



Inter-Mountain Labs
Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -

Page **1** of **2**
155320

All shaded fields must be completed.
This is a legal document: any misrepresentation may be construed as fraud.

| | | | |
|--|---|---|------------------------------------|
| Client Name Camaco Resources | Project Identification M U 1 Bwells | Sampler (Signature/Attestation of Authenticity) Kath Ames | Telephone # 307 358 6541 |
| Report Address P.O. Box 1210 Glenrock WY 82637 | Contact Name Larry Wilbanks | ANALYSES / PARAMETERS | |
| Invoice Address Same | Email Larry.Wilbanks@camaco.com | | |
| | Phone 307 358 6541 x 927 | | |
| | Purchase Order # | Quote # | |

| ITEM | LAB ID (Lab Use Only) | DATE SAMPLED | TIME SAMPLED | SAMPLE IDENTIFICATION | Matrix | # of Containers | ANALYSES / PARAMETERS | | | | | | | | | | REMARKS | | | | |
|------|--------------------------|-----------------|-----------------|--------------------------|--------|--------------------|-----------------------|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | |
| 1 | 51412261-001 | 12/5/14 | 855 | B-001 | WT | 7 | | | | | | | | | | | | | | | |
| 2 | 002 | | 858 | B-002 | | | | | | | | | | | | | | | | | |
| 3 | 003 | | 901 | B-003 | | | | | | | | | | | | | | | | | |
| 4 | 004 | | 800 | B-004 | | | | | | | | | | | | | | | | | |
| 5 | 005 | | 803 | B-005 | | | | | | | | | | | | | | | | | |
| 6 | 006 | | 806 | B-006 | | | | | | | | | | | | | | | | | |
| 7 | 007 | | 10 14 | B-007 | | | | | | | | | | | | | | | | | |
| 8 | 008 | | 10 50 | B-008 | | | | | | | | | | | | | | | | | |
| 9 | 009 | | 10 53 | B-009 | | | | | | | | | | | | | | | | | |
| 10 | 010 | | 12 06 | B-010 | | | | | | | | | | | | | | | | | |
| 11 | 011 | | 12 51 | B-011 | | | | | | | | | | | | | | | | | |
| 12 | 012 | | 02 54 | B-012 | | | | | | | | | | | | | | | | | |
| 13 | 013 | | 1 36 | B-013 | | | | | | | | | | | | | | | | | |
| 14 | 014 | | 1 39 | B-014 | | | | | | | | | | | | | | | | | |

| LAB COMMENTS | Relinquished By (Signature/Printed) | DATE | TIME | Received By (Signature/Printed) | DATE | TIME |
|--------------|-------------------------------------|----------|------|---------------------------------|----------|-------|
| | <i>Kath Ames</i> Kath Ames | 12/15/14 | 300 | <i>Ken Carouite</i> KEN CAROUIE | 12/15/14 | 1400 |
| | <i>Ken Carouite</i> Ken Carouite | 12/15/14 | 1625 | <i>Kathy Boyd</i> Kathy Boyd | 12.16.14 | 12:40 |

| | | | | |
|--|--|--|--|---------------------------|
| SHIPPING INFO | MATRIX CODES | TURNAROUND TIMES | COMPLIANCE INFORMATION | ADDITIONAL REMARKS |
| <input type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input checked="" type="checkbox"/> Hand Carried <input type="checkbox"/> Other _____ | Water WT Soil SL Solid SD Filter FT Other OT | <input type="checkbox"/> Check desired service <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH - 5 Working Days <input type="checkbox"/> URGENT - < 2 Working Days <i>Rush & Urgent Surcharges will be applied</i> | Compliance Monitoring? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Program (SDWA, NPDES,...) PWSID / Permit # _____ Chlorinated? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Sample Disposal: Lab _____ Client _____ | |



Inter-Mountain Labs
Sheridan, WY and Gillette, WY

- CHAIN OF CUSTODY RECORD -

Page **2** of **2**

All shaded fields must be completed.
This is a legal document: any misrepresentation may be construed as fraud.

155319

| | | | |
|---------------------------------------|--|---|------------------------------------|
| Client Name Comco Resources | Project Identification MU 1 Bwells | Sampler (Signature/Attestation of Authenticity) Kath Amos | Telephone # 307 358 6514 |
|---------------------------------------|--|---|------------------------------------|

| | | |
|---|--|-----------------------|
| Report Address PO Box 1210 Glenrock, WY 82637 | Contact Name Larry Wilbanks | ANALYSES / PARAMETERS |
| Invoice Address same | Email Larry.Wilbanks@comco.com | |
| | Phone 307 358 6541 x 427 | |
| | Purchase Order # Quote # | |

| ITEM | LAB ID (Lab Use Only) | DATE SAMPLED | TIME SAMPLED | SAMPLE IDENTIFICATION | Matrix | # of Containers | ANALYSES / PARAMETERS | | | | | | | | | | | | | |
|------|--------------------------|-----------------|-----------------|--------------------------|-----------|--------------------|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | |
| 1 | S1412241015 | 12/5/14 | 933 | B-015 | WT | 1 | | | | | | | | | | | | | | |
| 2 | 016 | | 1017 | B-016 | | | | | | | | | | | | | | | | |
| 3 | 017 | | 1105 | B-017 | | | | | | | | | | | | | | | | |
| 4 | 018 | | 1257 | B-018 | | | | | | | | | | | | | | | | |
| 5 | 019 | | 930 | B-019 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |

| LAB COMMENTS | Relinquished By (Signature/Printed) | | DATE | TIME | Received By (Signature/Printed) | | DATE | TIME |
|--------------|-------------------------------------|---------------------|------------------|----------------|---------------------------------|---------------------|---------------------|----------------|
| | | Kath Amos | Kath Amos | 12/5/14 | 360 | Ken Garouite | Ken Garouite | 12/5/14 |
| | | Ken Garouite | 12/5/14 | 1625 | Kathy BSHP | | 12.16.14 | 12:40 |

| SHIPPING INFO | MATRIX CODES | TURNAROUND TIMES | COMPLIANCE INFORMATION | ADDITIONAL REMARKS |
|--|--|---|--|--------------------|
| <input type="checkbox"/> UPS <input type="checkbox"/> Fed Express <input type="checkbox"/> US Mail <input checked="" type="checkbox"/> Hand Carried <input type="checkbox"/> Other _____ | Water WT Soil SL Solid SD Filter FT Other OT | Check desired service <input checked="" type="checkbox"/> Standard turnaround <input type="checkbox"/> RUSH - 5 Working Days <input type="checkbox"/> URGENT - < 2 Working Days <i>Rush & Urgent Surcharges will be applied</i> | Compliance Monitoring? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Program (SDWA, NPDES,...) PWSID / Permit # _____ Chlorinated? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Sample Disposal: Lab _____ Client _____ | |



Date: 1/20/2015

CLIENT: Power Resources (Cameco)
Project: MU1 B Wells
Lab Order: S1412261

CASE NARRATIVE
Report ID: S1412261001

Samples B-001, B-002, B-003, B-004, B-005, B-006, B-007, B-008, B-009, B-010, B-011, B-012, B-013, B-014, B-015, B-016, B-017, B-018, and B-019 were received on December 16, 2014.

All samples were received and analyzed within the EPA recommended holding times, except those noted below in this case narrative. Samples were analyzed using the methods outlined in the following references:

"Standard Methods For The Examination of Water and Wastewater", approved method versions
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition
40 CFR Parts 136 and 141
40 CFR Part 50, Appendices B, J, L, and O
Methods indicated in the Methods Update Rule published in the Federal Register Friday, May 18, 2012
ASTM approved and recognized standards

All Quality Control parameters met the acceptance criteria defined by EPA and Inter-Mountain Laboratories except as indicated in this case narrative.

Reviewed by:

Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-001
ClientSample ID: B-001
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:55:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

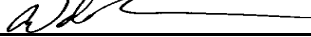
Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 96 | mg/L | | 5 | SM 2320B | 12/16/2014 1648 | BT |
| Alkalinity, Bicarbonate as HCO3 | 117 | mg/L | | 5 | SM 2320B | 12/16/2014 1648 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1648 | BT |
| Chloride | 7 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1201 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1648 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1609 | AMB |
| Sulfate | 42 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1201 | AB |
| Calcium | 31 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1502 | DG |
| Magnesium | 8 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1502 | DG |
| Potassium | 5 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1502 | DG |
| Sodium | 11 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1502 | DG |
| Nitrogen, Ammonia (As N) | 0.4 | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1541 | AMB |
| Silica as SiO2 | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1502 | DG |
| General Parameters | | | | | | | |
| pH | 7.4 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1648 | BT |
| Electrical Conductivity | 329 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1648 | BT |
| Total Dissolved Solids (180) | 200 | mg/L | | 10 | SM 2540 | 12/16/2014 1733 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 2.86 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 2.98 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 1.95 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 170 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.18 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-001
ClientSample ID: B-001
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:55:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|--------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1502 DG |
| Arsenic | 0.012 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2332 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2332 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1502 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1502 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2332 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1502 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2332 MS |
| Iron | 2.22 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1502 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2332 MS |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1502 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 826 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2332 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1502 DG |
| Selenium | 0.004 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2332 MS |
| Uranium | 0.0206 | mg/L | | 0.0003 | EPA 200.8 | 12/16/2014 2332 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2332 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1502 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 2.52 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1122 DG |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1122 DG |

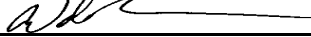
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|-----|-------|--|-----|--------------|--------------------|
| Gross Alpha | 426 | pCi/L | | 2 | SM 7110B | 12/29/2014 1640 MB |
| Gross Alpha Precision (±) | 8.3 | pCi/L | | | SM 7110B | 12/29/2014 1640 MB |
| Gross Beta | 256 | pCi/L | | 3 | SM 7110B | 12/29/2014 1640 MB |
| Gross Beta Precision (±) | 5.1 | pCi/L | | | SM 7110B | 12/29/2014 1640 MB |
| Radium 226 | 120 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 226 Precision (±) | 1.3 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 228 | 7.7 | pCi/L | | 1 | Ga-Tech | 01/03/2015 1615 MB |
| Radium 228 Precision (±) | 1.6 | pCi/L | | | Ga-Tech | 01/03/2015 1615 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-002
ClientSample ID: B-002
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:58:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-002
ClientSample ID: B-002
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:58:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1504 DG |
| Arsenic | 0.005 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2337 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2337 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1504 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1504 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2337 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1504 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2337 MS |
| Iron | 0.63 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1504 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2337 MS |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1504 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 834 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2337 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1504 DG |
| Selenium | 0.033 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2337 MS |
| Uranium | 2.28 | mg/L | | 0.0003 | EPA 200.8 | 12/16/2014 2337 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2337 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1504 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 0.61 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1142 DG |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1142 DG |

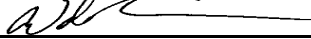
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 2080 | pCi/L | | 2 | SM 7110B | 12/29/2014 1640 MB |
| Gross Alpha Precision (±) | 21.1 | pCi/L | | | SM 7110B | 12/29/2014 1640 MB |
| Gross Beta | 1370 | pCi/L | | 3 | SM 7110B | 12/29/2014 1640 MB |
| Gross Beta Precision (±) | 12.6 | pCi/L | | | SM 7110B | 12/29/2014 1640 MB |
| Radium 226 | 627 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 226 Precision (±) | 3.0 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 228 | 5.9 | pCi/L | | 1 | Ga-Tech | 01/03/2015 1915 MB |
| Radium 228 Precision (±) | 2.2 | pCi/L | | | Ga-Tech | 01/03/2015 1915 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-003
ClientSample ID: B-003
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:01:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

