

ANALYTICAL SUMMARY REPORT

June 28, 2012

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

Workorder No.: G12050337

Project Name: Bear Lodge

Energy Laboratories Inc. Gillette WY received the following 17 samples for Rare Element Resources Inc on 05/09/2012 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
G12050337-001	AMS#1 Continuous 1-13-12	01/13/12 11:18	05/09/12	Filter	Metals on air filter by ICP/ICPMS Digestion, Total Metals Nitric acid-extraction Radium 226 Thorium, Isotopic
G12050337-002	AMS#1 Continuous 3-09-12	03/09/12 11:29	05/09/12	Filter	Same As Above
G12050337-003	AMS#1 Continuous 2-14-12	02/14/12 11:23	05/09/12	Filter	Same As Above
G12050337-004	AMS#2 Continuous 1-20-12	01/20/12 11:10	05/09/12	Filter	Same As Above
G12050337-005	AMS#2 Continuous 2-21-12	02/21/12 11:36	05/09/12	Filter	Same As Above
G12050337-006	AMS#3 Continuous 1-30-12	01/30/12 12:05	05/09/12	Filter	Same As Above
G12050337-007	AMS#3 Continuous 3-5-12	03/05/12 12:14	05/09/12	Filter	Same As Above
G12050337-008	AMS#4 Continuous 1-9-12	01/09/12 10:30	05/09/12	Filter	Same As Above
G12050337-009	AMS#4 Continuous 2-6-12	02/06/12 11:40	05/09/12	Filter	Same As Above
G12050337-010	AMS#2 Continuous 3-19-12	03/19/12 13:46	05/09/12	Filter	Same As Above
G12050337-011	AMS#3 Continuous 3-26-12	03/26/12 11:55	05/09/12	Filter	Same As Above
G12050337-012	AMS#4 Continuous 3-30-12	03/30/12 10:12	05/09/12	Filter	Same As Above
G12050337-013	AMS#1 Continuous 4-6-12	04/06/12 12:44	05/09/12	Filter	Same As Above
G12050337-014	AMS#2 Continuous 4-13-12	04/13/12 10:36	05/09/12	Filter	Same As Above
G12050337-015	AMS#3 Continuous 4-20-12	04/20/12 10:00	05/09/12	Filter	Same As Above
G12050337-016	AMS#4 Continuous 4-30-12	04/30/12 12:05	05/09/12	Filter	Same As Above
G12050337-017	AMS#1 Continuous 5-7-12	05/07/12 12:14	05/09/12	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.



ANALYTICAL SUMMARY REPORT

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: G12050337

Report Date: 06/28/12

CASE NARRATIVE

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

Tests associated with analyst identified as ELI-CA were subcontracted to Energy Laboratories, 2393 Salt Creek Hwy., Casper, WY, EPA Number WY00002 and WY00937.

The Thorium recovery for LFB-62466 and LFBD-62466 was 35% and 37% respectively which is outside of the method recommended criteria of 80%-120%. It was determined in an in-house study that Thorium in concentrations greater than 1 mg/L recovers erratically through the digestion procedure outlined in 40 CFR 50G. The Thorium concentration in the LFB-62466 and LFBD-62466 was 100 mg/L. The Thorium concentration in the filters was below this concentration.

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-001
Client Sample ID AMS#1 Continuous 1-13-12

Report Date: 06/21/12
Collection Date: 01/13/12 11:18
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	13	ug/filter		1	0.002	E200.8	05/21/12 17:40 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 17:40 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 13:33 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:04 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	5.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	1.3	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	1.2	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.51	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.50	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions: RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-002
Client Sample ID AMS#1 Continuous 3-09-12

Report Date: 06/21/12
Collection Date: 03/09/12 11:29
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	13	ug/filter		1	0.002	E200.8	05/21/12 17:49 / eli-b
Lanthanum	6	ug/filter		1	0.001	E200.8	05/21/12 17:49 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 13:38 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:08 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	4.2	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	1.1	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.74	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.40	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.48	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-003
Client Sample ID AMS#1 Continuous 2-14-12

Report Date: 06/21/12
Collection Date: 02/14/12 11:23
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	14	ug/filter		1	0.002	E200.8	05/21/12 17:51 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 17:51 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 13:42 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:12 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	6.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	1.3	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.67	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.42	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.56	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-004
Client Sample ID AMS#2 Continuous 1-20-12

