, DIS                      |       |            | C07061548-002E | 6/29/2007 | RMO-3008    |                                       |
| Energy Metals Corp. |            |           | 7 Radium 226, DIS                        |       |            | C07061548-002E | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | 7 Radium 228, DIS                        |       |            | C07061548-002E | 6/29/2007 |             | 1                                     |
| Energy Metals Corp. |            |           | 7 Thorium 230, DIS                       |       |            | C07061548-002E | 6/29/2007 |             | 1                                     |
| Energy Metals Corp. |            |           | 7 Lead 210, SUS                          |       |            | C07061548-002F |           | NERHL-65-4  | 1                                     |
| Energy Metals Corp. |            |           | 7 Polonium 210, SUS                      |       | Energy Lab | C07061548-002F |           | RMO-3008    | +                                     |
|                     |            |           | 7 Radium 226, SUS                        |       |            | C07061548-002F | 6/29/2007 |             | +                                     |
| Energy Metals Corp. |            |           |                                          |       |            | C07061548-002F | 6/29/2007 |             | +                                     |
| Energy Metals Corp. |            |           | 7 Thorium 230, SUS                       |       |            |                | 6/29/2007 |             |                                       |
| Energy Metals Corp. |            |           | 7 Uranium, SUS                           |       |            | C07061548-002F |           |             |                                       |
| Energy Metals Corp. |            |           | 7 A/C Balance (± 5), DIS                 |       |            | C07091134-001A |           | Calculation | +                                     |
| Energy Metals Corp. | [MW-1291 ] | 9/24/2007 | 7 Anions, DIS                            | 28.   | Energy Lab | C07091134-001A | 9/25/2007 | Calculation |                                       |
|                     |            |           |                                          |       |            |                |           |             |                                       |