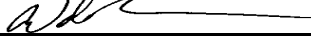
Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 133 | mg/L | | 5 | SM 2320B | 12/16/2014 1733 | BT |
| Alkalinity, Bicarbonate as HCO3 | 162 | mg/L | | 5 | SM 2320B | 12/16/2014 1733 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1733 | BT |
| Chloride | 6 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1234 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1733 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1612 | AMB |
| Sulfate | 104 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1234 | AB |
| Calcium | 55 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Magnesium | 14 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Potassium | 7 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Sodium | 14 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1543 | AMB |
| Silica as SiO2 | 14 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1508 | DG |
| General Parameters | | | | | | | |
| pH | 7.3 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1733 | BT |
| Electrical Conductivity | 499 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1733 | BT |
| Total Dissolved Solids (180) | 320 | mg/L | | 10 | SM 2540 | 12/16/2014 1735 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 4.67 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 4.99 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 3.32 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 290 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.10 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-003
ClientSample ID: B-003
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:01:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|----------------------------------|--------|-------|------|--------|--------------|--------------------|----|
| Metals - Dissolved | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Arsenic | 0.018 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2343 | MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2343 | MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1508 | DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1508 | DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2343 | MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1508 | DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2343 | MS |
| Iron | 5.51 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1508 | DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2343 | MS |
| Manganese | 0.15 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1508 | DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 836 | AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2343 | MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1508 | DG |
| Selenium | 0.087 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2343 | MS |
| Uranium | 0.228 | mg/L | | 0.0003 | EPA 200.8 | 12/16/2014 2343 | MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2343 | MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1508 | DG |
| Metals - Total | | | | | | | |
| Iron | 5.52 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1152 | DG |
| Manganese | 0.15 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1152 | DG |
| Radionuclides - Dissolved | | | | | | | |
| Gross Alpha | 2140 | pCi/L | | 2 | SM 7110B | 12/29/2014 1640 | MB |
| Gross Alpha Precision (±) | 22.1 | pCi/L | | | SM 7110B | 12/29/2014 1640 | MB |
| Gross Beta | 1060 | pCi/L | | 3 | SM 7110B | 12/29/2014 1640 | MB |
| Gross Beta Precision (±) | 11.2 | pCi/L | | | SM 7110B | 12/29/2014 1640 | MB |
| Radium 226 | 406 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 | MB |
| Radium 226 Precision (±) | 2.4 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 | MB |
| Radium 228 | 4.9 | pCi/L | | 1 | Ga-Tech | 01/03/2015 2216 | MB |
| Radium 228 Precision (±) | 1.8 | pCi/L | | | Ga-Tech | 01/03/2015 2216 | MB |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-004
ClientSample ID: B-004
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:00:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 147 | mg/L | | 5 | SM 2320B | 12/16/2014 1745 | BT |
| Alkalinity, Bicarbonate as HCO3 | 179 | mg/L | | 5 | SM 2320B | 12/16/2014 1745 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1745 | BT |
| Chloride | 7 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1251 | AB |
| Fluoride | 0.1 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1745 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1613 | AMB |
| Sulfate | 126 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1251 | AB |
| Calcium | 62 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1522 | DG |
| Magnesium | 15 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1522 | DG |
| Potassium | 6 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1522 | DG |
| Sodium | 19 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1522 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1544 | AMB |
| Silica as SiO2 | 11 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1522 | DG |
| General Parameters | | | | | | | |
| pH | 7.4 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1745 | BT |
| Electrical Conductivity | 543 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1745 | BT |
| Total Dissolved Solids (180) | 360 | mg/L | | 10 | SM 2540 | 12/16/2014 1736 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 5.35 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 5.77 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 3.81 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 340 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.06 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-004
ClientSample ID: B-004
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:00:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init

Metals - Dissolved

Table listing various metals (Aluminum, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc) with their respective results, units, and reporting limits.

Metals - Total

Table listing total metals (Iron, Manganese) with their respective results and reporting limits.

Radionuclides - Dissolved

Table listing radionuclides (Gross Alpha, Gross Alpha Precision, Gross Beta, Gross Beta Precision, Radium 226, Radium 226 Precision, Radium 228, Radium 228 Precision) with their respective results, units, and reporting limits.

These results apply only to the samples tested.

RL - Reporting Limit

Table defining qualifiers (B, E, J, M, O, X) and reporting limit codes (C, H, L, ND, S) with their corresponding meanings.

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-005
ClientSample ID: B-005
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:03:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

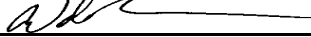
| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 109 | mg/L | | 5 | SM 2320B | 12/16/2014 1757 | BT |
| Alkalinity, Bicarbonate as HCO3 | 134 | mg/L | | 5 | SM 2320B | 12/16/2014 1757 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1757 | BT |
| Chloride | 8 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1307 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1757 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1615 | AMB |
| Sulfate | 43 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1307 | AB |
| Calcium | 38 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1524 | DG |
| Magnesium | 9 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1524 | DG |
| Potassium | 5 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1524 | DG |
| Sodium | 9 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1524 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1551 | AMB |
| Silica as SiO2 | 12 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1524 | DG |
| General Parameters | | | | | | | |
| pH | 7.6 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1757 | BT |
| Electrical Conductivity | 339 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1757 | BT |
| Total Dissolved Solids (180) | 210 | mg/L | | 10 | SM 2540 | 12/16/2014 1737 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 3.17 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 3.32 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 2.30 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 190 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.11 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-005
ClientSample ID: B-005
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:03:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1524 DG |
| Arsenic | 0.005 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2354 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2354 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1524 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1524 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2354 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1524 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2354 MS |
| Iron | 0.59 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1524 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2354 MS |
| Manganese | 0.06 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1524 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 844 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/16/2014 2354 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1524 DG |
| Selenium | 0.060 | mg/L | | 0.001 | EPA 200.8 | 12/16/2014 2354 MS |
| Uranium | 0.242 | mg/L | | 0.0003 | EPA 200.8 | 12/16/2014 2354 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/16/2014 2354 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1524 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 0.61 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1157 DG |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1157 DG |

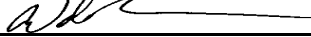
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 609 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 10.1 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 263 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 5.2 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 241 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 226 Precision (±) | 1.8 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 228 | 4.1 | pCi/L | | 1 | Ga-Tech | 01/04/2015 418 MB |
| Radium 228 Precision (±) | 1.5 | pCi/L | | | Ga-Tech | 01/04/2015 418 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-006
ClientSample ID: B-006
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:06:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 158 | mg/L | | 5 | SM 2320B | 12/16/2014 1809 | BT |
| Alkalinity, Bicarbonate as HCO3 | 192 | mg/L | | 5 | SM 2320B | 12/16/2014 1809 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1809 | BT |
| Chloride | 13 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1324 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1809 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1616 | AMB |
| Sulfate | 119 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1324 | AB |
| Calcium | 66 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1526 | DG |
| Magnesium | 17 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1526 | DG |
| Potassium | 7 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1526 | DG |
| Sodium | 17 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1526 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1552 | AMB |
| Silica as SiO2 | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1526 | DG |
| General Parameters | | | | | | | |
| pH | 7.4 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1809 | BT |
| Electrical Conductivity | 577 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1809 | BT |
| Total Dissolved Solids (180) | 370 | mg/L | | 10 | SM 2540 | 12/16/2014 1738 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 5.60 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 6.01 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 3.52 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 350 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.06 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-006
ClientSample ID: B-006
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 8:06:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1526 DG |
| Arsenic | 0.008 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 026 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 026 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1526 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1526 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 026 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1526 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 026 MS |
| Iron | 4.74 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1526 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 026 MS |
| Manganese | 0.10 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1526 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 851 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 026 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1526 DG |
| Selenium | 0.019 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 026 MS |
| Uranium | 1.13 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 026 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 026 MS |
| Zinc | 0.02 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1526 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 5.37 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1159 DG |
| Manganese | 0.11 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1159 DG |

Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1590 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 17.5 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 799 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 9.0 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 502 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 226 Precision (±) | 2.6 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 228 | 6.7 | pCi/L | | 1 | Ga-Tech | 01/04/2015 719 MB |
| Radium 228 Precision (±) | 1.9 | pCi/L | | | Ga-Tech | 01/04/2015 719 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-007
ClientSample ID: B-007
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:14:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-007
ClientSample ID: B-007
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:14:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init

Metals - Dissolved

Table listing various metals (Aluminum, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc) with their respective results, units, and reporting limits.

Metals - Total

Table listing total metals (Iron, Manganese) with their results and reporting limits.

Radionuclides - Dissolved

Table listing radionuclides (Gross Alpha, Gross Beta, Radium 226, Radium 228) with their results, units, and reporting limits.

These results apply only to the samples tested.

RL - Reporting Limit

Table defining qualifiers (B, E, J, M, O, X) and reporting limit codes (C, H, L, ND, S) with their corresponding meanings.

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-008
ClientSample ID: B-008
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:50:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-008
ClientSample ID: B-008
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:50:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1530 DG |
| Arsenic | 0.013 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 042 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 042 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1530 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1530 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 042 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1530 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 042 MS |
| Iron | 1.14 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1530 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 042 MS |
| Manganese | 0.07 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1530 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 855 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 042 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1530 DG |
| Selenium | 0.047 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 042 MS |
| Uranium | 0.892 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 042 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 042 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1530 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 1.86 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1210 DG |
| Manganese | 0.07 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1210 DG |

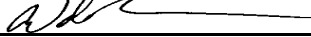
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1520 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 17.7 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 686 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 8.9 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 403 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 226 Precision (±) | 2.4 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 908 MB |
| Radium 228 | 3.5 | pCi/L | | 1 | Ga-Tech | 01/04/2015 1321 MB |
| Radium 228 Precision (±) | 1.8 | pCi/L | | | Ga-Tech | 01/04/2015 1321 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-009
ClientSample ID: B-009
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:53:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-009
ClientSample ID: B-009
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:53:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1533 DG |
| Arsenic | 0.009 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 047 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 047 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1533 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1533 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 047 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1533 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 047 MS |
| Iron | 2.05 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1533 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 047 MS |
| Manganese | 0.11 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1533 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 857 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 047 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1533 DG |
| Selenium | 0.005 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 047 MS |
| Uranium | 1.11 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 047 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 047 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1533 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 2.29 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1213 DG |
| Manganese | 0.11 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1213 DG |

