

ANALYTICAL SUMMARY REPORT

January 31, 2013

Rare Element Resources Inc
225 Union Blvd Ste 250
Lakewood, CO 80228-1574

Workorder No.: G12110213

Project Name: Upton

Energy Laboratories Inc. Gillette WY received the following 7 samples for Rare Element Resources Inc on 11/9/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G12110213-001	UAMS#3 PM10	10/30/12 17:15	11/09/12	Filter	PM-10 Filter Analysis
G12110213-002	UAMS#3 PM2.5	10/21/12 15:30	11/09/12	Filter	Same As Above
G12110213-003	UAMS#1 PM2.5	10/08/12 14:20	11/09/12	Filter	Same As Above
G12110213-004	UAMS#1 PM10	10/11/12 10:30	11/09/12	Filter	Same As Above
G12110213-005	UAMS#4 PM2.5	10/04/12 16:25	11/09/12	Filter	Same As Above
G12110213-006	UAMS#2 PM10	10/13/12 10:45	11/09/12	Filter	Same As Above
G12110213-007	UAMS#2 PM2.5	10/16/12 17:30	11/09/12	Filter	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 400 W. Boxelder Rd., Gillette, WY 82718, unless otherwise noted.

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these tests results, please call.

Report Approved By:



CLIENT: Rare Element Resources Inc
Project: Upton
Sample Delivery Group: G12110213

Revised Date: 01/31/13

Report Date: 11/20/12

CASE NARRATIVE

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.

RevA:

The Sample ID's on the Gravimetric reports have been revised to UAMS to reflect the Upton project.

Tracey L. Archer

Date: 01/29/13

2012 FILTER DATA
UAMS#3, PM10
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-001	10/28/12	58789	11/13/12	06/19/12	1440	4.6212	4.6066	0.0146

Date: 01/29/13

2012 FILTER DATA
UAMS#3, PM2.5
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-002	10/19/12	58787	11/13/12	06/19/12	1440	4.6817	4.6727	0.0090

Date: 01/29/13

2012 FILTER DATA
UAMS#1, PM2.5
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-003	10/04/12	58783	11/13/12	06/19/12	1440	4.6431	4.6334	0.0097

Date: 01/29/13

2012 FILTER DATA
UAMS#1, PM10
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-004	10/08/12	58784	11/13/12	06/19/12	1440	4.6341	4.6169	0.0172

Date: 01/29/13

2012 FILTER DATA
UAMS#4, PM2.5
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-005	09/30/12	58782	11/13/12	06/19/12	1440	4.6075	4.5810	0.0265

Date: 01/29/13

2012 FILTER DATA
UAMS#2, PM10
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-006	10/11/12	58785	11/13/12	06/19/12	1440	4.6088	4.5843	0.0245

Date: 01/29/13

2012 FILTER DATA
UAMS#2, PM2.5
Site: Rare Element Resources Upton

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12110960-007	10/13/12	58786	11/13/12	06/19/12	1440	4.6575	4.6438	0.0137

Standard Reporting Procedures

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Workorder Receipt Checklist

Rare Element Resources Inc

G12110213

Login completed by: Tracey Archer

Date Received: 11/9/2012

Reviewed by: BL2000\kscottruff

Received by: kls

Reviewed Date: 11/9/2012

Carrier Hand Del
name:

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>
Container/Temp Blank temperature:	°C		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)
Project Name, PWS, Permit, Etc.

Company Name:

Report Mail Address:

Invoice Address:

Contact Name:

Phone/Fax:

Email:

Purchase Order:

Quote/Bottle Order:

Sample Origin

EPA/State Compliance:
Yes ☐ No ☐

Sampler: (Please Print)

Special Report/Formats:

- ☐ DW
☐ POTW/WWTP
☐ State: _____
☐ Other: _____
- ☐ EDD/EDT (Electronic Data)
Format: _____
☐ LEVEL IV
☐ NELAC

Number of Containers
Sample Type: A W S V B O DW
Air Water Soils/Solids
Vegetation Bioassay Other
DW - Drinking Water

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page

Comments:

Shipped by:

Cooler ID(s):

Receipt Temp

On Ice: Y N

Custody Seal On Bottle Y N

Intact Y N

Signature Match Y N

LABORATORY USE ONLY

11/11/12

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	ANALYSIS REQUESTED	SEE ATTACHED	Comments:	Shipped by:	Cooler ID(s):	Receipt Temp	On Ice:	Custody Seal On Bottle	Intact	Signature Match
1 UAMS # 3 PM 10	10/30/12	1715	A	X									
2 UAMS # 3 PM 2.5	10/22/12	1530	X	X									
3 UAMS # 1 PM 2.5	10/8/12	1420	X	X									
4 UAMS # 1 PM 10	10/11/12	1030	X	X									
5 UAMS # 4 PM 2.5	10/4/12	1625	X	X									
6 UAMS # 2 PM 10	10/13/12	1645	X	X									
7 UAMS # 2 PM 2.5	10/14/12	1730	X	X									
8													
9													
10													

Relinquished by (print):
Signature: _____
Date/Time: 11/9/12 0835

Received by (print):
Signature: _____
Date/Time: 11/9/12 0835

Sample Disposal: _____
Return to Client: _____
Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.