| Energy Metals Corp.       | MAN 4004 | 0/0//0007  | Bicarbonate as HCO3, DIS                 |        |              | C07091134-001A                   | 0.05.00.0714.00000.0                  |                                         |
|---------------------------|----------|------------|------------------------------------------|--------|--------------|----------------------------------|---------------------------------------|-----------------------------------------|
|                           |          |            |                                          |        |              |                                  | 9/25/2007 A2320 B                     |                                         |
| Energy Metals Corp.       |          |            | Carbonate as CO3, DIS                    |        |              | C07091134-001A                   | 9/25/2007 A2320 B                     |                                         |
| Energy Metals Corp.       |          |            | Cations, DIS                             |        |              | C07091134-001A                   | 9/25/2007 Calculation                 |                                         |
| Energy Metals Corp.       |          |            | Chloride, DIS                            |        |              | C07091134-001A                   | 9/25/2007 A4500-CI B                  |                                         |
| Energy Metals Corp.       |          |            | Conductivity, DIS                        |        |              | C07091134-001A                   | 9/25/2007 A2510 B                     |                                         |
| Energy Metals Corp.       |          |            | Fluoride, DIS                            |        |              | C07091134-001A                   | 9/25/2007 A4500-F C                   |                                         |
| Energy Metals Corp.       |          | 9/24/2007  |                                          |        |              | C07091134-001A                   | 9/25/2007 A4500-H B                   |                                         |
| Energy Metals Corp.       |          |            | Solids, Total Dissolved Calculated, DIS  |        |              | C07091134-001A                   | 9/25/2007 Calculation                 |                                         |
| Energy Metals Corp.       | MW-1291  |            | Solids, Total Dissolved TDS @ 180 C, DIS | 2010   | Energy Lab   | C07091134-001A                   | 9/25/2007 A2540 C                     |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Sulfate, DIS                             | 1300   | Energy Lab   | C07091134-001A                   | 9/25/2007 A4500-SO4 E                 |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | TDS Batance (0.80 - 1.20), DIS           | 1.06   | Energy Lab   | C07091134-001A                   | 9/25/2007 Calculation                 |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Nitrogen, Ammonia as N, DIS              | -0.05  | Energy Lab   | C07091134-001B                   | 9/25/2007 A4500-NH3 G                 |                                         |
| Energy Metals Corp.       | MW-1291  |            | Nitrogen, Nitrate+Nitrite as N, DIS      |        |              | C07091134-001B                   | 9/25/2007 E353.2                      |                                         |
| Energy Metals Corp.       |          | 9/24/2007  |                                          |        |              | C07091134-001C                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Manganese, TOT                           |        |              | C07091134-001C                   | 9/25/2007 E200.7                      | ······································  |
| Energy Metals Corp.       |          |            | Aluminum, DIS                            |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Arsenic, DIS                             |        |              | C07091134-001D                   | 9/25/2007 E200.8                      | · - { ·                                 |
| Energy Metals Corp.       |          |            | Barium, DIS                              |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Boron, DIS                               |        |              | C07091134-001D                   |                                       | · f · · · · · · · · · · · · · · · · · · |
| Energy Metals Corp.       |          |            | Cadmium, DIS                             |        |              |                                  | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Calcium, DIS                             |        |              | C07091134-001D                   | 9/25/2007 E200.8                      | ···                                     |
| Energy Metals Corp.       |          |            | Calcium, DIS                             |        |              | C07091134-001D                   | 9/25/2007 E200.7                      | ·                                       |
|                           |          |            |                                          |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Copper, DIS                              |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          | 9/24/2007  |                                          |        |              | C07091134-001D                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Lead, DIS                                |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Magnesium, DIS                           |        |              | C07091134-001D                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Manganese, DIS                           |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Mercury, DIS                             | -0.001 | Energy Lab   | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Molybdenum, DIS                          | -0.1   | Energy Lab   | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Nickel, DIS                              | -0.05  | Energy Lab   | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Potassium, DIS                           | 8      | Energy Lab   | C07091134-001D                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       | MW-1291  |            | Selenium, DIS                            |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       | MW-1291  | 9/24/2007  | Silica, DIS                              | 19.9   | Energy Lab   | C07091134-001D                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Sodium, DIS                              |        |              | C07091134-001D                   | 9/25/2007 E200.7                      |                                         |
| Energy Metals Corp.       |          |            | Uranium, DIS                             |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Vanadium, DIS                            |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          | 9/24/2007  |                                          |        |              | C07091134-001D                   | 9/25/2007 E200.8                      |                                         |
| Energy Metals Corp.       |          |            | Lead 210, DIS                            |        |              | C07091134-001E                   | 9/25/2007 E909.0M                     |                                         |
| Energy Metals Corp.       |          |            | Polonium 210, DIS                        |        |              | C07091134-001E                   | 9/25/2007 RMO-3008                    | · -{                                    |
| Energy Metals Corp.       |          |            | Radium 226. DIS                          |        |              | C07091134-001E                   | 9/25/2007 E903.0                      |                                         |
| Energy Metals Corp.       |          |            | Radium 228, DIS                          |        |              | C07091134-001E                   | 9/25/2007 RA-05                       |                                         |
|                           |          |            |                                          |        |              |                                  |                                       | · · · · · · · · · · · · · · · · · · ·   |
| Energy Metals Corp.       | MW-1291  |            | Thorium 230, DIS                         |        |              | C07091134-001E<br>C07091134-001F | 9/25/2007 E907.0<br>9/25/2007 E909.0M |                                         |
|                           |          |            | Lead 210, SUS                            |        |              |                                  |                                       | - <u> </u>                              |
| Energy Metals Corp.       |          |            | Polonium 210, SUS                        |        |              | C07091134-001F                   | 9/25/2007 RMO-3008                    | · <del>  </del>                         |
| Energy Metals Corp.       |          |            | Radium 226, SUS                          |        |              | C07091134-001F                   | 9/25/2007 E903.0                      |                                         |
| Energy Metals Corp.       |          |            | Thorium 230, SUS                         |        |              | C07091134-001F                   | 9/25/2007 E907.0                      |                                         |
| Energy Metals Corp.       |          |            | Uranium, SUS                             |        |              | C07091134-001F                   | 9/25/2007 E200.8                      |                                         |
|                           | MW-1291  |            | Gross Alpha, DIS                         |        |              | C07120756-001A                   | 12/14/2007 E900.0                     |                                         |
|                           | MW-1291  |            | Gross Beta, DIS                          |        |              | C07120756-001A                   | 12/14/2007 E900.0                     |                                         |
| Uranium One Inc.          | MW-1291  |            | Radium 226. DIS                          |        |              | C07120756-001A                   | 12/14/2007 E903.0                     |                                         |
| Uranium One Inc.          | MW-1291  |            | Radium 228, DIS                          |        |              | C07120756-001A                   | 12/14/2007 RA-05                      |                                         |
|                           | MW-1291  | 12/12/2007 |                                          |        |              | C07120756-001B                   | 12/14/2007 E200.7                     |                                         |
| Uranium One Inc.          | MW-1291  |            | Manganese, TOT                           |        |              | C07120756-001B                   | 12/14/2007 E200.7                     |                                         |
| Uranium One Inc.          | MW-1291  |            | Nitrogen, Ammonia as N, DIS              |        |              | C07120756-001C                   | 12/14/2007 A4500-NH3 G                |                                         |
| Uranium One Inc.          | MW-1291  |            | Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1   | Energy Lab   | C07120756-001C                   | 12/14/2007 E353.2                     |                                         |
| Uranium One Inc.          | MW-1291  | 12/12/2007 | A/C Balance (± 5), DIS                   | 2.00   | Energy Lab   | C07120756-001D                   | 12/14/2007 Calculation                |                                         |
| Uranium One Inc.          | MW-1291  |            | Anions, DIS                              |        |              | C07120756-001D                   | 12/14/2007 Calculation                |                                         |
| Uranium One Inc.          | MW-1291  |            | Bicarbonate as HCO3, DIS                 |        |              | C07120756-001D                   | 12/14/2007 A2320 B                    |                                         |
| Uranium One Inc.          | MW-1291  |            | Carbonate as CO3, DIS                    |        |              | C07120756-001D                   | 12/14/2007 A2320 B                    |                                         |
| Uranium One Inc.          | MW-1291  |            | Cations, DIS                             |        |              | C07120756-001D                   | 12/14/2007 Calculation                |                                         |
|                           | MW-1291  |            | Chloride, DIS                            |        |              | C07120756-001D                   | 12/14/2007 A4500-CI B                 |                                         |
| Constitution of the late. |          |            | Guidand, Dig                             | ·//    | LUNCI KY LAD | 100110100-0010                   | 1 12 14 2001 [14 000-04 D             |                                         |
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| United by B.         United by B.<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | It for a long to a | 11041 4004 |                                                     |                                  |                        |
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| Unimum Das E., MAN 1381         19712807 [Ph 15]         7.98 [samp Lab. 20712974-0010]         19742807 [samp Lab. 20712974-0010]           Unimum Das E., MAN 1391         19712807 [samp Lab. 2080]         1100 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2080]           Unimum Das E., MAN 1391         19712807 [samp Lab. 2081]         1100 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [TB Balang 0.8 -1.30]         0.91 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [TB Balang 0.8 -1.30]         0.91 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Samp Lab. 2081]         0.91 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Samp Lab. 2081]         -0.1 [samp Lab. 20712974-0010]         19742807 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Samp Lab. 2081]         -0.1 [samp Lab. 20712974-0010]         19744007 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Samp Lab. 2081]         -0.0 [samp Lab. 20712974-0010]         19744007 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Samp Lab. 2081]         -0.0 [samp Lab. 20712974-0010]         19744007 [samp Lab. 2081]           Unimum Das E., MAN 1391         1972807 [Man 140]         0.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.   | MW-1291    | 12/12/2007 Conductivity, DIS                        | 2150 Energy Lab C07120756-001D   | 12/14/2007 A2510 B     |
| United on Star.         MM-1281         07120207 Stable (Science)         Contract Science)         Contract Science           Unstand One Star.         MM-1291         107120007 State.         MO-1291         107120007 State.         MO-1291           Unstand One Star.         MM-1291         107120007 State.         MO-1291         107120007 State.         MO-1291           Unstand One Star.         MM-1291         107120007 State.         Gold         Contract Science         20712076-2007         Contract Science         20712076-2007         Contract Science         20712076-2007         Contract Science         20712076-2007         Contract Science         20712007         Contract Science         20712076-2007         Contract Science         20712077-2007         Contract Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                     |                                  |                        |
| Unnum Die Isc.         WM:1281         17122007 Späth. Tod Dissont Die § 100 C 05         160 C 052         176 Dissont Die Sc.         17722007 Späth. Tod Die Sc.                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.   | MW-1291    | 12/12/2007 pH, DIS                                  | 7.99 Energy Lab C07120756-001D   | 12/14/2007 A4500-H B   |
| Unimum One Inc.         MM-1581         1912/2007 (Balance Status (B a) 1/20 IDS         1140         Serrage Lab.         OP112/0000         Control Status (B a) 1/20 IDS           Unimum One Inc.         MM-1591         1912/2007 (Balance Status (B a) 1/20 IDS         0.00         1912/2007 (Balance Stat                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.   | MW-1291    | 12/12/2007 Solids, Total Dissolved Calculated, DIS  | 1690 Energy Lab C07120756-001D   | 12/14/2007 Calculation |
| Unimum One Inc.         MM-1581         1912/2007 (Balance Status (B a) 1/20 IDS         1140         Serrage Lab.         OP112/0000         Control Status (B a) 1/20 IDS           Unimum One Inc.         MM-1591         1912/2007 (Balance Status (B a) 1/20 IDS         0.00         1912/2007 (Balance Stat                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.   | MW-1291    | 12/12/2007 Solids, Total Dissolved TDS @ 180 C. DIS |                                  |                        |
| Unsight One Inc.         MM (-13)         (12) (2207) [Assigned (0.6.1.20), D.S.         (11) [Exerg. Lab. COT(12) (24-00) [Cot a)           Unsigned One Inc.         MM (-12)         (12) (2207) [Assigned (0.6.1.20), D.S.         (10) (27) (24-00) [Cot a)         (12) (2400) [Cot a)           Unsigned One Inc.         MM (-12)         (12) (2207) [Assigned (0.6.1.20), D.S.         (10) (27) (27) (27) (27) (27) (27) (27) (27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |            |                                                     |                                  |                        |
| Unable One Inc.         MM - 191         (59) 2007 Manufum, DS         -0.1         Construction of the Con |                    |            |                                                     |                                  |                        |
| Unstaut One Inc.         MM -139         (29/2007) Margin Coling.         0.000 Enror Lab.         COINT 2074-001E         COINT 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                     |                                  |                        |
| Unaban One Inc.         MM-1281         19/12/007 [Barún, Dé         -0.1         Energy Lab. 07/10795-001E         19/14/007 [E000 ]           Unaban One Inc.         MM-1291         19/12/2007 [Barún, DÉ         -0.1         Bart Lab. 07/10795-001E         19/14/007 [E000 ]           Unaban One Inc.         MM-1291         19/12/2007 [Cabra, DE         -0.1         Bart Lab. 07/10795-001E         19/14/007 [E000 ]           Unaban One Inc.         MM-1291         19/12/2007 [Cabra, DE         -0.0         19/14/071 [E000 ]         19/14/007 [E000 ]           Unaban One Inc.         MM-1291         19/12/2007 [Cabra, DE         -0.0         19/14/071 [E000 ]         19/14/007 [E000 ]           Unaban One Inc.         MM-1291         19/12/2007 [Margenes,DE         -0.0         19/14/2007 [E001 ]         19/14/2007 [E001 ]           Unaban One Inc.         MM-1291         19/12/2007 [Margenes,DE         -0.0         10/12/14/2007 [E001 ]         19/14/2007 [E001 ]           Unaban One Inc.         MM-1291         19/12/2007 [Margenes,DE         -0.0         10/12/14/2007 [E001 ]         19/14/2007 [E001 ]           Unaban One Inc.         MM-1291         19/12/2007 [Margenes,DE         -0.0         10/12/14/2007 [E001 ]         19/14/2007 [E001 ]           Unaban One Inc.         MM-1291         19/12/2007 [Bint,DE         -0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |            |                                                     |                                  |                        |
| Unnamo ko ko         WM-121         C122027 (2minum Osis         -0.1 Energy Lab (2710795-001E         12942007 (200.0           Unnamo ko ko         WM-121         C122027 (2minum Osis         -0.0 Energy Lab (2710795-001E         12942007 (200.0           Unnamo ko ko         WM-121         C122027 (2minum Osis         -0.0 Energy Lab (2710795-001E         12942007 (200.0           Unnamo Ko ko         WM-121         C122027 (2minum Osis         -0.0 Energy Lab (2710795-001E         12942007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Lab (2minu Osis)         -0.0 Energy Lab (2710795-001E         12942007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Lab (2minu Osis)         -0.0 Energy Lab (2710795-001E         129442007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Lab (2minu Osis)         -0.0 Energy Lab (2710795-001E         129442007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Lab (2minu Osis)         -0.0 Energy Lab (2710795-001E         129442007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Mondoaun, DS         -0.0 Energy Lab (2710795-001E         129442007 (200.0           Unnamo Ko ko         WM-121         C1220207 (Mondoaun, DS         -0.0 Energy Lab (2710795-001E         129442007 (200.0           Unnamo Ko ko         WM-121         C1220207 (2minum Osis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |            |                                                     |                                  |                        |
| Unnam One Inc.         4000 [samp Lab. 07:10874-001]         12012007 [cabitan, Dis.         4.00 [samp Lab. 07:10874-001]         12012007 [cabitan, Dis.         4.01 [samp Lab. 07:10874-001]         12012007 [samp Lab. 08:108.01]         12012                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     |                                  |                        |
| Unnahm One ke, MW-1281         1972/2007 Calciam, Dis         9397 Senzy Lab.         1971/2007 Calcia, m.           Unnahm One ke, MW-1281         1972/2007 Canpac, Dis         4.01         Destruct Lab.         1971/2007 Calcia, m.           Unnahm One ke, MW-1281         1972/2007 Canpac, Dis         4.01         Destruct Lab.         1971/2007 Calcia, m.           Unnahm One ke, MW-1281         1972/2007 Canpac, Dis         4.00         Destruct Lab.         1971/2007 Calcia, m.           Unnahm One ke, MW-1281         1972/2007 Calcia, Dis         -9         0.01         Destruct Lab.         1971/2007 Calcia, m.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -20         Destruct Lab.         1971/2007 Calcia, M.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -0.01         Destruct Lab.         1971/2007 Calcia, M.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -0.01         Destruct Lab.         1971/2007 Calcia, M.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -0.01         Destruct Lab.         1971/2007 Calcia, M.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -0.01         Destruct Lab.         1971/2007 Calcia, M.           Unnahm One ke, MW-1291         1972/2007 Managa, Dis         -0.01         Destruct Lab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                     |                                  | 12/14/2007 E200.7      |
| Unaturo no kr.         WW-121         19722007 Chromium, D.S.         -0.6 Serrer Lab.         0712078-007E         171402007 (200.6.)           Unaturo no kr.         WW-1231         0712078-007E         1714078-007E         17140007E         1714078-007E         1714007E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Uranium One Inc.   |            |                                                     | -0.005 Energy Lab C07120756-001E | 12/14/2007 E200.8      |
| Unable One Mc.         MM-1291         12122007 Chromkun, DS         -4.08         Exempt Lab.         C0170758-007E         E17442007 [20:0.8.]           Unable Die Mc.         MM-1291         12122007 Capage, DS         -4.00         Exempt Lab.         D0170756-007E         127442007 [20:0.8.]           Unable Die Mc.         MM-1291         12122007 Capage, DS         -4.00         Exempt Lab.         D0170756-007E         12742007 [20:0.7           Unable Die Mc.         MM-1291         12122007 Manganeta, DS         -2.21         Exempt Lab.         D0170756-007E         12742007 [20:0.6]           Unable Die Mc.         MM-1291         12122007 Manganeta, DS         -0.01         Exempt Lab.         D0170756-007E         127442007 [20:0.6]           Unable Die Mc.         MM-1291         12122007 [Mongdemun, DS         -0.01         Exempt Lab.         D0170756-007E         12744207 [20:0.7           Unable Die Mc.         MM-1291         12722007 [Mongdemun, DS         -0.01         Exempt Lab.         D0170756-007E         12744207 [20:0.7           Unable Die MM-1291         12722007 [Mongdemun, DS         -0.02         Exempt Lab.         D0170756-007E         12744207 [20:0.7           Unable Die MM-1291         12722007 [Solatin, DS         -0.02         Exempt Lab.         D0170756-007E         12744207 [20:0.7<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.   | MW-1291    | 12/12/2007 Calcium, DIS                             | 397 Energy Lab C07120756-001E    | 12/14/2007 E200.7      |
| Uraniam One Inc.         MM-1981         12/22007 (Depr. DIS         4.01         Demry Lak.         07/20756-001E         12/44207 (E30.6)           Ubaniam One Inc.         MM-1981         12/22007 (IAR.D. DIS         4.00         Corr 20756-001E         12/44207 (E30.6)           Ubaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.00         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.00         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.01         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.01         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.01         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         4.04         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         0.41         Corr 20756-001E         12/44207 (E30.6)           Unaniam One Inc.         MM-1291         12/22007 (IAR.D. DIS         0.41         Corr 207765-001E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Uranium One Inc.   | MW-1291    | 12/12/2007 Chromium, DIS                            |                                  | 12/14/2007 E200.8      |
| Unaniam One Inc.         MM-1891         12/12/2007 (Inc. DIS         4.003 [serry Lin. 6 (27)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 (Indepretation, DIS         20         0.07) [27:0576-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 (Indepretation, DIS         0.02 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 (Indepretation, DIS         0.01 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 (Indepretation, DIS         0.00 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Indepretation, DIS         0.00 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Indepretation, DIS         0.00 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Indepretation, DIS         0.00 [serry Lin. 6 (07)/2076-0016         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Indepretation, DIS         0.02 [serry Lin. 6 (07)/2076-0116         12/14/2007 [250.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Indepretation, DIS         0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |            |                                                     |                                  |                        |
| Unaniam One Inc.         MM-1291         12/12/2007 [Aad, D IS         4.007 [arrry Lab. G77:2075-001E         12/14/2007 [200.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Mangness, DIS         27 Barry Lab. G77:2075-001E         12/14/2007 [200.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Mangness, DIS         0.00 [arrry Lab. G77:2075-001E         12/14/2007 [200.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Mangness, DIS         0.00 [arrry Lab. G77:2075-001E         12/14/2007 [200.6]           Unaniam One Inc.         MM-1291         12/12/2007 [Mangness, DIS         0.01 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]           Unaniam One Inc.         MM-1291         12/12/2007 [Bangn, DIS         0.000 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]           Unaniam One Inc.         MM-1291         12/12/2007 [Bangn, DIS         0.000 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]           Unaniam One Inc.         MM-1291         12/12/2007 [Bangn, DIS         0.346 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]           Unaniam One Inc.         MM-1291         12/12/2007 [Bangn, DIS         0.346 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]           Unaniam One Inc.         MM-1291         12/12/2007 [Bangn, DIS         0.346 [arrry Lab. G77:2075-001E         12/14/2007 [200.7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |            |                                                     |                                  |                        |
| Uaniam One Inc.         MM-1291         127122007         Magnetas, Dis         22         Description         12/14/2007         Ecologia           Unaniam One Inc.         MM-1291         127122007         Managnetas, Dis         0.28         Earry Lab         C0772075-601E         12/14/2007         Ecologia           Unaniam One Inc.         MM-1291         127122007         Mondetas         0.001         Earry Lab         C0772075-601E         12/14/2007         Ecologia           Unaniam One Inc.         MM-1291         127122007         Mondetas         0.001         Ecologia         Ecologia           Unaniam One Inc.         MM-1291         127122007         Steamin, Dis         0.002         Ecologia         Ecologia           Unaniam One Inc.         MM-1291         127122007         Steamin, Dis         0.002         Earry Lab         C07720756-001E         127142007         Ecologia           Unaniam One Inc.         MM-1291         127122007         Daniam One Inc.         MM-1292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |            |                                                     |                                  |                        |
| Unanim One Inc.         MM-1291         12/12/2007 Manganese, DIS         0.20 Instruct Jac         0/20156-001E         12/14/2007 [200.3           Unanim One Inc.         MM-1291         12/12/2007 Manganese, DIS         0.01 Instruct Jac         0/20156-001E         12/14/2007 [200.6           Unanim One Inc.         MM-1291         12/12/2007 Manganese, DIS         0.01 Instruct Jac         0/12/0756-001E         12/14/2007 [200.6           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0/201576-001E         12/14/2007 [200.7           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0.01 Instruct JIS         0/201776-001E         12/14/2007 [200.7           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0.94 Instruct JIS         0/201776-001E         12/14/2007 [200.7           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0.44 Instruct JIS         0/20176-001E         12/14/2007 [200.8           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0.12 Instruct JIS         0/20176-001E         12/14/2007 [200.8           Unanim One Inc.         MM-1291         12/12/2007 [Solita JIS         0.12 Instruct JIS         0/216-001E         12/14/2007 [200.8           Unanim One Inc.         MM-1292         12/12/2007 [Solita JIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                     |                                  |                        |
| Unanium Cree Re.         MM-1291         121/22007 Hercury, DIS         -0.001 Energy Lab.         071/2075-601E         121/42007 E20.8           Urankum Cree Re.         MM-1291         121/22007 Mickai, DIS         -0.05         Energy Lab.         071/2075-601E         121/42007 E20.8           Urankum Cree Re.         MM-1291         121/22007 Mickai, DIS         -0.05         Energy Lab.         071/2075-601E         121/42007 E20.7           Urankum Cree Re.         MM-1291         121/22007 Mickai, DIS         -0.002         Energy Lab.         071/2075-601E         121/42007 E20.8           Urankum Cree Re.         MM-1291         121/22007 Urankum, DIS         -0.002         Energy Lab.         071/2075-601E         121/42007 E20.8           Urankum Cree Re.         MM-1291         121/22007 Urankum, DIS         -0.412         E21/2077 E20.6         121/42007 E20.8           Urankum Cree Re.         MM-1291         121/22007 Dan, DIS         -0.02         Ezergy Lab.         071/2075-601E         121/42007 E20.8           Urankum Cree Re.         MM-1292         31/02008 Erosa Apha, DIS         130         Eary Lab.         06000.000           Urankum Cree Re.         MM-1292         31/02008 Erosa Apha, DIS         130         Eary Lab.         06000.000           Urankum Cree Re.         MM-1292 </td <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |            |                                                     |                                  |                        |
| Unaburn One Brc.         MM-1291         127/22007 Mode/anim. DIS         -0.1         Earry Lab.         C/1120756-001E         127/42007 E200.8           Unaburn One Brc.         MM-1291         127/22007 Mode/anim. DIS         -0.06         Earry Lab.         C/120756-001E         127/42007 E200.8           Unaburn One Brc.         MM-1291         127/22007 Selemum. DIS         -0.002         Earry Lab.         C/120756-001E         127/42007 E200.8           Unaburn One Brc.         MM-1291         127/22007 Selemum. DIS         -0.002         Earry Lab.         C/120756-001E         127/42007 E200.7           Unaburn One Brc.         MM-1291         127/22007 Database         -0.012         E207/2007 E200.7           Unaburn One Brc.         MM-1291         127/22007 Database         -0.012         E207/2007 E200.7           Unaburn One Brc.         MM-1292         37/02008 Gross Apba MOC. DIS         -0.02         Earry Lab.         C/02007 E200.7           Unaburn One Brc.         MM-1292         37/02008 Gross Apba MOC. DIS         -1.12         Earry Lab.         C/02003 E400.0           Unaburn One Brc.         MM-1292         37/02008 Gross Apba MOC. DIS         -1.2         Earry Lab.         C/02003 E400.0           Unaburn One Brc.         MM-1292         37/02008 Gross Abba MOC. DIS         -2.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |            |                                                     |                                  |                        |
| Unalum One Inc.         MW-1281         12/12/2007 Nicks JDS         0.05 Earry Lab.         C07/12/78-001E         12/14/2007 [200.8]           Unalum One Inc.         MW-1291         12/12/2007 [Selasium, DIS         0.002 Earry Lab.         07/12/78-001E         12/14/2007 [200.8]           Unalum One Inc.         MW-1291         12/12/2007 [Selasium, DIS         0.002 Earry Lab.         07/12/78-001E         12/14/2007 [200.7]           Unalum One Inc.         MW-1291         12/12/2007 [Selasium, DIS         0.412 Earry Lab.         12/14/2007 [200.7]           Unalum One Inc.         MW-1291         12/12/2007 [Vanadum, DIS         0.412 Earry Lab.         12/14/2007 [200.8]           Unalum One Inc.         MW-1291         12/12/2007 [Vanadum, DIS         0.412 Earry Lab.         12/14/2007 [200.8]           Unalum One Inc.         MW-1291         12/12/2007 [Vanadum, DIS         0.412 Earry Lab.         12/14/2007 [200.8]           Unalum One Inc.         MW-1292         12/12/2007 [Vanadum, DIS         0.112 Earry Lab.         12/14/2007 [200.8]         12/14/2007 [200.8]           Unanum One Inc.         MW-1292         31/12/2008 [Cose Balu, DIC, DIS         0.112 Earry Lab.         12/14/2007 [200.8]         12/14/2007 [200.8]           Unanum One Inc.         MW-1292         31/12/2008 [Cose Balu, DIC, DIS         12/14/2007 [2003/85-002A         31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |            |                                                     |                                  |                        |
| Uranum One Inc.         MW-1291         12122007 Nicka, DS         406 Exergy Lab.         C07120756-001E         1914/42007 [200.6]           Uranum One Inc.         MW-1291         12122007 [Setalum, DIS         9 Exergy Lab.         C07120756-001E         1914/42007 [200.6]           Uranum One Inc.         MW-1291         12122007 [Setalum, DIS         0.002 Exergy Lab.         C07120756-001E         1214/42007 [200.6]           Uranum One Inc.         MW-1291         12122007 [Setalum, DIS         0.49 Exergy Lab.         1214/42007 [200.6]           Uranum One Inc.         MW-1291         12122007 [Vanadum, DIS         0.49 Exergy Lab.         1214/42007 [200.6]           Uranum One Inc.         MW-1291         12122007 [Vanadum, DIS         0.41 Exergy Lab.         107120758-001E         1214/42007 [200.6]           Uranum One Inc.         MW-1292         12102006 [Costa Alpha DIS         0.11 Exergy Lab.         107120758-001E         1214/42007 [200.6]           Uranum One Inc.         MW-1292         3102008 [Costa Alpha DIS         0.11 Exergy Lab.         107120758-001E         107120758-001E         107120758-001E         1071420769 [200.6]           Uranum One Inc.         MW-1292         3102008 [Costa Alpha DIS         0.11 Exergy Lab.         10700018950-002A         31112000 [200.6]         1071200100140000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |            |                                                     | -0.1 Energy Lab C07120756-001E   | 12/14/2007 E200.8      |
| Uranium One Inc.         WW-1291         12/22007 [Polasiam, DIS         9 [2mrg Lab. C07120756-001E         12/4/2007 [200.7]           Uranium One Inc.         MW-1291         12/22007 [Steica, DIS         1.9.8 [Zerrg Lab. C07120756-001E         12/4/2007 [200.7]           Uranium One Inc.         MW-1291         12/22007 [Steica, DIS         0.002 [Zerrg Lab. C07120756-001E         12/4/2007 [200.7]           Uranium One Inc.         MW-1291         12/22007 [Vanadum DIS         0.048 [Zerrg Lab. C07120756-001E         12/4/2007 [200.6]           Uranium One Inc.         MW-1291         12/22007 [Vanadum DIS         0.048 [Zerrg Lab. C07120756-001E         12/4/2007 [200.6]           Uranium One Inc.         MW-1291         12/12/2007 [Vanadum DIS         0.048 [Zerrg Lab. C07120756-001E         12/4/2007 [200.6]           Uranium One Inc.         MW-1292         31/02/008 [Gross Atph MOC, DIS         1.1 [Zerrg Lab. C0800356-002A         31/1/12/008 [E90.0]           Uranium One Inc.         MW-1292         31/02/008 [Gross Beth, DIS         1.3 [Zerrg Lab. C08003556-002A         31/1/12/008 [E90.0]           Uranium One Inc.         MW-1292         31/02/008 [Gross Beth, DIS         2.4 [Zerrg Lab. C08003556-002A         31/1/12/008 [E90.0]           Uranium One Inc.         MW-1292         31/02/008 [Gross Beth, DIS         2.4 [Zerrg Lab. C08003556-002A         31/1/12/008 [E90.0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.   | MW-1291    | 12/12/2007 Nickel, DIS                              |                                  |                        |
| Unabum One Inc.         MW 1291         1972/2007 [Second]         199         Earrory Lab         COT/20756-001E         1274/2007 [E200.8           Unahum One Inc.         MW 1291         1272/2007 [Sodum, DIS         44         Earrory Lab         COT/20756-001E         12/14/2007 [E200.7           Uranium One Inc.         MW 1291         1272/2007 [Sodum, DIS         0.348 [Earrory Lab         COT/20756-001E         12/14/2007 [E200.8           Uranium One Inc.         MW 1291         1272/2007 [Vanalum, DIS         0.348 [Earrory Lab         COT/20756-001E         12/14/2007 [E200.8           Uranium One Inc.         MW 1291         12/12/2007 [Vanalum, DIS         0.20 Earrory Lab         COT/20756-001E         12/14/2007 [E200.8           Uranium One Inc.         MW 1292         31/12/200 [Cano Bage Bag, DIS         0.20 Earrory Lab         COT/20756-001E         12/14/2007 [E200.8           Uranium One Inc.         MW 1292         31/12/200 [MW 1200         Earrory Lab         COM000356-002A         31/12/200 [EV00.8           Uranium One Inc.         MW 1292         31/12/200 [MW 1200         Earrory Lab         COM00356-002A         31/12/200 [EV00.8           Uranium One Inc.         MW 1292         31/12/200 [MW 1200         Earrory Lab         COM00356-002A         31/12/200 [EV0-300           Uranium One Inc.         MW 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uranium One Inc.   | MW-1291    |                                                     |                                  |                        |
| Unanium One hn.         NW+1291         19/12/2007 [Stidan, DiS         19.9 Stranger Lak (2017) (20756-001E         12/12/2007 [Ex00.7           Unanium One hn.         NW+1291         12/12/2007 [Stodam, DIS         44 Energy Lak (2017) (20756-001E         12/14/2007 [Ex00.8           Unanium One hn.         NW+1291         12/12/2007 [Zno. DIS         0.42 Energy Lak (2017) (20756-001E         12/14/2007 [Ex00.8           Unanium One hn.         NW+1291         12/12/2007 [Zno. DIS         0.02 Energy Lak (2017) (20756-001E         12/14/2007 [Ex00.8           Unanium One hn.         NW+1281         12/12/2007 [Zno. DIS         0.02 Energy Lak (2017) (20756-001E         12/14/2007 [Ex00.8           Unanium One hn.         NW+1282         31/02/008 [Gross Alpha, DIS         110 Energy Lak (2003) (2003) (2004)         31/12/008 [E900.0           Unanium One hn.         NW+1282         31/02/008 [Gross Bate NDC, DIS         15 Energy Lak (2008) (2004)         31/12/008 [E900.0           Unanium One hn.         NW+1282         31/02/008 [Dross Date NDC, DIS         15 Energy Lak (2008) (2004)         31/12/008 [E900.0           Unanium One hn.         NW+1282         31/02/008 [Bross Date NDC, DIS         2.4 Energy Lak (2008) (2004)         31/12/008 [E900.0           Unanium One hn.         NW+1282         31/02/008 [Bross Date NDC, DIS         2.4 Energy Lak (2008) (2005)         31/12/008 [E900.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Unanium One Inc.         MW-1291         12/12/2007 [Sodium, DIS         0.44 [Earry: Lab.         C07120756-001E         12/14/2007 [E200.8           Unanium One Inc.         MW-1291         12/12/2007 [Vanium, DIS         0.44 [Earry: Lab.         C07120756-001E         12/14/2007 [E200.8           Unanium One Inc.         MW-1291         12/12/2007 [Vanium, DIS         0.02 [Earry: Lab.         C07120756-001E         12/14/2007 [E200.8           Unanium One Inc.         MW-1292         3/10/2008 [Gross Alpha DIC, DIS         130 [Earry: Lab.         C0803355-002A         3/11/2008 [E300.0           Unanium One Inc.         MW-1292         3/10/2008 [Gross Balph DIC, DIS         4.57 [Earry: Lab.         C0803355-002A         3/11/2008 [E300.0           Unanium One Inc.         MW-1292         3/10/2008 [Gross Balph MIC, DIS         4.5 [Earry: Lab.         C0803355-002A         3/11/2008 [E300.0           Unanium One Inc.         MW-1292         3/10/2008 [Radum 224, DIS         4.2 [Earry: Lab.         C0803355-002A         3/11/2008 [Radum 224, DIS           Unanium One Inc.         MW-1292         3/10/2008 [Radum 224, DIS         4.2 [Earry: Lab.         C0803355-002A         3/11/2008 [Radum 224, DIS           Unanium One Inc.         MW-1292         3/10/2008 [Radum 224, DIS         4.2 [Earry: Lab.         C0803355-002A         3/11/2008 [Radum 224, DIS         1.2 [Ea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1291         12/12/2007 [Uranium, DIS         0.348 [zenrgr Lab         C07120756-001E         12/14/2007 [200.8           Uranium One Inc.         MW-1291         12/12/2007 [Zinc, DIS         0.02 [zenrgr Lab         C07120756-001E         12/14/2007 [200.8           Uranium One Inc.         MW-1291         31/02/2008 [cross Alpha, DIS         0.02 [zenrgr Lab         C07120756-001E         12/14/2007 [200.8           Uranium One Inc.         MW-1292         31/02/2008 [cross Alpha, MDC, DIS         1.11 [zenrgr Lab         C08003056-002A         31/12/2008 [E00.0           Uranium One Inc.         MW-1292         31/02/2008 [cross Alpha, MDC, DIS         1.5 [zenrgr Lab         C08003056-002A         31/12/2008 [E00.0           Uranium One Inc.         MW-1292         31/02/2008 [cross Beta, MDC, DIS         1.5 [zenrgr Lab         C08003056-002A         31/12/2008 [E00.0           Uranium One Inc.         MW-1292         31/02/2008 [cross Beta, MDC, DIS         2.5 [zenrgr Lab         C08003056-002A         31/12/2008 [Redon 240           Uranium One Inc.         MW-1292         31/02/2008 [Redon 220, DIS         3.6 [zenrgr Lab         C08003056-002A         31/12/2008 [Redon 240           Uranium One Inc.         MW-1292         31/02/2008 [Redon 240, DIS         3.6 [zenrgr Lab         C08030356-002A         31/12/2008 [Redon 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MV-1291         12/12/2007         Varadium, DIS         0.1         Exercy Lab         CO7/20756-001E         12/14/2007         Exo 0.8           Uranium, One Inc.         MV-1292         3/10/2006         Gress Alpha, DIS         0.02         Exercy Lab         CO7/20756-001E         12/14/2007         Exo 0.8           Uranium, One Inc.         MV-1292         3/10/2006         Gress Alpha, DIS         1.1         Exercy Lab         CO8030356-002A         3/11/2008         ESo 0.0           Uranium, One Inc.         MV-1292         3/10/2008         Gress Bets, DIS         4.5         Exercy Lab         CO8030356-002A         3/11/2008         ESO 0.0           Uranium, One Inc.         MV-1292         3/10/2008         Gress Bets MDC, DIS         2.5         Exercy Lab         CO8030356-002A         3/11/2008         ENO-000           Uranium One Inc.         MV-1292         3/10/2008         Radium 226, DIS         2.5         Exercy Lab         CO8030356-002A         3/11/2008         ENO-000           Uranium One Inc.         MV-1292         3/10/2008         Radium 226, DIS         2.5         Exercy Lab         CO8030356-002A         3/11/2008         ENO-300           Uranium One Inc.         MV-1292         3/10/2008         Radium 226, DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |            |                                                     |                                  |                        |
| Urankum One Inc.         IW-1291         12/12/2007 [Exo. GIS         0.02 [Earry Lab         COR00355-0024         3/11/2006 [Eooo .0           Urankum One Ne.         MW-1292         3/10/2008 [Gross Alpha DIC, DIS         1.1 [Earry Lab         COR00355-002A         3/11/2008 [Eooo .0           Urankum One Ne.         MW-1292         3/10/2008 [Gross Beta DIS         4.7 [Earry Lab         COR00355-002A         3/11/2008 [Eooo .0           Urankum One Inc.         MW-1292         3/10/2008 [Ladd 210, DIS         5.5 [Earry Lab         COR00355-002A         3/11/2008 [Eooo .0           Urankum One Inc.         MW-1292         3/10/2008 [Radd 20, DIS         2.5 [Earry Lab         COR00355-002A         3/11/2008 [Eooo .0           Urankum One Inc.         MW-1292         3/10/2008 [Radd 20, DIS         2.4 [Earry Lab         COR00355-002A         3/11/2008 [Radd 20, DIS         3.5 [Earry Lab         COR00355-002A         3/11/2008 [Eooo .0           Urankum One Inc.         MW-1292         3/10/2008 [Radd 20, DIS         2.4 [Earry Lab         COR00355-002A         3/11/2008 [Radd 20, DIS         2.6 [Eooo .0           Urankum One Inc.         MW-1292         3/10/2008 [Radd 20, DIS         2.6 [Eoor .0         3/11/2008 [Radd 20, DIS         2.6 [Eoor .0         3/11/2008 [Radd 20, DIS         2.6 [Eoor .0         3/11/2008 [Radd 20, DIS         3/11/2008 [Radd 20, DIS         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |            |                                                     |                                  |                        |
| Uganhum One hc.         MW-1292         31/0/2008 [Gross Alpha, DIS         130 [Earry Lab.         C08030356-002A         31/1/2008 [E900.0           Uranium One hc.         MW-1282         31/0/2008 [Gross Beta, DIS         43.7 [Earry Lab.         C08030356-002A         31/1/2008 [E900.0           Uranium One hc.         MW-1282         31/0/2008 [Gross Beta, DIS         43.7 [Earry Lab.         C08030356-002A         31/1/2008 [E900.0           Uranium One hc.         MW-1282         31/0/2008 [Gross Beta, DIS         2.8 [Earry Lab.         C08030356-002A         31/1/2008 [E900.0           Uranium One hc.         MW-1282         31/0/2008 [Padium 226, DIS         2.8 [Earry Lab.         C08030356-002A         31/1/2008 [E903.0           Uranium One hc.         MW-1282         31/0/2008 [Radium 228, DIS         2.8 [Earry Lab.         C08030356-002A         31/1/2008 [E903.0           Uranium One hc.         MW-1282         31/0/2008 [Radium 228, DIS         2.4 [Earry Lab.         C08030356-002A         31/1/2008 [Radio2.8 [E00.7           Uranium One hc.         MW-1282         31/0/2008 [Radium 228, DIS         0.2 [Earry Lab.         C08030356-002A         31/1/2008 [Radio2.8 [E00.7           Uranium One hc.         MW-1282         31/0/2008 [Radio3.9 [E00.7         0.1 [Earry Lab.         C08803356-002B         31/1/2008 [Radio3.8 [E00.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |            |                                                     |                                  |                        |
| Uranium One he.         MW 1922         3/10/2006         Since Discover Construction           Uranium One he.         MW 1922         3/10/2006         Gross Beta MDC, DIS         43.7           Uranium One he.         MW 1922         3/10/2006         Gross Beta MDC, DIS         2.5         Energy Lab.         C06830356-002A         3/11/2006         Esoon           Uranium One he.         MW 1922         3/10/2006         Lab.         C06830356-002A         3/11/2006         Esoon           Uranium One he.         MW 1922         3/10/2006         Radium 22.6         DIS         1.5         Energy Lab.         C06830356-002A         3/11/2006         Esoon           Uranium One he.         MW 1922         3/10/2006         Radium 22.6         DIS         2.2         Energy Lab.         C06830356-002A         3/11/2006         Esoon           Uranium One he.         MW 1922         3/10/2006         Radium 22.6         DIS         2.2         Energy Lab.         C06830356-002A         3/11/2006         Esoon         DI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Uranium One hc.         MW-1222         3/10/2008 [Gross Bela, DIS         43.7 [Energy Lab. C08003354-002A         3/11/2008 [E000.0           Uranium One hnc.         MW-1232         3/10/2008 [Gross Bela MDC, DIS         2.5 Energy Lab. C08003354-002A         3/11/2008 [E000.0           Uranium One hnc.         MW-1232         3/10/2008 [Enos Bela MDC, DIS         1.5 Energy Lab. C08003354-002A         3/11/2008 [E001.0           Uranium One hnc.         MW-1232         3/10/2008 [Radium 276. DIS         2.2 Energy Lab. C08003354-002A         3/11/2008 [E003.0           Uranium One hnc.         MW-1232         3/10/2008 [Radium 226. MDC, DIS         2.2 Energy Lab. C08003354-002A         3/11/2008 [Radium 226. MDC, DIS           Uranium One hnc.         MW-1232         3/10/2008 [Radium 228. MDC, DIS         2.4 Energy Lab. C08003354-002A         3/11/2008 [Radium 228. MDC, DIS           Uranium One hnc.         MW-1232         3/10/2008 [Radium 228. MDC, DIS         3.6 Energy Lab. C08003354-002A         3/11/2008 [Radium 208. MDR, DIS           Uranium One hnc.         MW-1232         3/10/2008 [Radium 208. MDR, DIS         4.6 Energy Lab. C08003354-002A         3/11/2008 [Radium 208. MDR, DIS           Uranium One hnc.         MW-1232         3/10/2008 [Radium 208. MDR, DIS         4.6 Energy Lab. C08003354-002A         3/11/2008 [Radium 208. MDR, DIS           Uranium One hnc.         MW-1232         3/10/2008 [Radiu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |            | 3/10/2008 Gross Alpha, DIS                          |                                  |                        |
| Uranium One Inc.         MW-1292         31/10/2006 [Eards Deta MIC, DIS         2.6 Energy Lab         C00030356-002A         31/11/2008 [E90:0           Uranium One Inc.         MW-1292         31/02/2006 [Radium 226, DIS         1.5 Energy Lab         C00030356-002A         31/11/2008 [E90:0           Uranium One Inc.         MW-1292         31/02/2006 [Radium 226, DIS         5.3 Energy Lab         C00030356-002A         31/11/2008 [E90:0           Uranium One Inc.         MW-1292         31/02/2006 [Radium 226, DIS         0.2 Energy Lab         C00030356-002A         31/11/2008 [E90:0           Uranium One Inc.         MW-1292         31/02/2006 [Radium 226, DIS         0.2 Energy Lab         C00003356-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/02/2008 [RA-01         0.15         1.3 Energy Lab         C00003356-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/02/2008 [RA-05         1.3 Energy Lab         C00003356-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/02/2008 [RA-05         1.4 Energy Lab         C00003356-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/02/2008 [RA-05         1.4 Energy Lab         C00030356-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |            |                                                     | 1.1 [Energy Lab_ C08030356-002A  |                        |
| Uranium One Inc.         MW-1292         31/10/2008 [Ladd 210, DIS         1.5 Energy Lab         C08003056-002A         31/11/2008 [EV09.0M           Uranium One Inc.         MW-1292         31/10/2008 [Radium 226, DIS         5.3 Energy Lab         C08003056-002A         31/11/2008 [EV03.0           Uranium One Inc.         MW-1292         31/10/2008 [Radium 226, DIS         0.2 Energy Lab         C08003056-002A         31/11/2008 [EV03.0           Uranium One Inc.         MW-1292         31/10/2008 [Radium 228, DIS         0.2 Energy Lab         C08003056-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/10/2008 [Radium 228, DIS         0.2 Energy Lab         C08003056-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/10/2008 [Radium 228, DIS         0.2 Energy Lab         C08003056-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/10/2008 [Radium 230, DIS         0.2 Energy Lab         C08003056-002A         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/10/2008 [Nirogen, Ammonia as N, DIS         0.01 Energy Lab         C08003056-002C         31/11/2008 [RA-05           Uranium One Inc.         MW-1292         31/10/2008 [Nirogen, Ammonia as N, DIS         0.01 Energy Lab         C08003056-002C         31/11/2008 [RA-05 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1232         31/10/2008         Pediamium 26, DIS         2.4 Energy Lab         C08030356-002A         31/11/2008         RNX-3008           Uranium One hnc.         MW-1232         31/10/2008         Radium 226, DIS         3.3 Energy Lab         C08030356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         Radium 226, DIS         2.4 Energy Lab         C08030356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         RAdium 226, DIS         1.3 Energy Lab         C08030356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         Thom 200         DIS         0.2         Energy Lab         C0803356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         Thom 200         DIS         0.2         Energy Lab         C0803356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         Mangen, Ammonia as N, DIS         0.2         Energy Lab         C0803356-002A         31/11/2008         RA-05           Uranium One hnc.         MW-1232         31/10/2008         RAros Balanee (A, B, DIS         0.01         Ene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Radium 228, DLS         5.3         Energy Lab         C08030356-002A         3/11/2008         Endsoin           Uranium One Inc.         MW-1292         3/10/2008         Radium 228, DLS         2.2         Energy Lab         C08030356-002A         3/11/2008         Endsoin           Uranium One Inc.         MW-1292         3/10/2008         Radium 228, DLS         2.4         Energy Lab         C08030356-002A         3/11/2008         FA-05           Uranium One Inc.         MW-1292         3/10/2008         Rodium 228, MDC, DIS         0.2         Energy Lab         C08030356-002A         3/11/2008         FA-05           Uranium One Inc.         MW-1292         3/10/2008         FMonganese, TOT         -0.04         Energy Lab         C08030356-002A         3/11/2008         FA-05           Uranium One Inc.         MW-1292         3/10/2008         Nitragoing, Nitrate-Nithina as N, DIS         -0.05         Energy Lab         C08030356-002C         3/11/2008         A450-NH43 G           Uranium One Inc.         MW-1292         3/10/2008         Nitragoing, Nitrate-Nithina as N, DIS         -0.05         Energy Lab         C08030356-002D         3/11/2008         A450-NH43 G           Uranium One Inc.         MW-1292         3/10/2008<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |            |                                                     |                                  | 3/11/2008 E909.0M      |
| Uranium One Inc.       MW-1292       3/10/2008       Radium 228 MDC, DIS       0.2       Energy Lab       C08030356-002A       3/11/2008       RA-05         Uranium One Inc.       MW-1292       3/10/2008       Radium 228 MDC, DIS       1.3       Energy Lab       C08030356-002A       3/11/2008       RA-05         Uranium One Inc.       MW-1292       3/10/2008       Thorium 230, DIS       0.2       Energy Lab       C08030356-002A       3/11/2008       RA-05         Uranium One Inc.       MW-1292       3/10/2008       Thorium 230, DIS       0.2       Energy Lab       C08030356-002A       3/11/2008       RA-05         Uranium One Inc.       MW-1292       3/10/2008       Minogen Ammonia as N, DIS       0.04       Energy Lab       C08030356-002A       3/11/2008       RA0-0H13 G         Uranium One Inc.       MW-1292       3/10/2008       Nitrogen Ammonia as N, DIS       -0.05       Energy Lab       C08030356-002C       3/11/2008       RA0-0H13 G         Uranium One Inc.       MW-1292       3/10/2008       Nitrogen Ammonia as N, DIS       -0.05       Energy Lab       C08030356-002C       3/11/2008       E35.32         Uranium One Inc.       MW-1292       3/10/2008       Alitonian, DIS       -1       Energy Lab       C08030356-002C       3/11/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.   |            | 3/10/2008 Polonium 210, DIS                         |                                  | 3/11/2008 RMO-3008     |
| Uranium One Inc.         IWW-1292         3/10/2008 [Radium 228 MDC, DIS         0.2 Energy Lab. (2080)3056-002A         3/11/2008 [Ro46           Uranium One Inc.         MW-1292         3/10/2008 [Radium 228 MDC, DIS         2.4 Energy Lab. (2080)3056-002A         3/11/2008 [Ro46           Uranium One Inc.         MW-1292         3/10/2008 [Ro40m 228, DIS         2.4 Energy Lab. (2080)3056-002A         3/11/2008 [Ro46           Uranium One Inc.         MW-1292         3/10/2008 [Nortium 230, DIS         0.2 Energy Lab. (2080)3056-002A         3/11/2008 [Ro47           Uranium One Inc.         MW-1292         3/10/2008 [Nortium 230, DIS         0.2 Energy Lab. (2080)3056-002B         3/11/2008 [Ro50, 7           Uranium One Inc.         MW-1292         3/10/2008 [Nitrogen, Ammonia as N, DIS         0.05 Energy Lab. (2080)3056-002C         3/11/2008 [Ro50, 7           Uranium One Inc.         MW-1292         3/10/2008 [Airogen, Ammonia as N, DIS         0.05 Energy Lab. (2080)3056-002C         3/11/2008 [Ro50, 7           Uranium One Inc.         MW-1292         3/10/2008 [Airogen Airos (£ 5), DIS         1.42 Energy Lab. (2080)3056-002C         3/11/2008 [Ro50, 7           Uranium One Inc.         MW-1292         3/10/2008 [Airos (£ 5), DIS         1.55 Energy Lab. (2080)3056-002C         3/11/2008 [Ro50, 7           Uranium One Inc.         MW-1292         3/10/2008 [Airos on Is as CO3, DIS         1.5 Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uranium One Inc.   | MW-1292    | 3/10/2008 Radium 226, DIS                           | 5.3 Energy Lab C08030356-002A    | 3/11/2008 E903.0       |
| Uranium One Inc.       MW-1282       3/10/2008 [Radium 228 MDC. DIS       2.4 Energy Lab       C08030356-002A       3/11/2008 [RA-05         Uranium One Inc.       MW-1282       3/10/2008 [Tonfum 230 DIS       0.2 Energy Lab       C08030356-002A       3/11/2008 [RA-05         Uranium One Inc.       MW-1282       3/10/2008 [Tonfum 230 DIS       0.2 Energy Lab       C08030356-002A       3/11/2008 [E007.0         Uranium One Inc.       MW-1282       3/10/2008 [Manganese, TOT       -0.04 Energy Lab       C08030356-002B       3/11/2008 [E200.7         Uranium One Inc.       MW-1282       3/10/2008 [Manganese, TOT       -0.01 Energy Lab       C08030356-002B       3/11/2008 [E200.7         Uranium One Inc.       MW-1282       3/10/2008 [Mitogen, Ammonia as N, DIS       -0.05 Energy Lab       C08030356-002B       3/11/2008 [A300-NH3 G         Uranium One Inc.       MW-1282       3/10/2008 [Actions, DIS       4.1 Energy Lab       C08030356-002C       3/11/2008 [Aston-NH3 G         Uranium One Inc.       MW-1282       3/10/2008 [Actions, DIS       5.55 Energy Lab       C08030356-002D       3/11/2008 [Aston-NH3 G         Uranium One Inc.       MW-1282       3/10/2008 [Aston-NH3 G       127       14.12       24.11/2008 [Aston-NH3 G         Uranium One Inc.       MW-1282       3/10/2008 [Aston-NH3 G       127       14.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uranium One Inc.   | MW-1292    | 3/10/2008 Radium 226 MDC, DIS                       |                                  | 3/11/2008{E903.0       |
| Uranium One Inc.         MW-1292         31/0/2008 [Radium 228 MDC, DIS         1.3 Energy Lab         C08030356-002A         31/1/2008 [R-0-5]           Uranium One Inc.         MW-1292         31/0/2008 [ron, TOT         -0.04 Energy Lab         C08030356-002B         31/1/2008 [E007.0           Uranium One Inc.         MW-1292         31/0/2008 [kron, TOT         -0.04 Energy Lab         C08030356-002B         31/1/2008 [E200.7           Uranium One Inc.         MW-1292         31/0/2008 [krogen, Nimonia as N, DIS         -0.05 Energy Lab         C08030356-002C         31/1/2008 [E200.7           Uranium One Inc.         MW-1292         31/0/2008 [krogen, Nimonia as N, DIS         -0.05 Energy Lab         C08030356-002C         31/1/2008 [E30.7           Uranium One Inc.         MW-1292         31/0/2008 [Aridona, Nimonia as N, DIS         -0.1 Energy Lab         C08030356-002C         31/1/2008 [Calculation           Uranium One Inc.         MW-1292         31/0/2008 [Aridona, DIS         5.55 Energy Lab         C08030356-002D         3/11/2008 [Calculation           Uranium One Inc.         MW-1292         31/0/2008 [Icarbonate as HCO3, DIS         1.27 Energy Lab         C08030356-002D         3/11/2008 [Aridona           Uranium One Inc.         MW-1292         31/0/2008 [Calculation         3/11/2008 [Aridona         3/11/2008 [Aridona           Uranium One Inc.<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |            |                                                     |                                  |                        |
| Uranium One Inc.       MW-1292       3/10/2008       Thorim 230. DIS       0.2 Energy Lab       C08030356-002A       3/11/2008       E907.0         Uranium One Inc.       MW-1292       3/10/2008       Iron. TOT       -0.04       Energy Lab       C08030356-002B       3/11/2008       E200.7         Uranium One Inc.       MW-1292       3/10/2008       Nitrogen, Ammonia as N, DIS       -0.05       Energy Lab       C08030356-002C       3/11/2008       E300.7         Uranium One Inc.       MW-1292       3/10/2008       Nitrogen, Nitrate+Nitrite as N, DIS       -0.05       Energy Lab       C08030356-002C       3/11/2008       E33.2         Uranium One Inc.       MW-1292       3/10/2008       A/40020       Anions, DIS       -0.1       Energy Lab       C08030356-002D       3/11/2008       E33.2         Uranium One Inc.       MW-1292       3/10/2008       Anions, DIS       1.25       1.42       Energy Lab       C08030356-002D       3/11/2008       Eaculation         Uranium One Inc.       MW-1292       3/10/2008       Alford       S.55       Energy Lab       C08030356-002D       3/11/2008       A2320 B         Uranium One Inc.       MW-1292       3/10/2008       Cationate as C03, DIS       1.5       Energy Lab       C08030356-002D       3/11/2008<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Iron, TOT         -0.04         Energy Lab         C08030356-002B         3/11/2008         E200.7           Uranium One Inc.         MW-1292         3/10/2008         Manganese, TOT         -0.01         Energy Lab         C08030356-002C         3/11/2008         E4500-NH3 G           Uranium One Inc.         MW-1292         3/10/2008         Nitrate-Nitritia as N, DIS         -0.05         Energy Lab         C08030356-002C         3/11/2008         E4500-NH3 G           Uranium One Inc.         MW-1292         3/10/2008         Nitrate+Nitritia as N, DIS         -0.01         Energy Lab         C08030356-002C         3/11/2008         East-2           Uranium One Inc.         MW-1292         3/10/2008         Airons, DIS         5.55         Energy Lab         C08030356-002D         3/11/2008         East-2           Uranium One Inc.         MW-1292         3/10/2008         Earbonate as HCO3, DIS         127         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         5.89         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Colonids,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Nitrogen         Annonia as N, DIS         -0.01         Energy Lab         C08030356-002C         3/11/2008         Action           Uranium One Inc.         MW-1292         3/10/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.05         Energy Lab         C08030356-002C         3/11/2008         Action           Uranium One Inc.         MW-1292         3/10/2008         Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08030356-002C         3/11/2008         Easts.2           Uranium One Inc.         MW-1292         3/10/2008         Arc Balance (± 5), DIS         1.42         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Bicarbonate as HCO3, DIS         1.27         Energy Lab         C08030356-002D         3/11/2008         Acazo B           Uranium One Inc.         MW-1292         3/10/2008         Calculation         1.28         Cole 3/11/2008         Acazo B           Uranium One Inc.         MW-1292         3/10/2008         Cole 3/11/2008         Calculation         1/12/208         Acazo B           Uranium One Inc.         MW-1292         3/10/2008         Coloductivit, DIS         5.24         Energy Lab </td <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008 Nitrogen, Nimate+Nimite as N, DIS         -0.05         Energy Lab         C08030356-002C         3/11/2008 [A4500-NH3 G           Uranium One Inc.         MW-1292         3/10/2008 A/C Balance (± 5), DIS         -0.1 [Energy Lab         C08030356-002C         3/11/2008 [Calculation           Uranium One Inc.         MW-1292         3/10/2008 A/C Balance (± 5), DIS         14.2 Energy Lab         C08030356-002D         3/11/2008 [Calculation           Uranium One Inc.         MW-1292         3/10/2008 Anions, DIS         5.55         Energy Lab         C08030356-002D         3/11/2008 [Calculation           Uranium One Inc.         MW-1292         3/10/2008 Carbonate as CO3, DIS         12         Energy Lab         C08030356-002D         3/11/2008 [A2320 B           Uranium One Inc.         MW-1292         3/10/2008 Carbonate as CO3, DIS         -1         Energy Lab         C08030356-002D         3/11/2008 [A4500-CI B           Uranium One Inc.         MW-1292         3/10/2008 [Calculation         5.39         Energy Lab         C08030356-002D         3/11/2008 [A4500-CI B           Uranium One Inc.         MW-1292         3/10/2008 [Conductivity, DIS         524 Energy Lab         C08030356-002D         3/11/2008 [A4500-F C           Uranium One Inc.         MW-1292         3/10/2008 [Solids, Total Dissolved Calcula                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C08030356-002C         3/11/2008         East2           Uranium One Inc.         MW-1292         3/10/2008         A/C Balance (± 5), DIS         1.42         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Bicarbonate as HCO3, DIS         1.27         Energy Lab         C08030356-002D         3/11/2008         Acaculation           Uranium One Inc.         MW-1292         3/10/2008         Earbonate as CO3, DIS         1.27         Energy Lab         C08030356-002D         3/11/2008         Acaculation           Uranium One Inc.         MW-1292         3/10/2008         Carbonate as CO3, DIS         1.27         Energy Lab         C08030356-002D         3/11/2008         Acaculation           Uranium One Inc.         MW-1292         3/10/2008         Chioride, DIS         5.39         Energy Lab         C08030356-002D         3/11/2008         Acaculation           Uranium One Inc.         MW-1292         3/10/2008         Cohicrivity, DIS         5.24         Energy Lab         C08030356-002D         3/11/2008         Acs00-F C           Uranium One Inc.         MW-1292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |            |                                                     | -0.01 Energy Lab (C06030356-0028 |                        |
| Utanium One Inc.         MW-1292         3/10/2008         A/C Balance (± 5), DIS         1.42         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Anions, DIS         5.55         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Calculation         1/1         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         1/2         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         5.89         Energy Lab         C08030356-002D         3/11/2008         A4500-CI B           Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A4500-CI B           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     | -0.05/Energy Lab (CU8030356-002C |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Anions, DIS         5.55         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Bicarbonate as HCO3, DIS         127         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Carbonate as CO3, DIS         12         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Calculation         5         Energy Lab         C08030356-002D         3/11/2008         A4500-CI B           Uranium One Inc.         MW-1292         3/10/2008         Chendred, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Floride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Sol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Bicarbonate as HCO3, DIS         127         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         -1         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         5.39         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A2510 B           Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |            |                                                     | 1.42 Energy Lab C08030356-002D   |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Carbonate as CO3, DIS         -1         Energy Lab         C08030356-002D         3/11/2008         A2320 B           Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         5.39         Energy Lab         C08030356-002D         3/11/2008         Adaculation           Uranium One Inc.         MW-1292         3/10/2008         Colonductivity, DIS         5         Energy Lab         C08030356-002D         3/11/2008         Ad500-CI B           Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         Ad510 B           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         Ad500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         Ad500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         357         Energy Lab         C08030356-002D         3/11/2008         Ad540 C         Uranium One Inc.         MW-1292         3/10/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     | 5.55 Energy Lab   C08030356-002D |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Cations, DIS         5.39         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Chloride, DIS         5         Energy Lab         C08030356-002D         3/11/2008         Ad500-CI B           Uranium One Inc.         MW-1292         3/10/2008         Choride, DIS         524         Energy Lab         C08030356-002D         3/11/2008         Ad500-F C           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         Ad500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         Ad500-H B           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         357         Energy Lab         C08030356-002D         3/11/2008         Ad500-H B           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         340         Energy Lab         C08030356-002D         3/11/2008         Ad500-SO4 E           Uranium One Inc.         MW-1292 </td <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Chioride, DIS         5         Energy Lab         C08030356-002D         3/11/2008         A4500-Cl B           Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A4500-Cl B           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Folioxide, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A4500-H B           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A2490 C           Uranium One Inc.         MW-1292         3/10/2008         Sufate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2490-SO4 E           Uranium One Inc.         MW-1292         3/10/2008 </td <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A2510 B           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Folids, Total Dissolved Calculated, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc.   | MW-1292    | 3/10/2008 Cations, DIS                              | 5.39 Energy Lab C08030356-002D   | 3/11/2008 Calculation  |
| Uranium One Inc.         MW-1292         3/10/2008         Conductivity, DIS         524         Energy Lab         C08030356-002D         3/11/2008         A2510 B           Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Folids, Total Dissolved Calculated, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc.   | MW-1292    |                                                     | 5 Energy Lab C08030356-002D      | 3/11/2008 A4500-Ci B   |
| Uranium One Inc.         MW-1292         3/10/2008         Fluoride, DIS         0.5         Energy Lab         C08030356-002D         3/11/2008         A4500-F C           Uranium One Inc.         MW-1292         3/10/2008         PH, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         A4500-H B           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         340         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A4500-SO4 E           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         Eaculation           Uranium One Inc.         MW-1292         3/10/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Uranium One Inc.   | MW-1292    | 3/10/2008 Conductivity, DIS                         | 524 Energy Lab C08030356-002D    | 3/11/2008 A2510 B      |
| Uranium One Inc.         MW-1292         3/10/2008         pH, DIS         7.88         Energy Lab         C08030356-002D         3/11/2008         A4500-H B           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         340         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A4500-SO4 E           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         A4500-SO4 E           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008 <td></td> <td></td> <td></td> <td>0.5 Energy Lab C08030356-002D</td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |            |                                                     | 0.5 Energy Lab C08030356-002D    |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved Calculated, DIS         357         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Solids, Total Dissolved TDS @ 180 C, DIS         340         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         -0.1         Energy Lab         C08030356-002D         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Arsenic, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Solids. Total Dissolved TDS @ 180 C, DIS         340         Energy Lab         C08030356-002D         3/11/2008         A2540 C           Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A4500-SO4 E           Uranium One Inc.         MW-1292         3/10/2008         TDS Batance (0.80 - 1.20), DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Asenice, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Asenice, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Asenice, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Sulfate, DIS         159         Energy Lab         C08030356-002D         3/11/2008         A4500-SO4 E           Uranium One Inc.         MW-1292         3/10/2008         TDS Batance (0.80 - 1.20), DIS         0.95         Energy Lab         C08030356-002D         3/11/2008         Calculation           Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Arsenic, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Asenium, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008 [TDS Balance (0.80 - 1.20), DIS         0.95 [Energy Lab         C08030356-002D         3/11/2008 [Calculation           Uranium One Inc.         MW-1292         3/10/2008 [Aluminum, DIS         -0.1 [Energy Lab         C08030356-002E         3/11/2008 [E200.8           Uranium One Inc.         MW-1292         3/10/2008 [Asenic, DIS         0.01 [Energy Lab         C08030356-002E         3/11/2008 [E200.8           Uranium One Inc.         MW-1292         3/10/2008 [Banum, DIS         -0.1 [Energy Lab         C08030356-002E         3/11/2008 [E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Aluminum, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Arsenic, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Banum, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |            |                                                     |                                  |                        |
| Uranium One Inc.         MW-1292         3/10/2008         Arsenic, DIS         0.01         Energy Lab         C08030356-002E         3/11/2008         E200.8           Uranium One Inc.         MW-1292         3/10/2008         Banum, DIS         -0.1         Energy Lab         C08030356-002E         3/11/2008         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |            |                                                     |                                  |                        |
| Uranium One Inc. MW-1292 3/10/2008 Banum, DIS -0.1 Energy Lab C08030356-002E 3/11/2008 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |            |                                                     |                                  | 3/11/2008 2200.8       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |            |                                                     |                                  |                        |
| Urankum One Inc.   MW-1292   3/10/2008 Boron, DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                    |            |                                                     |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Uranium One Inc.   | [MW-1292   | 3/10/2008 Boron, DIS                                | -0.1 Energy Lab C08030356-002E   | 3/11/2008JE200.7       |

| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Cadmium, DIS                               |        |             | C08030356-002E                   | 3/11/2008              |                  | <u> </u>                               |
|------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|--------|-------------|----------------------------------|------------------------|------------------|----------------------------------------|
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Calcium, DIS                               | 66     | Energy Lab  | C08030356-002E                   | 3/11/2008              | E200.7           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Chromium, DIS                              | -0.05  | Energy Lab  | C08030356-002E                   | 3/11/2008              | E200.7           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Copper, DIS                                | -0.01  | Energy 1 ab | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           |                                            |        |             | C08030356-002E                   | 3/11/2008              |                  | <u></u>                                |
|                                                                                          |                                          |                                     |                                            |        |             | C08030356-002E                   |                        |                  | <u> </u>                               |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Lead, DIS                                  |        |             |                                  | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Magnesium, DIS                             | 4      | Energy Lab  | C08030356-002E                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Manganese, DIS                             |        |             | C08030356-002E                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Mercury, DIS                               |        |             | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Molybdenum, DIS                            | -0.1   | Energy Lab  | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Nickel, DIS                                | -0.05  | Energy Lab  | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Potassium, DIS                             |        |             | C08030356-002E                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Selenium, DIS                              |        |             | C08030356-002E                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Silica, DIS                                |        |             | C08030356-002E                   | 3/11/2008              |                  | ·                                      |
|                                                                                          |                                          |                                     |                                            |        |             |                                  |                        |                  | {                                      |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Sodium, DIS                                |        |             | C08030356-002E                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Uranium, DIS                               |        |             | C08030356-002E                   | 3/11/2008              |                  | L                                      |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Vanadium, DIS                              |        |             | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Zinc, DIS                                  | 0.07   | Energy Lab  | C08030356-002E                   | 3/11/2008              | E200.8           |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  | 3/10/2008                           | Lead 210, SUS                              |        |             | C08030356-002F                   | 3/11/2008              | E909.0M          |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Polonium 210, SUS                          |        |             | C08030356-002F                   |                        | RMO-3008         |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Radium 226, SUS                            |        |             | C08030356-002F                   | 3/11/2008              |                  | Value is a negative value, not a limit |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     |                                            |        |             |                                  |                        |                  | Tvalue is a negative value, not a mint |
|                                                                                          |                                          |                                     | Radium 226 MDC, SUS                        |        |             | C08030356-002F                   | 3/11/2008              |                  | <u>}</u>                               |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Thonum 230, SUS                            | 0.4    | Energy Lab  | C08030356-002F                   | 3/11/2008              |                  |                                        |
| Uranium One Inc.                                                                         | MW-1292                                  |                                     | Uranium, SUS                               | 0,166  | Energy Lab  | C08030356-002F                   | 3/11/2008              |                  |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | A/C Balance (± 5), DIS                     | 0.686  | Energy Lab  | C07061548-003A                   | 6/29/2007              | Calculation      |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | Anions, DIS                                | 5.5    | Energy Lab  | C07061548-003A                   | 6/29/2007              | Calculation      |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  |                                     | Bicarbonate as HCO3, DIS                   |        |             | C07061548-003A                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      |                                          |                                     | Carbonate as CO3, DIS                      |        |             | C07061548-003A                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      |                                          |                                     | Cations, DIS                               |        |             | C07061548-003A                   |                        | Calculation      |                                        |
| Energy Metals Corp.                                                                      |                                          |                                     | Chloride, DIS                              |        |             | C07061548-003A                   |                        | A4500-CI B       | •                                      |
|                                                                                          |                                          |                                     |                                            |        |             |                                  |                        |                  | <u> </u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Conductivity, DIS                          |        |             | C07061548-003A                   | 6/29/2007              |                  | <u>}</u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Fluoride, DIS                              |        |             | C07061548-003A                   |                        | A4500-F C        |                                        |
| Energy Metals Corp.                                                                      |                                          | 6/28/2007                           |                                            |        |             | C07061548-003A                   |                        | A4500-H B        |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | Solids, Total Dissolved Calculated, DIS    |        |             | C07061548-003A                   |                        | Calculation      |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | Solids, Total Dissolved TDS @ 180 C, DIS   | 422    | Energy Lab  | C07061548-003A                   | 6/29/2007              | A2540 C          |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | TDS Balance (0.80 - 1.20), DIS             | 1.15   | Energy Lab  | C07061548-003A                   | 6/29/2007              | Calculation      |                                        |
| Energy Metals Corp.                                                                      |                                          | 6/28/2007                           | Nitrogen, Ammonia as N, DIS                |        |             | C07061548-003B                   |                        | A4500-NH3 G      |                                        |
| Energy Metals Corp.                                                                      |                                          |                                     | Nitrogen, Nitrate+Nitrite as N, DIS        |        |             | C07061548-003B                   | 6/29/2007              |                  |                                        |
|                                                                                          | MW-1292                                  |                                     | tron, TOT                                  |        |             | C07061548-003C                   | 6/29/2007              |                  | <u>┽┈┈┈╴╴╴╴╴╴╴╴╴╴╴</u>                 |
|                                                                                          |                                          |                                     |                                            |        |             |                                  |                        |                  | <u> </u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Manganese, TOT                             |        |             | C07061548-003C                   | 6/29/2007              |                  | <u> </u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Atuminum, DIS                              |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      |                                          | 6/28/2007                           | Arsenic, DIS                               |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      |                                          | 6/28/2007                           | Barium, DIS                                |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
|                                                                                          | MW-1292                                  | 6/28/2007                           | Boron, DIS                                 | -0.1   | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.7           |                                        |
|                                                                                          | MW-1292                                  | 6/28/2007                           | Cadmium, DIS                               | -0.005 | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.8           |                                        |
|                                                                                          | MW-1292                                  |                                     | Calcium, DIS                               | 75     | Energy Lab  | C07061548-003D                   | 6/29/2007              |                  | T                                      |
| Energy Metals Corp.                                                                      |                                          |                                     | Chromium, DIS                              | -0.05  | Energy Lab  | C07061548-003D                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      |                                          |                                     | Copper, DIS                                |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
|                                                                                          |                                          |                                     |                                            |        |             | C07061548-003D                   | 6/29/2007              |                  | <u> </u>                               |
|                                                                                          | MW-1292                                  |                                     | Iron, DIS                                  |        |             |                                  |                        |                  | <u>≁</u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Lead, DIS                                  | -0.001 | Linergy Lab | C07061548-003D                   | 6/29/2007              |                  | <u>+</u>                               |
| Energy Metals Corp.                                                                      |                                          |                                     | Magnesium, DIS                             | 4      | Energy Lab  | C07061548-003D                   | 6/29/2007              |                  | ······································ |
| Energy Metals Corp.                                                                      |                                          |                                     | Manganese, DIS                             |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
| Energy Metals Corp.                                                                      | MW-1292                                  | 6/28/2007                           | Mercury, DIS                               | -0.001 | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.8           |                                        |
|                                                                                          | MW-1292                                  | 6/28/2007                           | Molybdenum, DIS                            | -0.1   | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.8           |                                        |
|                                                                                          | MW-1292                                  |                                     | Nickel, DIS                                |        |             | C07061548-003D                   | 6/29/2007              |                  |                                        |
|                                                                                          |                                          |                                     | Potassium, DIS                             |        | Fnarm Iab   | C07061548-003D                   | 6/29/2007              |                  | <u> </u>                               |
|                                                                                          | 10111-1234                               |                                     | Selenium, DIS                              |        |             | C07061548-003D                   | 6/29/2007              |                  | +                                      |
|                                                                                          |                                          | C/20/2027                           |                                            | 0.005  |             |                                  |                        |                  | · · · · · · · · · · · · · · · · · · ·  |
| Energy Metals Corp.                                                                      | MW-1292                                  |                                     |                                            |        | 17          | 007064840 0000                   | [                      |                  |                                        |
| Energy Metals Corp.<br>Energy Metals Corp.                                               | MW-1292<br>MW-1292                       | 6/28/2007                           | Silica, DIS                                |        |             | C07061548-003D                   | 6/29/2007              |                  | <u></u>                                |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                        | MW-1292<br>MW-1292<br>MW-1292            | 6/28/2007                           | Silica, DIS<br>Sodium, DIS                 | 32     | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.7           |                                        |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp. | MW-1292<br>MW-1292<br>MW-1292<br>MW-1292 | 6/28/2007<br>6/28/2007<br>6/28/2007 | Silica, DIS<br>Sodium, DIS<br>Sulfate, DIS | 32     | Energy Lab  | C07061548-003D<br>C07061548-003D | 6/29/2007<br>6/29/2007 | E200.7<br>E200.7 |                                        |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                        | MW-1292<br>MW-1292<br>MW-1292<br>MW-1292 | 6/28/2007<br>6/28/2007<br>6/28/2007 | Silica, DIS<br>Sodium, DIS                 | 32     | Energy Lab  | C07061548-003D                   | 6/29/2007              | E200.7<br>E200.7 |                                        |

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|                     |         |           |                                          | ·       |            |                |           |             |                                                                                                                                              |
|---------------------|---------|-----------|------------------------------------------|---------|------------|----------------|-----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Energy Metals Corp. | MW-1292 | 6/28/2007 | Vanadium, DIS                            | -0.1    | Energy Lab | C07061548-003D | 6/29/2007 | E200.8      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 6/28/2007 | Zinc, DIS                                | -0.01   | Energy Lab | C07061548-003D | 6/29/2007 | E200 8      |                                                                                                                                              |
| Energy Metals Corp. |         |           | Lead 210, DIS                            |         |            | C07061548-003E |           | NERHL-65-4  | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Polonium 210, DIS                        |         |            | C07061548-003E |           | RMO-3008    | ╉╾ <sub>┯╴</sub> ┈┈╌╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴                                                                                                         |
| Energy Metals Corp. |         |           | Radium 226, DIS                          |         |            |                |           |             |                                                                                                                                              |
|                     |         |           |                                          |         |            | C07061548-003E | 6/29/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Radium 228, DIS                          |         |            | C07061548-003E | 6/29/2007 |             |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 6/28/2007 | Thonium 230, DIS                         | -0.2    | Energy Lab | C07061548-003E | 6/29/2007 | E907.0      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 6/28/2007 | Lead 210, SUS                            | -1      | Energy Lab | C07061548-003F | 6/29/2007 | NERHL-65-4  |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 6/28/2007 | Polonium 210, SUS                        |         |            | C07061548-003F |           | RMO-3008    | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Radium 226, SUS                          |         |            | C07061548-003F | 6/29/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           |                                          |         |            |                |           |             |                                                                                                                                              |
|                     |         |           | Thorium 230, SUS                         |         |            | C07061548-003F | 6/29/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Uranium, SUS                             |         |            | C07061548-003F | 6/29/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | A/C Balance (± 5), DIS                   | 0.407   | Energy Lab | C07091134-002A | 9/25/2007 | Calculation |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Anions, DIS                              | 6.26    | Energy Lab | C07091134-002A | 9/25/2007 | Calculation |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Bicarbonate as HCO3, DIS                 |         |            | C07091134-002A | 9/25/2007 |             | f=                                                                                                                                           |
| Energy Metals Corp. |         |           | Carbonate as CO3, DIS                    |         |            | C07091134-002A | 9/25/2007 |             | ······································                                                                                                       |
|                     |         |           |                                          |         |            |                |           |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Cations, DIS                             |         |            | C07091134-002A |           | Calculation |                                                                                                                                              |
| Energy Metals Corp. |         |           | Chloride, DIS                            |         |            | C07091134-002A |           | A4500-CI B  |                                                                                                                                              |
| Energy Metals Corp. |         |           | Conductivity, DIS                        | 601     | Energy Lab | C07091134-002A | 9/25/2007 | A2510 B     | }                                                                                                                                            |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Fluoride, DIS                            |         |            | C07091134-002A |           | A4500-F C   |                                                                                                                                              |
| Energy Metals Corp. |         | 9/24/2007 |                                          |         |            | C07091134-002A |           | A4500-H B   | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Solids, Total Dissolved Calculated, DIS  |         |            | C07091134-002A |           |             | ╂ <del>┍╴╴╸╍╍╸╺╴╶╴╶╴╺╴╺╴╺╴</del>                                                                                                             |
| Energy Metals Corp. |         |           |                                          |         |            |                |           | Calculation | <u> </u>                                                                                                                                     |
|                     |         |           | Solids, Total Dissolved TDS @ 180 C, DIS |         |            | C07091134-002A | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Sulfate, DIS                             |         |            | C07091134-002A |           | A4500-SO4 E |                                                                                                                                              |
| Energy Metals Corp. |         |           | TDS Batance (0.80 - 1.20), DIS           | 1.03    | Energy Lab | C07091134-002A |           | Calculation |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Nitrogen, Ammonia as N, DIS              |         |            | C07091134-002B | 9/25/2007 | A4500-NH3 G |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 |           | Nitrogen, Nitrate+Nitrite as N, DIS      |         |            | C07091134-002B | 9/25/2007 | F353.2      | f                                                                                                                                            |
| Energy Metals Corp. |         | 9/24/2007 |                                          |         |            | C07091134-002C | 9/25/2007 |             | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Manganese, TOT                           |         |            |                |           |             | <u> </u>                                                                                                                                     |
|                     |         |           |                                          |         |            | C07091134-002C | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Aluminum, DIS                            |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Arsenic, DIS                             | 0.01    | Energy Lab | C07091134-002D | 9/25/2007 | E200.8      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Barium, DIS                              | -0.1    | Energy Lab | C07091134-002D | 9/25/2007 | E200.8      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Boron, DIS                               |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Cadmium, DIS                             |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Calcium, DIS                             |         |            | C07091134-002D | 9/25/2007 |             | <u> </u>                                                                                                                                     |
|                     |         |           |                                          |         |            |                |           |             | +                                                                                                                                            |
| Energy Metals Corp. |         |           | Chromium, DIS                            |         |            | C07091134-002D | 9/25/2007 |             | ~~                                                                                                                                           |
| Energy Metals Corp. |         |           | Copper, DIS                              | -0.01   | Energy Lab | C07091134-002D | 9/25/2007 | E200.8      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Iran, DIS                                | -0.03   | Energy Lab | C07091134-002D | 9/25/2007 | E200.7      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Lead, DIS                                |         |            | C07091134-002D | 9/25/2007 |             | +                                                                                                                                            |
| Energy Metals Corp. |         |           | Magnesium, DIS                           |         |            | C07091134-002D | 9/25/2007 |             | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Manganese, DIS                           |         |            |                |           |             | +                                                                                                                                            |
|                     |         |           |                                          |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Mercury, DIS                             |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         |           | Molybdenum, DIS                          |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Nickel, DIS                              | -0.05   | Energy Lab | C07091134-002D | 9/25/2007 | E200.8      |                                                                                                                                              |
| Energy Metals Corp. |         | 9/24/2007 | Potassium, DIS                           |         |            | C07091134-002D | 9/25/2007 |             | 1                                                                                                                                            |
| Energy Metals Corp. |         |           | Selenium, DIS                            |         |            | C07091134-002D | 9/25/2007 |             | <u>+</u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Silica, DIS                              |         |            | C07091134-002D | 9/25/2007 |             | +                                                                                                                                            |
|                     |         |           |                                          |         |            |                |           |             | <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> |
| Energy Metals Corp. |         |           | Sodium, DIS                              |         |            | C07091134-002D | 9/25/2007 |             | <u>+</u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Uranium, DIS                             |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metats Corp. |         |           | Vanadium, DIS                            |         |            | C07091134-002D | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Zinc, DIS                                | 0.01    | Energy Lab | C07091134-002D | 9/25/2007 | E200.8      | · · · · · · · · · · · · · · · · · · ·                                                                                                        |
| Energy Metals Corp. |         |           | Lead 210, DIS                            |         |            | C07091134-002E | 9/25/2007 |             | t                                                                                                                                            |
| Energy Metals Corp. |         |           | Polonium 210, DIS                        |         |            | C07091134-002E |           | RMO-3008    | t                                                                                                                                            |
|                     |         |           |                                          |         |            |                |           |             | <u> </u>                                                                                                                                     |
| Energy Metals Corp. |         |           | Radium 226, DIS                          |         |            | C07091134-002E | 9/25/2007 |             | <u></u>                                                                                                                                      |
|                     | MW-1292 |           | Radium 228, DIS                          |         |            | C07091134-002E | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. |         | 9/24/2007 | Thonum 230, DIS                          | -0.2    | Energy Lab | C07091134-002E | 9/25/2007 | E907.0      |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Lead 210, SUS                            |         |            | C07091134-002F | 9/25/2007 | E909.0M     |                                                                                                                                              |
| Energy Metals Corp. |         |           | Polonium 210, SUS                        |         |            | C07091134-002F |           | RMO-3008    | +                                                                                                                                            |
| Energy Metals Corp. |         |           | Radium 226, SUS                          |         |            | C07091134-002F | 9/25/2007 |             | +                                                                                                                                            |
|                     |         |           |                                          |         |            |                |           |             | <del>{</del>                                                                                                                                 |
| Energy Metals Corp. |         |           | Thorium 230, SUS                         |         |            | C07091134-002F | 9/25/2007 |             |                                                                                                                                              |
| Energy Metals Corp. | MW-1292 | 9/24/2007 | Uranium, SUS                             | -0.0003 | Energy Lab | C07091134-002F | 9/25/2007 | E200.8      | <u>L</u>                                                                                                                                     |
|                     |         |           |                                          |         |            |                |           |             |                                                                                                                                              |

