

ANALYTICAL SUMMARY REPORT

June 18, 2012

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

Workorder No.: G12060291

Project Name: Bear Lodge

Energy Laboratories Inc. Gillette WY received the following 7 samples for Rare Element Resources Inc on 6/12/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G12060291-001	AMS #1 pm2.5 #58596	05/11/12 9:04	06/12/12	Filter	PM-10 Filter Analysis
G12060291-002	AMS #2 pm2.5 #58597	05/16/12 9:35	06/12/12	Filter	Same As Above
G12060291-003	AMS #2 pm10 #58598	05/21/12 10:46	06/12/12	Filter	Same As Above
G12060291-004	AMS #3 pm10 #58675	05/23/12 9:00	06/12/12	Filter	Same As Above
G12060291-005	AMS #3 pm2.5 #58676	05/24/12 15:00	06/12/12	Filter	Same As Above
G12060291-006	AMS #4 pm2.5 #58677	05/30/12 10:25	06/12/12	Filter	Same As Above
G12060291-007	AMS #4 pm10 #58678	06/01/12 8:05	06/12/12	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: Bear Lodge

Sample Delivery Group: G12060291

Report Date: 06/18/12

CASE NARRATIVE

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

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-001	05/09/12	58596	06/15/12	12/14/11	1440	4.5942	4.5864	0.0078

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-002	05/14/12	58597	06/15/12	12/14/11	1441	4.6265	4.6121	0.0144

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams	Invalid Code
B12061187-003	05/16/12	58598	06/15/12	12/14/11	1440	4.5565	4.5557	0.0008	* 9976

Code #

* 9976

*** INVALID SAMPLE ***

Filter damage.

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-004	05/21/12	58675	06/15/12	05/15/12	1440	4.6668	4.6453	0.0215

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-005	05/23/12	58676	06/15/12	05/15/12	1440	4.5936	4.5758	0.0178

Date: 06/15/12

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

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-006	05/28/12	58677	06/15/12	05/15/12	1440	4.6116	4.6000	0.0116

Date: 06/15/12

2012 FILTER DATA
AMS#4, PM10
Site: Rare Element Resources

Lab. No.	Sample Date	Filter No.	Gross Wt. Date	Tare Wt. Date	Sampling Time,min	Gross Wt, grams	Tare Wt, grams	Net Wt, grams
B12061187-007	05/30/12	58678	06/15/12	05/15/12	1440	4.6486	4.6396	0.0090

Workorder Receipt Checklist



G12060291

Login completed by: Misty Voegelé

Date Received: 6/12/2012

Reviewed by: BL2000\kscottruff

Received by: pks

Reviewed Date: 6/13/2012

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"/>	
Container/Temp Blank temperature:	°C NA		
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

PLEASE PRINT (Provide as much information as possible.)

Company Name: Callie Taylor
Report Mail Address:

Project Name, PWS, Permit, Etc.
Contact Name: Barbara Taylor
Phone/Fax: Braslie (540)

State: WV
Email: K Thompson (307) 283-3500

EPA/State Compliance: Yes ☐ No ☐
Sampler: (Please Print) Callie Taylor

Invoice Address:

Invoice Contact & Phone:

Purchase Order:

Quote/Bottle Order:

Special Report/Formats:

☐ DW
☐ POTW/WWTP
☐ State: _____
☐ Other: _____
☒ FEDD/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)

RUSH

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

Comments:

Shipped by:

Cooler ID(s):

Recept Temp:

On Ice:

Custody Seal

On Bottle

On Cooler

Intact

Signature Match

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

Y N

LABORATORY USE ONLY

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	ANALYSIS REQUESTED	Standard Turnaround (TAT)	Comments:	Shipped by:	Cooler ID(s):	Recept Temp:	On Ice:	Custody Seal	On Bottle	On Cooler	Intact	Signature Match
AMS #1 58596 pm2.5 5-11-12	9:04	9:04	1-0	X	X										
AMS #2 58597 pm2.5 5-16-12	9:35	9:35	1-0												
AMS #2 58598 pm10 5-27-12	10:46	10:46	1-0												
AMS #3 58675 pm10 5-23-12	9:00	9:00	1-0												
AMS #3 58676 pm2.5 5-24-12	5:00	5:00	1-0												
AMS #4 58677 pm2.5 5-30-12	10:25	10:25	1-0												
AMS #4 58678 pm10 6-1-12	8:05	8:05	1-0												
9															
10															

Custody Record Callie Taylor Date/Time: 6-11-12 16:13 Signature: Callie Taylor

MUST be Signed

Sample Disposal: Return to Client:

Lab Disposal:

Received by Laboratory:

Date/Time: 6-11-12 16:13 Signature: Callie Taylor

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.