



# ANALYTICAL SUMMARY REPORT

January 31, 2013

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

Workorder No.: G12090451

Project Name: Upton

Energy Laboratories Inc. Gillette WY received the following 2 samples for Rare Element Resources Inc on 9/20/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G12090451-001	UAMS #1 PM 10	08/31/12 13:00	09/20/12	Filter	PM-10 Filter Analysis
G12090451-002	UAMS #1 PM 2.5	08/29/12 17:00	09/20/12	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:** G12090451

**Revised Date:** 01/31/13

**Report Date:** 09/26/12

## 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#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
B12091878-001	08/29/12	58776	09/25/12	06/19/12	1440	4.7323	4.6565	0.0758

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
B12091878-002	08/26/12	58775	09/25/12	06/19/12	1440	4.6103	4.5957	0.0146

# 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

G12090451

Login completed by: Amanda Alley

Date Received: 9/20/2012

Reviewed by: BL2000\kscotruff

Received by: kls

Reviewed Date: 9/21/2012

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?<br>(Exclude analyses that are considered field parameters<br>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: PER  
Report Mail Address: ON FILE  
Invoice Address:

Contact Name: UPRON  
Phone/Fax:

Invoice Contact & Phone: Paul or Eric

Special Report/Formats:

- DW
- POTW/MWTP
- State: \_\_\_\_\_
- Other: \_\_\_\_\_
- EDD/EDT (Electronic Data)
- Format: \_\_\_\_\_
- LEVEL IV
- NELAC

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

### ANALYSIS REQUESTED

Gravimetric Only

SEE ATTACHED

Standard Turnaround (TAT)  
**R U S H**

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

Comments:

Shipped by: Hand  
Cooler ID(s):

Receipt Temp: N/A °C  
On Ice: Y N

Custody Seal On Bottle: Y N  
On Cooler: Y N

Signature Intact: Y N  
Signature Match: Y N

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	ANALYSIS REQUESTED	Standard Turnaround (TAT)	Comments:	Signature Intact	Signature Match
1 UAMS #1 PM 10	8/31/12	1300	1-0		X		Y	N
2 UAMS #1 PM 2.5	8/29/12	1700	1-0		X		Y	N
3 <del>UAMS #1 Cont.</del>	8/26/12	1440	1-0		X		Y	N
4 <del>UAMS #2 Cont.</del>	9/2/12	1730	1-0		X		Y	N
5 <del>UAMS #2 Cont. = 1</del>	8/2/12	1030	1-0		X		Y	N
6 <del>UAMS #4 Cont.</del>	8/20/12	1815	1-0		X		Y	N
7 <del>UAMS #3 Cont.</del>	8/9/12	1015	1-0		X		Y	N
8								
9								
10								

### LABORATORY USE ONLY

Relinquished by (print): Zobias Grubbs Date/Time: 08/20/12 1600 Signature: [Signature]

Received by (print): \_\_\_\_\_ Date/Time: \_\_\_\_\_ Signature: \_\_\_\_\_

Relinquished by (print): \_\_\_\_\_ Date/Time: \_\_\_\_\_ Signature: \_\_\_\_\_

Received by (print): gabbie Date/Time: 10/10/12 Signature: [Signature]

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](http://www.energylab.com) for additional information, downloadable fee schedule, forms, and links.