| Upsalem         UM-1220         107:0007 (Secil Biel, DS         46.2 [Jamery La, DV) (2074-0034)         197:40007 (Secil Secil Secil Secil Secil Secil Secies                                                                                                       | ·····               |         |            | <u> </u>                                 |        | 1          |                |                        |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|------------|------------------------------------------|--------|------------|----------------|------------------------|----------------------------------------|
| Upsham         One No.         MV-128         (19):12007         Reduct 28, DS         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S         S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | MW-1292 |            |                                          |        |            |                | 12/14/2007 E900.0      |                                        |
| Upsalum One Inc. MM-1292         19/12/007 Backum 28.05         2.1 [Larger La. OP/120746-020         19/12/007 [EXA-07]           Upsalum One Inc. MM-1392         19/12/007 [EXA-07]         6.0 [Inc. LA. OP/120746-020         19/12/007 [EXA-07]           Upsalum One Inc. MM-1392         19/12/007 [EXA-07]         0.0 [Inc. LA. OP/120746-020         19/12/007 [EXA-07]           Upsalum One Inc. MM-1392         19/12/007 [Morgen Ammonia Bit IA, DO         0.07 [Inc. LA. OP/120746-020         19/12/007 [EXA-07]           Upsalum One Inc. MM-1392         19/12/007 [Morgen Ammonia Bit IA, DO         0.07 [Inc. LA. OP/120746-020         19/12/007 [EXA-07]           Upsalum One Inc. MM-1392         19/12/007 [Anten, DS         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calculation]           Upsalum One Inc. MM-1392         19/12/007 [Calculation]         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calculation]           Upsalum One Inc. MM-1392         19/12/007 [Calculation]         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calculation]           Upsalum One Inc. MM-1392         19/12/007 [Calculation]         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calculation]           Upsalum One Inc. MM-1392         19/12/007 [Calculation]         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calculation]           Upsalum One Inc. MM-1392         19/12/007 [Calculation]         0.07 [Inc. LA. OP/120746-020         19/12/007 [Calcula                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |         |            |                                          | 48.2   | Energy Lab | C07120756-002A | 12/14/2007 E900.0      |                                        |
| Unabum One Ne, MMY 1929         19/130007 Backen 228, DS         2.1 [Lengry La. OP/130764028         19/14207 [BAck]           Umain One Ne, MMY 1920         19/130007 Backen 228, DS         30 [Barty La. OP/130764028         19/14207 [BAck]           Umain One Ne, MMY 1920         19/130007 Backen 238, DS         30 [Barty La. OP/130764028         19/14207 [Back]           Umain One Ne, MMY 1920         19/130007 Macgenes, TOT         0.02 [Barty La. OP/130764028         19/14207 [Back]           Umain One Ne, MMY 1920         19/130007 Macgenes, TOT         0.02 [Darty La. OP/130764028         19/14207 [Back]           Umain One Ne, MMY 1920         19/13007 Macgenes, TOT         0.02 [Darty La. OP/130764028         19/14207 [Calculated]           Umain One Ne, MMY 1920         19/13007 Macgenes, B.D. OB         4.64 [Barry La. OP/130764020         19/14007 [Calculated]           Umain One Ne, MMY 1920         19/13007 [Calculated]         0.02 [Calculated]         19/14007 [Calculated]           Umain One Ne, MMY 1920         19/13007 [Calculated]         0.02 [Calculated]         10/14007 [Calculated]           Umain One Ne, MMY 1920         19/13007 [Calculated]         0.02 [Calculated]         10/14007 [Calculated]           Umain One Ne, MMY 1920         19/13007 [Calculated]         0.02 [Calculated]         10/14007 [Calculated]         10/14007 [Calculated]           Umain One Ne, MMY 1920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.    | MW-1292 | 12/13/2007 | Radium 226, DIS                          | 5      | Energy Lab | C07120756-002A | 12/14/2007 E903.0      |                                        |
| Upsigning One Inc.         494-1282         (±7)132007 [Exc., TOT         48         Damp (Lab. Corr) (27)1540007         Direct (Lab. Corr) (27)154007         Direct (Lab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |         | 12/13/2007 | Radium 228 DIS                           |        |            |                |                        |                                        |
| Upakam One Inc.         WV-1282         (2173000 Pox.107         0.35 [heng.1.4]         (017378-0038)         (2974000) PS0.07           Upakam One Inc.         WV-1282         (2173000 Phagman To)         0.05 [heng.1.4]         (017378-0038)         (2974000) PS0.07           Upakam One Inc.         WV-1282         (2173000 Phagman To)         0.05 [heng.1.4]         (017378-0036)         (2974000) PS0.07           Upakam One Inc.         WV-1282         (2173000 Phagman To)         0.05 [heng.1.4]         (017378-0036)         (2974000) PS0.02         (297400) PS0.02<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |         |            |                                          |        |            |                |                        | · · · · · · · · · · · · · · · · · · ·  |
| Uprain One Inc.         404/1282         (2713200) Suppresent. TOT         0.02 [hmmp:Lik. 2017/0718-033         (2714200) Ex0.01           Uprain One Inc.         404/1282         (2713200) Regime. Another shafts at N. DIS         37         (Smmp:Lik. 2017/0718-033)         (2714200) Ex0.01         (Smmp:Lik. 2017/0718-033)         (2714200) Ex0.01         (Smmp:Lik. 2017/0718-033)         (Smmp:Lik. 2017/0718-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |         |            |                                          |        |            |                |                        |                                        |
| Upakam One Inc.         MM-1322         19/12/2007 Sodiam, TOT         37 [Dency Lab. C071/0754-6028         12/12/2007 [Denci And Denci                                                                                                       |                     |         |            |                                          |        |            |                |                        |                                        |
| Upanian One Inc.         UPANIA ON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |         |            |                                          |        |            |                |                        |                                        |
| Umain         One inc.         MM-1222         1/12/2007 (Astrong A, Mingle And B), DS         4.0         1 Samp Lab.         Chron 596-5002         12/14/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Astrong A), DS         4.5         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         5/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         5/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         5/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc.         MM-1282         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada         1/12/2007 (Sahada           Unatam One Inc. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |         |            |                                          |        |            |                |                        |                                        |
| Unsalam One Inc.         MM-1222         12/13/2007 (AcCuston           Unsalam One Inc.         MM-1222         12/13/2007 (Accuston         Accuston           Unsalam One Inc.         MM-1222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |         | 12/13/2007 | Nitrogen, Ammonia as N, DIS              |        |            |                |                        |                                        |
| Upanam One Br.         MM-1222         12/13/2007 (AcC Budne (S ), DIS         2.45 [Sengr Lik O'17/0776-0020         12/14/2007 (Seculation           Upanam One Br.         MM-1222         12/13/2007 (Acc Budne (S ), DIS         13         Damp Lik O'17/0776-0020         12/14/2007 (Seculation           Upanam One Br.         MM-1222         12/13/2007 (Acc Budne (S ), DIS         13         Damp Lik O'17/0776-0020         12/14/2007 (Seculation           Upanam One Br.         MM-1222         12/13/2007 (Cacc Budne (S ), DIS         52         Damp Lik O'17/0776-0020         Cacc Budne (S ), DIS           Upanam One Br.         MM-1222         12/13/2007 (Cacc Budne (S ), DIS         52         Damp Lik O'17/0776-0020         Dir/14/2007 (Act C ), DIS           Upanam One Br.         MM-1222         12/13/2007 (Cacc Budne (S ), DIS         52         Damp Lik O'17/0776-0020         Dir/14/2007 (Act C ), DIS           Upanam One Br.         MM-1222         12/13/2007 (Cacc Budne (S ), Total Disorder (C ), DIS         51         Dir/14/207 (Cacc Budne (S ), DIS         Dir/14/207 (Cacc Budne (S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.    | MW-1292 | 12/13/2007 | Nitrogen, Nitrate+Nitrite as N, DIS      | -0,1   | Energy Lab | C07120756-002C | 12/14/2007 E353.2      |                                        |
| Unsame One Ke.         MM-1282         12/13/2007 (Astocole 1)           Unamium One Ke.         MM-1282         12/13/2007 (Satocole 1)           Unamium One Ke.         MM-1282         12/13/2007 (Anone 1)         12/13/2007 (Anone 1)           Unamium One Ke.         MM-1282         12/13/2007 (Anone 1)         12/13/2007 (Anone 1)         12/13/2007 (Anone 1)           Unamium One Ke.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uranium One Inc.    | MW-1292 |            |                                          | 2.43   | Energy Lab | C07120756-002D | 12/14/2007 Calculation |                                        |
| Unanium One Isc.         MM-1282         12/13/2007 (Bischoute as LCO2, DIS         1121 [Emrgy Lab 07/1278/64020         12/14/2007 [As230 B           Unanium One Isc.         MM-1282         12/13/2007 (Bischoute as CO2, DIS         522 [Emrgy Lab 07/1278/64020         12/14/2007 [As230 B           Unanium One Isc.         MM-1282         12/13/2007 (Bischout as CO2, DIS         522 [Emrgy Lab 07/1278/64020         12/14/2007 [As230 B           Unanium One Isc.         MM-1282         12/13/2007 [Bischout as CO2, DIS         522 [Emrgy Lab 07/1278/64020         12/14/2007 [As306 F           Unanium One Isc.         MM-1282         12/13/2007 [Bischout DIS DIS         6.16 [Emrgy Lab 07/1278/64020         12/14/2007 [As306 F C           Unanium One Isc.         MM-1282         12/13/2007 [Bischout DIS DIS         6.16 [Emrgy Lab 07/1278/64020         12/14/2007 [As306 F C           Unanium One Isc.         MM-1282         12/13/2007 [Bischout DIS DIS         6.16 [Emrgy Lab 07/1078/64020         12/14/2007 [As306 C           Unanium One Isc.         MM-1282         12/13/2007 [As306 I DIS DIS DIS DIS DIS DIS DIS DIS DIS D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |         |            |                                          |        |            |                |                        |                                        |
| Urganim One Br.         MM-1282         191202007 Carbones B 203, DiS         17120077 Carbones B 203, DiS           Urganim One Br.         MM-1282         191202007 Carbones B 203, DiS         5.22 (Lung La G07120774-0020)         191240007 (Labones B)           Urganim One Br.         MM-1282         191202007 Carbones B 203, Display B 201,                                                                                                                                                                                                       |                     |         |            |                                          |        |            |                |                        | <u> </u>                               |
| Uranium One Br.,         MM-1920         121120207 (Calorida, DS         5.22 Parengr. La C07120754-0020         12142007 (Calorida, DS           Uranium One Br.,         MM-1920         12112007 (Calorida, DS         5.22 Parengr. La C07120754-0020         12142007 (Laborida, DS           Uranium One Br.,         MM-1920         12112007 (Dandrida, DS         6.01 Danaryr. La C07120754-0020         12142007 (Laborida, DS           Uranium One Br.,         MM-1282         12112007 (Dandrida, DS         6.01 Danaryr. La C07120754-0020         12142007 (Laborida, DS           Uranium One Br.,         MM-1282         12112007 (Dandrida, DS         5.05         378 Danaryr. La C07120754-0020         12142007 (Laborida, DS           Uranium One Br.,         MM-1282         12112007 (Dandrida, DS         5.05         378 Danaryr. La C07120754-0020         12142007 (Laborida)           Uranium One Br.,         MM-1282         12112007 (Danaryr. La C07120754-0020         12142007 (Laborida)         12112007 (Danaryr. La C07120754-0020         12142007 (Laborida)           Uranium One Br.,         MM-1282         12112007 (Danaryr. La C07120754-0020         12142007 (Laborida)         12142007 (Laborida)           Uranium One Br.,         MM-1282         12112007 (Danaryr. La C07120754-0020         12142007 (Laborida)         12142007 (Laborida)           Uranium One Br.,         MM-1282         12112007 (                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |         |            |                                          |        |            |                |                        |                                        |
| Ummun One Inc.         MM-1282         197120207         Chioda Dis         Sizery La         C07120756-0020         127442007         Action C B           Ummun One Inc.         MM-1282         19712007         Conductivity, DS         5422Amyr, La         C07120756-0020         127442007         Action C B           Ummun One Inc.         MM-1282         19712007         Locate Dis         6.05         Emerg La         C07120756-0020         127442007         Action La           Ummun One Inc.         MM-1282         19712007         Statis Dissolved TDS (a totta) Dis         3.65         Statis Dissolved TDS (a totta) Dissolved TDS (a                                                                                                                                                                                                                                                                                                                                                                                                    |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranim One Br.         MM-1282         127/32007 [Conductive], DIS         542 [Eurory La         COT70756-002D         197/42007 [ASSO F C           Uranim One Br.         MM-1282         127/32007 [PH, DIS         0.5 [Eurory La         COT70756-002D         127/42007 [ASSO F C           Uranim One Br.         MM-1282         127/32007 [PH, DIS         0.6 [Eurory La         COT70756-002D         127/42007 [ASSO F C           Uranim One Br.         MM-1282         127/32007 [Solar, Fabl Disolved Calculated DIS         351 [Eury La         COT70756-002D         127/42007 [ASSO F C           Uranim One Br.         MM-1282         127/32007 [Solar, Fabl Disolved TDS B         351 [Eury La         COT70776-002E         127/42007 [ASSO F C           Uranim One Br.         MM-1282         127/32007 [Animium, DIS         -0.1 [Eury La         COT70776-002E         127/42007 [E30.6           Uranim One Br.         MM-1282         127/32007 [Animium, DIS         -0.1 [Eury La         COT70776-002E         127/42007 [E30.6           Uranim One Br.         MM-1282         127/32007 [Born, DIS         -0.1 [Eury La         COT70776-002E         127/42007 [E30.6           Uranim One Br.         MM-1282         127/32007 [Born, DIS         -0.01 [Eury La         COT70776-002E         127/42007 [E30.6           Uranim One Br.         MM-1282         127/320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |         |            |                                          |        |            |                |                        |                                        |
| Ugankun One Be.         MM-1282         121/33007 [Fucide, DIS         0.5 [Eargy La C07130756-0020         121/42007 [AdSOH B           Urankun One Be.         MM-1282         121/33007 [PuLIS         6.16 [Eargy La C07130756-0020         121/42007 [AdSOH B           Urankun One Be.         MM-1282         121/33007 [Solids. Total Disolved TDS § 180 C DIS         378 [Eargy La C07130756-0020         121/42007 [AdSOH C           Urankun One Be.         MM-1282         121/33007 [Solids. Total Disolved TDS § 180 C DIS         378 [Eargy La C07130756-0020         121/42007 [AdSOH C           Urankun One Be.         MM-1282         121/33007 [Solids. Total Disolved TDS § 180 C DIS         180 [Eargy La C07130756-0020         121/42007 [AdSOH C           Urankun One Be.         MM-1282         121/33007 [Solids. Total Disolved TDS § 180 C DIS         180 [Eargy La C07130756-0026         121/42007 [E30.6           Urankun One Be.         MM-1282         121/33007 [Sonids. DIS         4.01 [Eargy La C07130756-0026         121/42007 [E30.6           Urankun One Be.         MM-1282         121/33007 [Sonids. DIS         4.01 [Eargy La C07130756-0026         121/42007 [E30.6           Urankun One Be.         MM-1282         121/33007 [Sonids. DIS         4.05 [Eargy La C07130756-0026         121/42007 [E30.8           Urankun One Be.         MM-1282         121/33007 [Sonids. DIS         4.05 [Eargy La C07130756-0026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |         |            |                                          |        |            |                |                        |                                        |
| Urgenium One Inc.         MW-1582         12712007 [pH, DIS         6.16 [Energy Lab         007120759-0020         127142007 [Adsould in adsould in ads                                                                                                               | Uranium One Inc.    | MW-1292 | 12/13/2007 | Conductivity, DIS                        | 542    | Energy Lab | C07120756-002D | 12/14/2007 A2510 B     |                                        |
| Unamium One Inc.         NMV-1822         129/32007 (Pri, DiS         6.16 Derry Lab         C07/2075-60202         129/42007 (Adso):18           Unamium One Inc.         NMV-1822         129/32007 Solds, Total Dissolved Calculated, DIS         351 Energy Lab         C07/12075-60202         129/42007 (Adso):60           Unamium One Inc.         NMV-1822         129/32007 Solds, Total Dissolved TDS (g) 180 C, DIS         1680 Energy Lab         C07/12075-60202         129/42007 (Adso):60           Unamium One Inc.         NMV-1822         129/32007 Advintion (DIS 0: DIS         1.01 Energy Lab         C07/12075-60202         129/42007 (Adso):60           Unamium One Inc.         NMV-1822         129/32007 Advintion (DIS 0: DIS         0.01 Energy Lab         C07/12075-6022         129/42007 (E20.6           Unamium One Inc.         NMV-1822         129/32007 Badum, DIS         -0.1 Energy Lab         C07/12075-6022         129/42007 (E20.6           Unamium One Inc.         NMV-1822         129/32007 Caemium, DIS         -0.1 Energy Lab         C07/12075-6022         129/42007 (E20.6           Unamium One Inc.         NMV-1822         129/32007 Caemium, DIS         -0.01 Energy Lab         C07/12075-6022         129/42007 (E20.6           Unamium One Inc.         NMV-1822         129/32007 Magnatesa, DIS         -0.01 Energy Lab         C07/12075-6022         129/42007 (E20.6 <td></td> <td>MW-1292</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | MW-1292 |            |                                          |        |            |                |                        |                                        |
| Uprahlm.One. Inc.         IMV-1292         121/32007         Solds, Total Discoved TDS § 196 C. DIS         331 [Earry Lab.         COT1/2075-60202         121/42007 (Acton-Calculation           Urankum One. Inc.         MW-1292         121/32007 (Sulfs. IOIS         130 [Earry Lab.         COT1/2075-60202         121/42007 (Acton-Sold E           Urankum One. Inc.         MW-1292         121/32007 [Sulfs. IOIS         130 [Earry Lab.         COT1/2075-60202         121/42007 [Acton-Sold E           Urankum One. Inc.         MW-1292         121/32007 [Basim, DIS         -0.1         Earry Lab.         COT1/2075-60202         121/42007 [20:0 5           Urankum One. Inc.         MW-1292         121/32007 [Basim, DIS         -0.1         Earry Lab.         COT1/2075-6022         121/42007 [20:0 5           Urankum One. Inc.         MW-1392         121/32007 [Born, DIS         -0.1         Earry Lab.         COT1/2075-6022         121/42007 [20:0 5           Urankum One. Inc.         MW-1392         121/32007 [Correntum, DIS         -0.01         Earry Lab.         COT1/2075-6022         121/42007 [20:0 8           Urankum One. Inc.         MW-1392         121/32007 [Correntum, DIS         -0.01         Earry Lab.         COT1/2075-6022         121/42007 [20:0 8         121/42007 [20:0 8           Urankum One. Inc.         MW-1392         121/32007 [Med,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc. IMV-1282 12/13/2007 Solats, Total Discolved TDS (2) 182 C. D.S.<br>Uranium One Inc. IMV-1282 12/13/2007 Solats, Dis C. D.S.<br>Uranium One Inc. IMV-1282 12/13/2007 TOS Balance (380 - 120, DIS 1.08 Energy Lab CO712075-6020 12/14/2007 Cabulation<br>Uranium One Inc. IMV-1282 12/13/2007 TOS Balance (380 - 120, DIS 0.08 C)<br>Uranium One Inc. IMV-1282 12/13/2007 Alexenic, DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Alexenic, DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Alexenic, DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.006 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.001 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Chemotum DIS 0.002 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.002 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.02 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.02 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.02 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.02 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.01 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.01 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Uranium One Inc. IMV-1282 12/13/2007 Magnesium, DIS 0.01 Energy Lab CO712075-6022 12/14/2007 E200.8<br>Ur |                     |         |            |                                          |        |            |                |                        | · · · · · · · · · · · · · · · · · · ·  |
| Urankum One Inc.         MW-1922         12/13/2007 [Suffig In DIS         1160         CO7120756-0020         12/14/2007 [Astulication]           Urankum One Inc.         MW-1922         12/13/2007 [Astulication]         12/15/2007 [Astulication]         12/14/2007 [E200.8           Urankum One Inc.         MW-1922         12/13/2007 [Astulication]         0.01         0.01         0.01         12/14/2007 [E200.8           Urankum One Inc.         MW-1222         12/13/2007 [Astulication]         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |         |            |                                          |        |            |                |                        | ····                                   |
| Urankum One Inc.         MW-1232         12/13/2007 [205 Balance (0.80 - 1.20; DIS         1.08         1.08         1.08         1.04/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Auronium, DIS         0.01 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Bardin, DIS         0.11 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Bardin, DIS         0.01 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Canomium, DIS         0.05 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Canomium, DIS         0.05 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Lab.         0.01 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Lab.         0.01 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1232         12/13/2007 [Lab.         0.01 Energy Lab.         C071/2075-602E         12/14/2007 [200.8           Urankum One Inc.         MW-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MV-1292         12/13/2007 Alennic, DIS         -0.1         Denry Lab.         OPT/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Baron, DIS         -0.008 Everry Lab.         OPT/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Baron, DIS         -0.108 Every Lab.         C071/2075-602E         12/14/2007         E200.7           Uranium One Inc.         MV-1292         12/13/2007 Cleronium, DIS         -0.005 Every Lab.         C071/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Cleronium, DIS         -0.015 Every Lab.         C071/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Cleronium, DIS         -0.013 Every Lab.         C071/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Iten, DIS         -0.013 Every Lab.         C071/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Iten, DIS         -0.012 Every Lab.         C071/2075-602E         12/14/2007         E200.8           Uranium One Inc.         MV-1292         12/13/2007 Iten, DIS         -0.012 Every                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1282         12/13/2007 (Aspanic, DIS         0.08 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Barlum, DIS         -0.1 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Commum, DIS         -0.01 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Commum, DIS         -0.06 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Commum, DIS         -0.01 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Leng LBS         -0.001 [Lensry Lab. (2071/27/64-002E         12/14/2207 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Manganes, DIS         -0.01 [Lensry Lab. (2071/27/64-002E         12/14/2007 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Manganes, DIS         -0.01 [Lensry Lab. (2071/27/64-002E         12/14/2007 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Manganes, DIS         -0.01 [Lensry Lab. (2071/27/64-002E         12/14/2007 [E200.8           Uranium One Inc.         MW-1282         12/13/2007 [Manganes, DIS         -0.01 [Lensry Lab. (2071/27/64-002E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |         |            |                                          |        |            |                | 12/14/2007 Calculation |                                        |
| Uranium One inc.         MW-1282         12/13/2007 Rarkum, DIS         0.008 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 Barkum, DIS         -0.1 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Econ, DIS         -0.05 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Conomium, DIS         -0.05 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Conomium, DIS         -0.05 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Magnanes, DIS         -0.001 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Magnanes, DIS         -0.001 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Magnanes, DIS         -0.01 Energy Lab.         C071/20756-002E         12/14/2007 [E200.8           Uranium One inc.         MW-1282         12/13/2007 [Magnanes, DIS         -0.01 Energy Lab.         C071/20756-002E         12/14/2007 [E200.7           Uranium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.    | MW-1292 | 12/13/2007 | Aluminum, DIS                            | -0.1   | Energy Lab | C07120756-002E | 12/14/2007 E200.8      |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Berlin, DIS         -0.1         Energy Lab.         C071/2078-002E         12/14/2007         Econo           Uranium One hc.         MW-1292         12/13/2007         Economy         DIS         -0.1         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium One hc.         MW-1292         12/13/2007         Economy         -0.05         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium One hc.         MW-1292         12/13/2007         Long Lab.         -0.01         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium One hc.         MW-1292         12/13/2007         Magnages, DIS         -0.01         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium One hc.         MW-1292         12/13/2007         Magnages, DIS         -0.02         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium One hc.         MW-1292         12/13/2007         Magnages, DIS         -0.02         Energy Lab.         C071/2078-002E         12/14/2007         Econo         -           Uranium On                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uranium One Inc.    | MW-1292 | 12/13/2007 | Arsenic, DIS                             |        |            |                | 12/14/2007 E200 8      |                                        |
| Uranium One Inc.         MW-1292         12/13/2007 Edormium, DIS         -0.1 [Energy Lab.         C07/10756-002E         12/14/2007 [200, T           Uranium One Ne.         MW-1292         12/13/2007 Commum, DIS         -0.05 [Energy Lab.         C07/10756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Copen, DIS         -0.01 [Energy Lab.         C07/10756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Von, DIS         -0.01 [Energy Lab.         C07/10756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Magnesium, DIS         -0.01 [Energy Lab.         C07/20756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Magnesium, DIS         -0.01 [Energy Lab.         C07/20756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Magnesium, DIS         -0.01 [Energy Lab.         C07/20756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Magnesium, DIS         -0.1 [Energy Lab.         C07/20756-002E         12/14/2007 [200, B           Uranium One Ne.         MW-1292         12/13/2007 [Magnesium, DIS         -0.1 [Energy Lab.         C07/20756-002E         12/14/2007 [200, B           Uranium One Ne.<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1282         12132007         Cadmium, DIS         -0.005         Energy Lab.         COT120756-002E         12142007         Econol.           Uranium One Inc.         MW-1282         12132007         Computin, DIS         -0.01         Energy Lab.         COT120756-002E         12142007         Econol.           Uranium One Inc.         MW-1282         12132007         Econol.         120142007         Econol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One hn.         MW-1232         12/13/2007         Copper, DIS         -0.05         Energy Lab. C071/2075-8002E         12/14/2007         Ecoper, State         C071/2075-8002E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |         |            |                                          |        |            |                |                        |                                        |
| Udmium One Inc.         MW-1292         12/13/2007         Copper, DIS         -0.01         Energy Lab. COP120758-002E         12/14/2007         E200.8           Umaium One Inc.         MW-1292         12/13/2007         Land, DIS         -0.001         Energy Lab. COP120758-002E         12/14/2007         E200.7           Unanium One Inc.         MW-1292         12/13/2007         Managements, DIS         4         Energy Lab. COP120758-002E         12/14/2007         E200.7           Unanium One Inc.         MW-1292         12/13/2007         Managements, DIS         -0.01         Energy Lab. COP120758-002E         12/14/2007         E200.8           Unanium One Inc.         MW-1292         12/13/2007         Mohdmum DIS         -0.01         Energy Lab. COP120758-002E         12/14/2007         E200.8           Unanium One Inc.         MW-1292         12/13/2007         Notestaisum, DIS         -0.01         Energy Lab. COP120758-002E         12/14/2007         E200.8           Unanium One Inc.         MW-1282         12/13/2007         Notestaisum, DIS         -0.03         Energy Lab. COP120758-002E         12/14/2007         E200.8         E0/12/14/2007         E200.8         E0/12/14/2007         E200.8         E0/12/14/2007         E200.8         E0/12/14/2007         E200.8         E0/12/14/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1282         12/13/2007         Ison         -0.03         Earry Lab         COP1/20756-002E         12/14/2007         Eaon           Uranium One Inc.         MW-1282         12/13/2007         Magnessan, DIS         -0.031         Earry Lab         COP1/20756-002E         12/14/2007         Exon           Uranium One Inc.         MW-1282         12/13/2007         Magnessa, DIS         0.021         Earry Lab         COP1/20756-002E         12/14/2007         Exon           Uranium One Inc.         MW-1282         12/13/2007         Machaenan, DIS         -0.01         Earry Lab         COP1/20756-002E         12/14/2007         Exon           Uranium One Inc.         MW-1282         12/13/2007         Machaenan, DIS         -0.05         Earry Lab         COP1/20756-002E         12/14/2007         Exon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |         |            |                                          |        |            |                |                        | [                                      |
| Utanium One Inc.         MW-1292         12/13/2007         Lead         COP1 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Manganese, DIS         0.02 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Medyases, DIS         0.02 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Medyases, DIS         0.01 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Pobasium, DIS         0.016 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Pobasium, DIS         0.003 Earry: Lab         COP1 20756-002E         12/14/2007 E200.7           Utanium One Inc.         MW-1292         12/13/2007         Sitica, DIS         0.164 Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007         Sitica, DIS         0.003         Earry: Lab         COP1 20756-002E         12/14/2007 E200.8           Utanium One Inc.         MW-1292         12/13/2007 Viardum, DIS         0.016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |         |            |                                          |        |            |                |                        |                                        |
| Utanium One Inc.         IWV-1292         12/13/2007 [Magness, DS         4 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Umaium One Inc.         MWV-1292         12/13/2007 [Marguny, DIS         -0.001 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Umaium One Inc.         MWV-1292         12/13/2007 [Mickel, DIS         -0.001 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1292         12/13/2007 [Mickel, DIS         -0.051 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Patasium, DIS         -0.051 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Sater, DIS         0.025 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Sater, DIS         0.0148 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Vanadum, DIS         0.164 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Vanadum, DIS         0.164 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One In                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.    | MW-1292 | 12/13/2007 | fron, DIS                                | -0.03  | Energy Lab | C07120756-002E | 12/14/2007 E200.7      |                                        |
| Utanium One Inc.         IWV-1292         12/13/2007 [Magness, DS         4 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Umaium One Inc.         MWV-1292         12/13/2007 [Marguny, DIS         -0.001 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Umaium One Inc.         MWV-1292         12/13/2007 [Mickel, DIS         -0.001 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1292         12/13/2007 [Mickel, DIS         -0.051 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Patasium, DIS         -0.051 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Sater, DIS         0.025 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Sater, DIS         0.0148 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Vanadum, DIS         0.164 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One Inc.         MWV-1282         12/13/2007 [Vanadum, DIS         0.164 Energy Lab         COT 120758-002E         12/14/2007 [E20, 8           Unanium One In                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uranium One Inc.    | MW-1292 | 12/13/2007 | Lead, DIS                                | -0.001 | Energy Lab | C07120756-002E | 12/14/2007 E200.8      |                                        |
| Uranium One Inc.         MW-1292         12/13/2007 Manganese, DIS         0.02 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Metode, DIS         -0.01 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Netode, DIS         -0.05 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Netode, DIS         -0.05 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Selenium, DIS         -0.05 Exercy Lab         C07120756-002E         12/14/2007 E200.7           Uranium One Inc.         MW-1292         12/13/2007 Januar, DIS         0.003 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Januar, DIS         0.164 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Januar, DIS         0.176 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292         12/13/2007 Januar, DIS         0.176 Exercy Lab         C07120756-002E         12/14/2007 E200.8           Uranium One Inc.         MW-1292                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007 Mercury, DIS         -0.001 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 Mickel, DIS         -0.15 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 Mickel, DIS         -0.05 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 Plassium, DIS         0.032 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 Sitea, DIS         0.032 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 Vinadium, DIS         0.164 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 [Vinadium, DIS         0.164 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 [Zina, DIS         0.016 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 [Zinadium, DIS         0.164 Energy Lab. C071/20756-002E         12/14/2007 [220.8           Uranium One Inc.         MW-1292         12/13/2007 [Zinadium, DIS         0.164 Energy Lab. C071/20756-002E         12/14/2007 [220.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |         |            |                                          |        |            |                |                        | <u> </u>                               |
| Ularitum One Inc.         MW-1292         12/13/2007 Mokydenum, DIS         -0.1 Energy Lab         C07120756-002E         12/14/2007 [E200.8           Uranitum One Inc.         MW-1292         12/13/2007 Mickel, DIS         -0.05 Energy Lab         C07120756-002E         12/14/2007 [E200.7           Uranitum One Inc.         MW-1292         12/13/2007 Mickel, DIS         0.003         Energy Lab         C07120756-002E         12/14/2007 [E200.7           Uranitum One Inc.         MW-1292         12/13/2007 Silica, DIS         0.013         Energy Lab         C07120756-002E         12/14/2007 [E200.8           Uranitum One Inc.         MW-1292         12/13/2007 Vanadium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007 [E200.8           Uranitum One Inc.         MW-1292         12/13/2007 Vanadium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007 [E200.8           Uranitum One Inc.         MW-1292         12/13/2007 Vanadium, DIS         0.17         Energy Lab         C07120756-002E         12/14/2007 [E200.8           Uranitum One Inc.         MW-1292         12/13/2007 Vanadium, DIS         0.07         Energy Lab         C07161494-002A         6/28/2007 [A230.8           Uranitum One Inc.         MW-1298         6/27/2007 A Calcabatas as HCO3, DIS         107         Energy Lab </td <td></td> <td></td> <td>12/13/2007</td> <td>Manyandse, Dis</td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |         | 12/13/2007 | Manyandse, Dis                           |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007 [Nicke], DS         -0.05 Energy Lab         C07120756-002E         12/14/2007 [E20.8           Uranium One Inc.         MW-1292         12/13/2007 [Seleralum, DIS         0.003 Energy Lab         C07120758-002E         12/14/2007 [E20.7           Uranium One Inc.         MW-1292         12/13/2007 [Seleralum, DIS         0.003 Energy Lab         C07120758-002E         12/14/2007 [E20.8           Uranium One Inc.         MW-1292         12/13/2007 [Viranium, DIS         0.164 Energy Lab         C07120758-002E         12/14/2007 [E20.8           Uranium One Inc.         MW-1292         12/13/2007 [Viranium, DIS         0.164 Energy Lab         C07120758-002E         12/14/2007 [E20.8           Uranium One Inc.         MW-1292         12/13/2007 [Viranium, DIS         0.014 Energy Lab         C07120758-002E         12/14/2007 [E20.8           Uranium One Inc.         MW-1298         62/27/2007 [Arc Balance (± 5), DIS         0.07 Energy Lab         C07061494-002A         6/28/2007 [Calculation           Energy Metais Corp.         MW-1298         62/27/2007 [Arcanate as CO3, DIS         107 Energy Lab         C07061494-002A         6/28/2007 [Calculation           Energy Metais Corp.         MW-1298         62/27/2007 [Calculation, DIS         5.2 Energy Lab         C07061494-002A         6/28/2007 [Ad22007 [Ad22007] [Ad2200 [Ad22007] [Ad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |         | 12/13/2007 | Intercury, DIS                           |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Potassium. DIS         4 Energy Lab         C07120756-002E         12/14/2007         E200.7           Uranium One Inc.         MW-1292         12/13/2007         Silica, DIS         0.003         Energy Lab         C07120756-002E         12/14/2007         E200.7           Uranium One Inc.         MW-1292         12/13/2007         Uranium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Vandium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Vandium, DIS         0.07         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1298         6/27/2007         Aic Balanca (± 5), DIS         0.07         Energy Lab         C07161494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Balanca (± 5), DIS         5.28         Energy Lab         C07061494-002A         6/28/2007         A2320 B         Energy Lab         C07061494-002A         6/28/2007         Calculation         Energy Metals Corp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Steinnum, DIS         0.003         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Steinnum, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Vanadium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Zina datum, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1298         6/27/2007         Zina datum         Steinnum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Size, DIS         17.5         Energy Lab         C07120756-002E         12/14/2007         Exo.7           Uranium One Inc.         MW-1292         12/13/2007         Uranium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         Exo.7           Uranium One Inc.         MW-1292         12/13/2007         Vanatum, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         Exo.8           Uranium One Inc.         MW-1292         12/13/2007         AVC         Balance (± 5), DIS         0.07         Energy Lab         C07120756-002E         12/14/2007         Ezo.8           Energy Metals Corp.         MW-1298         6/27/2007         Anions, DIS         5.69         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Calcons, DIS         1         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 C         Energy Metals Corp.         MW-1298 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Energy Lab</td><td>C07120756-002E</td><td></td><td></td></t<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |         |            |                                          |        | Energy Lab | C07120756-002E |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Size, DIS         17.5         Energy Lab         C07120756-002E         12/14/2007         Exo.7           Uranium One Inc.         MW-1292         12/13/2007         Uranium, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         Exo.7           Uranium One Inc.         MW-1292         12/13/2007         Vanatum, DIS         0.164         Energy Lab         C07120756-002E         12/14/2007         Exo.8           Uranium One Inc.         MW-1292         12/13/2007         AVC         Balance (± 5), DIS         0.07         Energy Lab         C07120756-002E         12/14/2007         Ezo.8           Energy Metals Corp.         MW-1298         6/27/2007         Anions, DIS         5.69         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Calcons, DIS         1         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 B         Energy Lab         C07061494-002A         6/28/2007         Asi20 C         Energy Metals Corp.         MW-1298 <t< td=""><td>Uranium One Inc.</td><td>MW-1292</td><td>12/13/2007</td><td>Selenium, DIS</td><td>0.003</td><td>Energy Lab</td><td>C07120756-002E</td><td>12/14/2007 E200.8</td><td></td></t<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc.    | MW-1292 | 12/13/2007 | Selenium, DIS                            | 0.003  | Energy Lab | C07120756-002E | 12/14/2007 E200.8      |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Uranium, DIS         0.164         Energy Lab         C07120758-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Zina adum, DIS         -0.1         Energy Lab         C07120756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Zina adum, DIS         -0.1         Energy Lab         C07120756-002E         12/14/2007         E200.8           Energy Metals Corp.         MW-1298         6/27/2007         AlvC Balance (± 5), DIS         0.07         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Exorbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Canductivity, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A230 B           Energy Metals Corp.         MW-1298         6/27/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Uranium One Inc.    | MW-1292 | 12/13/2007 | Silica, DIS                              | 17.5   | Energy Lab | C07120756-002E | 12/14/2007 E200.7      |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Vanadium, DIS         -0.1         Energy Lab         C07/20756-002E         12/14/2007         E200.8           Uranium One Inc.         MW-1292         12/13/2007         Zinc, DIS         0.07         Energy Lab         C07/120756-002E         12/14/2007         E200.8           Energy Metals Corp.         MW-1298         6/27/2007         Alc Baince (± 5), DIS         4.49         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Rainonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         11         Energy Lab         C07061494-002A         6/28/2007         Adsourd         6/28/2007         Adsourd         E/2007         Carbonate as CO3, DIS         12         Energy Lab         C07061494-002A         6/28/2007         Adsourd         E/2007         E/2007         Calculation         E/2007         E/2007         Calculation         E/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |         |            |                                          |        |            |                |                        |                                        |
| Uranium One Inc.         MW-1292         12/13/2007         Zinc, DIS         0.07         Energy Lab         C07120756-002E         12/14/2007         E200.8           Energy Metals Corp.         MW-1298         6/27/2007         A/C Balance (± 5), DIS         4.49         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Bicarbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Bicarbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         12         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A3500-CI B           Energy Metals Corp.         MW-1298         6/27/2007         Condictivity, DIS         5.74         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         A/C Balance (± 5), DIS         4.49         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Airons, DIS         5.69         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         12         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A2300 B           Energy Metals Corp.         MW-1298         6/27/2007         Canductivity, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A4500-I B           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         767         Energy Lab         C07061494-002A         6/28/2007         A4500-I B           Energy Metals Corp.         MW-1298         6/27/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |         |            |                                          |        |            |                |                        | <u>┥</u>                               |
| Energy Metals Corp.         MW-1298         6/27/2007         Anions, DIS         5.69         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Bicarbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Cationate as CO3, DIS         -1         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         A4500-CI B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07061494-002A         6/28/2007         A4500-CI B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Bicarbonate as HCO3, DIS         107         Energy Lab         C07061494-002A         6/28/2007         A3320 B           Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         -1         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         Adsou-cil B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07061494-002A         6/28/2007         Adsou-cil B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07061494-002A         6/28/2007         Adsou-cil B           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         Adsou-cl B           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Adsou-H B           Energy Metals Corp.         MW-1298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |         |            |                                          |        |            |                |                        | <u> </u>                               |
| Energy Metals Corp.         MW-1298         6/27/2007         Carbonate as CO3, DIS         -1         Energy Lab         C07061494-002A         6/28/2007         A2320 B           Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07061494-002A         6/28/2007         Calcutation           Energy Metals Corp.         MW-1298         6/27/2007         Chinde, DIS         8         Energy Lab         C07061494-002A         6/28/2007         A4500-CI B           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         7.67         Energy Lab         C07061494-002A         6/28/2007         A4500-H B           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         A4500-H B           Energy Metals Corp.         MW-1298         6/27/2007 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Canductivity, DIS         8         Energy Lab         C07051494-002A         6/28/2007         A4500-C1 B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07051494-002A         6/28/2007         A4500-C1 B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         0.4         Energy Lab         C07051494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         ph, DIS         7.67         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         ph, DIS         7.67         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Cations, DIS         5.2         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Canductivity, DIS         8         Energy Lab         C07051494-002A         6/28/2007         A4500-C1 B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07051494-002A         6/28/2007         A4500-C1 B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         0.4         Energy Lab         C07051494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         ph, DIS         7.67         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         ph, DIS         7.67         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Energy Metals Corp. | MW-1298 | 6/27/2007  | Carbonate as CO3, DIS                    |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Chioride, DIS         8         Energy Lab         C07061494-002A         6/28/2007         A4500-CI B           Energy Metals Corp.         MW-1298         6/27/2007         Conductivity, DIS         574         Energy Lab         C07061494-002A         6/28/2007         A4500-FC           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-FC           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-FC           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved TDS @ 180 C, DIS         362         Energy Lab         C07061494-002A         6/28/2007         A2540 C         Energy Metals Corp.         MW-129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |         |            |                                          |        |            |                |                        | 1                                      |
| Energy Metals Corp.         MW-1298         6/27/2007         Conductivity. DIS         574         Energy Lab         C07061494-002A         6/28/2007         A2510 B           Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         A4500-F         C           Energy Metals Corp.         MW-1298         6/27/2007         Sulfate, DIS         177         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         Sulfate, DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E         E <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>······································</td></tr<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |         |            |                                          |        |            |                |                        | ······································ |
| Energy Metals Corp.         MW-1298         6/27/2007         Fluoride, DIS         0.4         Energy Lab         C07051494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         pht, DIS         7.67         Energy Lab         C07051494-002A         6/28/2007         A4500-F C           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved TDS @ 180 C, DIS         362         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation      <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |         |            |                                          |        |            |                |                        | <u> </u>                               |
| Energy Metals Corp.         MW-1298         6/27/2007         ph, DIS         7.67         Energy Lab         C07061494-002A         6/28/2007         A4500-H B           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved Calculated, DIS         363         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved TDS @ 180 C, DIS         362         Energy Lab         C07061494-002A         6/28/2007         A4500-H B           Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved TDS @ 180 C, DIS         382         Energy Lab         C07061494-002A         6/28/2007         A4500-H B           Energy Metals Corp.         MW-1298         6/27/2007         Sulfate, DIS         177         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         E353.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |         |            |                                          |        |            |                |                        | <u> </u>                               |
| Energy Metals Corp.         MW-1298         6/27/2007         Solids. Total Dissolved Calculated, DIS         363         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids. Total Dissolved TDS @ 180 C, DIS         382         Energy Lab         C07051494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Solids. Total Dissolved TDS @ 180 C, DIS         382         Energy Lab         C07061494-002A         6/28/2007         A2540 C           Energy Metals Corp.         MW-1298         6/27/2007         Solids. Total Dissolved TDS @ 180 C, DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.16         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.16         Energy Lab         C07061494-002C         6/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Solids, Total Dissolved TDS @ 180 C, DIS         382         Energy Lab         C07061494-002A         6/28/2007         A2540 C           Energy Metals Corp.         MW-1298         6/27/2007         Suifate, DIS         177         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitre as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrate+Nitre as N, DIS         -0.03         Energy Lab         C07061494-002C         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrate+Nitre as N, DIS         -0.03         Energy Lab         C07061494-002C         6/28/2007         E353.2           Ener                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Suifate, DIS         177         Energy Lab         C07061494-002A         6/28/2007         A4500-SO4 E           Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrate+Nitrite as N, DIS         -0.01         Energy Lab         C07061494-002C         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrate+Nitrite as N, DIS         -0.01         Energy Lab         C07061494-002C         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrate+Nitrite as N, DIS         -0.01         Energy Lab         C07061494-002C         6/28/2007         E200.7           Energy Metals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |         |            |                                          |        |            |                |                        | <u></u>                                |
| Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.15         Energy Lab         C07061494-002B         6/28/2007         E4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.15         Energy Lab         C07061494-002B         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Inon. TOT         -0.03         Energy Lab         C07061494-002C         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Manganese, TOT         -0.01         Energy Lab         C07061494-002C         6/28/2007         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |         | 6/27/2007  | Solids, Total Dissolved TDS @ 180 C, DIS |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         TDS Balance (0.80 - 1.20), DIS         1.05         Energy Lab         C07061494-002A         6/28/2007         Calculation           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1 Energy Lab         C07061494-002B         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.01 Energy Lab         C07061494-002B         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.01 Energy Lab         C07061494-002C         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Non         TOT         -0.03         Energy Lab         C07061494-002C         6/28/2007         E33.2           Energy Metals Corp.         MW-1298         6/27/2007         Manganese, TOT         -0.01         Energy Lab         C07061494-002C         6/28/2007         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Energy Metals Corp. | MW-1298 | 6/27/2007  | Sulfate, DIS                             | 177    | Energy Lab | C07061494-002A | 6/28/2007 A4500-SO4 E  |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Ammonia as N, DIS         -0.05         Energy Lab         C07061494-002B         6/28/2007         A4500-NH3 G           Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1 Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Non         TOT         -0.03         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Non         TOT         -0.03         Energy Lab         C07061494-002C         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Manganese, TOT         -0.01         Energy Lab         C07061494-002C         6/28/2007         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Iron, TOT         -0.03         Energy Lab         C07061494-002B         6/28/2007         E353.2           Energy Metals Corp.         MW-1298         6/27/2007         Iron, TOT         -0.03         Energy Lab         C07061494-002C         6/28/2007         E200.7           Energy Metals Corp.         MW-1298         6/27/2007         Manganese, TOT         -0.01         Energy Lab         C07061494-002C         6/28/2007         E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp.         MW-1298         6/27/2007 Iron, TOT         -0.03 Energy Lab         C07051494-002C         6/28/2007 E200.7           Energy Metals Corp.         MW-1298         6/27/2007 Manganese, TOT         -0.01 Energy Lab         C07061494-002C         6/28/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp. MW-1298 6/27/2007 Manganese, TOT -0.01 Energy Lab C07061494-002C 6/28/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |         |            |                                          |        |            |                |                        |                                        |
| Energy Metals Corp. MW-1298 6/27/2007 Manganese, TOT -0.01 Energy Lab C07061494-002C 6/28/2007 [E200,7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |         |            |                                          |        |            |                |                        | {                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |         | 6/27/2007  | Manganese, TOT                           |        |            |                |                        | <u></u>                                |
| Energy Metals Corp. MW-1298 6/27/2007 Aluminum, DIS -0.1 Energy Lab C07061494-002D 6/28/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Energy Metals Corp. | MW-1298 | 6/27/2007  | Aluminum, DIS                            | -0.1   | Energy Lab | C07061494-002D | 6/28/2007 E200.8       |                                        |