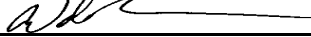
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1080 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 15.5 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 442 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 7.2 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 246 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 1.8 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | 3.1 | pCi/L | | 1 | Ga-Tech | 01/04/2015 1622 MB |
| Radium 228 Precision (±) | 1.4 | pCi/L | | | Ga-Tech | 01/04/2015 1622 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-010
ClientSample ID: B-010
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:06:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-010
ClientSample ID: B-010
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:06:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|----------------------------------|--------|-------|------|--------|--------------|--------------------|----|
| Metals - Dissolved | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1537 | DG |
| Arsenic | 0.004 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 053 | MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 053 | MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1537 | DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1537 | DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 053 | MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1537 | DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 053 | MS |
| Iron | 0.42 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1537 | DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 053 | MS |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1537 | DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 859 | AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 053 | MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1537 | DG |
| Selenium | 0.065 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 053 | MS |
| Uranium | 1.25 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 053 | MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 053 | MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1537 | DG |
| Metals - Total | | | | | | | |
| Iron | 0.43 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1215 | DG |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1215 | DG |
| Radionuclides - Dissolved | | | | | | | |
| Gross Alpha | 1220 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 | MB |
| Gross Alpha Precision (±) | 16.7 | pCi/L | | | SM 7110B | 01/06/2015 1636 | MB |
| Gross Beta | 554 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 | MB |
| Gross Beta Precision (±) | 8.1 | pCi/L | | | SM 7110B | 01/06/2015 1636 | MB |
| Radium 226 | 275 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 | MB |
| Radium 226 Precision (±) | 1.9 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 | MB |
| Radium 228 | 2.4 | pCi/L | | 1 | Ga-Tech | 01/04/2015 1923 | MB |
| Radium 228 Precision (±) | 1.6 | pCi/L | | | Ga-Tech | 01/04/2015 1923 | MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | |
|--------------------|--|--|
| Qualifiers: | B Analyte detected in the associated Method Blank | C Calculated Value |
| | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below quantitation limits | L Analyzed by a contract laboratory |
| | M Value exceeds Monthly Ave or MCL or is less than LCL | ND Not Detected at the Reporting Limit |
| | O Outside the Range of Dilutions | S Spike Recovery outside accepted recovery limits |
| | X Matrix Effect | |

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-011
ClientSample ID: B-011
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:51:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

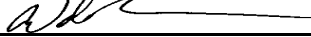
| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 166 | mg/L | | 5 | SM 2320B | 12/16/2014 1935 | BT |
| Alkalinity, Bicarbonate as HCO3 | 202 | mg/L | | 5 | SM 2320B | 12/16/2014 1935 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 1935 | BT |
| Chloride | 13 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1610 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 1935 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1633 | AMB |
| Sulfate | 69 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1610 | AB |
| Calcium | 60 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1550 | DG |
| Magnesium | 14 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1550 | DG |
| Potassium | 7 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1550 | DG |
| Sodium | 12 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1550 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1557 | AMB |
| Silica as SiO2 | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1550 | DG |
| General Parameters | | | | | | | |
| pH | 7.8 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 1935 | BT |
| Electrical Conductivity | 488 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 1935 | BT |
| Total Dissolved Solids (180) | 320 | mg/L | | 10 | SM 2540 | 12/16/2014 1744 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 4.85 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 5.12 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 2.65 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 290 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.10 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-011
ClientSample ID: B-011
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:51:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1550 DG |
| Arsenic | 0.002 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 058 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 058 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1550 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1550 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 058 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1550 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 058 MS |
| Iron | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1550 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 058 MS |
| Manganese | 0.04 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1550 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 901 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 058 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1550 DG |
| Selenium | 0.023 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 058 MS |
| Uranium | 1.50 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 058 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 058 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1550 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 0.23 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1217 DG |
| Manganese | 0.04 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1217 DG |

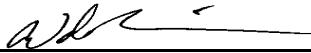
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1270 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 16.7 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 572 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 8.1 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 215 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 1.7 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | ND | pCi/L | | 1 | Ga-Tech | 01/04/2015 2224 MB |
| Radium 228 Precision (±) | NA | pCi/L | | | Ga-Tech | 01/04/2015 2224 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | |
|--------------------|--|--|
| Qualifiers: | B Analyte detected in the associated Method Blank | C Calculated Value |
| | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below quantitation limits | L Analyzed by a contract laboratory |
| | M Value exceeds Monthly Ave or MCL or is less than LCL | ND Not Detected at the Reporting Limit |
| | O Outside the Range of Dilutions | S Spike Recovery outside accepted recovery limits |
| | X Matrix Effect | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-012
ClientSample ID: B-012
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:54:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-012
ClientSample ID: B-012
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:54:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | | |
|------------|-------|------|--|--------|-----------|-----------------|----|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1552 | DG |
| Arsenic | 0.005 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 104 | MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 104 | MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1552 | DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1552 | DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 104 | MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1552 | DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 104 | MS |
| Iron | 2.24 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1552 | DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 104 | MS |
| Manganese | 0.07 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1552 | DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 903 | AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 104 | MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1552 | DG |
| Selenium | 0.018 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 104 | MS |
| Uranium | 0.215 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 104 | MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 104 | MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1552 | DG |

Metals - Total

| | | | | | | | |
|-----------|------|------|--|------|-----------|-----------------|----|
| Iron | 5.86 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1222 | DG |
| Manganese | 0.08 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1222 | DG |

Radionuclides - Dissolved

| | | | | | | | |
|---------------------------|------|-------|--|-----|--------------|-----------------|----|
| Gross Alpha | 706 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 | MB |
| Gross Alpha Precision (±) | 12.1 | pCi/L | | | SM 7110B | 01/06/2015 1636 | MB |
| Gross Beta | 360 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 | MB |
| Gross Beta Precision (±) | 6.5 | pCi/L | | | SM 7110B | 01/06/2015 1636 | MB |
| Radium 226 | 272 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 | MB |
| Radium 226 Precision (±) | 1.9 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 | MB |
| Radium 228 | 6.9 | pCi/L | | 1 | Ga-Tech | 01/05/2015 124 | MB |
| Radium 228 Precision (±) | 1.5 | pCi/L | | | Ga-Tech | 01/05/2015 124 | MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-013
ClientSample ID: B-013
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 1:36:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 185 | mg/L | | 5 | SM 2320B | 12/16/2014 2010 | BT |
| Alkalinity, Bicarbonate as HCO3 | 226 | mg/L | | 5 | SM 2320B | 12/16/2014 2010 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2010 | BT |
| Chloride | 15 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1643 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2010 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1636 | AMB |
| Sulfate | 134 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1643 | AB |
| Calcium | 85 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1555 | DG |
| Magnesium | 21 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1555 | DG |
| Potassium | 8 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1555 | DG |
| Sodium | 15 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1555 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1559 | AMB |
| Silica as SiO2 | 12 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1555 | DG |
| General Parameters | | | | | | | |
| pH | 7.6 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2010 | BT |
| Electrical Conductivity | 692 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2010 | BT |
| Total Dissolved Solids (180) | 460 | mg/L | | 10 | SM 2540 | 12/16/2014 1746 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 6.88 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 6.92 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 0.26 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 400 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.15 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL or is less than LCL
- O Outside the Range of Dilutions
- X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-013
ClientSample ID: B-013
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 1:36:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init

Metals - Dissolved

Table listing various metals (Aluminum, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Selenium, Uranium, Vanadium, Zinc) with their respective results, units, and reporting limits.

Metals - Total

Table listing total metals (Iron, Manganese) with their results and reporting limits.

Radionuclides - Dissolved

Table listing radionuclides (Gross Alpha, Gross Beta, Radium 226, Radium 228) with their results, units, and reporting limits.

These results apply only to the samples tested.

RL - Reporting Limit

Table defining qualifiers (B, E, J, M, O, X) and reporting limit codes (C, H, L, ND, S) with their corresponding meanings.

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-014
ClientSample ID: B-014
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 1:39:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 151 | mg/L | | 5 | SM 2320B | 12/16/2014 2022 | BT |
| Alkalinity, Bicarbonate as HCO3 | 184 | mg/L | | 5 | SM 2320B | 12/16/2014 2022 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2022 | BT |
| Chloride | 8 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1700 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2022 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1637 | AMB |
| Sulfate | 64 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1700 | AB |
| Calcium | 52 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1557 | DG |
| Magnesium | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1557 | DG |
| Potassium | 8 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1557 | DG |
| Sodium | 14 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1557 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1600 | AMB |
| Silica as SiO2 | 12 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1557 | DG |
| General Parameters | | | | | | | |
| pH | 7.7 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2022 | BT |
| Electrical Conductivity | 424 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2022 | BT |
| Total Dissolved Solids (180) | 290 | mg/L | | 10 | SM 2540 | 12/16/2014 1747 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 4.46 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 4.57 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 1.25 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 260 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.12 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-014
ClientSample ID: B-014
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 1:39:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1557 DG |
| Arsenic | 0.003 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 125 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 125 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1557 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1557 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 125 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1557 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 125 MS |
| Iron | 0.93 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1557 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 125 MS |
| Manganese | 0.06 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1557 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 907 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 125 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1557 DG |
| Selenium | 0.004 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 125 MS |
| Uranium | 0.509 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 125 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 125 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1557 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 1.09 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1231 DG |
| Manganese | 0.06 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1231 DG |

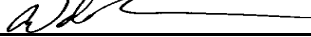
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1190 | pCi/L | | 2 | SM 7110B | 01/06/2015 1636 MB |
| Gross Alpha Precision (±) | 15.6 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta | 599 | pCi/L | | 3 | SM 7110B | 01/06/2015 1636 MB |
| Gross Beta Precision (±) | 8.4 | pCi/L | | | SM 7110B | 01/06/2015 1636 MB |
| Radium 226 | 382 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 2.3 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | 2.5 | pCi/L | | 1 | Ga-Tech | 01/05/2015 726 MB |
| Radium 228 Precision (±) | 1.8 | pCi/L | | | Ga-Tech | 01/05/2015 726 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-015
ClientSample ID: B-015
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:33:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Anions/Cations

| | | | | | | |
|----------------------------------|-----|------|--|-----|-----------|---------------------|
| Alkalinity, Total (As CaCO3) | 84 | mg/L | | 5 | SM 2320B | 12/16/2014 2034 BT |
| Alkalinity, Bicarbonate as HCO3 | 102 | mg/L | | 5 | SM 2320B | 12/16/2014 2034 BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2034 BT |
| Chloride | 12 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1716 AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2034 BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1639 AMB |
| Sulfate | 34 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1716 AB |
| Calcium | 29 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1559 DG |
| Magnesium | 6 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1559 DG |
| Potassium | 4 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1559 DG |
| Sodium | 9 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1559 DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1607 AMB |
| Silica as SiO2 | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1559 DG |

General Parameters

| | | | | | | |
|------------------------------|-----|----------|--|-----|-------------|--------------------|
| pH | 7.6 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2034 BT |
| Electrical Conductivity | 279 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2034 BT |
| Total Dissolved Solids (180) | 180 | mg/L | | 10 | SM 2540 | 12/16/2014 1748 IR |

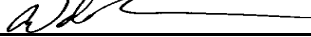
Data Quality

| | | | | | | |
|--------------------------------------|------|--------|--|------|-------------|--------------------|
| Cation Sum | 2.47 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 JJ |
| Anion Sum | 2.73 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 JJ |
| Cation-Anion Balance (± 5%) | 5.02 | % | | 0.01 | SM 1030E | 12/24/2014 1011 JJ |
| Solids, Total Dissolved (Calc) | 160 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.12 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 WN |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-015
ClientSample ID: B-015
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:33:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|--------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1559 DG |
| Arsenic | 0.026 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 131 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 131 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1559 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1559 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 131 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1559 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 131 MS |
| Iron | 1.42 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1559 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 131 MS |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1559 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 916 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 131 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1559 DG |
| Selenium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 131 MS |
| Uranium | 0.0783 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 131 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 131 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1559 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 2.23 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1240 DG |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1240 DG |

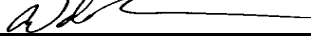
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 1160 | pCi/L | | 2 | SM 7110B | 01/07/2015 808 MB |
| Gross Alpha Precision (±) | 13.7 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Gross Beta | 543 | pCi/L | | 3 | SM 7110B | 01/07/2015 808 MB |
| Gross Beta Precision (±) | 7.2 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Radium 226 | 480 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 2.6 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | 9.4 | pCi/L | | 1 | Ga-Tech | 01/05/2015 1027 MB |
| Radium 228 Precision (±) | 1.9 | pCi/L | | | Ga-Tech | 01/05/2015 1027 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-016
ClientSample ID: B-016
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:17:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

