



## ANALYTICAL SUMMARY REPORT

September 17, 2012

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

Workorder No.: G12090110

Project Name: Bear Lodge

Energy Laboratories Inc. Gillette WY received the following 5 samples for Rare Element Resources Inc on 9/6/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G12090110-001	AMS #1 pm10 #58760	08/01/12 9:45	09/06/12	Filter	PM-10 Filter Analysis
G12090110-002	AMS #1 pm2.5 #58762	08/03/12 10:15	09/06/12	Filter	Same As Above
G12090110-003	AMS #2 pm2.5 #58764	08/08/12 7:45	09/06/12	Filter	Same As Above
G12090110-004	AMS #2 pm10 #58766	08/10/12 9:30	09/06/12	Filter	Same As Above
G12090110-005	AMS #3 pm10 #58768	08/15/12 10:30	09/06/12	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:** G12090110

**Report Date:** 09/17/12

## 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: 09/12/12

2012 FILTER DATA  
AMS#1, 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
B12090516-001	07/30/12	58760	09/12/12	06/19/12	1440	4.7205	4.6353	0.0852

Date: 09/12/12

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
B12090516-002	08/01/12	58762	09/12/12	06/19/12	1440	4.6302	4.5815	0.0487

Date: 09/12/12

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
B12090516-003	08/06/12	58764	09/12/12	06/19/12	1440	4.6395	4.6179	0.0216

Date: 09/12/12

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
B12090516-004	08/08/12	58766	09/12/12	06/19/12	1440	4.6151	4.6035	0.0116

Date: 09/12/12

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
B12090516-005	08/13/12	58768	09/12/12	06/19/12	1440	4.5668	4.5211	0.0457



# 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

G12090110

Login completed by: Amanda Alley

Date Received: 9/6/2012

Reviewed by: BL2000\kscottruff

Received by: kls

Reviewed Date: 9/7/2012

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