| 15                                                                                                                                     | In the same                                                    |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Arsenic, DIS                                                                                                                                                                    |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Banum, DIS                                                                                                                                                                      |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Boron, DIS                                                                                                                                                                      | -0.1                                      | Energy Lab                                                                       | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.7                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Cadmium, DIS                                                                                                                                                                    | -0.005                                    | Energy Lab                                                                       | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        |                                                                            | Calcium, DIS                                                                                                                                                                    |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        |                                                                            | Chromium, DIS                                                                                                                                                                   |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                | 6/27/2007                                                                  | Copper, DIS                                                                                                                                                                     |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  | ······································                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                        |                                                                | 6/27/2007                                                                  |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                        | MW-1298                                                        | 6/27/2007                                                                  |                                                                                                                                                                                 |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                | 6/27/2007                                                                  |                                                                                                                                                                                 |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        |                                                                            | Magnesium, DIS                                                                                                                                                                  |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        | 6/27/2007                                                                  | Manganese, DIS                                                                                                                                                                  | -0.01                                     | Energy Lab                                                                       | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Mercury, DIS                                                                                                                                                                    | -0.001                                    | Energy Lab                                                                       | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Molybdenum, DIS                                                                                                                                                                 | -0.1                                      | Energy Lab                                                                       | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Nickel, DIS                                                                                                                                                                     |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        |                                                                            | Potassium, DIS                                                                                                                                                                  |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Selenium, DIS                                                                                                                                                                   |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Silica, DIS                                                                                                                                                                     |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        |                                                                            | Sodium, DIS                                                                                                                                                                     |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Uranium, DIS                                                                                                                                                                    |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        | MW-1298                                                        |                                                                            | Vanadium, DIS                                                                                                                                                                   |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Zinc, DIS                                                                                                                                                                       |                                           |                                                                                  | C07061494-002D                                                                                           | 6/28/2007                                                                  | E200.8                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Lead 210, DIS                                                                                                                                                                   |                                           |                                                                                  | C07061494-002E                                                                                           |                                                                            | NERHL-65-4                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Polonium 210, DIS                                                                                                                                                               |                                           |                                                                                  | C07061494-002E                                                                                           |                                                                            | RMO-3008                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        |                                                                | 6/07/2007                                                                  | Radium 226, DIS                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  | C07061494-002E                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        |                                                                            | Radium 228, DIS                                                                                                                                                                 | -1                                        | Energy Lab                                                                       | C07061494-002E                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Thonum 230, DIS                                                                                                                                                                 |                                           |                                                                                  | C07061494-002E                                                                                           | 6/28/2007                                                                  | E907.0                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Lead 210, SUS                                                                                                                                                                   | -1                                        | Energy Lab                                                                       | C07061494-002F                                                                                           | 6/28/2007                                                                  | NERHL-65-4                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Polonium 210, SUS                                                                                                                                                               | 1.4                                       | Energy Lab                                                                       | C07061494-002F                                                                                           | 6/28/2007                                                                  | RMO-3008                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 6/27/2007                                                                  | Radium 226, SUS                                                                                                                                                                 |                                           |                                                                                  | C07061494-002F                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        |                                                                            | Thonium 230, SUS                                                                                                                                                                |                                           |                                                                                  | C07061494-002F                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    |                                                                |                                                                            | Uranium, SUS                                                                                                                                                                    |                                           |                                                                                  | C07061494-002F                                                                                           | 6/28/2007                                                                  |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Lifergy incluid Corp.                                                                                                                  | MITT-12.50                                                     | 012112001                                                                  |                                                                                                                                                                                 |                                           | Linergy Lau                                                                      | 0010014340021                                                                                            | 0/20/2007                                                                  | 1200.0                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| · · · · · ·                                                                                                                            |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | A/C Balance (± 5), DIS                                                                                                                                                          | 0.659                                     | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | Calculation                                                                      | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  | Í I                                                                                                      |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Anions, DIS                                                                                                                                                                     | 16                                        | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | Calculation                                                                      | unconfirmed, mix-up of tabels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Bicarbonate as HCO3, DIS                                                                                                                                                        | 119                                       | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | A2320 B                                                                          | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        | F                                                              |                                                                            |                                                                                                                                                                                 |                                           | Later Cy Late                                                                    | 001001000 0021                                                                                           |                                                                            | 12020 0                                                                          | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MM 1202                                                        | 0/24/2007                                                                  | Carbonate as CO3, DIS                                                                                                                                                           |                                           | F                                                                                | C07091050-002A                                                                                           | 9/22/2007                                                                  | 4 2000 D                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Colp.                                                                                                                    | WIVY=1250                                                      | 3/2 1/200/                                                                 | Carbonale as COS, DIS                                                                                                                                                           |                                           | Lnergy Lab                                                                       | C07091030-002A                                                                                           | 9/22/2007                                                                  | A2320 B                                                                          | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Cations, DIS                                                                                                                                                                    | <u> </u>                                  | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | Calculation                                                                      | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        | 1                                                              |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  | (                                                                                                        | 8                                                                          | }                                                                                | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Chloride, DIS                                                                                                                                                                   | · 10                                      | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | A4500-CI B                                                                       | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Conductivity, DIS                                                                                                                                                               | 1420                                      | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | A2510 B                                                                          | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           | Linci K, Lab                                                                     | 00.001000 0021                                                                                           |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Enormy Materia Ca-                                                                                                                     |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            | (                                                                                | unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                        | MM/-1208                                                       | 0/21/2007                                                                  | Elucida DIS                                                                                                                                                                     | 0.0                                       | Enorm Leb                                                                        | 07004050-0024                                                                                            | 0/22/2007                                                                  | A 4500 E C                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | Fluoride, DIS                                                                                                                                                                   | .0.2                                      | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | A4500-F C                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                        |                                                                |                                                                            |                                                                                                                                                                                 |                                           |                                                                                  |                                                                                                          |                                                                            |                                                                                  | Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy Metals Corp.<br>Energy Metals Corp.                                                                                             |                                                                | 9/21/2007<br>9/21/2007                                                     |                                                                                                                                                                                 |                                           |                                                                                  | C07091050-002A<br>C07091050-002A                                                                         |                                                                            | A4500-F C<br>A4500-H B                                                           | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | рН, DIS                                                                                                                                                                         | 7.61                                      | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | А4500-Н В                                                                        | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                        | MW-1298                                                        | 9/21/2007                                                                  |                                                                                                                                                                                 | 7.61                                      | Energy Lab                                                                       |                                                                                                          | 9/22/2007                                                                  |                                                                                  | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Energy Metals Corp.                                                                                                                    | MW-1298                                                        | 9/21/2007                                                                  | рН, DIS                                                                                                                                                                         | 7.61                                      | Energy Lab                                                                       | C07091050-002A                                                                                           | 9/22/2007                                                                  | А4500-Н В                                                                        | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Energy Metals Corp.<br>Energy Metals Corp.                                                                                             | MW-1298<br>MW-1298                                             | 9/21/2007<br>9/21/2007                                                     | рН, DIS                                                                                                                                                                         | 7.61                                      | Energy Lab<br>Energy Lab                                                         | C07091050-002A                                                                                           | 9/22/2007                                                                  | A4500-H B<br>Calculation                                                         | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Energy Metals Corp.                                                                                                                    | MW-1298<br>MW-1298                                             | 9/21/2007<br>9/21/2007                                                     | pH, DIS<br>Solids, Total Dissolved Calculated, DIS                                                                                                                              | 7.61                                      | Energy Lab<br>Energy Lab                                                         | C07091050-002A<br>C07091050-002A                                                                         | 9/22/2007<br>9/22/2007                                                     | A4500-H B<br>Calculation                                                         | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                                                                                                                |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                                                                      | MW-1298<br>MW-1298<br>MW-1298                                  | 9/21/2007<br>9/21/2007<br>9/21/2007                                        | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS                                                                                  | 7.61<br>1060<br>1060                      | Energy Lab<br>Energy Lab<br>Energy Lab                                           | C07091050-002A<br>C07091050-002A<br>C07091050-002A                                                       | 9/22/2007<br>9/22/2007<br>9/22/2007                                        | A4500-H B<br>Calculation<br>A2540 C                                              | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                                                                                                              |
| Energy Metals Corp.<br>Energy Metals Corp.                                                                                             | MW-1298<br>MW-1298                                             | 9/21/2007<br>9/21/2007<br>9/21/2007                                        | pH, DIS<br>Solids, Total Dissolved Calculated, DIS                                                                                                                              | 7.61<br>1060<br>1060                      | Energy Lab<br>Energy Lab<br>Energy Lab                                           | C07091050-002A<br>C07091050-002A                                                                         | 9/22/2007<br>9/22/2007<br>9/22/2007                                        | A4500-H B<br>Calculation                                                         | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                                                                                                             |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                                               | MW-1298<br>MW-1298<br>MW-1298<br>MW-1298                       | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007                           | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS<br>Sulfate, DIS                                                                  | 7.61<br>1060<br>1060<br>658               | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab                             | C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A                                     | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007                           | A4500-H B<br>Calculation<br>A2540 C<br>A4500-SO4 E                               | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but                                                                                                                                                                                                                                                                           |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                                               | MW-1298<br>MW-1298<br>MW-1298                                  | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007                           | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS                                                                                  | 7.61<br>1060<br>1060<br>658               | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab                             | C07091050-002A<br>C07091050-002A<br>C07091050-002A                                                       | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007                           | A4500-H B<br>Calculation<br>A2540 C                                              | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                                                                                                          |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                        | MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298            | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007              | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS<br>Sulfate, DIS<br>TDS Balance (0.80 - 1.20), DIS                                | 7.61<br>1060<br>1060<br>658<br>1          | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab               | C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A                   | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007              | A4500-H B<br>Calculation<br>A2540 C<br>A4500-SO4 E<br>Calculation                | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                       |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                                               | MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298            | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007              | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS<br>Sulfate, DIS                                                                  | 7.61<br>1060<br>1060<br>658<br>1          | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab               | C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A                                     | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007              | A4500-H B<br>Calculation<br>A2540 C<br>A4500-SO4 E                               | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                       |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp. | MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298 | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007 | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS<br>Sulfate, DIS<br>TDS Balance (0.80 - 1.20), DIS<br>Nitrogen, Ammonia as N, DIS | 7.61<br>1060<br>1060<br>658<br>1<br>-0.05 | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab | C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002B | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007 | A4500-H B<br>Calculation<br>A2540 C<br>A4500-SO4 E<br>Calculation<br>A4500-NH3 G | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>Sample may be for MW-1299 due to possible, but<br>Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.<br>Energy Metals Corp.                        | MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298<br>MW-1298 | 9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007<br>9/21/2007 | pH, DIS<br>Solids, Total Dissolved Calculated, DIS<br>Solids, Total Dissolved TDS @ 180 C, DIS<br>Sulfate, DIS<br>TDS Balance (0.80 - 1.20), DIS                                | 7.61<br>1060<br>1060<br>658<br>1<br>-0.05 | Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab<br>Energy Lab | C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A<br>C07091050-002A                   | 9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007<br>9/22/2007              | A4500-H B<br>Calculation<br>A2540 C<br>A4500-SO4 E<br>Calculation<br>A4500-NH3 G | Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels<br>Sample may be for MW-1299 due to possible, but<br>unconfirmed, mix-up of labels                                                                                                                                                       |

|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
|-----------------------|-----------------------------------------|-----------------|-------------------|--------|-------------|----------------|-----------|----------|------------------------------------------------|
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Iron, TOT         | 0.03   | Energy Lab  | C07091050-002C | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Manganese, TOT    |        | Energy Lab  | C07091050-002C | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       | · • • • • • • • • • • • • • • • • • • • |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Aluminum, DIS     | -0.1   | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Arsenic, DIS      | 0.005  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Barium, DIS       | 0,1    | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Boron, DIS        | -0.1   | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
| []                    |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Cadmium, DIS      | -0.005 | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Calcium, DIS      | 240    | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Chromium, DIS     | -0.05  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Copper, DIS       | -0.01  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of tabels                  |
| {                     |                                         |                 | (                 |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Iron, DIS         | -0.03  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Lead, DIS         |        | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Magnesium, DIS    | 24     | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
| j 1                   |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Manganese, DIS    | -0.01  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
| 1                     |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Mercury, DIS      |        | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Molybdenum, DIS   |        | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of tabels                  |
|                       | ·                                       |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Nickel, DIS       | -0.05  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        | •           |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Potassium, DIS    | 5      | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           | 1        | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Selenium, DIS     | 0.021  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Silica, DIS       | 19.5   | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Sodium, DIS       | 40     | Energy Lab  | C07091050-002D | 9/22/2007 | E200.7   | unconfirmed, mix-up of labels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Uranium, DIS      | 0.431  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
|                       |                                         | - 10 - 10 - 0.0 |                   | • .    | ·           |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Vanadium, DIS     | 0.1    | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of tabels                  |
|                       |                                         |                 |                   |        |             |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MVV-1298                                | 9/21/2007       | Zinc, DIS         | -0.01  | Energy Lab  | C07091050-002D | 9/22/2007 | E200.8   | unconfirmed, mix-up of labels                  |
| -                     |                                         |                 |                   |        | l           |                |           |          | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MVV-1298                                | 9/21/2007       | Lead 210, DIS     |        | Energy Lab  | C07091050-002E | 9/22/2007 | Eanarow  | unconfirmed, mix-up of labels                  |
| Frances Materia Corre | 1011 4000                               | 0004 0000       | Delesium 210 DIS  | -      | L           | C07004050 0005 |           | DUO 2000 | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MVV-1298                                | 9/21/2007       | Polonium 210, DIS | -1     | Linergy Lab | C07091050-002E | 9/22/2007 | RMO-3008 | unconfirmed, mix-up of labels                  |
|                       | 104/ 4208                               | 0/04/0007       | Podium and Dis    |        |             | 007004050 0005 | 00000000  | 5007 A   | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MW-1298                                 | 9/21/2007       | Radium 226, DIS   | 1,6    | Energy Lab_ | C07091050-002E | 9/22/2007 | E903.0   | unconfirmed, mix-up of labels                  |
| Course Materia Cours  | 1000                                    | 0/04/0007       | Dedium 200 Dic    |        |             | 007004050 0025 | 0.000000  | TA OF    | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MIVV-1290                               | 9/21/2007       | Radium 228, DIS   | 6.4    | Energy Lab  | C07091050-002E | 9/22/2007 | KA-05    | unconfirmed, mix-up of labels                  |
| Enormy Motols Com     | MM 4009                                 | 0/04/0007       | Thorium 220 DIS   | ~ ~    | F           | 007004050 0005 | 0.0000007 | 5007.0   | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp.   | MIVY-1290                               | 9/21/2007       | Thorium 230, DIS  | -0.2   | Energy Lab  | C07091050-002E | 9/22/2007 | Earl.0   | unconfirmed, mix-up of labels                  |
| Energy Metals Corp.   | MM 1209                                 | 0/24/2007       | Land 210 SUS      |        |             | 007004050 0005 | 0/00/00   | 5000.004 | Sample may be for MW-1299 due to possible, but |
| Energy metals corp.   | MIYY-1290                               | 9/21/2007       | Lead 210, SUS     |        | Energy Lab  | C07091050-002F | 9/22/2007 | 1¢ana.nw | unconfirmed, mix-up of labels                  |

|                     |               |            |                                          | ·       |            |                |            |             |                                                |
|---------------------|---------------|------------|------------------------------------------|---------|------------|----------------|------------|-------------|------------------------------------------------|
|                     |               |            |                                          |         |            |                |            |             | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp. | MW-1298       | 9/21/2007  | Polonium 210, SUS                        | 3.5     | Energy Lab | C07091050-002F | 9/22/2007  | RMO-3008    | unconfirmed, mix-up of labels                  |
|                     |               |            |                                          |         |            |                |            |             | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp. | MW-1298       | 9/21/2007  | Radium 226, SUS                          | -0.2    | Energy Lab | C07091050-002F | 9/22/2007  | E903.0      | unconfirmed, mix-up of labels                  |
|                     |               |            |                                          |         |            |                |            |             | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp. | MW-1298       | 9/21/2007  | Thorium 230, SUS                         | -0.2    | Energy Lab | C07091050-002F | 9/22/2007  | E907.0      | unconfirmed, mix-up of labels                  |
|                     |               |            |                                          |         |            |                | 1          |             | Sample may be for MW-1299 due to possible, but |
| Energy Metals Corp. | MW-1298       | 9/21/2007  | Uranium, SUS                             | -0.0003 | Energy Lab | C07091050-002F | 9/22/2007  | E200 8      | unconfirmed, mix-up of labels                  |
| Uranium One Inc.    | MW-1298       |            | Gross Alpha, DIS                         |         |            | C07120756-005A | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Gross Beta, DIS                          |         |            | C07120756-005A | 12/14/2007 |             | <u> </u>                                       |
| Uranium One Inc.    | MW-1298       |            | Radium 226, DIS                          |         |            | C07120756-005A | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Radium 228, DIS                          |         |            | C07120756-005A | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 |                                          |         |            | C07120756-005B | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Manganese, TOT                           |         |            | C07120756-005B | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Nitrogen, Ammonia as N, DIS              | -0.05   | Energy Lab | C07120756-005C |            | A4500-NH3 G |                                                |
| Uranium One Inc.    | MW-1298       |            | Nitrogen, Nitrate+Nitrite as N, DIS      |         |            | C07120756-005C | 12/14/2007 |             | +                                              |
| Uranium One Inc.    | MW-1298       |            | A/C Balance (± 5), DIS                   |         |            | C07120756-005D |            | Calculation | ·                                              |
|                     | MW-1298       |            | Anions, DIS                              |         |            | C07120756-005D |            | Calculation |                                                |
| Uranium One Inc.    | MW-1298       |            |                                          |         |            |                |            |             | <u> </u>                                       |
| Uranium One Inc.    |               |            | Bicarbonate as HCO3, DIS                 | 106     | Lnergy Lab | C07120756-005D | 12/14/2007 |             | <u>↓</u>                                       |
| Uranium One Inc.    | MW-1298       |            | Carbonate as CO3, DIS                    |         |            | C07120756-005D | 12/14/2007 |             |                                                |
|                     | MW-1298       |            | Cations, DIS                             |         |            | C07120756-005D |            | Calculation | +                                              |
| Uranium One Inc.    | MW-1298       |            | Chloride, DIS                            |         |            | C07120756-005D |            | A4500-CI B  |                                                |
| Uranium One Inc.    | MW-1298       |            | Conductivity, DIS                        |         |            | C07120756-005D | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 | Fluoride, DIS                            | 0.3     | Energy Lab | C07120756-005D |            | A4500-F C   |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 |                                          |         |            | C07120756-005D |            | A4500-H B   |                                                |
| Uranium One Inc.    | MW-1298       |            | Solids, Total Dissolved Calculated, DIS  |         |            | C07120756-005D |            | Calculation |                                                |
| Uranium One Inc.    | MW-1298       |            | Solids, Total Dissolved TDS @ 180 C, DIS |         |            | C07120756-005D | 12/14/2007 | A2540 C     |                                                |
| Uranium One Inc.    | MW-1298       |            | Sulfate, DIS                             | 182     | Energy Lab | C07120756-005D | 12/14/2007 | A4500-SO4 E |                                                |
| Uranium One Inc.    | MW-1298       |            | TDS Batance (0.80 - 1.20), DIS           |         |            | C07120756-005D |            | Calculation |                                                |
| Uranium One Inc.    | MW-1298       |            | Aluminum, DIS                            |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Arsenic, DIS                             |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Barium, DIS                              |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Boron, DIS                               |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Cadmium, DIS                             |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Calcium, DIS                             |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Chromium, DIS                            |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Copper, DIS                              |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 |                                          | -0.03   | Energy Lab | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Lead, DIS                                |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Magnesium, DIS                           |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Manganese, DIS                           | 0.01    | Energy Lab | C07120756-005E | 12/14/2007 |             | <u></u>                                        |
| Uranium One Inc.    | MW-1298       | 12/13/2007 | Mercury, DIS                             |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 | Motybdenum, DIS                          |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Nickel, DIS                              |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Potassium, DIS                           |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Selenium, DIS                            |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Silica, DIS                              |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Sodium, DIS                              |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Uranium, DIS                             |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       |            | Vanadium, DIS                            |         |            | C07120756-005E | 12/14/2007 |             |                                                |
| Uranium One Inc.    | MW-1298       | 12/13/2007 |                                          |         |            | C07120756-005E | 12/14/2007 |             |                                                |
|                     | MW-1299       |            | A/C Balance (± 5), DIS                   | 4,19    | Energy Lab | C07061494-001A |            | Calculation |                                                |
|                     | MW-1299       |            | Anions, DIS                              | 16      | Energy Lab | C07061494-001A |            | Calculation |                                                |
|                     | MW-1299       | 6/27/2007  | Bicarbonate as HCO3, DIS                 |         |            | C07061494-001A |            | A2320 B     |                                                |
| Energy Metals Corp. | MW-1299       |            | Carbonate as CO3, DIS                    |         |            | C07061494-001A | 6/28/2007  |             |                                                |
| Energy Metals Corp. | MW-1299       |            | Cations, DIS                             | 14.7    | Energy Lab | C07061494-001A |            | Calculation |                                                |
| Energy Metals Corp. | MW-1299       |            | Chloride, DIS                            | 11      | Energy Lab | C07061494-001A |            | A4500-CI B  |                                                |
|                     | MW-1299       | 6/27/2007  | Conductivity, DIS                        | 1380    | Energy Lab | C07061494-001A |            | A2510 B     |                                                |
| Energy Metals Corp. | MW-1299       |            | Fluoride, DIS                            |         |            | C07061494-001A | 6/28/2007  | A4500-F C   |                                                |
| Energy Metals Corp. | MW-1299       | 6/27/2007  |                                          |         |            | C07061494-001A |            | A4500-H B   |                                                |
| Energy Metals Corp. |               |            | Solids, Total Dissolved Calculated, DIS  |         |            | C07061494-001A |            | Calculation |                                                |
|                     | يصحي متتنعنصه |            |                                          |         | <u> </u>   |                |            |             |                                                |