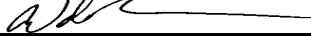
| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 131 | mg/L | | 5 | SM 2320B | 12/16/2014 2046 | BT |
| Alkalinity, Bicarbonate as HCO3 | 159 | mg/L | | 5 | SM 2320B | 12/16/2014 2046 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2046 | BT |
| Chloride | 12 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1733 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2046 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/17/2014 1640 | AMB |
| Sulfate | 80 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1733 | AB |
| Calcium | 51 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1601 | DG |
| Magnesium | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1601 | DG |
| Potassium | 7 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1601 | DG |
| Sodium | 11 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1601 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1608 | AMB |
| Silica as SiO2 | 13 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1601 | DG |
| General Parameters | | | | | | | |
| pH | 7.6 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2046 | BT |
| Electrical Conductivity | 453 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2046 | BT |
| Total Dissolved Solids (180) | 300 | mg/L | | 10 | SM 2540 | 12/16/2014 1749 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 4.26 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 4.62 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 4.00 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 270 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.11 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-016
ClientSample ID: B-016
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 10:17:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1601 DG |
| Arsenic | 0.008 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 152 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 152 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1601 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1601 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 152 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1601 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 152 MS |
| Iron | 4.49 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1601 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 152 MS |
| Manganese | 0.10 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1601 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 924 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 152 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1601 DG |
| Selenium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 152 MS |
| Uranium | 0.366 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 152 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 152 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1601 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 4.99 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1242 DG |
| Manganese | 0.10 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1242 DG |

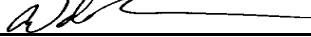
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|------|-------|--|-----|--------------|--------------------|
| Gross Alpha | 679 | pCi/L | | 2 | SM 7110B | 01/07/2015 808 MB |
| Gross Alpha Precision (±) | 11.1 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Gross Beta | 335 | pCi/L | | 3 | SM 7110B | 01/07/2015 808 MB |
| Gross Beta Precision (±) | 5.9 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Radium 226 | 250 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 1.9 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | 3.5 | pCi/L | | 1 | Ga-Tech | 01/05/2015 1328 MB |
| Radium 228 Precision (±) | 1.6 | pCi/L | | | Ga-Tech | 01/05/2015 1328 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-017
ClientSample ID: B-017
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 11:05:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 99 | mg/L | | 5 | SM 2320B | 12/16/2014 2058 | BT |
| Alkalinity, Bicarbonate as HCO3 | 121 | mg/L | | 5 | SM 2320B | 12/16/2014 2058 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2058 | BT |
| Chloride | 9 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1750 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2058 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/19/2014 1319 | AMB |
| Sulfate | 58 | mg/L | | 1 | EPA 300.0 | 12/17/2014 1750 | AB |
| Calcium | 39 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1606 | DG |
| Magnesium | 10 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1606 | DG |
| Potassium | 6 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1606 | DG |
| Sodium | 11 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1606 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1609 | AMB |
| Silica as SiO2 | 12 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1606 | DG |
| General Parameters | | | | | | | |
| pH | 7.7 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2058 | BT |
| Electrical Conductivity | 347 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2058 | BT |
| Total Dissolved Solids (180) | 220 | mg/L | | 10 | SM 2540 | 12/16/2014 1750 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 3.34 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 3.46 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 1.79 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 200 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.10 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - M Value exceeds Monthly Ave or MCL or is less than LCL
 - O Outside the Range of Dilutions
 - X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-017
ClientSample ID: B-017
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 11:05:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1606 DG |
| Arsenic | 0.020 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 157 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 157 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1606 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1606 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 157 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1606 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 157 MS |
| Iron | 1.15 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1606 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 157 MS |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1606 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 926 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 157 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1606 DG |
| Selenium | 0.002 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 157 MS |
| Uranium | 0.282 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 157 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 157 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1606 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 1.63 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1244 DG |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1244 DG |

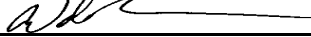
Radionuclides - Dissolved

| | | | | | | |
|---------------------------|-----|-------|--|-----|--------------|--------------------|
| Gross Alpha | 445 | pCi/L | | 2 | SM 7110B | 01/07/2015 808 MB |
| Gross Alpha Precision (±) | 8.8 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Gross Beta | 221 | pCi/L | | 3 | SM 7110B | 01/07/2015 808 MB |
| Gross Beta Precision (±) | 4.9 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Radium 226 | 137 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 226 Precision (±) | 1.4 | pCi/L | | | SM 7500 Ra-B | 01/06/2015 1114 MB |
| Radium 228 | 1.3 | pCi/L | | 1 | Ga-Tech | 01/13/2015 1705 MB |
| Radium 228 Precision (±) | 1.4 | pCi/L | | | Ga-Tech | 01/13/2015 1705 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | | | |
|--------------------|---|--|----|--|
| Qualifiers: | B | Analyte detected in the associated Method Blank | C | Calculated Value |
| | E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | J | Analyte detected below quantitation limits | L | Analyzed by a contract laboratory |
| | M | Value exceeds Monthly Ave or MCL or is less than LCL | ND | Not Detected at the Reporting Limit |
| | O | Outside the Range of Dilutions | S | Spike Recovery outside accepted recovery limits |
| | X | Matrix Effect | | |

Reviewed by: 
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-018
ClientSample ID: B-018
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:57:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

Table with 7 columns: Analyses, Result, Units, Qual, RL, Method, Date Analyzed/Init. Rows include Anions/Cations (Alkalinity, Chloride, etc.), General Parameters (pH, Conductivity), and Data Quality (Cation Sum, Anion Sum, etc.).

These results apply only to the samples tested.

RL - Reporting Limit

- Qualifiers: B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
M Value exceeds Monthly Ave or MCL or is less than LCL
O Outside the Range of Dilutions
X Matrix Effect

- C Calculated Value
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Reviewed by: [Signature]
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-018
ClientSample ID: B-018
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 12:57:00 PM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init |
|----------|--------|-------|------|----|--------|--------------------|
|----------|--------|-------|------|----|--------|--------------------|

Metals - Dissolved

| | | | | | | |
|------------|-------|------|--|--------|-----------|--------------------|
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1619 DG |
| Arsenic | 0.006 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 203 MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 203 MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1619 DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1619 DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 203 MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1619 DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 203 MS |
| Iron | 1.10 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1619 DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 203 MS |
| Manganese | 0.15 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1619 DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 928 AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 203 MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1619 DG |
| Selenium | 0.002 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 203 MS |
| Uranium | 0.178 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 203 MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 203 MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1619 DG |

Metals - Total

| | | | | | | |
|-----------|------|------|--|------|-----------|--------------------|
| Iron | 1.35 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1246 DG |
| Manganese | 0.14 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1246 DG |

Radionuclides - Dissolved

| | | | | | | |
|---------------------------|-----|-------|--|-----|--------------|--------------------|
| Gross Alpha | 455 | pCi/L | | 2 | SM 7110B | 01/07/2015 808 MB |
| Gross Alpha Precision (±) | 9.1 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Gross Beta | 223 | pCi/L | | 3 | SM 7110B | 01/07/2015 808 MB |
| Gross Beta Precision (±) | 4.9 | pCi/L | | | SM 7110B | 01/07/2015 808 MB |
| Radium 226 | 169 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/13/2015 1437 MB |
| Radium 226 Precision (±) | 1.5 | pCi/L | | | SM 7500 Ra-B | 01/13/2015 1437 MB |
| Radium 228 | ND | pCi/L | | 1 | Ga-Tech | 01/13/2015 2006 MB |
| Radium 228 Precision (±) | NA | pCi/L | | | Ga-Tech | 01/13/2015 2006 MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | |
|--------------------|--|--|
| Qualifiers: | B Analyte detected in the associated Method Blank | C Calculated Value |
| | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below quantitation limits | L Analyzed by a contract laboratory |
| | M Value exceeds Monthly Ave or MCL or is less than LCL | ND Not Detected at the Reporting Limit |
| | O Outside the Range of Dilutions | S Spike Recovery outside accepted recovery limits |
| | X Matrix Effect | |

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-019
ClientSample ID: B-019
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:30:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|--------------------------------------|--------|----------|------|------|-------------|--------------------|-----|
| Anions/Cations | | | | | | | |
| Alkalinity, Total (As CaCO3) | 86 | mg/L | | 5 | SM 2320B | 12/16/2014 2122 | BT |
| Alkalinity, Bicarbonate as HCO3 | 104 | mg/L | | 5 | SM 2320B | 12/16/2014 2122 | BT |
| Alkalinity, Carbonate as CO3 | ND | mg/L | | 5 | SM 2320B | 12/16/2014 2122 | BT |
| Chloride | 3 | mg/L | | 1 | EPA 300.0 | 12/17/2014 2002 | AB |
| Fluoride | 0.2 | mg/L | | 0.1 | SM 4500FC | 12/16/2014 2122 | BT |
| Nitrogen, Nitrate+Nitrite (as N) | ND | mg/L | | 0.1 | EPA 353.2 | 12/22/2014 1442 | AMB |
| Sulfate | 21 | mg/L | | 1 | EPA 300.0 | 12/17/2014 2002 | AB |
| Calcium | 24 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Magnesium | 6 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Potassium | 4 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Sodium | 9 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Nitrogen, Ammonia (As N) | ND | mg/L | | 0.1 | EPA 350.1 | 12/23/2014 1611 | AMB |
| Silica as SiO2 | 11 | mg/L | | 1 | EPA 200.7 | 12/17/2014 1621 | DG |
| General Parameters | | | | | | | |
| pH | 7.7 | s.u. | | 0.1 | SM 4500 H B | 12/16/2014 2122 | BT |
| Electrical Conductivity | 225 | µmhos/cm | | 5 | SM 2510B | 12/16/2014 2122 | BT |
| Total Dissolved Solids (180) | 130 | mg/L | | 10 | SM 2540 | 12/16/2014 1752 | IR |
| Data Quality | | | | | | | |
| Cation Sum | 2.18 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Anion Sum | 2.25 | meq/L | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Cation-Anion Balance (± 5%) | 1.46 | % | | 0.01 | SM 1030E | 12/24/2014 1011 | JJ |
| Solids, Total Dissolved (Calc) | 130 | mg/L | | 10 | SM 1030E | 12/24/2014 1011 | JJ |
| Calculated TDS/TDS Ratio (0.80-1.20) | 1.00 | dec. % | | 0.01 | Calculation | 01/07/2015 1353 | WN |

These results apply only to the samples tested.