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|---------------------------------------|---------------|------------|------------------------------------------|---------------|---------------|-----------------------------------------|--------------|-------------|------------------------------------------------|
| Energy Metals Corp.                   |               |            | Solids, Total Dissolved TDS @ 180 C, DIS |               |               | C07061494-001A                          | 6/28/2007    |             |                                                |
|                                       | MW-1299       |            | Sulfate, DIS                             |               |               | C07061494-001A                          |              | A4500-SO4 E |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  | TDS Balance (0.80 - 1.20), DIS           | 1.05          | Energy Lab    | C07061494-001A                          | 6/28/2007    | Calculation |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Nitrogen, Ammonia as N, DIS              | -0.05         | Energy Lab    | C07061494-001B                          | 6/28/2007    | A4500-NH3 G |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Nitrogen, Nitrate+Nitrite as N, DIS      | 0.2           | Energy Lab    | C07061494-001B                          | 6/28/2007    | E353 2      |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  |                                          |               |               | C07061494-001C                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Manganese, TOT                           |               |               | C07061494-001C                          | 6/28/2007    |             | ·}                                             |
| Energy Metals Corp.                   |               |            | Aluminum, DIS                            |               |               | C07061494-001C                          |              |             |                                                |
|                                       |               |            |                                          |               |               |                                         | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Arsenic, DIS                             |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Barium, DIS                              |               |               | C07061494-001D                          | 6/28/2007    | E200.8      |                                                |
| Energy Metals Corp.                   |               |            | Boron, DIS                               | -0.1          | Energy Lab    | C07061494-001D                          | 6/28/2007    | E200.7      |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Cadmium, DIS                             | -0.005        | Energy Lab    | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Calcium, DIS                             | 229           | Energy Lab    | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Chromium, DIS                            |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Copper, DIS                              |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  |                                          |               |               |                                         |              |             | <u></u>                                        |
|                                       |               |            |                                          |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  |                                          |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Magnesium, DIS                           |               |               | C07061494-001D                          | 6/28/2007    |             | 1                                              |
| Energy Metals Corp.                   |               |            | Manganese, DIS                           | -0.01         | Energy Lab    | C07061494-001D                          | 6/28/2007    | E200.8      | 1                                              |
| Energy Metals Corp.                   |               | 6/27/2007  | Mercury, DIS                             | -0.001        | Energy Lab    | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  | Molybdenum, DIS                          |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  | Nickel, DIS                              |               |               | C07061494-001D                          | 6/28/2007    |             | +                                              |
| Energy Metals Corp.                   |               |            | Potassium, DIS                           |               |               | C07061494-001D                          | 6/28/2007    |             | · {                                            |
| Energy Metals Corp.                   |               |            | Selenium, DIS                            |               |               |                                         |              |             | <u> </u>                                       |
|                                       |               |            |                                          |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Silica, DIS                              |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Sodium, DIS                              |               |               | C07061494-001D                          | 6/28/2007    |             | 1                                              |
| Energy Metals Corp.                   |               |            | Uranium, DIS                             | 0.418         | Energy Lab    | C07061494-001D                          | 6/28/2007    | E200.8      |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Vanadium, DIS                            | -0.1          | Energy Lab    | C07061494-001D                          | 6/28/2007    | E200.8      |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Zinc, DIS                                |               |               | C07061494-001D                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Lead 210, DIS                            |               |               | C07061494-001E                          |              | NERHL-65-4  | +··                                            |
| Energy Metals Corp.                   |               |            | Polonium 210, DIS                        |               |               | C07061494-001E                          |              | RMO-3008    |                                                |
|                                       |               |            |                                          |               |               |                                         |              |             | <u> </u>                                       |
| Energy Metals Corp.                   |               |            | Radium 226, DIS                          |               |               | C07061494-001E                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Radium 228, DIS                          |               |               | C07061494-001E                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Thorium 230, DIS                         |               |               | C07061494-001E                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               | 6/27/2007  | Lead 210, SUS                            | -1            | Energy Lab    | C07061494-001F                          | 6/28/2007    | NERHL-65-4  |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Polonium 210, SUS                        | 2.1           | Energy Lab    | C07061494-001F                          | 6/28/2007    | RMO-3008    |                                                |
| Energy Metals Corp.                   | MW-1299       | 6/27/2007  | Radium 226, SUS                          |               |               | C07061494-001F                          | 6/28/2007    |             |                                                |
| Energy Metals Corp.                   |               |            | Thorium 230, SUS                         |               |               | C07061494-001F                          | 6/28/2007    |             | +                                              |
| Energy Metals Corp.                   |               |            | Uranium, SUS                             |               |               | C07061494-001F                          | 6/28/2007    |             | +                                              |
| Litergy metals corp.                  | 10.00-1233    | - 02112001 |                                          |               | Luciky Lab    | C07081494-001P                          | 0/20/2007    | 6200.0      |                                                |
| En annu Mantala Cara                  | 1000          | 0/04/0007  |                                          | }             |               | Co                                      |              |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | A/C Balance (± 5). DIS                   | 0.7           | Energy Lab    | C07091050-001A                          | 9/22/2007    | Calcutation | unconfirmed, mix-up of labels                  |
|                                       | [             |            |                                          |               |               |                                         |              |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Anions, DIS                              | 5.77          | Energy Lab    | C07091050-001A                          | 9/22/2007    | Calculation | unconfirmed, mix-up of labels                  |
|                                       | T             |            |                                          |               | <u> </u>      |                                         |              |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Bicarbonate as HCO3, DIS                 | 108           | Energy Lab    | C07091050-001A                          | 9/22/2007    | A2320 B     | unconfirmed, mix-up of labels                  |
|                                       |               |            |                                          | , <u>,,,,</u> |               |                                         | 1            | 1           | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Carbonate as CO3, DIS                    | _4            | Energy Lab    | C07091050-001A                          | 9/22/2007    | A2320 B     | unconfirmed, mix-up of labels                  |
| Energy mound corp.                    | 1             |            |                                          |               | Later gy Lato | 001091000-0010                          | 3/22/2007    | 12320 D     | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | 1000 1000     | 0/24/2007  | Cations, DIS                             |               |               | 007004050 0040                          | 0.000000     | Caladian    |                                                |
| Energy metals corp.                   | 111111-1533   | 9/21/2007  | Cabons, DIS                              | 5.69          | Energy Lab    | C07091050-001A                          | 9/22/2007    | Calculation | unconfirmed, mix-up of labels                  |
|                                       |               | 1          |                                          | ļ             | L             |                                         |              | 1           | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Chloride, DIS                            | 8             | Energy Lab    | C07091050-001A                          | 9/22/2007    | A4500-CI B  | unconfirmed, mix-up of labels                  |
|                                       |               | 1          |                                          |               | 1             | ]                                       |              |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Conductivity, DIS                        | 551           | Energy Lab    | C07091050-001A                          | 9/22/2007    | A2510 B     | unconfirmed, mix-up of labels                  |
| · · · · · · · · · · · · · · · · · · · |               |            |                                          |               |               |                                         | 1            |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Fluoride, DIS                            | 0.2           | Fnergy I ab   | C07091050-001A                          | 9/22/2007    | A4500-F C   | unconfirmed, mix-up of labels                  |
|                                       | 1             |            |                                          | 0.0           | CINCIPY LAD   | 1001001000001A                          |              | <u></u>     | Sample may be for MW-1298 due to possible, but |
| Enormy Materia Com                    | 11111 4 200   | 0/04/0000  |                                          |               | L             | 007004070 0044                          | 0.000000     |             |                                                |
| Energy Metals Corp.                   | INT VY-1299   | 9/21/2007  | Ipn, UIS                                 | 7.92          | Energy Lab    | C07091050-001A                          | 9/22/2007    | A4500-H B   | unconfirmed, mix-up of labels                  |
| L                                     | l             |            |                                          | ſ             | 1             | 1                                       | 1            |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Solids, Total Dissolved Calculated, DIS  | 377           | Energy Lab    | C07091050-001A                          | 9/22/2007    | Calculation | unconfirmed, mix-up of labels                  |
|                                       |               |            |                                          |               |               |                                         |              |             | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp.                   | MW-1299       | 9/21/2007  | Solids, Total Dissolved TDS @ 180 C, DIS | 356           | Energy Lab    | C07091050-001A                          | 9/22/2007    | A2540 C     | unconfirmed, mix-up of labels                  |
|                                       |               |            |                                          |               | ·             |                                         | فتقليه ومسجد |             |                                                |

|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
|-----------------------|------------|--------------|-------------------------------------|--------|--------------|-----------------|---------------|-------------|---------------------------------------------------------------------------------|
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Sulfate, DIS                        | 180    | Energy Lab   | C07091050-001A  | 9/22/2007     | A4500-SO4 E | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              | •               |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | TDS Balance (0.80 - 1.20), DIS      | 0.94   | Energy Lab   | C07091050-001A  | 9/22/2007     | Calculation | unconfirmed, mix-up of tabels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Nitrogen, Ammonia as N, DIS         | -0.05  | Energy Lab   | C07091050-001B  | 9/22/2007     | A4500-NH3 G | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Nitrogen, Nitrate+Nitrite as N, DIS | -0.1   | Energy Lab   | C07091050-001B  | 9/22/2007     | E353.2      | unconfirmed, mix-up of labels                                                   |
| Franklink Com         |            | 0.000        |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MVV-1299   | 9/21/2007    | Iron, 101                           | -0.03  | Energy Lab   | C07091050-001C  | 9/22/2007     | E200.7      | unconfirmed, mix-up of labels                                                   |
| Energy Metals Corp.   | MW-1299    | 0/01/0007    | Manganese, TOT                      | 0.04   | Energy Lab   | C07091050-001C  | 9/22/2007     | F 2000 7    | Sample may be for MW-1298 due to possible, but<br>unconfirmed, mix-up of labels |
| Energy metals Corp.   | WIVE-1235  | - 5/2 1/2007 | Manganese, 101                      | -0.01  | Energy Lab   | C07091030-001C  | 9/22/2007     | E200.7      | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Aluminum, DIS                       | -0.1   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.9      | unconfirmed, mix-up of labels                                                   |
| Linergy mount corp.   |            |              |                                     |        | Linergy Lato | 00/03/030-00/10 | 312212001     |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Arsenic, DIS                        | 0.009  | Fnerov Lab   | C07091050-001D  | 9/22/2007     | E200 8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Barium, DIS                         | -0.1   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Boron, DIS                          | -0.1   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.7      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Cadmium, DIS                        | -0.005 | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Calcium, DIS                        | 69     | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.7      | unconfirmed, mix-up of labels                                                   |
|                       |            | [            |                                     |        | 1            |                 |               | •           | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Chromium, DIS                       | -0.05  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              | · · · · · ·                         |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Copper, DIS                         | -0.01  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       | 1011 4000  | 0.004.0007   | DIO                                 |        | L            | 007004050 0040  | 6 ka 10 a a 3 |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MVV-1299   | 9/21/2007    |                                     | -0.03  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.7      | unconfirmed, mix-up of labels                                                   |
| Energy Metals Corp.   | MAK 1200   | 9/21/2007    | Load DIS                            | 0.000  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200 0      | Sample may be for MW-1298 due to possible, but<br>unconfirmed, mix-up of labels |
| Chergy metals Colp.   | 14144-1233 | 3/2//2007    |                                     | 0.005  | Energy Lab   | C07091030-001D  | 5/22/2001     | E200.6      | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Magnesium, DIS                      | 4      | Energy Lab   | C07091050-001D  | 9/22/2007     | E200 7      | unconfirmed, mix-up of labels                                                   |
| Linergy metallo corp. |            | 012 112001   | magneoism, Dio                      |        | Linergy Lato | 001001000-0010  | 3/22/2001     | L200.7      | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Manganese, DIS                      | -0.01  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Mercury, DIS                        | -0.001 | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Molybdenum, DIS                     | -0.1   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Nickel, DIS                         | -0.05  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            | 0.004.00007  |                                     |        |              |                 | 0.000000      |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MVV-1299   | 9/21/2007    | Potassium, DIS                      | 3      | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.7      | unconfirmed, mix-up of labels                                                   |
| Energy Metals Corp.   | 104 1200   | 0/24/2007    | Selenium, DIS                       | 0.004  |              | C07091050-001D  | 9/22/2007     | Emo         | Sample may be for MW-1298 due to possible, but<br>unconfirmed, mix-up of labels |
| Ellergy Metals Corp.  | 14144-1233 | 3/21/2001    |                                     | -0.001 | Energy Lao   | C01091030-001D  | 9/22/2007     | E200.8      | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Silica, DIS                         | 17 2   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200 7      | unconfirmed, mix-up of labels                                                   |
| Linergy metals corp.  | 1111-1233  | 5/21/2007    |                                     |        | Litergy Lab  | 001031030-0012  | 3/2/22001     |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Sodium, DIS                         | 41     | Fnergy Lah   | C07091050-001D  | 9/22/2007     | E200 7      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Uranium, DIS                        | 0.0553 | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        | 1            |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Vanadium, DIS                       | -0.1   | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        |              |                 |               | · ·         | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Zinc, DIS                           | -0.01  | Energy Lab   | C07091050-001D  | 9/22/2007     | E200.8      | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        | }            |                 |               | •           | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Lead 210, DIS                       |        | Energy Lab   | C07091050-001E  | 9/22/2007     | E909.0M     | unconfirmed, mix-up of labels                                                   |
|                       |            |              |                                     |        | 1            |                 |               |             | Sample may be for MW-1298 due to possible, but                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Polonium 210, DIS                   |        | Energy Lab   | C07091050-001E  | 9/22/2007     | RMO-3008    | [uncontirmed, mix-up of labels                                                  |
| Energy Metals Corp.   | MW-1299    | 9/21/2007    | Połonium 210, DIS                   | 1      | Energy Lab   | C07091050-001E  | 9/22/2007     | RMO-3008    | unconfirmed, mix-up of tabels                                                   |

|                     |         |            |                                          |        | }          |                                  |            |                                       | Sample may be for MW-1298 due to possible, but |
|---------------------|---------|------------|------------------------------------------|--------|------------|----------------------------------|------------|---------------------------------------|------------------------------------------------|
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Radium 226, DIS                          | 2.2    | Energy Lab | C07091050-001E                   | 9/22/2007  | E903.0                                | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        | ł i        |                                  | 1          | ł                                     | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Radium 228, DIS                          | 5.2    | Energy Lab | C07091050-001E                   | 9/22/2007  | RA-05                                 | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        |            |                                  |            |                                       | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Thorium 230, DIS                         | -0.2   | Energy Lab | C07091050-001E                   | 9/22/2007  | E907.0                                | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        |            |                                  |            |                                       | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Lead 210, SUS                            | 1      | Energy Lab | C07091050-001F                   | 9/22/2007  | E909.0M                               | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        | 1          |                                  |            |                                       | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Polonium 210, SUS                        | -1     | Energy Lab | C07091050-001F                   | 9/22/2007  | RMO-3008                              | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        | 1          |                                  | 1          |                                       | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Radium 226, SUS                          | -0.2   | Energy Lab | C07091050-001F                   | 9/22/2007  | E903.0                                | unconfirmed, mix-up of labels                  |
|                     |         |            |                                          |        | 1          |                                  | 1          | · · · · · · · · · · · · · · · · · · · | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Thorium 230, SUS                         | -0.2   | Energy Lab | C07091050-001F                   | 9/22/2007  | E907.0                                | unconfirmed, mix-up of labels                  |
| Literate derpt      |         |            |                                          |        |            |                                  | <u> </u>   |                                       | Sample may be for MW-1298 due to possible, but |
| Energy Metals Corp. | MW-1299 | 9/21/2007  | Uranium, SUS                             | 0 0007 | Faergy Lab | C07091050-001F                   | 9/22/2007  | E200.8                                | unconfirmed, mix-up of labels                  |
| Uranium One Inc.    | MW-1299 |            | Gross Alpha, DIS                         | 308    | Energy Lab | C07120756-004A                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Gross Beta, DIS                          |        |            | C07120756-004A                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Radium 226. DIS                          |        |            | C07120756-004A                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Radium 228, DIS                          |        |            | C07120756-004A                   | 12/14/2007 |                                       |                                                |
|                     | MW-1299 |            |                                          |        |            | C07120756-004B                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    |         | 12/13/2007 |                                          | -0.03  | Energy Lab | C07120750-004B                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Manganese, TOT                           | -0.01  | Energy Lab | C07120756-004B<br>C07120756-004C | 12/14/2007 | A4500-NH3 G                           |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Nitrogen, Ammonia as N, DIS              | -0.05  | Energy Lab | C07120756-004C                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Nitrogen, Nitrate+Nitrite as N, DIS      | 0.1    | Lnergy Lab | 007120750-0040                   |            | Calculation                           |                                                |
| Uranium One Inc.    | MW-1299 |            | A/C Balance (± 5), DIS                   |        |            | C07120756-004D                   |            |                                       | ···                                            |
| Uranium One Inc.    | MW-1299 |            | Anions, DIS                              |        |            | C07120756-004D                   |            | Calculation                           |                                                |
| Uranium One Inc.    | MW-1299 |            | Bicarbonate as HCO3, DIS                 |        |            | C07120756-004D                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Carbonate as CO3, DIS                    |        | Energy Lab | C07120756-004D                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Cations, DIS                             | 14.6   | Energy Lab | C07120756-004D                   |            | Calculation                           |                                                |
| Uranium One Inc.    | MW-1299 |            | Chloride, DIS                            |        |            | C07120756-004D                   |            | A4500-CI B                            |                                                |
| Uranium One Inc.    | MW-1299 |            | Conductivity, DIS                        |        |            | C07120756-004D                   | 12/14/2007 |                                       | _ <u>}</u>                                     |
| Uranium One Inc.    | MW-1299 |            | Fluoride, DIS                            |        |            | C07120756-004D                   |            | A4500-F C                             | _ <u></u>                                      |
| Uranium One Inc.    | MW-1299 | 12/13/2007 |                                          | 7.76   | Energy Lab | C07120756-004D                   |            | A4500-H B                             |                                                |
| Uranium One Inc.    | MW-1299 |            | Solids, Total Dissolved Calculated, DIS  | 1020   | Energy Lab | C07120756-004D                   |            | Calculation                           |                                                |
| Uranium One Inc.    | MW-1299 |            | Solids, Total Dissolved TDS @ 180 C, DIS |        |            | C07120756-004D                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Sutfate, DIS                             |        |            | C07120756-004D                   |            | A4500-SO4 E                           |                                                |
| Uranium One Inc.    | MW-1299 |            | TDS Balance (0.80 - 1.20), DIS           | 1.08   | Energy Lab | C07120756-004D                   |            | Calculation                           | _ <u></u>                                      |
| Uranium One Inc.    | MW-1299 |            | Aluminum, DIS                            |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Arsenic, DIS                             |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Barium, DIS                              |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Boron, DIS                               |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Cadmium, DIS                             | -0.00  | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Calcium, DIS                             |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Chromium, DIS                            |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Copper, DIS                              |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Iron, DIS                                | -0.03  | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Lead, DIS                                | -0.001 | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Magnesium, DIS                           | 21     | Energy Lab | C07120756-004E                   | 12/14/2007 | E200.7                                |                                                |
| Uranium One Inc.    | MW-1299 |            | Manganese, DIS                           | -0.01  | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Mercury, DIS                             | -0.00  | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Motybdanum, DIS                          | -0.1   | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 | Nickel, DIS                              | -0.0   | Energy Lab | C07120756-004E                   | 12/14/2007 | E200.8                                |                                                |
| Uranium One Inc.    | MW-1299 |            | Potassium, DIS                           |        | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Selenium, DIS                            |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Silica, DIS                              | 18.9   | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Sodium, DIS                              |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Uranium, DIS                             |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 |            | Vanadium, DIS                            |        |            | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Uranium One Inc.    | MW-1299 | 12/13/2007 |                                          | -0.0-  | Energy Lab | C07120756-004E                   | 12/14/2007 |                                       |                                                |
| Energy Metals Corp. |         |            | A/C Balance (± 5), DIS                   | 1 24   | Energy Lab | C07061599-001A                   |            | Calculation                           |                                                |
| Energy Metals Corp. |         |            | Anions, DIS                              | 3.79   | Energy Lab | C07061599-001A                   |            | Calculation                           |                                                |
| Lenging mouse colp. | 1000    | GR. 312001 | (runono, 0/0                             |        | 1          | 1                                |            |                                       |                                                |

| Energy Metals Corp. MW-1300  | 6/29/2007 Bicarbonate as HCO3, DIS                 | 127 Energy Lab C07061599-001A     | 6/30/2007 A2320 B     |
|------------------------------|----------------------------------------------------|-----------------------------------|-----------------------|
| Energy Metals Corp. MW-1300  | 6/29/2007 Carbonate as CO3, DIS                    | -1 Energy Lab C07061599-001A      | 6/30/2007 A2320 B     |
| Energy Metals Corp. MW-1300  | 6/29/2007 Cations, DIS                             | 3.7 Energy Lab C07061599-001A     | 6/30/2007 Calculation |
| Energy Metals Corp. MW-1300  | 6/29/2007 Chloride, DIS                            | 5 Energy Lab C07061599-001A       | 6/30/2007 A4500-CI B  |
| Energy Metals Corp. MW-1300  | 6/29/2007 Conductivity, DIS                        | 383 Energy Lab C07061599-001A     | 6/30/2007 A2510 B     |
| Energy Metals Corp. MW-1300  | 6/29/2007 Fluoride, DIS                            | 0.5 Energy Lab C07061599-001A     | 6/30/2007 A4500-F C   |
| Energy Metals Corp. MW-1300  | 6/29/2007 pH, DIS                                  | 8.04 Energy Lab C07061599-001A    | 6/30/2007 A4500-H B   |
| Energy Metals Corp. MW-1300  |                                                    |                                   |                       |
|                              | 6/29/2007 Solids, Total Dissolved Calculated, DIS  | 235 Energy Lab C07061599-001A     | 6/30/2007 Calculation |
| Energy Metals Corp. MW-1300  | 6/29/2007 Solids, Total Dissolved TDS @ 180 C, DIS | 202 Energy Lab C07061599-001A     | 6/30/2007 A2540 C     |
| Energy Metals Corp. MW-1300  | 6/29/2007 Sulfate, DIS                             | 74 Energy Lab C07061599-001A      | 6/30/2007 A4500-SO4 E |
| Energy Metals Corp. MW-1300  | 6/29/2007 TDS Balance (0.80 - 1.20), DIS           | 0.86 Energy Lab C07061599-001A    | 6/30/2007 Calcutation |
| Energy Metals Corp. MW-1300  | 6/29/2007 Nitrogen, Ammonia as N, DIS              | -0.05 Energy Lab C07061599-001B   | 6/30/2007 A4500-NH3 G |
| Energy Metals Corp. MW-1300  | 6/29/2007 Nitrogen, Nitrate+Nitrite as N, DIS      | -0.1 Energy Lab C07061599-001B    | 6/30/2007 E353.2      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Iron, TOT                                | -0.03 Energy Lab C07061599-001C   | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Manganese, TOT                           | 0.02 Energy Lab C07061599-001C    | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Aluminum, DIS                            | -0.1 Energy Lab C07061599-001D    | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Arsenic, DIS                             | 0.003 Energy Lab C07061599-001D   |                       |
|                              |                                                    |                                   | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Barium, DIS                              | -0.1 Energy Lab C07061599-001D    | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Boron, DIS                               | -0.1 Energy Lab C07061599-001D    | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Cadmium, DIS                             | -0.005 Energy Lab C07061599-001D  | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Calcium, DIS                             | 38 Energy Lab C07061599-001D      | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Chromium, DIS                            | -0.05 Energy Lab C07061599-001D   | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Copper, DIS                              | -0.01 Energy Lab  C07061599-001D  | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Iron, DIS                                | -0.03 Energy Lab C07061599-001D   | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Lead, DIS                                | 0.002 Energy Lab C07061599-001D   | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Magnesium, DIS                           | 2 Energy Lab C07061599-001D       | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Manganese, DIS                           |                                   |                       |
| Energy Metals Corp. MW-1300  |                                                    | 0.02 Energy Lab C07061599-001D    | 6/30/2007 E200.8      |
|                              | 6/29/2007 Mercury, DIS                             | -0.001 Energy Lab C07061599-001D  | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Molybdenum, DIS                          | -0.1 Energy Lab C07061599-001D    | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Nickel, DIS                              | -0.05 Energy Lab C07061599-001D   | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Potassium, DIS                           | 3 Energy Lab C07061599-001D       | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Selenium, DIS                            | -0.001 Energy Lab C07061599-001D  | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Silica, DIS                              | 14.4 Energy Lab C07061599-001D    | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Sodium, DIS                              | 35 Energy Lab C07061599-001D      | 6/30/2007 E200.7      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Uranium, DIS                             | 0.0009 Energy Lab C07061599-001D  | 6/30/2007 E200.8      |
| Energy Metals Corp. IMW-1300 | 6/29/2007 Vanadium, DIS                            | -0.1 Energy Lab C07061599-001D    | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Zinc, DIS                                | -0.01 Energy Lab C07061599-001D   | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Lead 210, DIS                            | -1 Energy Lab C07061599-001E      | 6/30/2007 NERHL-65-4  |
| Energy Metals Corp. MW-1300  | 6/29/2007 Polonium 210. DIS                        | -1 Energy Lab C07061599-001E      | 6/30/2007 RMO-3008    |
| Energy Metals Corp. MW-1300  | 6/29/2007 Radium 226, DIS                          | 2.5 Energy Lab C07061599-001E     | 6/30/2007 E903.0      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Radium 228, DIS                          |                                   |                       |
|                              |                                                    | -1 Energy Lab C07061599-001E      | 6/30/2007 RA-05       |
| Energy Metals Corp. MW-1300  | 6/29/2007 Thorium 230, DIS                         | -0.2 Energy Lab C07061599-001E    | 6/30/2007 E907.0      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Lead 210, SUS                            | -1 Energy Lab C07061599-001F      | 6/30/2007 NERHL-65-4  |
| Energy Metals Corp. MW-1300  | 6/29/2007 Polonium 210, SUS                        | -1 Energy Lab C07061599-001F      | 6/30/2007 RMO-3008    |
| Energy Metals Corp. MW-1300  | 6/29/2007 Radium 226, SUS                          | -0.2 Energy Lab C07061599-001F    | 6/30/2007 E903.0      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Thorium 230, SUS                         | -0.2 Energy Lab C07061599-001F    | 6/30/2007 E907.0      |
| Energy Metals Corp. MW-1300  | 6/29/2007 Uranium, SUS                             | -0.0003 Energy Lab C07061599-001F | 6/30/2007 E200.8      |
| Energy Metals Corp. MW-1300  | 9/28/2007 A/C Balance (± 5), DIS                   | 3.76 Energy Lab C07100033-002A    | 10/1/2007 Calculation |
| Energy Metals Corp. MW-1300  | 9/28/2007 Anions, DIS                              | 4.03 Energy Lab C07100033-002A    | 10/1/2007 Calculation |
| Energy Metals Corp. MW-1300  | 9/28/2007 Bicarbonate as HCO3, DIS                 | 132 Energy Lab C07100033-002A     | 10/1/2007 A2320 B     |
| Energy Metals Corp. MW-1300  | 9/28/2007 Carbonate as CO3, DIS                    | -1 Energy Lab C07100033-002A      | 10/1/2007 A2320 B     |
| Energy Metals Corp. MW-1300  | 9/28/2007 Cations, DIS                             | 3.74 Energy Lab C07100033-002A    | 10/1/2007 Calculation |
| Energy Metals Corp. MW-1300  | 9/28/2007 Chloride, DIS                            | 10 Energy Lab C07100033-002A      | 10/1/2007 A4500-CI B  |
|                              |                                                    |                                   |                       |
| Energy Metals Corp. MW-1300  | 9/28/2007 Conductivity, DIS                        | 338 Energy Lab C07100033-002A     | 10/1/2007 A2510 B     |
| Energy Metals Corp. MW-1300  | 9/28/2007 Fluoride, DIS                            | 0.5 Energy Lab C07100033-002A     | 10/1/2007 A4500-F C   |
| Energy Metals Corp. MW-1300  | 9/28/2007 pH, DIS                                  | 7.96 Energy Lab C07100033-002A    | 10/1/2007 A4500-H B   |
| Energy Metals Corp. MW-1300  | 9/28/2007 Solids, Total Dissolved Calculated, DIS  | 242 Energy Lab C07100033-002A     | 10/1/2007 Calculation |
| Energy Metals Corp. MW-1300  | 9/28/2007 Solids, Total Dissolved TDS @ 180 C, DIS | 210 Energy Lab C07100033-002A     | 10/1/2007 A2540 C     |
| Energy Metals Corp. MW-1300  | 9/28/2007 Sulfate, DIS                             | 74 Energy Lab C07100033-002A      | 10/1/2007 A4500-SO4 E |
| Energy Metals Corp. MW-1300  | 9/28/2007 TDS Balance (0.80 - 1.20), DIS           | 0.87 Energy Lab C07100033-002A    | 10/1/2007 Calculation |
| Energy Metals Corp. MW-1300  | 9/28/2007 Iron, TOT                                | -0.03 Energy Lab C07100033-002B   | 10/1/2007 E200.7      |
|                              |                                                    |                                   |                       |

| Ease:         Use:         Operation         0.02         Operation         Operation <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |            |                                     |        |            |                |                        |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|------------|-------------------------------------|--------|------------|----------------|------------------------|-----------|
| Edenzy Makes Con. MM-1300         #2820077 Nicrogen, Ninsky Nicks Tab. 515         -0.11 Exemp Lab. 627 100033-0000         10172007 [200.6]           Every Makes Con. MM-1500         #2820077 Annum, D.S         -0.00 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con. MM-1500         #2820077 Centum, D.S         -0.00 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con. MM-1500         #2820077 Centum, D.S         -0.00 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con. MM-1500         #2820077 Centum, D.S         -0.08 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con. MM-1500         #2820077 Centum, D.S         -0.08 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con, MM-1500         #282007 [200.6]         -0.01 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con, MM-1500         #282007 [200.6]         -0.01 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con, MM-1500         #282007 [200.6]         -0.01 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con, MM-1500         #282007 [200.6]         -0.01 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con, MM-1500         #282007 [200.6]         -0.01 Exemp Lab. 607 100033-0000         10172007 [200.6]           Every Makes Con                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |          |            |                                     | 0.02   | Energy Lab | C07100033-002B | 10/1/2007 E200.7       |           |
| Benery, Wells, Cor, Wintson, Brackerson, Rinder Arthur, as D, DS.         -4.1 [Long: L.Ja. 077 100033-002.         1017/207 [E33.2.]           Control Mells, Cor, Wintson, DS.         -1.1 [Long: L.Ja. 077 100033-002.         1017/207 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.1 [Long: L.Ja. 077 100033-002.         1017/207 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.1 [Long: L.Ja. 077 100033-002.         1017/207 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.1 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.]           Control Mells, Cor, Wintson, DS.         -0.0 [Long: L.Ja. 077 100033-002.         1017/2007 [E30.8.] <td>Energy Metals Corp.</td> <td>MW-1300</td> <td>9/28/2007</td> <td>Nitrogen, Ammonia as N, DIS</td> <td>-0.05</td> <td>Energy Lab</td> <td>C07100033-002C</td> <td>10/1/2007 A4500-NH3 G</td> <td></td>                                                                                                                                                                                                                                                                                                                | Energy Metals Corp. | MW-1300  | 9/28/2007  | Nitrogen, Ammonia as N, DIS         | -0.05  | Energy Lab | C07100033-002C | 10/1/2007 A4500-NH3 G  |           |
| Elsenzy Meth. Corr.         WM-1300         \$262.007         Aumann. DS         -0.1         Long Tab. Stat. Cond. Stat. Sta | Energy Metals Corp. | MW-1300  | 9/28/2007  | Nitrogen, Nitrate+Nitrite as N, DIS | -0.1   | Energy Lab | C07100033-002C |                        |           |
| Granzy Meth. Con.         Meth. Son.         0.03 Energ. Lab.         0710007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Bartun, DS         0.1         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Bartun, DS         0.1         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Cartun, DS         0.3         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Cartun, DS         0.3         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Cartun, DS         0.4         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Cartun, DS         0.4         10110007 E306.8         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Magnetam, DS         0.2         10110007 E306.7         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Magnetam, DS         0.2         10110007 E307.7         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Magnetam, DS         0.02         10110007 E306.8         10110007 E306.8           Granzy Meth. Con.         Meth. Son.         9212007 Magnetam, DS         0.01         10110007 E306.7         10110007 E306.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Energy Metals Corp. | MW-1300  | 9/28/2007  | Aluminum, DIS                       | -0.1   | Energy Lab | C07100033-002D |                        | <u> </u>  |
| Genergy Meths Core, MW-1300         99/28007 (Barton, DS         -0.1 [Dengy Lab. Core         107/2007 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Barton, DS         -0.0 [Dengy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Barton, DS         -0.0 [Dengy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Barton, DS         -0.0 [Dengy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Denger, DS         -0.0 [Dengy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Denger, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Denger, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Mexa, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 (Mexa, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 [Mexa, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 [Mexa, DS         -0.01 [Energy Lab. Core         107/2807 [Exos a           Genergy Meths Core, MW-1300         99/28007 [Mexa, DS         -0.01 [Energy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Energy Metals Corp. | MW-1300  | 9/28/2007  | Arsenic, DIS                        |        |            |                |                        |           |
| Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.1 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.06 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.06 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.06 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.01 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [acouth.pc 55         -0.01 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Cor, MV-1300         992/2007 [More 018         -0.01 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Corr, MV-1300         992/2007 [More 018         -0.01 [serrgy Leb Corr 00035-0027         1097/2007 [S20.0 ]           Energy Meth Corr, MV-1300         992/2007 [More 018         -0.01 [serrgy Leb Corr 018         -0.01 [serrgy Leb Corr 018         -0.01 [serrgy Leb Corr 018           Energy Meth Corr 018         992/2007 [More 018         -0.01 [serrgy Leb Corr 018         -0.01 [serrgy Leb Corr 018         -0.01 [serrgy Leb Corr 018           Energy Meth Corr MV-1300         992/2007 [More 018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Energy Metals Corp. | MW-1300  | 9/28/2007  | Barium, DIS                         |        |            |                |                        |           |
| Energy Meths Corp.         Meth Soc.         9922007 Garbar, DS         40.065 [nergy Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9922007 Garbar, DS         30 [Renrgy Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9922007 Garbar, DS         -0.05 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9922007 Garbar, DS         -0.05 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9922007 [Se0 #         -0.01 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9922007 [Mergaresan, DIS         2.0 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9022007 [Mergaresan, DIS         0.0 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9022007 [Mergaresan, DIS         0.0 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         9022007 [Mergaresan, DIS         0.0 [Senrg Lab         C0710033-0020         101/2071 [E00 #           Energy Meths Corp.         Meth Soc.         90220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |          |            |                                     |        |            |                |                        |           |
| Energy Malls Corp. MM-1300         92/20207 Calcum. DIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     |        |            |                |                        |           |
| Energy Meth Corp. MM-1300         922/007 (Coronum, DIS.         -0.05 [Energy Lab. C07100053-0202         107/0007 [E20:8.]           Energy Meth Corp. MM-1300         822/007 (Exp. DIS.         -0.03 [Energy Lab. C07100053-0202         107/0007 [E20:8.]           Energy Meth Corp. MM-1300         622/007 (Exp. DIS.         -0.03 [Energy Lab. C07100053-0202         107/0007 [E20:8.]           Energy Meth Corp. MM-1300         622/007 (Monophica DIS.         -0.03 [Energy Lab. C07100053-0202         107/0007 [E20:8.]           Energy Meth Corp. MM-1300         92/02/007 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/007 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/007 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/07 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/07 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/07 Maphemas DIS.         -0.01 [Energy Lab. C07100053-0202         107/02/07 [E20:8.]           Energy Meth Corp. MM-1300         92/02/07 [Maphemas DIS.         -0.1 [Energy Lab. C07100053-0202         107/02/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          |            |                                     |        |            |                |                        |           |
| Energy Mails Corp. MW-1300         9282007 (Dopper, DIS         -0.01 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Mails Corp. MW-1300         9282007 [Lad, DIS         -0.01 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Mails Corp. MW-1300         9282007 [Lad, DIS         -0.01 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Mails Corp. MW-1300         9282007 [Mainstean, DIS         0.22 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Mails Corp. MW-1300         9282007 [MideL DIS         0.02 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Meils Corp. MW-1300         9282007 [MideL DIS         0.01 [Energy Lab         C07100033-0200         10/12/007 [E0:0.8           Energy Meils Corp. MW-1300         9282007 [MideL DIS         0.38 [Energy Lab         C07100033-0200         10/12/007 [E0:0.7           Energy Meils Corp. MW-1300         9282007 [Seina, DIS         1.38 [Energy Lab         C07100033-0200         10/12/007 [E0:0.7           Energy Meils Corp. MW-1300         9282007 [Seina, DIS         1.38 [Energy Lab         C07100033-0200         10/12/007 [E0:0.7           Energy Meils Corp. MW-1300         9282007 [Seina, DIS         0.38 [Energy Lab         C07100003-0200         10/12/007 [E0:0.7           Energy Meils                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |            |                                     |        |            |                |                        |           |
| Energy Meals Corp.         Meil Scop.         Meil Scop. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          |            |                                     |        |            |                |                        |           |
| Energy Meils Corp.         Weils Son         4.001         Energy Meils Corp.         Monthage         Monthage           Energy Meils Corp.         Weils Corp.         Weils Corp.         Weils Corp.         Monthage         Dividional Corp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |            |                                     |        |            |                |                        |           |
| Energy Mata Corp.         WH-1300         9220207         Megnesian, DS         21 Energy Lab.         Cort 10033-0020         101/2007         E200.7           Energy Mata Corp.         WH-1300         9220207         Megnesian, DS         0.02         Energy Lab.         Cort 10033-0020         101/2007         E200.8           Energy Meta Corp.         WH-1300         9220207         Megnesian, DS         0.01         Energy Lab.         Cort 10033-0020         101/2007         E200.8           Energy Meta Corp.         WH-1300         9222007         Netaba         DS         0.01         Cort 0003-0020         101/2007         E200.8           Energy Meta Corp.         WH-1300         9222007         Netaba         DS         0.01         Cort 0003-0020         101/2007         E200.7           Energy Meta Corp.         WH-1300         9222007         Site, DS         0.004         Energy Lab.         Cort 0003-0020         101/2007         E200.7           Energy Meta Corp.         WH-1300         9222007         Site, DS         0.01         E207         E200.8         Energy Lab.         Cort 0003-0020         101/2007         E200.8         Energy Meta Corp.         WH-1300         922007         E200.8         Energy Lab.         Cort 0003-0020         101/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Energy Metals Corp. | MVV-1300 |            |                                     |        |            |                |                        |           |
| Energy Metals Core,         BW-1300         9/28/2007         Merary, Nets         C0.02         Corr 1000330020         101/2007         E200.8           Energy Metals Corp,         MW-1300         9/28/2007         Montokeum, DIS         -0.01         Energy Metals Corp,         101/2007         E200.8           Energy Metals Corp,         MW-1300         9/28/2007         Montokeum, DIS         -0.01         Energy Metals Corp,         101/2007         E200.8           Energy Metals Corp,         MW-1300         9/28/2007         Potassim, DIS         -0.01         E201700033-0020         101/2007         E200.8           Energy Metals Corp,         MW-1300         9/28/2007         Stentim, DIS         -0.01         Exerct Loc Cort 00003-0020         101/2007         E200.4           Energy Metals Corp,         MW-1300         9/28/2007         Stentim, DIS         -0.01         E207         101/2007         E20.0         E20.0           Energy Metals Corp,         MW-1300         9/28/2007         Stentim, DIS         -0.01         E20.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         32/2007 (Menury, DIS         4.001 (Energy Lab.         C07100033-0020         101/2007 (E20.6           Energy Metals Corp.         32/2007 (Nobel ALISS         -0.15 (Energy Lab.         C07100033-0020         101/2007 (E20.6           Energy Metals Corp.         32/2007 (Nobel ALISS         -0.05 (Energy Lab.         C07100033-0020         101/2007 (E20.6           Energy Metals Corp.         32/22007 (Nobel ALISS         -0.05 (Energy Lab.         C07100033-0020         101/22007 (E20.6)           Energy Metals Corp.         32/22007 (Soluta, DIS         -0.06 (Energy Lab.         C07100033-0020         101/22007 (E20.6)           Energy Metals Corp.         MV1300         92/22007 (Soluta, DIS         -0.01 (Energy Lab.         C07100033-0020         101/22007 (E20.6)           Energy Metals Corp.         MV1300         92/22007 (Ea0.6)         Energy Lab.         C07100033-0020         101/2207 (E20.6)           Energy Metals Corp.         MV1300         92/22007 (Ea0.6)         IN1/2207 (E20.6)         Energy Metals Corp.         MV1300         92/22007 (Ea0.6)           Energy Metals Corp.         MV1300         92/22007 (Ea0.6)         IN1/2007 (E20.6)         Energy Metals Corp.         MV1300         92/22007 (Ea0.6)         Energy Lab.         C07100033-0022         101/2207 (E30.6)         Energy Metals Corp.         MV1300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          | 9/28/2007  | Magnesium, DIS                      |        |            |                | 10/1/2007 E200.7       |           |
| Energy Metals Corp.         Mori 100         92/82/007         Mori 100 <th< td=""><td></td><td></td><td>9/28/2007</td><td>Manganese, DIS</td><td>0.02</td><td>Energy Lab</td><td>C07100033-002D</td><td>10/1/2007 E200.8</td><td></td></th<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |          | 9/28/2007  | Manganese, DIS                      | 0.02   | Energy Lab | C07100033-002D | 10/1/2007 E200.8       |           |
| Energy Metals Corp.         WM-1300         92/82/2007 Nickal, DIS         0.05         101/2007 [220:05           Energy Metals Corp.         WM-1300         92/82/2007 [Seita, DIS         3         Derry Lub.         C07100033-0202         101/12007 [220:05           Energy Metals Corp.         WM-1300         92/82/2007 [Seita, DIS         3.0         Learny Lub.         C07100033-0220         101/12007 [220:07           Energy Metals Corp.         WM-1300         92/82/2007 [Seita, DIS         3.1         Insergy Lub.         C07100033-0220         101/12007 [220:07           Energy Metals Corp.         WM-1300         92/82/2007 [Uanium, DIS         0.0004 Energy Lub.         C07100033-0220         101/12007 [220:0.8           Energy Metals Corp.         WM-1300         92/82/2007 [Uanium, DIS         0.0004 Energy Lub.         C07100033-0220         101/12007 [220:0.8           Energy Metals Corp.         WM-1300         92/82/2007 [Uanium, DIS         0.010 Energy Lub.         C07100033-0220         101/12007 [250:0.8           Energy Metals Corp.         WM-1300         92/82/2007 [Uanium, ZID, DIS         100/12007 [250:0.8         101/12007 [250:0.8           Energy Metals Corp.         WM-1300         92/82/2007 [Radium ZID, DIS         1         Energy Lub.         C07100033-020E         101/12007 [250:0.8           Energy Metals Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |          |            |                                     | -0.001 | Energy Lab | C07100033-002D | 10/1/2007 E200.8       |           |
| Energy Metab Com, MM -1300         928/2007 Nickel, DIS         -0.05         Energy Leb         C07100033-002D         101/2007 [200.7           Energy Metab Corn, MM -1300         928/2007 [Selen, DIS         -0.01         Energy Leb         C07100033-02D         101/2007 [200.7           Energy Metab Corn, MM -1300         928/2007 [Selen, DIS         -0.01         Energy Leb         C07100033-02D         101/2007 [200.7           Energy Metab Corn, MM -1300         928/2007 [Selen, DIS         -0.01         Energy Leb         C07100033-02D         101/2007 [200.8           Energy Metab Corn, MM -1300         928/2007 [Jondum, DIS         -0.004 Energy Leb         C07100033-02D         101/2007 [200.8           Energy Metab Corn, MM -1300         92/22/207 [Jondum, DIS         -0.01         Energy Leb         C07100033-02D         101/2007 [200.8           Energy Metab Corn, MM -1300         92/22/207 [Jondum, 210.05         -0.11         Energy Leb         C07100033-02E         101/2007 [200.8           Energy Metab Corn, MM -1300         92/28/2007 [Radium 220.05         51         Energy Leb         C07100033-02E         101/2007 [200.8           Energy Metab Corn, MM +1300         92/28/2007 [Radium 220.05         -0.2         Energy Leb         C07100033-02E         101/2007 [200.6           Energy Metab Corn, MM +1300         92/28/2007 [Radium 220.05 </td <td>Energy Metals Corp.</td> <td>MW-1300</td> <td>9/28/2007</td> <td>Molybdenum, DIS</td> <td>-0.1</td> <td>Energy Lab</td> <td>C07100033-002D</td> <td>10/1/2007 E200.8</td> <td><u> </u></td>                                                                                                                                                                                                                                                                                                                                                                                                                 | Energy Metals Corp. | MW-1300  | 9/28/2007  | Molybdenum, DIS                     | -0.1   | Energy Lab | C07100033-002D | 10/1/2007 E200.8       | <u> </u>  |
| Energy Meils Corn, MVI-1300         928/2007 [Poidsaium, DIS         3 Energy Lub C077100033-002D         101/2007 [200.7           Energy Meils Corn, MVI-1300         928/2007 [Solenium, DIS         -0.01 [Energy Lub C077100033-002D         101/2007 [200.8           Energy Meils Corn, MVI-1300         928/2007 [Solenium, DIS         3.5 [Energy Lub C077100033-02D         101/2007 [200.8           Energy Meils Corn, MVI-1300         928/2007 [Variadum, DIS         0.000 [Energy Lub C077100033-02D         101/12007 [200.8           Energy Meils Corn, MVI-1300         92/28/2007 [Variadum, DIS         0.000 [Energy Lub C077100033-02D         101/12007 [200.8           Energy Meils Corn, MVI-1300         92/28/2007 [Variadum, DIS         0.01 [Energy Lub C077100033-02D         101/12007 [200.8           Energy Meils Corn, MVI-1300         92/28/2007 [Lad 210, DIS         -0.01 [Energy Lub C077100033-02E         101/12007 [E00.8           Energy Meils Corn, MVI-1300         92/28/2007 [Pointum 210, DIS         -1 [Energy Lub C077100033-02E         101/12007 [E00.6           Energy Meils Corn, MVI-1300         92/28/2007 [Pointum 210, DIS         -1 [Energy Lub C077100033-02E         101/12007 [E00.6           Energy Meils Corn, MVI-1300         92/28/2007 [Pointum 210, DIS         -1 [Energy Lub C077100033-02E         101/12007 [E00.6           Energy Meils Corn, MVI-1300         92/28/2007 [Pointum 210, SUS         -1 [Energy Lub C07710003-00F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Energy Metals Corp. | MW-1300  | 9/28/2007  | Nickel, DIS                         |        |            |                |                        | T         |
| Energy Metals Corp.         MV-1300         9/28/2007         Selenium. DIS         0.001         Energy Metals Corp.         MV-1300         9/28/2007         Soliton. DIS           Energy Metals Corp.         MV-1300         9/28/2007         Soliton. DIS         31         Energy Metals Corp.         MV-1300         9/28/2007         Soliton. DIS         35         Energy Metals Corp.         MV-1300         9/28/2007         Energy Metals Corp.         MV-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Energy Metals Corp. | MW-1300  |            |                                     |        |            |                |                        | †         |
| Energy Metals Corp.         MV-1300         9/28/2007         Sites, DIS         11. Energy Lab.         COP/100/33-002D         10/1/2007         Eson 7           Energy Metals Corp.         MV-1300         9/28/2007         Sadium, DIS         35 Energy Lab.         COP/100/33-002D         10/1/2007         Eson 7           Energy Metals Corp.         MV-1300         9/28/2007         Vanatum, DIS         -0.1         Energy Lab.         COP/100/33-002D         10/1/2007         Eson 8           Energy Metals Corp.         MV-1300         9/28/2007         Energy Lab.         COP/100/33-002E         10/1/2007         ENOR 0         Energy Metals Corp.         MV-1300         8/28/2007         Energy Metals Corp.         MV-1300         8/28/2007         Energy Lab.         COP/100/33-002E         10/1/2007         ENOR 0         Energy Metals Corp.         MV-1300         8/28/2007         Energy Metals Corp.         MV-1300         B/28/2007         Energy Metals Corp.         MV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |          |            |                                     |        |            |                |                        | +         |
| Energy Metals Corp.         WW-1300         9/28/2007 [Socium, DIS         0.004 [Energy Lab (27)/0033-0020         10/1/2007 [E20.6 ////           Energy Metals Corp.         WW-1300         9/28/2007 [Unanium, DIS         0.004 [Energy Lab (27)/00033-0020         10/1/2007 [E20.6 ///           Energy Metals Corp.         WW-1300         9/28/2007 [Unanium, DIS         -0.01 [Energy Lab (27)/00033-0020         10/1/2007 [E20.6 ///           Energy Metals Corp.         WW-1300         9/28/2007 [Lac Lab (27)//         -0.01 [Energy Lab (27)/00033-0022         10/1/2007 [E20.6 ///           Energy Metals Corp.         WW-1300         9/28/2007 [Lac Lab (27)//         -1         Energy Lab (27)/00033-0022         10/1/2007 [E90.5 ///           Energy Metals Corp.         WW-1300         9/28/2007 [Radium 226, DIS         -1         Energy Lab (27)/00033-0022         10/1/2007 [E90.3 ///           Energy Metals Corp.         WW-1300         9/28/2007 [Radium 226, DIS         -1         Energy Lab (27)/00033-0022         10/1/2007 [Rad-30           Energy Metals Corp.         WW-1300         9/28/2007 [Radium 220, DIS         -2         Energy Lab (27)/00033-0022         10/1/2007 [Rad-30         Energy Lab (27)/0003-0022         10/1/2007 [Rad-30         Energy Metals Corp.         MW-1300         9/28/2007 [Rad-30         Energy Lab (27)/0003-0027         10/1/2007 [Rad-30         Energy Lab (27)/0003-0027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Energy Metals Corp.         WW-1300         9/28/2007 Unanium, DIS         0.0004 [serrgr_Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 Zinc, DIS         -0.1 [serrgr_Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [Se0:0 Time]         -0.1 [serrgr_Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [Se0:0 Time]         -1         Energy Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [Se0:0 Time]         S0         51         Energy Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [Radium 220, DIS         -1         Energy Lah         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [Radium 220, DIS         -2         8         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [motim 20, DIS         -2         8         C07/00033-0022         10/1/2007 [se0:0 a           Energy Metals Corp.         WW-1300         9/28/2007 [motim 20, DIS         -2         8         C07/00033-0022<                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Energy Metals Corp.         MV-1300         9/22/2007         Wang 100         9/22/2007         Energy Metals Corp.         MV-1300         9/22/2007         Metals Corp.         MV-1300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |          |            |                                     |        |            |                |                        | +         |
| Energy Metals Corp.         MW-1300         9/22/2007         Tenders/ Metals Corp.         MV-1300         9/22/2007         Tenders/ Metals Corp.         Tenders/ T                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          |            |                                     |        |            |                |                        | +         |
| Energy Metals Corp.         Inv-1300         92/28/2007         Lead 210, DIS         -1         Energy Lab         C07100033-002E         10/1/2007         Energy Lab           Energy Metals Corp.         MW-1300         92/28/2007         Readium 28, DIS         51         Energy Lab         C07100033-002E         10/1/2007         Fexado           Energy Metals Corp.         MW-1300         92/28/2007         Readium 28, DIS         51         Energy Lab         C07100033-002E         10/1/2007         Fexado           Energy Metals Corp.         MW-1300         92/28/2007         Food 10, SUS         -2         Energy Lab         C07100033-002F         10/1/2007         Fexado           Energy Metals Corp.         MW-1300         92/28/2007         Food 10, SUS         2         Energy Lab         C07100033-002F         10/1/2007         Fexado           Energy Metals Corp.         MW-1300         92/28/2007         Thorium 20, SUS         2         Energy Lab         C07100033-002F         10/1/2007         Fexado         Energy Metals         C07100033-002F         10/1/2007         Fexado         Energy Lab         C07100033-002F         10/1/2007         Fexado         Energy Lab         C07100033-002F         10/1/2007         Fexado         Energy Lab         C07100033-002F         10/1/2007 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         MW-1300         9/28/2007         Packing Z2007         Packing Z200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         NW-1300         9/28/2007 Radium 228, DIS         5.1         Energy Lab         C07100033-002E         10/1/2007 [80:3.00           Energy Metals Corp.         NW-1300         9/28/2007 Thorium 230, DIS         -1         Energy Lab         C07100033-002E         10/1/2007 [80:7.0           Energy Metals Corp.         NW-1300         9/28/2007 Thorium 230, DIS         -2         Energy Lab         C07100033-002F         10/1/2007 [80:7.0           Energy Metals Corp.         NW-1300         9/28/2007 Thorium 230, SUS         -2         Energy Lab         C07100033-002F         10/1/2007 [80:7.0           Energy Metals Corp.         NW-1300         9/28/2007 Thorium 230, SUS         -2         Energy Lab         C07100033-002F         10/1/2007 [80:0.0           Energy Metals Corp.         NW-1300         9/28/2007 Thorium 230, SUS         0.2         Energy Lab         C07100033-002F         10/1/2007 [80:0.0           Lenstyr Metals Corp.         NW-1300         9/28/2007 [Uraium, SUS         0.0256 Energy Lab         C07100756-003A         12/14/2007 [80:0.0           Lenstyr Metals Corp.         NW-1300         12/13/2007 [Radium 228, DIS         3 Energy Lab         C07120756-003A         12/14/2007 [80:0.0           Lenstyr Metals Corp.         NW-1300         12/13/2007 [Radium 228, DIS         3 Energy Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         MW:1300         92/26/2007 Redum 228, DIS         -11         Energy Lab         C07100033-002E         10/1/2007 RA-05           Energy Metals Corp.         MW:1300         92/26/2007 Lad 210, SUS         -2         Energy Lab         C07100033-002F         10/1/2007 Eso3.0M           Energy Metals Corp.         MW:1300         92/26/2007 Redum 226, SUS         2.8         Energy Lab         C07100033-002F         10/1/2007 Eso3.0M           Energy Metals Corp.         MW:1300         92/26/2007 Redum 226, SUS         3         Energy Lab         C07100033-002F         10/1/2007 Eso3.0M           Energy Metals Corp.         MW:1300         92/26/2007 Thorium 230, SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007 Eso3.0           Energy Metals Corp.         MW:1300         92/26/2007 Thorium 330, SUS         -0.2         Energy Lab         C07100756-003A         12/1/2007 Eso3.0           Uranium One Inc.         MW:1300         12/1/3/2007 Redum 228, DIS         3         Energy Lab         C0710756-003A         12/1/4/2007 Eso3.0           Uranium One Inc.         MW:1300         12/1/3/2007 Redum 228, DIS         3         Energy Lab         C07120756-003A         12/1/4/2007 Redum 228, DIS         2         Energy Lab         C07120756-003A         12/1/4/2007 Redum 228, DIS         2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         INV-1300         92/28/007         Thortum 230. DIS         9.2 [Energy Lab         C07100033-002E         10/1/2007         Eson ()           Energy Metals Corp.         MM-1300         92/28/007         Reduum 240         SUS         -1         Energy Lab         C07100033-002F         10/1/2007         Eson ()           Energy Metals Corp.         MM-1300         92/28/007         Reduum 240         SUS         -2         Energy Lab         C07100033-002F         10/1/2007         Eson ()           Energy Metals Corp.         MM-1300         92/28/007         Thorium 230         SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007         Eson ()           Energy Metals Corp.         MM-1300         92/28/007         Thorium 230         SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007         Eson ()                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        |           |
| Energy Metals Corp.         MW-1300         9/28/2007 [Lad 210, SUS         -1         Energy Lab         C07100033-002F         10/1/2007 [E006 0M           Energy Metals Corp.         MW-1300         9/28/2007 [Polnium 210, SUS         2.8         Energy Lab         C07100033-002F         10/1/2007 [E006 0A           Energy Metals Corp.         MW-1300         9/28/2007 [Torkium 230, SUS         3.2         Energy Lab         C07100033-002F         10/1/2007 [E007 0A           Energy Metals Corp.         MW-1300         9/28/2007 [Torkium 230, SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007 [E007 0A           Uranium One Inc.         MW-1300         12/1/2007 [E007 0A         12/1/2007 [E000 0         12/1/2007 [E000 0           Uranium One Inc.         MW-1300         12/1/2007 [Rodum 226, DIS         10.1         Energy Lab         C07120756-003A         12/1/42007 [E000 0           Uranium One Inc.         MW-1300         12/1/32007 [Rodum 226, DIS         3.2         Energy Lab         C07120756-003A         12/1/42007 [E00 0         12/1/42007 [E00 0           Uranium One Inc.         MW-1300         12/1/32007 [Rodum 226, DIS         3.2         Energy Lab         C07120756-003A         12/1/42007 [E00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |          |            |                                     |        |            |                | 10/1/2007 RA-05        |           |
| Energy Metals Corp.         MW-1300         92/28/2007         Polonium 210, SUS         2.8         Energy Lab.         C07100033-002F         10/1/2007         PMO-3008           Energy Metals Corp.         MW-1300         92/28/2007         Radium 226, SUS         3.         Energy Lab.         C07100033-002F         10/1/2007         Electry           Energy Metals Corp.         MW-1300         92/28/2007         Thorium 230, SUS         0.0256         Energy Lab.         C07100033-002F         10/1/2007         Electry           Linatium One Inc.         MW-1300         12/1/32007         Gross Alpha, DIS         12.5         Energy Lab.         C07120756-003A         12/1/42007         Eloco.0           Uranium One Inc.         MW-1300         12/1/32007         Radium 226, DIS         3.         Energy Lab.         C07120756-003A         12/1/42007         Eloco.0           Uranium One Inc.         MW-1300         12/1/32007         Radium 226, DIS         3.         Energy Lab.         C07120756-003A         12/1/42007         Eloco.0           Uranium One Inc.         MW-1300         12/1/32007         Radium 226, DIS         2.8         Energy Lab.         C07120756-003A         12/1/42007         Eloco.0           Uranium One Inc.         MW-1300         12/1/32007         Manga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     | -0.2   | Energy Lab | C07100033-002E | 10/1/2007 E907.0       |           |
| Energy Metals Corp.         WW-1300         9/28/2007         Invitum 226. SUS         3         Energy Lab         C07100033-002F         10/1/2007         Eso3.0           Energy Metals Corp.         MW-1300         9/28/2007         Urnalum 230, SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007         Eso3.0           Energy Metals Corp.         MW-1300         9/28/2007         Urnalum 230, SUS         -0.2         Energy Lab         C07100033-002F         10/1/2007         Eso3.0           Urnalum One Inc.         MW-1300         12/13/2007         Gross Beta, DIS         10.1         Energy Lab         C07120756-003A         12/14/2007         Eso0.0           Urnalum One Inc.         MW-1300         12/13/2007         Radum 226, DIS         3         Energy Lab         C07120756-003A         12/14/2007         Eso3.0           Uranium One Inc.         MW-1300         12/13/2007         Radum 226, DIS         2.3         Energy Lab         C07120756-003B         12/14/2007         Eso0.0           Uranium One Inc.         MW-1300         12/13/2007         Ikraging Anmonia as N, DIS         0.06         Energy Lab         C07120756-003B         12/14/2007         Eso0.7         Ikraging Anmonia as N, DIS         0.06         Energy Lab         C07120756-003C         <                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          | 9/28/2007  | Lead 210, SUS                       | -1     | Energy Lab | C07100033-002F | 10/1/2007 E909.0M      |           |
| Energy Metals Corp,         MW-1300         928/2007 [Radium 226, SUS         3 [Energy Lab         C07100033-002F         101/12007 [E003.0           Energy Metals Corp,         MW-1300         928/2007 [Uranium, SUS         0.0256 [Energy Lab         C07100033-002F         101/12007 [E003.0           Linatium One Inc,         MW-1300         12/13/2007 [Gross Belg, DIS         0.0256 [Energy Lab         C07100033-002F         101/12007 [E00.0           Uranium One Inc,         MW-1300         12/13/2007 [Gross Belg, DIS         10.1 [Energy Lab         C07120756-003A         12/14/2007 [E90.0           Uranium One Inc,         MW-1300         12/13/2007 [Radium 228, DIS         10.1 [Energy Lab         C07120756-003A         12/14/2007 [E90.0           Uranium One Inc,         MW-1300         12/13/2007 [Radium 228, DIS         3 [Energy Lab         C07120756-003A         12/14/2007 [E90.0           Uranium One Inc,         MW-1300         12/13/2007 [Wint 70T         0.34 [Energy Lab         C07120756-003B         12/14/2007 [E20.7           Uranium One Inc,         MW-1300         12/13/2007 [Wint 90R, Nitrate+Nitrite as N, DIS         0.06 [Energy Lab         C07120756-003B         12/14/2007 [E30.2           Uranium One Inc,         MW-1300         12/13/2007 [Nitrogen, Nitrate+Nitrite as N, DIS         0.06 [Energy Lab         C07120756-003D         12/14/2007 [E30.2 <td>Energy Metals Corp.</td> <td>MW-1300</td> <td>9/28/2007</td> <td>Polonium 210, SUS</td> <td>2.8</td> <td>Energy Lab</td> <td>C07100033-002F</td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                               | Energy Metals Corp. | MW-1300  | 9/28/2007  | Polonium 210, SUS                   | 2.8    | Energy Lab | C07100033-002F |                        |           |
| Energy Metals Corp.         NW-1300         9/28/2007         Inorium 230, SUS         -0.2         Energy Lab         C0710033-002F         10//2007         E907.0           Energy Metals Corp.         NW-1300         12/13/2007         Gross Alpha, DIS         0.0256         Energy Lab         C07100033-002F         10//2007         E900.0           Uranium One Inc.         MW-1300         12/13/2007         Gross Alpha, DIS         12.6         Energy Lab         C07120756-003A         12/14/2007         E900.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         3         Energy Lab         C07120756-003A         12/14/2007         EA05           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         3         Energy Lab         C07120756-003A         12/14/2007         EA05           Uranium One Inc.         MW-1300         12/13/2007         Kan, DIS         0.34         Energy Lab         C07120756-003B         12/14/2007         EA05           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Naronia as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         Ea00-7.0           Uranium One Inc.         MW-1300         12/13/2007         Nitropan, Nitratel+Nitrit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Energy Metals Corp. | MW-1300  | 9/28/2007  | Radium 226, SUS                     |        |            |                |                        | 1         |
| Energy Metals Corp.         MW-1300         9/28/2007 [Uranium, SUS         0.0256         Energy Lab         C07100033-002F         10/1/2007 [E200.8           Uranium One Inc.         MW-1300         12/13/2007 [Gross Alpha, DIS         12.6         Energy Lab         C07120756-003A         12/14/2007 [E900.0           Uranium One Inc.         MW-1300         12/13/2007 [Radium 228, DIS         3         Energy Lab         C07120756-003A         12/14/2007 [E903.0           Uranium One Inc.         MW-1300         12/13/2007 [Radium 228, DIS         3         Energy Lab         C07120756-003A         12/14/2007 [E903.0           Uranium One Inc.         MW-1300         12/13/2007 [Non, TOT         0.34 [Energy Lab         C07120756-003B         12/14/2007 [E200.7           Uranium One Inc.         MW-1300         12/13/2007 [Ninrogen, Ammonia as N, DIS         0.05 [Energy Lab         C07120756-003C         12/14/2007 [E30.7           Uranium One Inc.         MW-1300         12/13/2007 [Ninrogen, Ammonia as N, DIS         0.05 [Energy Lab         C07120756-003C         12/14/2007 [E30.7           Uranium One Inc.         MW-1300         12/13/2007 [Aics Baince (4 5), DIS         3.11 [Energy Lab         C07120756-003C         12/14/2007 [E30.6           Uranium One Inc.         MW-1300         12/13/2007 [Aics Bince (4 5), DIS         3.11 [Energy Lab <td< td=""><td>Energy Metals Corp.</td><td>MW-1300</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Energy Metals Corp. | MW-1300  |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Gross Alpha, DIS         12.5         Energy Lab         C07/120756-003A         12/14/2007         Eso0.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 226, DIS         10.1         Energy Lab         C07/120756-003A         12/14/2007         Eso0.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         3         Energy Lab         C07/120756-003A         12/14/2007         RAdium 228, DIS           Uranium One Inc.         MW-1300         12/13/2007         Manganese, TOT         0.34         Energy Lab         C07/120756-003A         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Manganese, TOT         0.02         Energy Lab         C07/120756-003C         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrade+Nitrite as N, DIS         0.05         Energy Lab         C07/120756-003C         12/14/2007         E30.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrade+Nitrite as N, DIS         0.05         Energy Lab         C07/120756-003C         12/14/2007         E33.2           Uranium One Inc.         MW-1300         12/13/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |          |            |                                     |        |            |                |                        | ·         |
| Uranium One Inc.         MW-1300         12/13/2007         Gross Beta, DIS         10.1         Energy Lab         C07120756-003A         12/14/2007         E900.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         3         Energy Lab         C07120756-003A         12/14/2007         E903.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         2.3         Energy Lab         C07120756-003A         12/14/2007         E900.7           Uranium One Inc.         MW-1300         12/13/2007         Nanganese, TOT         0.02         Energy Lab         C07120756-003B         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nanganese, TOT         0.02         Energy Lab         C07120756-003C         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         0.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     |        |            |                | 12/14/2007 [5200.0     |           |
| Uranium One Inc.         MW-1300         12/13/2007         Radium 226, DIS         3         Energy Lab         C07120756-003A         12/14/2007         E903.0           Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         2.3         Energy Lab         C07120756-003A         12/14/2007         E903.0           Uranium One Inc.         MW-1300         12/13/2007         Manganese, TOT         0.34         Energy Lab         C07120756-003B         12/14/2007         Exot           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Ammonia as N, DIS         0.02         Energy Lab         C07120756-003C         12/14/2007         Adsoo-NH3 G           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         0.01         Energy Lab         C07120756-003C         12/14/2007         East           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrotewn, NISS         0.1         Energy Lab         C07120756-003C         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Raica b HCO3, DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     |        |            |                | 12/14/2007 [E900.0     | <u> </u>  |
| Uranium One Inc.         MW-1300         12/13/2007         Radium 228, DIS         2.3         Energy Lab         C07120756-003A         12/14/2007         RA-05           Uranium One Inc.         MW-1300         12/13/2007         Ivanium One Inc.         C07120756-003B         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         E300.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         E33.2           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         0.1         Energy Lab         C07120756-003C         12/14/2007         E33.2           Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.71         Energy Lab         C07120756-003D         12/14/2007         A3220 B           Uranium One Inc.         MW-1300         12/13/2007         Catonata as CO3, DIS <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         km, TOT         0.34         Energy Lab         C07120756-003B         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Minogen, Ammonia as N, DIS         0.02         Energy Lab         C07120756-003C         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         E353.2           Uranium One Inc.         MW-1300         12/13/2007         Alcose, NIS         3.11         Energy Lab         C07120756-003C         12/14/2007         Easta.2           Uranium One Inc.         MW-1300         12/13/2007         Alcose,                                                                                                                                                                                                                                                                                                                                                                                         |                     |          |            |                                     |        |            |                |                        | + <u></u> |
| Uranium One Inc.         MW-1300         12/13/2007         Manganese, TOT         0.02         Energy Lab         C07120756-003B         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nimate+Nitrite as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         Adsoo-NH3 G           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         0.1         Energy Lab         C07120756-003C         12/14/2007         E33.2           Uranium One Inc.         MW-1300         12/13/2007         Akitate+Nitrite as N, DIS         0.1         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.71         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Carbonate as HCO3, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2300           Uranium One Inc.         MW-1300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Ammonia as N, DIS         0.05         Energy Lab         C07120756-003C         12/14/2007         A4500-NH3 G           Uranium One Inc.         MW-1300         12/13/2007         Nitrogen, Nitrate+Nitrite as N, DIS         -0.1         Energy Lab         C07120756-003C         12/14/2007         Easta           Uranium One Inc.         MW-1300         12/13/2007         A/C Balance (± 5), DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Arions, DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Bicarbonate as HCO3, DIS         126         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cationate as CO3, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Choride, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A4500-CI B           Uranium One Inc.         MW-1300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Uranium One Inc.         MW-1300         12/13/2007         Nitragen, Nitrate+Nitrite as N, DIS         0.1         Energy Lab         C07120756-003C         12/14/2007         E333.2           Uranium One Inc.         MW-1300         12/13/2007         A/C Balance (± 5), DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.71         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Ricarbonate as HCO3, DIS         126         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cationate as CO3, DIS         -1         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Chonductivity, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         A/C Balance (± 5), DIS         3.11         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.71         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Bicarbonate as HCO3, DIS         126         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cationas as CO3, DIS         11         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Caduativity, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A4500-C1 B           Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         3.77         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Anions, DIS         3.71         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Bicarbonate as HCO3, DIS         126         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cationate as CO3, DIS         -1         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         -4         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Choride, DIS         -4         Energy Lab         C07120756-003D         12/14/2007         A4500-CI B           Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Phunde, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        | <u></u>   |
| Uranium One Inc.         MW-1300         12/13/2007         Bicarbonate as HCO3, DIS         126         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Carbonate as CO3, DIS         -1         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Choride, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         A4500-CI B           Uranium One Inc.         MW-1300         12/13/2007         Choride, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A2510 B           Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Ph, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-H B           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Carbonate as CO3, DIS         -1         Energy Lab         C07120756-003D         12/14/2007         A2320 B           Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         Caticulation           Uranium One Inc.         MW-1300         12/13/2007         Chloride, DIS         4         Energy Lab         C07120756-003D         12/14/2007         A4500-CI B           Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         PH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Cations, DIS         3.49         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Chioride, DIS         4         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A4500-CI B           Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         PH, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Chloride, DIS         4         Energy Lab         C07120756-003D         12/14/2007         A4500-Cl B           Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A4500-Cl B           Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         pH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-H B           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         A4500-H B           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         227         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A2510 B           Uranium One Inc,         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         pH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         pH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     | 3.49   | Energy Lab | C07120756-003D | 12/14/2007 Calculation |           |
| Uranium One Inc.         MW-1300         12/13/2007         Conductivity, DIS         377         Energy Lab         C07120756-003D         12/14/2007         A2510 B           Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         PH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-H B           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A4500-S04 C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A4500-S04 E           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-S04 E           Uranium One Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |          |            |                                     | 4      | Energy Lab | C07120756-003D | 12/14/2007 A4500-CI B  |           |
| Uranium One Inc.         MW-1300         12/13/2007         Fluoride, DIS         0.5         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         pH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-F C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         TDS Balance (0.80 - 1.20), DIS         1.1         Energy Lab         C07120756-003D         12/14/2007         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uranium One Inc.    | MW-1300  | 12/13/2007 | Conductivity, DIS                   |        |            |                | 12/14/2007 A2510 B     |           |
| Uranium One Inc.         MW-1300         12/13/2007         pH, DIS         8.14         Energy Lab         C07120756-003D         12/14/2007         A4500-H B           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         TDS Balance (0.80 - 1.20), DIS         1.1         Energy Lab         C07120756-003D         12/14/2007         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc.    | MW-1300  |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved Calculated, DIS         227         Energy Lab         C07120756-003D         12/14/2007         Calculation           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         Solidat, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-S04 E           Uranium One Inc.         MW-1300         12/13/2007         IDS         1.1         Energy Lab         C07120756-003D         12/14/2007         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc.         MW-1300         12/13/2007         Solids, Total Dissolved TDS @ 180 C, DIS         249         Energy Lab         C07120756-003D         12/14/2007         A2540 C           Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         TDS Balance (0.80 - 1.20), DIS         1.1         Energy Lab         C07120756-003D         12/14/2007         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Uranium One Inc.         MW-1300         12/13/2007         Sulfate, DIS         73         Energy Lab         C07120756-003D         12/14/2007         A4500-SQ4 E           Uranium One Inc.         MW-1300         12/13/2007         TDS Balance (0.80 - 1.20), DIS         1.1         Energy Lab         C07120756-003D         12/14/2007         Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |          |            |                                     |        |            |                |                        |           |
| Uranium One Inc. MW-1300 12/13/2007 TDS Balance (0.80 - 1.20), DIS 1.1 Energy Lab C07120756-003D 12/14/2007 Calculation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |          |            |                                     |        |            |                |                        |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |            |                                     |        |            |                |                        | <u>+</u>  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |            |                                     |        |            |                |                        | <u>├</u>  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |            |                                     |        |            |                |                        | <u>+</u>  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |            |                                     |        |            |                |                        | +         |
| Uranium One Inc, MW-1300 12/13/2007 [Barium, DIS -0.1 [Energy Lab C07120756-003E 12/14/2007 [E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Uranium One Inc. MW-1300 12/13/2007 Boron, DIS -0.1 Energy Lab C07120756-003E 12/14/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |          |            |                                     |        |            |                |                        | <u> </u>  |
| Uranium One Inc. MW-1300 12/13/2007 Cadmium, DIS -0.005 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uranium One Inc.    | MW-1300  | 12/13/2007 | Cadmium, DIS                        |        | Energy Lab | C07120756-003E | 12/14/2007 E200.8      |           |