RL - Reporting Limit

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- M Value exceeds Monthly Ave or MCL or is less than LCL
- O Outside the Range of Dilutions
- X Matrix Effect

- C Calculated Value
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



Sample Analysis Report

Company: Power Resources (Cameco)
PO Box 1210
Glenrock, WY 82637

Date Reported 1/20/2015
Report ID S1412261001

ProjectName: MU1 B Wells
Lab ID: S1412261-019
ClientSample ID: B-019
COC: 155320 155319

WorkOrder: S1412261
CollectionDate: 12/15/2014 9:30:00 AM
DateReceived: 12/16/2014 12:40:00 PM
FieldSampler: LW
Matrix: Water

Comments

| Analyses | Result | Units | Qual | RL | Method | Date Analyzed/Init | |
|----------------------------------|--------|-------|------|--------|--------------|--------------------|----|
| Metals - Dissolved | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Arsenic | 0.007 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 208 | MS |
| Barium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 208 | MS |
| Beryllium | ND | mg/L | | 0.001 | EPA 200.7 | 12/17/2014 1621 | DG |
| Boron | ND | mg/L | | 0.1 | EPA 200.7 | 12/17/2014 1621 | DG |
| Cadmium | ND | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 208 | MS |
| Chromium | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1621 | DG |
| Copper | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 208 | MS |
| Iron | 0.90 | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1621 | DG |
| Lead | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 208 | MS |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1621 | DG |
| Mercury | ND | mg/L | | 0.001 | EPA 245.1 | 12/19/2014 930 | AW |
| Molybdenum | ND | mg/L | | 0.01 | EPA 200.8 | 12/17/2014 208 | MS |
| Nickel | ND | mg/L | | 0.05 | EPA 200.7 | 12/17/2014 1621 | DG |
| Selenium | 0.002 | mg/L | | 0.001 | EPA 200.8 | 12/17/2014 208 | MS |
| Uranium | 0.144 | mg/L | | 0.0003 | EPA 200.8 | 12/17/2014 208 | MS |
| Vanadium | ND | mg/L | | 0.1 | EPA 200.8 | 12/17/2014 208 | MS |
| Zinc | ND | mg/L | | 0.01 | EPA 200.7 | 12/17/2014 1621 | DG |
| Metals - Total | | | | | | | |
| Iron | 0.92 | mg/L | | 0.05 | EPA 200.7 | 12/19/2014 1249 | DG |
| Manganese | 0.05 | mg/L | | 0.01 | EPA 200.7 | 12/19/2014 1249 | DG |
| Radionuclides - Dissolved | | | | | | | |
| Gross Alpha | 621 | pCi/L | | 2 | SM 7110B | 01/07/2015 808 | MB |
| Gross Alpha Precision (±) | 9.8 | pCi/L | | | SM 7110B | 01/07/2015 808 | MB |
| Gross Beta | 307 | pCi/L | | 3 | SM 7110B | 01/07/2015 808 | MB |
| Gross Beta Precision (±) | 5.5 | pCi/L | | | SM 7110B | 01/07/2015 808 | MB |
| Radium 226 | 202 | pCi/L | | 0.2 | SM 7500 Ra-B | 01/13/2015 1437 | MB |
| Radium 226 Precision (±) | 1.6 | pCi/L | | | SM 7500 Ra-B | 01/13/2015 1437 | MB |
| Radium 228 | ND | pCi/L | | 1 | Ga-Tech | 01/13/2015 2307 | MB |
| Radium 228 Precision (±) | NA | pCi/L | | | Ga-Tech | 01/13/2015 2307 | MB |

These results apply only to the samples tested.

RL - Reporting Limit

| | | |
|--------------------|--|--|
| Qualifiers: | B Analyte detected in the associated Method Blank | C Calculated Value |
| | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| | J Analyte detected below quantitation limits | L Analyzed by a contract laboratory |
| | M Value exceeds Monthly Ave or MCL or is less than LCL | ND Not Detected at the Reporting Limit |
| | O Outside the Range of Dilutions | S Spike Recovery outside accepted recovery limits |
| | X Matrix Effect | |

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Assistant Laboratory Manager



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

| Alkalinity | | Sample Type | MBLK | | Units: mg/L | | | | |
|------------------------------|---------------|-------------|-------|----------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| BLANK (12/16/14 15:52) | RunNo: 116064 | | | | | | | | |
| Alkalinity, Total (As CaCO3) | ND | 5 | | | | | | | |

| Alkalinity | | Sample Type | LCS | | Units: mg/L | | | | |
|------------------------------|---------------|-------------|-------|----------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| ATQC (12/16/14 15:40) | RunNo: 116064 | | | | | | | | |
| Alkalinity, Total (As CaCO3) | 593 | 5 | 595 | | 99.7 | 90 - 110 | | | |

| Alkalinity | | Sample Type | DUP | | Units: mg/L | | | | |
|---------------------------------|---------------|-------------|----------|-------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual | | |
| S1412261-002AD (12/16/14 17:18) | RunNo: 116064 | | | | | | | | |
| Alkalinity, Bicarbonate as HCO3 | 235 | 5 | 234 | 0.607 | | 20 | | | |
| Alkalinity, Carbonate as CO3 | ND | 5 | ND | | | 20 | | | |
| Alkalinity, Total (As CaCO3) | 193 | 5 | 192 | 0.607 | | 20 | | | |

| S1412261-012AD (12/16/14 19:59) | | Sample Type | DUP | | Units: mg/L | | | | |
|---------------------------------|--------|-------------|----------|-------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual | | |
| Alkalinity, Bicarbonate as HCO3 | 165 | 5 | 166 | 0.490 | | 20 | | | |
| Alkalinity, Carbonate as CO3 | ND | 5 | ND | | | 20 | | | |
| Alkalinity, Total (As CaCO3) | 135 | 5 | 136 | 0.490 | | 20 | | | |

| Conductivity | | Sample Type | MBLK | | Units: µmhos/cm | | | | |
|-------------------------|---------------|-------------|-------|----------|-----------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| BLANK (12/16/14 15:52) | RunNo: 116064 | | | | | | | | |
| Electrical Conductivity | ND | 5 | | | | | | | |

| Conductivity | | Sample Type | LCS | | Units: µmhos/cm | | | | |
|-------------------------|---------------|-------------|-------|----------|-----------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| ATQC (12/16/14 15:40) | RunNo: 116064 | | | | | | | | |
| Electrical Conductivity | 1060 | 5 | 1060 | | 99.6 | 90 - 110 | | | |

| Conductivity | | Sample Type | DUP | | Units: µmhos/cm | | | | |
|---------------------------------|---------------|-------------|----------|------|-----------------|--------------|------|--|--|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual | | |
| S1412261-002AD (12/16/14 17:18) | RunNo: 116064 | | | | | | | | |
| Electrical Conductivity | 642 | 5 | 659 | 2.61 | | 20 | | | |

| S1412261-012AD (12/16/14 19:59) | | Sample Type | DUP | | Units: µmhos/cm | | | | |
|---------------------------------|--------|-------------|----------|------|-----------------|--------------|------|--|--|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual | | |
| Electrical Conductivity | 442 | 5 | 451 | 2.02 | | 20 | | | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Dissolved Mercury by EPA 245.1 - Water

Sample Type **MBLK**

Units: mg/L

| | | | | | | | | |
|----------------------|---------------|-------|-------|----------|------|--------------|------|--|
| LRB (12/19/14 08:22) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Mercury | ND | 0.001 | | | | | | |

Dissolved Mercury by EPA 245.1 - Water

Sample Type **LCS**

Units: mg/L

| | | | | | | | | |
|----------------------|---------------|-------|-------|----------|------|--------------|------|--|
| LCS (12/19/14 10:11) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Mercury | 0.002 | 0.001 | 0.002 | | 96.0 | 85 - 115 | | |

Dissolved Mercury by EPA 245.1 - Water

Sample Type **MS**

Units: mg/L

| | | | | | | | | |
|--------------------------------|---------------|-------|---------|----------|------|--------------|------|--|
| S1412261-001D (12/19/14 08:30) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Mercury | 0.002 | 0.001 | 0.00197 | ND | 87.5 | 70 - 130 | | |

| | | | | | | | | |
|--------------------------------|---------------|-------|---------|----------|------|--------------|------|--|
| S1412261-005D (12/19/14 08:47) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Mercury | 0.002 | 0.001 | 0.00197 | ND | 89.0 | 70 - 130 | | |

Dissolved Mercury by EPA 245.1 - Water

Sample Type **MSD**

Units: mg/L

| | | | | | | | | |
|--------------------------------|---------------|-------|-------|------|------|--------------|------|--|
| S1412261-001D (12/19/14 08:32) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Mercury | 0.002 | 0.001 | 0.002 | 1.10 | 88.5 | 20 | | |

| | | | | | | | | |
|--------------------------------|---------------|-------|-------|------|------|--------------|------|--|
| S1412261-005D (12/19/14 08:49) | RunNo: 116235 | | | | | | | |
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Mercury | 0.002 | 0.001 | 0.002 | 1.24 | 90.1 | 20 | | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Dissolved Metals by ICP - EPA 200.7 - Water

Sample Type **MBLK**

Units: mg/L

| MBLK DISS/CAT (12/17/14 13:54) | | RunNo: 116128 | | | | | | |
|--------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Aluminum | ND | 0.1 | | | | | | |
| Beryllium | ND | 0.01 | | | | | | |
| Boron | ND | 0.1 | | | | | | |
| Chromium | ND | 0.01 | | | | | | |
| Iron | ND | 0.05 | | | | | | |
| Manganese | ND | 0.02 | | | | | | |
| Nickel | ND | 0.01 | | | | | | |
| Zinc | ND | 0.01 | | | | | | |

Dissolved Metals by ICP - EPA 200.7 - Water

Sample Type **LCS**

Units: mg/L

| DISS LCS Q (12/17/14 13:56) | | RunNo: 116128 | | | | | | |
|-----------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Aluminum | 1.0 | 0.1 | 1 | | 100 | 85 - 115 | | |
| Beryllium | 1.04 | 0.01 | 1 | | 104 | 85 - 115 | | |
| Boron | 1.0 | 0.1 | 1 | | 102 | 85 - 115 | | |
| Chromium | 1.02 | 0.01 | 1 | | 102 | 85 - 115 | | |
| Iron | 1.02 | 0.05 | 1 | | 102 | 85 - 115 | | |
| Manganese | 1.01 | 0.02 | 1 | | 101 | 85 - 115 | | |
| Nickel | 1.03 | 0.01 | 1 | | 103 | 85 - 115 | | |
| Zinc | 0.98 | 0.01 | 1 | | 98.3 | 85 - 115 | | |

Dissolved Metals by ICP - EPA 200.7 - Water

Sample Type **MS**

Units: mg/L

| S1412261-010DS (12/17/14 15:39) | | RunNo: 116128 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Aluminum | 0.3 | 0.1 | 0.25 | ND | 101 | 70 - 130 | | |
| Beryllium | 0.268 | 0.001 | 0.25 | ND | 107 | 70 - 130 | | |
| Boron | 0.3 | 0.1 | 0.25 | ND | 102 | 70 - 130 | | |
| Chromium | 0.25 | 0.01 | 0.25 | ND | 101 | 70 - 130 | | |
| Iron | 0.65 | 0.05 | 0.25 | 0.42 | 90.2 | 70 - 130 | | |
| Manganese | 0.32 | 0.01 | 0.25 | 0.08 | 97.2 | 70 - 130 | | |
| Nickel | 0.26 | 0.05 | 0.25 | ND | 101 | 70 - 130 | | |
| Zinc | 0.26 | 0.01 | 0.25 | ND | 102 | 70 - 130 | | |

| S1412261-017DS (12/17/14 16:08) | | RunNo: 116128 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Aluminum | 0.3 | 0.1 | 0.25 | ND | 104 | 70 - 130 | | |
| Beryllium | 0.280 | 0.001 | 0.25 | ND | 112 | 70 - 130 | | |
| Boron | 0.3 | 0.1 | 0.25 | ND | 103 | 70 - 130 | | |
| Chromium | 0.26 | 0.01 | 0.25 | ND | 104 | 70 - 130 | | |
| Iron | 1.34 | 0.05 | 0.25 | 1.15 | 73.1 | 70 - 130 | | |
| Manganese | 0.30 | 0.01 | 0.25 | 0.05 | 99.9 | 70 - 130 | | |
| Nickel | 0.27 | 0.05 | 0.25 | ND | 104 | 70 - 130 | | |
| Zinc | 0.27 | 0.01 | 0.25 | ND | 106 | 70 - 130 | | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Dissolved Metals by ICP - EPA 200.7 - Water

Sample Type **MSD**

Units: mg/L

| S1412261-010DSD (12/17/14 15:41) | | RunNo: 116128 | | | | | |
|----------------------------------|--------|---------------|-------|------|------|--------------|------|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Aluminum | 0.3 | 0.1 | 0.3 | 2.98 | 105 | 20 | |
| Beryllium | 0.282 | 0.001 | 0.268 | 4.91 | 113 | 20 | |
| Boron | 0.4 | 0.1 | 0.3 | 4.64 | 108 | 20 | |
| Chromium | 0.26 | 0.01 | 0.25 | 3.89 | 105 | 20 | |
| Iron | 0.66 | 0.05 | 0.65 | 2.12 | 95.8 | 20 | |
| Manganese | 0.33 | 0.01 | 0.32 | 2.57 | 101 | 20 | |
| Nickel | 0.27 | 0.05 | 0.26 | 4.36 | 106 | 20 | |
| Zinc | 0.27 | 0.01 | 0.26 | 4.04 | 107 | 20 | |

| S1412261-017DSD (12/17/14 16:10) | | RunNo: 116128 | | | | | |
|----------------------------------|--------|---------------|-------|-------|------|--------------|------|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Aluminum | 0.3 | 0.1 | 0.3 | 1.37 | 103 | 20 | |
| Beryllium | 0.274 | 0.001 | 0.280 | 2.37 | 109 | 20 | |
| Boron | 0.3 | 0.1 | 0.3 | 1.03 | 104 | 20 | |
| Chromium | 0.26 | 0.01 | 0.26 | 0.851 | 103 | 20 | |
| Iron | 1.33 | 0.05 | 1.34 | 0.261 | 71.7 | 20 | |
| Manganese | 0.30 | 0.01 | 0.30 | 0.828 | 101 | 20 | |
| Nickel | 0.27 | 0.05 | 0.27 | 0.231 | 104 | 20 | |
| Zinc | 0.26 | 0.01 | 0.27 | 0.666 | 105 | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample Type **MBLK**

Units: mg/L

| MBLK (12/16/14 12:18) | | RunNo: 116075 | | | | | | |
|-----------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Arsenic | ND | 0.005 | | | | | | |
| Barium | ND | 0.1 | | | | | | |
| Cadmium | ND | 0.001 | | | | | | |
| Copper | ND | 0.01 | | | | | | |
| Lead | ND | 0.02 | | | | | | |
| Molybdenum | ND | 0.02 | | | | | | |
| Selenium | ND | 0.001 | | | | | | |
| Uranium | ND | 0.0003 | | | | | | |
| Vanadium | ND | 0.02 | | | | | | |

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample Type **LCS**

Units: mg/L

| LCS (12/16/14 12:13) | | RunNo: 116075 | | | | | | |
|----------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Arsenic | 0.100 | 0.005 | 0.1 | | 100 | 85 - 115 | | |
| Barium | 0.1 | 0.1 | 0.1 | | 101 | 85 - 115 | | |
| Cadmium | 0.102 | 0.001 | 0.1 | | 102 | 85 - 115 | | |
| Copper | 0.10 | 0.01 | 0.1 | | 98.5 | 85 - 115 | | |
| Lead | 0.10 | 0.02 | 0.1 | | 99.0 | 85 - 115 | | |
| Molybdenum | 0.10 | 0.02 | 0.1 | | 96.6 | 85 - 115 | | |
| Selenium | 0.099 | 0.001 | 0.1 | | 99.1 | 85 - 115 | | |
| Uranium | 0.104 | 0.0003 | 0.1 | | 104 | 85 - 115 | | |
| Vanadium | 0.10 | 0.02 | 0.1 | | 98.8 | 85 - 115 | | |

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample Type **MS**

Units: mg/L

| S1412261-005DS (12/17/14 00:15) | | RunNo: 116075 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Arsenic | 1.02 | 0.001 | 1.1 | 0.005 | 92.4 | 70 - 130 | | |
| Barium | 1.0 | 0.1 | 1.1 | ND | 93.5 | 70 - 130 | | |
| Cadmium | 1.04 | 0.001 | 1.1 | ND | 94.5 | 70 - 130 | | |
| Copper | 1.07 | 0.01 | 1.1 | ND | 97.3 | 70 - 130 | | |
| Lead | 1.04 | 0.01 | 1.1 | ND | 94.6 | 70 - 130 | | |
| Molybdenum | 1.03 | 0.01 | 1.1 | ND | 93.0 | 70 - 130 | | |
| Selenium | 1.14 | 0.001 | 1.1 | 0.060 | 98.2 | 70 - 130 | | |
| Uranium | 1.35 | 0.0003 | 1.1 | 0.242 | 101 | 70 - 130 | | |
| Vanadium | 1.1 | 0.1 | 1.1 | ND | 99.1 | 70 - 130 | | |

| S1412261-015DS (12/17/14 01:42) | | RunNo: 116075 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Arsenic | 1.05 | 0.001 | 1.1 | 0.026 | 93.5 | 70 - 130 | | |
| Barium | 1.0 | 0.1 | 1.1 | ND | 92.6 | 70 - 130 | | |
| Cadmium | 1.05 | 0.001 | 1.1 | ND | 95.2 | 70 - 130 | | |
| Copper | 1.09 | 0.01 | 1.1 | ND | 99.5 | 70 - 130 | | |
| Lead | 1.04 | 0.01 | 1.1 | ND | 94.2 | 70 - 130 | | |
| Molybdenum | 1.05 | 0.01 | 1.1 | ND | 95.0 | 70 - 130 | | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample Type **MS**

Units: mg/L

| S1412261-015DS (12/17/14 01:42) | | RunNo: 116075 | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Selenium | 1.09 | 0.001 | 1.1 | ND | 99.2 | 70 - 130 | |
| Uranium | 1.21 | 0.0003 | 1.1 | 0.0783 | 103 | 70 - 130 | |
| Vanadium | 1.1 | 0.1 | 1.1 | ND | 96.8 | 70 - 130 | |

Dissolved Metals by ICPMS EPA 200.8 - Water

Sample Type **MSD**

Units: mg/L

| S1412261-005DMSD (12/17/14 00:21) | | RunNo: 116075 | | | | | |
|-----------------------------------|--------|---------------|------|-------|------|--------------|------|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Arsenic | 1.04 | 0.001 | 1.02 | 1.92 | 94.2 | 20 | |
| Barium | 1.1 | 0.1 | 1.0 | 1.73 | 95.2 | 20 | |
| Cadmium | 1.03 | 0.001 | 1.04 | 0.865 | 93.6 | 20 | |
| Copper | 1.07 | 0.01 | 1.07 | 0.116 | 97.2 | 20 | |
| Lead | 1.06 | 0.01 | 1.04 | 1.88 | 96.4 | 20 | |
| Molybdenum | 1.04 | 0.01 | 1.03 | 1.61 | 94.5 | 20 | |
| Selenium | 1.15 | 0.001 | 1.14 | 0.713 | 98.9 | 20 | |
| Uranium | 1.35 | 0.0003 | 1.35 | 0.151 | 101 | 20 | |
| Vanadium | 1.1 | 0.1 | 1.1 | 3.43 | 95.8 | 20 | |

| S1412261-015DMSD (12/17/14 01:47) | | RunNo: 116075 | | | | | |
|-----------------------------------|--------|---------------|------|-------|------|--------------|------|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Arsenic | 1.03 | 0.001 | 1.05 | 2.11 | 91.5 | 20 | |
| Barium | 1.1 | 0.1 | 1.0 | 0.462 | 93.0 | 20 | |
| Cadmium | 1.04 | 0.001 | 1.05 | 0.333 | 94.9 | 20 | |
| Copper | 1.10 | 0.01 | 1.09 | 0.308 | 99.8 | 20 | |
| Lead | 1.03 | 0.01 | 1.04 | 0.640 | 93.6 | 20 | |
| Molybdenum | 1.07 | 0.01 | 1.05 | 1.69 | 96.6 | 20 | |
| Selenium | 1.09 | 0.001 | 1.09 | 0.502 | 98.7 | 20 | |
| Uranium | 1.22 | 0.0003 | 1.21 | 0.662 | 104 | 20 | |
| Vanadium | 1.1 | 0.1 | 1.1 | 4.45 | 101 | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

| Fluoride by SM 4500 | | Sample Type | MBLK | | Units: mg/L | | | | |
|------------------------|---------------|-------------|-------|----------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| BLANK (12/16/14 15:52) | RunNo: 116064 | | | | | | | | |
| Fluoride | ND | 0.1 | | | | | | | |

| Fluoride by SM 4500 | | Sample Type | LCS | | Units: mg/L | | | | |
|-----------------------|---------------|-------------|-------|----------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| ATQC (12/16/14 15:40) | RunNo: 116064 | | | | | | | | |
| Fluoride | 2.8 | 0.1 | 3 | | 94.7 | 85 - 115 | | | |

| Fluoride by SM 4500 | | Sample Type | MS | | Units: mg/L | | | | |
|--------------------------------------|---------------|-------------|-------|----------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | | |
| S1412261-010ASPK MS (12/16/14 19:13) | RunNo: 116064 | | | | | | | | |
| Fluoride | 2.6 | 0.1 | 2.5 | 0.2 | 96.8 | 80 - 120 | | | |

| Fluoride by SM 4500 | | Sample Type | MSD | | Units: mg/L | | | | |
|--------------------------------------|---------------|-------------|------|------|-------------|--------------|------|--|--|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | | |
| S1412261-010ASPK MD (12/16/14 19:18) | RunNo: 116064 | | | | | | | | |
| Fluoride | 2.6 | 0.1 | 2.6 | 2.37 | 99.3 | 20 | | | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Gross Alpha, Beta by SM 7110B

Sample Type **MBLK**

Units: pCi/L

| MB-287 (12/29/14 16:40) | RunNo: 116531 | PrepDate: 12/23/14 0:00 | BatchID R116531 | | | | Qual |
|-------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | ND | 3 | | | | | |
| Gross Beta (Dissolved) | ND | 3 | | | | | |

| MB-288 (01/06/15 16:36) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|-------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | ND | 3 | | | | | |
| Gross Beta (Dissolved) | ND | 3 | | | | | |

Gross Alpha, Beta by SM 7110B

Sample Type **LCS**

Units: pCi/L

| LCS-287 (12/29/14 16:40) | RunNo: 116531 | PrepDate: 12/23/14 0:00 | BatchID R116531 | | | | Qual |
|--------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | 69 | 2 | 71.2 | | 97.4 | 50 - 150 | |
| Gross Beta (Dissolved) | 124 | 3 | 118 | | 105 | 79.4 - 134 | |

| LCS-288 (01/06/15 16:36) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|--------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | 69 | 2 | 70.2 | | 98.0 | 59.5 - 130 | |
| Gross Beta (Dissolved) | 126 | 3 | 118 | | 107 | 80 - 122 | |

Gross Alpha, Beta by SM 7110B

Sample Type **MS**

Units: pCi/L

| S1412261-015F MS (01/07/15 08:08) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|-----------------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | 1230 | 2 | 70.2 | 1160 | 105 | 50 - 150 | |
| Gross Beta (Dissolved) | 691 | 3 | 118 | 543 | 126 | 61.4 - 150 | |

| S1412261-005F MS (01/06/15 16:36) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|-----------------------------------|---------------|-------------------------|-----------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Gross Alpha (Dissolved) | 677 | 2 | 70.2 | 609 | 96.0 | 50 - 150 | |