| Uranium One Inc.         MW-1300         12/13/2007         Calcium, DIS         35         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Corper, DIS         -0.05         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Copper, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Lead, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Lead, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Magnesium, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Magnese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Magnese, DIS         -0.01                                                                                                                                                                                                                      |                  |         |                  |            |                 |        |            |                | ·                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------|------------------|------------|-----------------|--------|------------|----------------|-------------------|--|
| Uranium One Inc.         MW-1300         12/13/2007         Copper, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Iron, DIS         -0.03         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Lead, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Magnesium, DIS         2         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Magnesium, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Manganese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.11 <td>Uranium One Inc.</td> <td>MW-1300</td> <td>Jranium One Inc.</td> <td>12/13/2007</td> <td>Calcium, DIS</td> <td>35</td> <td>Energy Lab</td> <td>C07120756-003E</td> <td>12/14/2007 E200.7</td> <td></td> | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Calcium, DIS    | 35     | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Iron, DIS         -0.03         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Lead, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Magneseum, DIS         2         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Magnese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Marganese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Mercury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.1         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.05                                                                                                                                                                                                              | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Chromium, DIS   | -0.05  | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Lead, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Magnesium, DIS         2         Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Manganese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Mercury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Morcury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.11         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Nickel, DIS         -0.05         Energy Lab         C07120756-003E         12/14/2007         E200.8                                                                                                                                                                                                                                                                                                             | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Copper, DIS     | -0.01  | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Magnesium, DIS         2 Energy Lab         C07120756-003E         12/14/2007         E200.7           Uranium One Inc.         MW-1300         12/13/2007         Manganese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Mercury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.01         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.05         Energy Lab         C07120756-003E         12/14/2007         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Iron, DIS       | -0.03  | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Manganese, DIS         0.02         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Mercury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.11         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.15         Energy Lab         C07120756-003E         12/14/2007         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Lead, DIS       | -0.001 | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Mercury, DIS         -0.001         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.1         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Nickel, DIS         -0.05         Energy Lab         C07120756-003E         12/14/2007         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Magnesium, DIS  | 2      | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc.         MW-1300         12/13/2007         Molybdenum, DIS         -0.1         Energy Lab         C07120756-003E         12/14/2007         E200.8           Uranium One Inc.         MW-1300         12/13/2007         Nickel, DIS         -0.05         Energy Lab         C07120756-003E         12/14/2007         E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Manganese, DIS  | 0.02   | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc. MW-1300 12/13/2007 Nickel, DIS -0.05 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Mercury, DIS    | -0.001 | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Molybdenum, DIS | -0.1   | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc. MW-1300 12/13/2007 Potassium, DIS 3] Energy Lab C07120756-003E 12/14/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Nickel, DIS     |        |            |                | 12/14/2007 E200.8 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Potassium, DIS  | 3      | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc. MW-1300 12/13/2007 Selenium, DIS -0.001 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Selenium, DIS   | -0.001 | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc. MW-1300 12/13/2007 Silica, DIS 13.2 Energy Lab C07120756-003E 12/14/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Silica, DIS     | 13.2   | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc. MW-1300 12/13/2007 Sodium, DIS 35 Energy Lab C07120756-003E 12/14/2007 E200.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Sodium, DIS     | 35     | Energy Lab | C07120756-003E | 12/14/2007 E200.7 |  |
| Uranium One Inc. MW-1300 12/13/2007 Uranium, DIS 0.0011 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Uranium, DIS    | 0.0011 | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc. MW-1300 12/13/2007 Vanadium, DIS -0.1 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Vanadium, DIS   | -0.1   | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |
| Uranium One Inc. MW-1300 12/13/2007 Zinc, DIS -0.01 Energy Lab C07120756-003E 12/14/2007 E200.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uranium One Inc. | MW-1300 | Jranium One Inc. | 12/13/2007 | Zinc, DIS       | -0.01  | Energy Lab | C07120756-003E | 12/14/2007 E200.8 |  |

1. Unless otherwise noted, A negative value signifies a detection limit value. For example, -1 is <1

License Application, Environmental Report URANIUM ONE AMERICAS Antelope and JAB Uranium Project Section 3.4 – Water Resources



Addendum 3.4- E Water Rights



Summary of permitted Uranium One, Inc. wells within JAB and Antelope permit boundaries

| UraniumOne<br>Well ID | Permitted<br>Facility/Name | Applicant)                                                                        | WYSEO<br>Permit | Priority/s         | i Status I                            | User<br>Lise | Well<br>Depth (ft) | (gpm) | I ISWLS<br>(ft.bgs) | Screened or<br>Perforated<br>Interval (ft.bgs) | Township        | Range) | (Section)   | Quan |
|-----------------------|----------------------------|-----------------------------------------------------------------------------------|-----------------|--------------------|---------------------------------------|--------------|--------------------|-------|---------------------|------------------------------------------------|-----------------|--------|-------------|------|
|                       | KC CT                      |                                                                                   |                 | 12.124 (SA         | Antelope We                           |              |                    |       |                     |                                                |                 |        | DESCRIPTION |      |
|                       | AP-M1                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184696W        | 1/28/2008          | UNA                                   | MON          | 400                | 10    | 257                 | 380-400                                        | 26              | 93     | 12          | NWSW |
| M-1                   | 749                        | USDI, BLM**INC. NEWPARK RESOURCES                                                 | P46333W         | 11/8/1978          | · · · · · · · · · · · · · · · · · · · | MIS          | 400                | 25    | 266                 | 240-400                                        | 26              | 93     | 12          | NWSW |
| M-2 ,                 | AP-M2                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184697W        | 1/28/2008          | UNA                                   | MON          | 440                |       | 319                 | 350-375                                        | 26              | 93     | 14          | SESE |
| M-3                   | АР-МЗ                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184698W        | 1/28/2008          | UNA                                   | MON          | 390                |       | 328                 | 346-366                                        | 26              | 93     | 13          | NWSW |
|                       | AP-M4                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184699W        | 1/28/2008          | UNA                                   | MON          | 600                | 22    | 275                 | 400-460                                        | 26              | 93     | 24          | NENE |
| M-4                   | LEE #1                     | ENERGY METALS CORPORATION                                                         | P183531W        | 9/6/2007           | UNA                                   | MIS          | 600                |       |                     | 400-460                                        | 26              | 93     | 24          | NENE |
|                       | AP-M5                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184700W        | 1/28/2008          | UNA                                   | MON          | 380                | 10    | 294                 | 330-350                                        | 26              | 93     | 24          | NENE |
| M-5                   | CAMECO #3                  | USDI, BLM**CAMECO RESOURCES U.S. INC                                              | P101718W        | 35130              | CAN                                   | MIS          | 380                | 12    | 200                 |                                                | 26              | 93     | 24          | NENE |
| M-6                   | AP-M6                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184701W        | 39475              | UNA                                   | MON          | 460                | 8     | 333                 | 425-460                                        | <sup>'</sup> 26 | 92     | 7           | swsw |
|                       | AP-M7                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184702W        | 39475              | UNA                                   | MON          | 515                | 2     | 391                 |                                                | 26              | 92     | 18          | swsw |
| M-7                   | ROSS & ROX<br>#1           | USDI, BLM**KERR-MCGEE CORPORATION                                                 | P51983W         | 29327              | CAN                                   | TEM,IND      | 505                | 15    | 300                 |                                                | 26              | 92     | 18          | SWSW |
|                       | ROSS & ROX<br>#1           | USDI, BLM**KERR-MCGEE CORPORATION                                                 | P34544W         | 27978              | CAN                                   | MIS          | 505                | . 15  | 300                 |                                                | 26              | 92     | 18          | swsw |
| M-8                   | AP-M8                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184703W        | 3 <del>9</del> 475 | UNA                                   | MON          | 700                | 7     | 296                 | 570-590                                        | 26              | 92     | 17          | SWNE |
| M-9                   | AP-M9                      | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184704W        | 39475              | UNA                                   | MON          | 1000               | 8     | 332                 | 520-540                                        | 26              | 92     | 20          | NESW |
| M-10                  | AP-M10                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184705W        | 1/28/2008          | UNA                                   | MON          | 403                | 11    | 221                 | 200-400                                        | 26              | 92     | 16          | NESE |
|                       | JINNY #1                   | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184391W        | 1/3/2008           | UNA                                   | MIS          | 403                |       |                     | 200-400                                        | 26              | 92     | 16          | NESE |
| M-11                  | AP-M11                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184706W        | 1/28/2008          | UNA                                   | MON          | 500                | 12    | 163                 | 455-480                                        | 26              | 92     | 15          | SENW |
| M-12                  | AP-M12                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184707W        | 1/28/2008          | UNA                                   | MON          | 500                | 11    | 209                 | 390-420                                        | 26              | 92     | 9           | SWNE |
| M-13                  | AP-M13                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184708W        | 1/28/2008          | UNA                                   | MON          | 460                | 20    | 218                 | 385-425                                        | 26              | 92     | 10          | SWNE |
| M-14                  | AP-M14                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184709W        | 1/28/2008          | UNA                                   | MON          | 400                | 13    | 137                 | 360-385                                        | 26              | 92     | 11          | NWSE |
| M-15                  | AP-M15                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184710W        | 1/28/2008          | UNA                                   | MON          | 360                | 6     | 221                 | 290-340                                        | 26              | 92     | 14          | SENE |
|                       | BAIROIL                    | USDI BLM, RAWLINS DISTRICT                                                        | P55119W         | 12/24/1980         | GST                                   | STO          | 360                | 5     | 233                 | 298-340                                        | 26              | 92     | 14          | SENE |
| M-16                  | AP-M16                     | URANIUM ONE dba ENERGY METALS CORPORATION                                         | P184711W        | 1/28/2008          | UNA                                   | MON          | 360                | 11    | 194                 | 245-260                                        | 26              | 92     | 12          | NWNE |
|                       |                            | ·                                                                                 |                 |                    | JAB Wells                             |              |                    |       |                     | u di                                           |                 |        |             |      |
| MW 1291               | MW 1291                    | UMETCO MINERALS CORPORATION                                                       | P73392W         | 9/23/1986          | GST                                   | MON          | 192                | 13    | 113                 | 150-190                                        | 26              | 94     | 14          | NWSW |
| MW 1292               | MW 1292                    | UMETCO MINERALS CORPORATION                                                       | P73393W         | 9/23/1986          | GST                                   | MON          | 272                | 80    | 78                  | 230-270                                        | 26              | 94     | 15          | SWSE |
| MW 1298               | MW 1298                    | UMETCO MINERALS CORPORATION                                                       | P73394W         | 9/23/1986          | GST                                   | MON          | 288                |       |                     | 246-286                                        | 26              | 94     | 23          | NWNW |
| MW 1299               | MW 1299                    | UMETCO MINERALS CORPORATION                                                       | P73395W         | 9/23/1986          | GST                                   | MON          | 269                |       |                     | 227-267                                        | 26              | 94     | 24          | NWNW |
| MW 1300               | MW 1300                    | UMETCO MINERALS CORPORATION                                                       | P73396W         | 9/23/1986          | ढडा                                   | MÓN          | 236                |       |                     | 196-236                                        | 26              | 94     | 14          | NWNW |
| JAB #1                | JAB #1                     | ENERGY METALS CORPORATION** Wyo State Board<br>of Land Commissioners** USDI - BLM | P177393W        | 9/19/2006          | GSI                                   | MIS          | 220                |       |                     |                                                | 26              | 94     | 14          | NESE |
| OW 1301               | OW 1301                    | UMETCO MINERALS CORPORATION                                                       | P73397W         | 9/23/1986          | GST                                   | MON          | 197                |       |                     | 177-197                                        | 26              | 94     | 14          | NW5W |
| OW 1302               | OW 1302                    | UMETCO MINERALS CORPORATION                                                       | P73398W         | 9/23/1986          | GST .                                 | MON          | 192                |       |                     | 172-192                                        | 26              | 94     | 14          | NWSW |
| OW 1303               | OW 1303                    | UMETCO MINERALS CORPORATION                                                       | P73399W         | 9/23/1986          | GST                                   | MON          | 235                |       |                     | 215-235                                        | 26              | 94     | 14          | NWSW |
| OW 1304               | OW 1304                    | UMETCO MINERALS CORPORATION                                                       | P73400W         | 9/23/1986          | GST                                   | MON          | 263                |       |                     | 243-263                                        | 26              | 94     | 15          | SWSE |
| OW 1305               | OW 1305                    | UMETCO MINERALS CORPORATION                                                       | P73401W         | 9/23/1986          | GST                                   | MON          | 265                |       |                     | 245-265                                        | 26              | 94     | 15          | SWSE |
| 1                     | . 1                        |                                                                                   |                 |                    |                                       |              |                    |       |                     |                                                |                 | 1      |             |      |

1 Status Codes: UNA = Unadjudicated, GST = Good Standing, CAN = Cancelled

2 Use Codes: MIS = Miscellaneous, MON = Monitoring, STO = Stock

| Summary of active                     | wells within a three mile buffer o                                | of the JAB                                              | and Antel                                                          | ope perr            | nit boun                        | daries <i>n</i>    | <u>ot perm</u> | litted for      |                                                   | T        | I <b>C.</b> | <del></del> | <del></del> - | <del></del>                     |
|---------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------|---------------------|---------------------------------|--------------------|----------------|-----------------|---------------------------------------------------|----------|-------------|-------------|---------------|---------------------------------|
| Facility Name                         | Applicant                                                         | WYSEO<br>Permit No.                                     | Priority                                                           | Status <sup>1</sup> | Uses <sup>2</sup>               | Well Depth<br>(ft) | Yield<br>(gpm) | SWL<br>(ft.bgs) | Screened or<br>Perforated<br>Interval<br>(ft.bgs) | Township | Range       | Section     | Ququ          | Buffer<br>Distance <sup>3</sup> |
| ARAPAHOE WELL #1                      | DICKERSON J. SMITH** USDI, BUREAU OF<br>LAND MANAGEMENT           | P171697W                                                | 11/30/2005                                                         | GSI                 | STO                             |                    |                |                 |                                                   | 27       | 93          | 28          | NESW          | 3                               |
| BARON BUTE #1                         | STATE OF WYOMING**JOHN P. MC INTOSH                               | P8595P                                                  | 6/15/1940                                                          | GST                 | DOM,STO                         | 105                | 8              | 20              | 85-105                                            | 27       | 92          | 36          | SWINE         | 2                               |
| BATTLE SPRINGS WATER<br>SUPPLY #2     | AMOCO PRODUCTION COMPANY** WYOMING<br>BOARD OF LAND COMMISSIONERS | P14776W,<br>P71037W,<br>P71271W,<br>P71710W,<br>P73789W | 6/28/1972,<br>8/29/1985,<br>8/29/1985,<br>12/16/1985,<br>5/21/1986 | UNA                 | IND then<br>MIS,MUN<br>then MIS | 2084               | 345            | 152             | 173-2059                                          | 27       | 91          | 19          | SWSW          | 3                               |
| BATTLE SPRING WATER<br>SUPPLY #6      | AMOCO PRODUCTION COMPANY** UNITED<br>STATES GOVERNMENT            | P26762W,<br>P71040W,<br>P71274W,<br>P71713W,<br>P73792W | 5/8/1974,<br>8/29/1985,<br>8/29/1985,<br>12/16/1985,<br>5/21/1986  | UNA                 | IND then<br>MIS,MUN<br>then MIS | 2010               | 588            | 132             | 45 <del>4</del> -1991                             | 27       | 92          | 24          | SESW          | 3                               |
| BATTLE SPRINGS WATER<br>SUPPLY #8     | AMOCO PRODUCTION COMPANY** UNITED<br>STATES GOVERNMENT            | P26764W,<br>P71041W,<br>P71275W,<br>P71714W,<br>P73793W | 5/8/1974,<br>8/29/1985,<br>8/29/1985,<br>12/16/1985,<br>5/21/1986  | UNA                 | IND then<br>MIS,MUN<br>then MIS | 2002               | 513            | 112             | 507-1950                                          | 27       | 91          | 31          | NENW          | 2                               |
| BE-007/P10                            | KENNECUTT URANIUM COMPANY** Bureau of<br>Land Management          | P181643W                                                | 6/8/2007                                                           | UNA                 | MIS                             |                    |                |                 |                                                   | · 27     | 91          | 31          | SESW          | 1                               |
| 8E-008/P-5                            | KENNECUTT URANIUM COMPANY** Bureau of<br>Land Management          | P181666W                                                | 6/8/2007                                                           | UNA                 | TST                             |                    |                |                 |                                                   | 27       | 91          | 31          | SWSE          | 1                               |
| BE-009/P-3                            | KENNECUTT URANIUM COMPANY** Bureau of<br>Land Management          | P181664W                                                | 6/8/2007                                                           | UNA                 | TST                             |                    |                |                 |                                                   | 27       | 91          | 31          | SWSE          | 1                               |
| BE-10/P-4                             | KENNECUTT URANIUM COMPANY** Bureau of<br>Land Management          | P181665W                                                | 6/8/2007                                                           | UNA                 | गडा                             |                    |                |                 |                                                   | 27       | 91          | 31          | SWSE          | 1                               |
| BRB WATER WELL #1                     | ENCANA OIL & GAS (USA) INC.** USDI,<br>BUREAU OF LAND MANAGEMENT  | P169632W                                                | 9/2/2005                                                           | GSI                 | MIS                             | 680                |                |                 | 350-680                                           | 27       | 92          | 26          | SESW          | 2                               |
| CROOKS MTN. WELL #2<br>#0787          | USDI BLM                                                          | P12426P                                                 | 2/10/1966                                                          | ങ                   | sto                             | 250                | 25             | 3               |                                                   | 27       | 93          | 28          | SWSW          | 3                               |
| EAGLE WATER WELL #1                   | SOUTH WESTERN ENERGY                                              | P165566W                                                | 3/8/2005                                                           | ସ୍ଥୋ                | MIS                             | 570                | 100            | 300             | 330-530                                           | 26       | 91          | 31          | SESW          | 3                               |
| GRYNBERG WELL #4542                   | USDI BLM, RAWLINS DISTRICT                                        | P26861W                                                 | 5/30/1974                                                          | GST                 | STO                             | 300                | 25             | 5               | 188-305                                           | 26       | 94          | 5           | NESE          | 2                               |
| LC 129W                               | UNC TETON EXPLORATION DRILLING INC.                               | P14833W                                                 | 7/3/1972                                                           |                     | IND                             | 365                | 10             | 310             | 305-365                                           | 26       | 95          | 1           | SWNW          | 3                               |
| LC-253M - LC-259M                     | UNC TETON EXPLORATION DRILLING INC.                               | P49869W                                                 | 5/16/1979                                                          | GST                 | MON                             | 421                | 0              | 35              | 324-334,<br>356-362,<br>390-400                   | 26       | 95          | 1           | NWNW          | 3                               |
| LS5021M                               | NFU WYOMING LLC                                                   | P175032W                                                | 6/6/2006                                                           | GSI                 | MON                             |                    |                |                 |                                                   | 26       | 91          | 18          | NWNW          | 1                               |
| MAPCO WHISKEY PEAK<br>UNIT #1-33      | INC. MAPCO                                                        | P28783W                                                 | 11/29/1974                                                         |                     | IND,MIS                         | 500                | 25             | 30              | 180-480                                           | 27       | 91          | 33          | SWSE          | 3                               |
| MCKAY RESERVOIR 1-35E<br>WATER WELL   | EOG RESOURCES, INC.                                               | P184330W                                                | 12/12/2007                                                         | UNA                 | MIS                             |                    |                |                 |                                                   | 27       | 95          | 35          | NWNW          | 3                               |
| NH 1 W                                | NFU Wyoming, LLC                                                  | P186065W                                                | 3/21/2008                                                          | UNA                 | MIS                             |                    |                |                 |                                                   | 26       | 91          | 5           | NESE          | 2                               |
| OSBORNE #1                            | SUN LAND/CATTLE CO.                                               | P8444P                                                  | 12/31/1946                                                         | GST                 | STO                             | 280                | 10             | 250             | 250-280                                           | 26       | 92          | 27          | SWSE          | 2                               |
| OSBOURNE DRAW WELL<br>#123            | USDI BLM, RAWLINS DISTRICT                                        | P10696P                                                 | 1/10/1942                                                          | GST                 | STO                             | 237                | 5              | -1              | ×                                                 | 26       | 92          | 27          | NESW          | 2                               |
| PAPPY DRAW 101-33E<br>WATER WELL      | EOG RESOURCES, INC** USDI, BUREAU OF<br>LAND MANAGEMENT           | P157245W                                                | 2/24/2004                                                          | GSE                 | MIS                             |                    |                |                 |                                                   | 27       | 93          | 33          | NENE          | 3                               |
| PIPELINE                              | USDI BLM, RAWLINS DISTRICT                                        | P55116W                                                 | 12/24/1980                                                         | GST                 | STO                             | 420                | 5              | 281             | 378-400                                           | 26       | 91          | 8           | NENW          | 2                               |
| PIPELINE ROAD WELL #2                 | BUREAU OF LAND MANAGEMENT                                         | P162674W                                                | 9/21/2004                                                          | GSI                 | <b>ऽ</b> रा०                    |                    |                |                 |                                                   | 26       | 91          | 5           | NWSE          | 2                               |
| POWERLINE                             | USDI BLM, RAWLINS DISTRICT                                        | P55118W                                                 | 12/24/1980                                                         | GST                 | ѕто                             | 345                | 5              | 207             | 260-340                                           | 26       | 91          | 20          | SESW          | 3                               |
| RALPH E MURPHY ET AL<br>WATER WELL #1 | CARTER OIL COMPANY                                                | P433G                                                   | 2/24/1956                                                          | UNA                 | IND                             | 260                | 33             | 65              |                                                   | 26       | 94          | 17          | NWNW          | 1                               |
|                                       |                                                                   | · · · · · · · · · · · · · · · · · · ·                   | i i                                                                |                     |                                 |                    |                |                 |                                                   |          |             |             |               |                                 |

1. Status Codes: UNA = Unadjudicated, GST = Good Standing, GSE = Good Standing permitted time limits have been Extended, , GSI = Good Standing Incomplete-required notices not received-not yet expired.

UNA

285

50

60

IND

5/28/1956

2. Use Codes: IND = Industrial, STO = Stock, MIS = Miscellaneous, TST = Test, MON = Monitoring, DOM = Domestic, MUN = Municipal

CARTER OIL COMPANY

3. Buffer Distance (Distance from NOI Boundary): 1 = Well is within 1 mile, 2 = Well is between 1 and 2 miles, 3 = Well is between 2 and 3 miles

P446G

ę,

RALPH E MURPHY ET AL WATER WELL#2

26

94

# 3.4 -E2

NWNW

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