Gross Alpha, Beta by SM 7110B

Sample Type **DUP**

Units: pCi/L

| S1412261-002F DUP (12/29/14 16:40) | RunNo: 116531 | PrepDate: 12/23/14 0:00 | BatchID R116531 | | | | Qual |
|------------------------------------|---------------|-------------------------|-----------------|------|------|--------------|------|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Gross Alpha (Dissolved) | 2280 | 2 | 2080 | 9.24 | | 20 | |
| Gross Beta (Dissolved) | 1400 | 3 | 1370 | 2.41 | | 20 | |

| S1412261-019F DUP (01/07/15 08:08) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|------------------------------------|---------------|-------------------------|-----------------|------|------|--------------|------|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Gross Alpha (Dissolved) | 591 | 2 | 621 | 4.89 | | 20 | |
| Gross Beta (Dissolved) | 291 | 3 | 307 | 5.34 | | 20 | |

| S1412261-006F DUP (01/06/15 16:36) | RunNo: 116761 | PrepDate: 01/02/15 0:00 | BatchID R116761 | | | | Qual |
|------------------------------------|---------------|-------------------------|-----------------|------|------|--------------|------|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Gross Alpha (Dissolved) | 1660 | 2 | 1590 | 4.64 | | 20 | |
| Gross Beta (Dissolved) | 808 | 3 | 799 | 1.08 | | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Anions by ION Chromatography

Sample Type **MBLK**

Units: mg/L

| BLK (12/17/14 09:10) | | RunNo: 116152 | | | | | | |
|----------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | ND | 1 | | | | | | |
| Sulfate | ND | 1 | | | | | | |

| BLK (12/18/14 11:16) | | RunNo: 116195 | | | | | | |
|----------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | ND | 1 | | | | | | |
| Sulfate | ND | 1 | | | | | | |

Anions by ION Chromatography

Sample Type **LCS**

Units: mg/L

| DIONEX (12/17/14 09:26) | | RunNo: 116152 | | | | | | |
|-------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | 30 | 1 | 30 | | 98.9 | 90 - 110 | | |
| Sulfate | 137 | 1 | 150 | | 91.3 | 90 - 110 | | |

| DIONEX (12/18/14 11:32) | | RunNo: 116195 | | | | | | |
|-------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | 32 | 1 | 30 | | 106 | 90 - 110 | | |
| Sulfate | 148 | 1 | 150 | | 98.8 | 90 - 110 | | |

Anions by ION Chromatography

Sample Type **MS**

Units: mg/L

| S1412261-018ASPK (12/17/14 18:39) | | RunNo: 116152 | | | | | | |
|-----------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | 29 | 1 | 18.2 | 10 | 104 | 80 - 120 | | |
| Sulfate | 200 | 1 | 136 | 46 | 113 | 80 - 120 | | |

| S1412261-008ASPK (12/18/14 19:17) | | RunNo: 116195 | | | | | | |
|-----------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Chloride | 46 | 1 | 27.3 | 16 | 110 | 80 - 120 | | |
| Sulfate | 298 | 1 | 205 | 57 | 118 | 80 - 120 | | |

Anions by ION Chromatography

Sample Type **MSD**

Units: mg/L

| S1412261-008ASPK (12/17/14 14:47) | | RunNo: 116152 | | | | | | |
|-----------------------------------|--------|---------------|------|------|------|--------------|------|--|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Chloride | 45 | 1 | 46 | 3.45 | 107 | 20 | | |
| Sulfate | 294 | 1 | 307 | 4.39 | 117 | 20 | | |

| S1412261-018ASPK (12/17/14 18:56) | | RunNo: 116152 | | | | | | |
|-----------------------------------|--------|---------------|------|-------|------|--------------|------|--|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Chloride | 29 | 1 | 29 | 0.630 | 103 | 20 | | |
| Sulfate | 200 | 1 | 200 | 0.120 | 113 | 20 | | |

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
O Outside the Range of Dilutions
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
X Matrix Effect

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Cations by ICP (Method 200.7)Sample Type **MBLK**

Units: mg/L

| MBLK DISS/CAT (12/17/14 13:54) | | RunNo: 116123 | | | | | | |
|--------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Calcium | ND | 1 | | | | | | |
| Magnesium | ND | 1 | | | | | | |
| Potassium | ND | 1 | | | | | | |
| Sodium | ND | 1 | | | | | | |

Cations by ICP (Method 200.7)Sample Type **LCS**

Units: mg/L

| CAT LCS IML3 (12/17/14 13:58) | | RunNo: 116123 | | | | | | |
|-------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Calcium | 39 | 1 | 40 | | 98.3 | 85 - 115 | | |
| Magnesium | 41 | 1 | 40 | | 102 | 85 - 115 | | |
| Potassium | 40 | 1 | 40 | | 98.9 | 85 - 115 | | |
| Sodium | 38 | 1 | 40 | | 95.1 | 85 - 115 | | |

Cations by ICP (Method 200.7)Sample Type **MS**

Units: mg/L

| S1412261-003AS (12/17/14 15:10) | | RunNo: 116123 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Calcium | 77 | 1 | 25 | 55 | 85.1 | 70 - 130 | | |
| Magnesium | 38 | 1 | 25 | 14 | 98.6 | 70 - 130 | | |
| Potassium | 32 | 1 | 25 | 7 | 99.8 | 70 - 130 | | |
| Sodium | 38 | 1 | 25 | 14 | 93.0 | 70 - 130 | | |

| S1412261-010AS (12/17/14 15:39) | | RunNo: 116123 | | | | | | |
|---------------------------------|--------|---------------|-------|----------|------|--------------|------|--|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual | |
| Calcium | 104 | 1 | 25 | 82 | 87.1 | 70 - 130 | | |
| Magnesium | 45 | 1 | 25 | 20 | 101 | 70 - 130 | | |
| Potassium | 35 | 1 | 25 | 9 | 103 | 70 - 130 | | |
| Sodium | 40 | 1 | 25 | 16 | 95.8 | 70 - 130 | | |

Cations by ICP (Method 200.7)Sample Type **MSD**

Units: mg/L

| S1412261-003ASD (12/17/14 15:13) | | RunNo: 116123 | | | | | | |
|----------------------------------|--------|---------------|------|-------|------|--------------|------|--|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Calcium | 77 | 1 | 77 | 0.577 | 86.9 | 20 | | |
| Magnesium | 38 | 1 | 38 | 1.25 | 96.7 | 20 | | |
| Potassium | 32 | 1 | 32 | 0.216 | 100 | 20 | | |
| Sodium | 38 | 1 | 38 | 0.685 | 94.0 | 20 | | |

| S1412261-010ASD (12/17/14 15:41) | | RunNo: 116123 | | | | | | |
|----------------------------------|--------|---------------|------|-------|------|--------------|------|--|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual | |
| Calcium | 104 | 1 | 104 | 0.578 | 89.5 | 20 | | |
| Magnesium | 45 | 1 | 45 | 0.140 | 101 | 20 | | |
| Potassium | 36 | 1 | 35 | 3.22 | 108 | 20 | | |
| Sodium | 41 | 1 | 40 | 2.41 | 99.8 | 20 | | |

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
O Outside the Range of Dilutions
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

| Nitrogen, Ammonia (as N) | | Sample Type | MBLK | | Units: mg/L | | | |
|--------------------------|--|---------------|------|-------|-------------|------|--------------|------|
| BLANK (12/23/14 13:53) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Ammonia (As N) | | ND | 0.1 | | | | | |

| Nitrogen, Ammonia (as N) | | Sample Type | LCS | | Units: mg/L | | | |
|--------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| QC (12/23/14 13:55) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Ammonia (As N) | | 16.4 | 0.1 | 17.4 | | 94.2 | 89 - 111 | |

| Nitrogen, Ammonia (as N) | | Sample Type | MS | | Units: mg/L | | | |
|--------------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| S1412261-004C (12/23/14 15:46) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Ammonia (As N) | | 9.4 | 0.1 | 10 | ND | 94.1 | 90 - 110 | |

| | | | | | | | | |
|--------------------------------|--|---------------|-----|-------|----------|------|--------------|------|
| S1412261-019C (12/23/14 16:13) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Ammonia (As N) | | 10.1 | 0.1 | 10 | ND | 101 | 90 - 110 | |

| Nitrogen, Ammonia (as N) | | Sample Type | MSD | | Units: mg/L | | | |
|--------------------------------|--|---------------|-----|------|-------------|------|--------------|------|
| S1412261-004C (12/23/14 15:47) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Nitrogen, Ammonia (As N) | | 9.1 | 0.1 | 9.4 | 2.98 | 91.3 | 20 | |

| | | | | | | | | |
|--------------------------------|--|---------------|-----|------|------|------|--------------|------|
| S1412261-019C (12/23/14 16:14) | | RunNo: 116361 | | | | | | |
| Analyte | | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Nitrogen, Ammonia (As N) | | 9.2 | 0.1 | 10.1 | 8.82 | 92.4 | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

| Nitrogen, Nitrate-Nitrite (as N) | | Sample Type | MBLK | | Units: mg/L | | | |
|----------------------------------|--|---------------|------|-------|-------------|------|--------------|------|
| BLANK (12/22/14 14:30) | | RunNo: 116342 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | ND | 0.1 | | | | | |

| Nitrogen, Nitrate-Nitrite (as N) | | Sample Type | LCS | | Units: mg/L | | | |
|----------------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| QC (12/22/14 14:33) | | RunNo: 116342 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | 17.6 | 0.1 | 17.7 | | 99.2 | 90 - 110 | |

| Nitrogen, Nitrate-Nitrite (as N) | | Sample Type | MS | | Units: mg/L | | | |
|----------------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| S1412261-006C (12/17/14 16:19) | | RunNo: 116139 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | 5.1 | 0.1 | 5 | ND | 103 | 90 - 110 | |

| | | | | | | | | |
|----------------------------------|--|---------------|-----|-------|----------|------|--------------|------|
| S1412261-016C (12/17/14 16:43) | | RunNo: 116139 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | 5.1 | 0.1 | 5 | ND | 103 | 90 - 110 | |

| Nitrogen, Nitrate-Nitrite (as N) | | Sample Type | MSD | | Units: mg/L | | | |
|----------------------------------|--|---------------|-----|------|-------------|------|--------------|------|
| S1412261-006C (12/17/14 16:21) | | RunNo: 116139 | | | | | | |
| Analyte | | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | 5.3 | 0.1 | 5.1 | 3.55 | 107 | 20 | |

| | | | | | | | | |
|----------------------------------|--|---------------|-----|------|------|------|--------------|------|
| S1412261-016C (12/17/14 16:45) | | RunNo: 116139 | | | | | | |
| Analyte | | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Nitrogen, Nitrate-Nitrite (as N) | | 5.3 | 0.1 | 5.1 | 3.01 | 106 | 20 | |

| | | |
|--------------------|--|--|
| Qualifiers: | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | L Analyzed by a contract laboratory | ND Not Detected at the Reporting Limit |
| | O Outside the Range of Dilutions | R RPD outside accepted recovery limits |
| | S Spike Recovery outside accepted recovery limits | X Matrix Effect |



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Radium 228 by Ga/Tech

Sample Type **MBLK**

Units: pCi/L

| | | | | |
|--------------------------|---------------|--------------------------|--------------|----------|
| MB-9436 (01/02/15 16:08) | RunNo: 116678 | PrepDate: 12/29/14 10:00 | BatchID 9436 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) ND 1

| | | | | |
|--------------------------|---------------|--------------------------|--------------|----------|
| MB-9496 (01/12/15 16:51) | RunNo: 116973 | PrepDate: 01/05/15 10:00 | BatchID 9496 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) ND 1

Radium 228 by Ga/Tech

Sample Type **LCS**

Units: pCi/L

| | | | | |
|---------------------------|---------------|--------------------------|--------------|----------|
| LCS-9436 (01/02/15 19:09) | RunNo: 116678 | PrepDate: 12/29/14 10:00 | BatchID 9436 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) 36 1 40.1 90.6 59.9 - 99.4

| | | | | |
|---------------------------|---------------|--------------------------|--------------|----------|
| LCS-9496 (01/12/15 19:52) | RunNo: 116973 | PrepDate: 01/05/15 10:00 | BatchID 9496 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) 35 1 41.1 84.6 60 - 120

Radium 228 by Ga/Tech

Sample Type **LCSD**

Units: pCi/L

| | | | | |
|----------------------------|---------------|--------------------------|--------------|------|
| LCSD-9436 (01/02/15 22:10) | RunNo: 116678 | PrepDate: 12/29/14 10:00 | BatchID 9436 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 228 (Dissolved) 33 1 36 10.2 81.8 20

| | | | | |
|----------------------------|---------------|--------------------------|--------------|------|
| LCSD-9496 (01/12/15 22:53) | RunNo: 116973 | PrepDate: 01/05/15 10:00 | BatchID 9496 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 228 (Dissolved) 32 1 35 8.76 77.5 20

Radium 228 by Ga/Tech

Sample Type **MS**

Units: pCi/L

| | | | | |
|-----------------------------|---------------|--------------------------|--------------|----------|
| TAPMS-9436 (01/03/15 04:11) | RunNo: 116678 | PrepDate: 12/29/14 10:00 | BatchID 9436 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) 35 1 40.1 ND 87.2 50.8 - 113

| | | | | |
|-----------------------------|---------------|--------------------------|--------------|----------|
| TAPMS-9496 (01/13/15 04:54) | RunNo: 116973 | PrepDate: 01/05/15 10:00 | BatchID 9496 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 228 (Dissolved) 28 1 41.1 ND 68.9 66.7 - 120

Radium 228 by Ga/Tech

Sample Type **MSD**

Units: pCi/L

| | | | | |
|------------------------------|---------------|--------------------------|--------------|------|
| TAPMSD-9436 (01/03/15 07:12) | RunNo: 116678 | PrepDate: 12/29/14 10:00 | BatchID 9436 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 228 (Dissolved) 31 1 35 12.0 77.4 20

| | | | | |
|------------------------------|---------------|--------------------------|--------------|------|
| TAPMSD-9496 (01/13/15 14:04) | RunNo: 116973 | PrepDate: 01/05/15 10:00 | BatchID 9496 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 228 (Dissolved) 32 1 28 12.8 78.4 20

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- L Analyzed by a contract laboratory
- O Outside the Range of Dilutions
- S Spike Recovery outside accepted recovery limits

- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Radium 226 in Water - Dissolved

Sample Type **MBLK**

Units: pCi/L

| | | | | |
|--------------------------|---------------|-------------------------|--------------|----------|
| MB-1381 (01/06/15 09:07) | RunNo: 116719 | PrepDate: 12/29/14 0:00 | BatchID 9449 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) ND 0.2

| | | | | |
|--------------------------|---------------|-------------------------|--------------|----------|
| MB-1382 (01/13/15 09:19) | RunNo: 116938 | PrepDate: 01/05/15 0:00 | BatchID 9492 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) ND 0.2

Radium 226 in Water - Dissolved

Sample Type **LCS**

Units: pCi/L

| | | | | |
|---------------------------|---------------|-------------------------|--------------|----------|
| LCS-1381 (01/06/15 09:07) | RunNo: 116719 | PrepDate: 12/29/14 0:00 | BatchID 9449 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) 5.0 0.2 4.98 99.7 67.6 - 120

| | | | | |
|---------------------------|---------------|-------------------------|--------------|----------|
| LCS-1382 (01/13/15 09:19) | RunNo: 116938 | PrepDate: 01/05/15 0:00 | BatchID 9492 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) 4.6 0.2 4.98 91.5 67.6 - 120

Radium 226 in Water - Dissolved

Sample Type **MS**

Units: pCi/L

| | | | | |
|-----------------------------|---------------|-------------------------|--------------|----------|
| TAPMS-1381 (01/06/15 09:07) | RunNo: 116719 | PrepDate: 12/29/14 0:00 | BatchID 9449 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) 4.4 0.2 4.98 ND 88.1 67.6 - 120

| | | | | |
|-----------------------------|---------------|-------------------------|--------------|----------|
| TAPMS-1382 (01/13/15 09:19) | RunNo: 116938 | PrepDate: 01/05/15 0:00 | BatchID 9492 | |
| Analyte | Result | RL | Spike | Ref Samp |

Radium 226 (Dissolved) 4.0 0.2 4.98 ND 79.6 69.4 - 120

Radium 226 in Water - Dissolved

Sample Type **MSD**

Units: pCi/L

| | | | | |
|------------------------------|---------------|-------------------------|--------------|------|
| TAPMSD-1381 (01/06/15 09:07) | RunNo: 116719 | PrepDate: 12/29/14 0:00 | BatchID 9449 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 226 (Dissolved) 5.3 0.2 4.4 18.1 106 20

| | | | | |
|------------------------------|---------------|-------------------------|--------------|------|
| TAPMSD-1382 (01/13/15 09:19) | RunNo: 116938 | PrepDate: 01/05/15 0:00 | BatchID 9492 | |
| Analyte | Result | RL | Conc | %RPD |

Radium 226 (Dissolved) 4.5 0.2 4.0 13.5 91.2 20

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

| Silica as SiO2 | | Sample Type | MBLK | | Units: mg/L | | | |
|--------------------------------|--|---------------|------|-------|-------------|------|--------------|------|
| MBLK DISS/CAT (12/17/14 13:54) | | RunNo: 116134 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Silica as SiO2 | | ND | 0.1 | | | | | |

| Silica as SiO2 | | Sample Type | LCS | | Units: mg/L | | | |
|-----------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| DISS LCS Q (12/17/14 13:56) | | RunNo: 116134 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Silica as SiO2 | | 2.1 | 0.1 | 2.14 | | 100 | 85 - 115 | |

| Silica as SiO2 | | Sample Type | DUP | | Units: mg/L | | | |
|---------------------------------|--|---------------|-----|----------|-------------|------|--------------|------|
| S1412261-002DD (12/17/14 15:06) | | RunNo: 116134 | | | | | | |
| Analyte | | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Silica as SiO2 | | 13 | 1 | 12 | 1.06 | | 20 | |

| | | | | | | | | |
|---------------------------------|--|---------------|----|----------|-------|------|--------------|------|
| S1412261-009DD (12/17/14 15:35) | | RunNo: 116134 | | | | | | |
| Analyte | | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Silica as SiO2 | | 14 | 1 | 14 | 0.998 | | 20 | |

| Solids By SM 2540 | | Sample Type | MBLK | | Units: mg/L | | | |
|------------------------------|--|---------------|------|-------|-------------|------|--------------|------|
| DI (12/16/14 17:31) | | RunNo: 116293 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Total Dissolved Solids (180) | | 10.0 | 10 | | | | | |

| Solids By SM 2540 | | Sample Type | LCS | | Units: mg/L | | | |
|------------------------------|--|---------------|-----|-------|-------------|------|--------------|------|
| CONTROL (12/16/14 17:32) | | RunNo: 116293 | | | | | | |
| Analyte | | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Total Dissolved Solids (180) | | 240 | 10 | 226 | | 105 | 90 - 110 | |

| Solids By SM 2540 | | Sample Type | DUP | | Units: mg/L | | | |
|--------------------------------|--|---------------|-----|----------|-------------|------|--------------|------|
| S1412261-010A (12/16/14 17:43) | | RunNo: 116293 | | | | | | |
| Analyte | | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| Total Dissolved Solids (180) | | 420 | 10 | 430 | 2.84 | | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect



ANALYTICAL QC SUMMARY REPORT

CLIENT: Power Resources (Cameco)
Work Order: S1412261
Project: MU1 B Wells

Date: 1/20/2015
Report ID: S1412261001

Total (200.2) Metals by EPA 200.7 ICP - Water

Sample Type **MBLK**

Units: mg/L

| MB-9382 (12/19/14 11:11) | RunNo: 116230 | PrepDate: 12/18/14 11:43 | BatchID 9382 | | | | |
|--------------------------|---------------|--------------------------|--------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Iron | ND | 0.05 | | | | | |
| Manganese | ND | 0.02 | | | | | |

Total (200.2) Metals by EPA 200.7 ICP - Water

Sample Type **LCS**

Units: mg/L

| LCS-9382 (12/19/14 13:00) | RunNo: 116230 | PrepDate: 12/18/14 11:43 | BatchID 9382 | | | | |
|---------------------------|---------------|--------------------------|--------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Iron | 0.46 | 0.05 | 0.5 | | 92.6 | 85 - 115 | |
| Manganese | 0.17 | 0.02 | 0.2 | | 85.0 | 85 - 115 | |

Total (200.2) Metals by EPA 200.7 ICP - Water

Sample Type **MS**

Units: mg/L

| S1412261-002ES (12/19/14 11:48) | RunNo: 116230 | PrepDate: 12/18/14 6:45 | BatchID 9382 | | | | |
|---------------------------------|---------------|-------------------------|--------------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| Iron | 1.08 | 0.05 | 0.5 | 0.61 | 95.4 | 70 - 130 | |
| Manganese | 0.25 | 0.01 | 0.2 | 0.08 | 85.6 | 70 - 130 | |

Total (200.2) Metals by EPA 200.7 ICP - Water

Sample Type **MSD**

Units: mg/L

| S1412261-002EMSD (12/19/14 11:50) | RunNo: 116230 | PrepDate: 12/18/14 6:45 | BatchID 9382 | | | | |
|-----------------------------------|---------------|-------------------------|--------------|--------|------|--------------|------|
| Analyte | Result | RL | Conc | %RPD | %REC | % RPD Limits | Qual |
| Iron | 1.08 | 0.05 | 1.08 | 0.0545 | 95.5 | 20 | |
| Manganese | 0.25 | 0.01 | 0.25 | 0.323 | 85.2 | 20 | |

pH Water

Sample Type **LCS**

Units: s.u.

| ATQC (12/16/14 15:40) | RunNo: 116064 | | | | | | |
|-----------------------|---------------|-----|-------|----------|------|--------------|------|
| Analyte | Result | RL | Spike | Ref Samp | %REC | % Rec Limits | Qual |
| pH | 9.0 | 0.1 | 8.74 | | 103 | 90 - 110 | |

pH Water

Sample Type **DUP**

Units: s.u.

| S1412261-002AD (12/16/14 17:18) | RunNo: 116064 | | | | | | |
|---------------------------------|---------------|-----|----------|------|------|--------------|------|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| pH | 7.6 | 0.1 | 7.4 | 2.74 | | 20 | |

| S1412261-012AD (12/16/14 19:59) | RunNo: 116064 | | | | | | |
|---------------------------------|---------------|-----|----------|------|------|--------------|------|
| Analyte | Result | RL | Ref Samp | %RPD | %REC | % RPD Limits | Qual |
| pH | 7.7 | 0.1 | 7.6 | 1.69 | | 20 | |

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - L Analyzed by a contract laboratory
 - O Outside the Range of Dilutions
 - S Spike Recovery outside accepted recovery limits
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - X Matrix Effect