Report Date: 06/21/12
Collection Date: 01/20/12 11:10
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	11	ug/filter		1	0.002	E200.8	05/21/12 18:01 / eli-b
Lanthanum	6	ug/filter		1	0.001	E200.8	05/21/12 18:01 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 13:47 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:16 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	2.3	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	0.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.61	pCi/Filter	U			E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.51	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.82	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-005
Client Sample ID AMS#2 Continuous 2-21-12

Report Date: 06/21/12
Collection Date: 02/21/12 11:36
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	20	ug/filter		1	0.002	E200.8	05/21/12 18:02 / eli-b
Lanthanum	12	ug/filter		1	0.001	E200.8	05/21/12 18:02 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 13:51 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:21 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	7.4	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	1.3	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	1.1	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.46	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.43	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
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ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-006
Client Sample ID AMS#3 Continuous 1-30-12

Report Date: 06/21/12
Collection Date: 01/30/12 12:05
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	11	ug/filter		1	0.002	E200.8	05/21/12 18:04 / eli-b
Lanthanum	6	ug/filter		1	0.001	E200.8	05/21/12 18:04 / eli-b
Thorium	1	ug/filter		1	0.02	E200.8	05/17/12 13:55 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:25 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	0.6	pCi/Filter	U			E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	0.6	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.56	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.36	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.48	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-007
Client Sample ID AMS#3 Continuous 3-5-12

Report Date: 06/21/12
Collection Date: 03/05/12 12:14
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	10	ug/filter		1	0.002	E200.8	05/21/12 18:06 / eli-b
Lanthanum	5	ug/filter		1	0.001	E200.8	05/21/12 18:06 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 14:00 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:29 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	2.2	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	0.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.39	pCi/Filter	U			E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.31	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.49	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-008
Client Sample ID AMS#4 Continuous 1-9-12

Report Date: 06/21/12
Collection Date: 01/09/12 10:30
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	11	ug/filter		1	0.002	E200.8	05/21/12 18:07 / eli-b
Lanthanum	6	ug/filter		1	0.001	E200.8	05/21/12 18:07 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 14:04 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:33 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	4.3	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 precision (±)	1.0	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 10:31 / eli-c
RADIOCHEMICAL							
Thorium 230	0.94	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 precision (±)	0.47	pCi/Filter				E908.0	05/31/12 08:47 / eli-c
Thorium 230 MDC	0.54	pCi/Filter				E908.0	05/31/12 08:47 / eli-c

Report Definitions:
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-009
Client Sample ID AMS#4 Continuous 2-6-12

Report Date: 06/21/12
Collection Date: 02/06/12 11:40
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	13	ug/filter		1	0.002	E200.8	05/21/12 18:09 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 18:09 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 14:09 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:38 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	5.2	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	1.2	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	1.1	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.49	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.52	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
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MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-010
Client Sample ID AMS#2 Continuous 3-19-12

Report Date: 06/21/12
Collection Date: 03/19/12 13:46
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	15	ug/filter		1	0.002	E200.8	05/21/12 18:11 / eli-b
Lanthanum	8	ug/filter		1	0.001	E200.8	05/21/12 18:11 / eli-b
Thorium	5	ug/filter		1	0.02	E200.8	05/17/12 14:56 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 01:42 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	3.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	1.0	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.84	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.45	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.55	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
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ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-011
Client Sample ID AMS#3 Continuous 3-26-12

Report Date: 06/21/12
Collection Date: 03/26/12 11:55
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	13	ug/filter		1	0.002	E200.8	05/21/12 18:12 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 18:12 / eli-b
Thorium	3	ug/filter		1	0.02	E200.8	05/17/12 15:01 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:04 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	1.8	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	0.8	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.37	pCi/Filter	U			E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.34	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.55	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
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U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-012
Client Sample ID AMS#4 Continuous 3-30-12

Report Date: 06/21/12
Collection Date: 03/30/12 10:12
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	18	ug/filter		1	0.002	E200.8	05/21/12 18:14 / eli-b
Lanthanum	9	ug/filter		1	0.001	E200.8	05/21/12 18:14 / eli-b
Thorium	3	ug/filter		1	0.02	E200.8	05/17/12 15:05 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:08 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	4.1	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	1.0	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.52	pCi/Filter	U			E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.37	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.53	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-013
Client Sample ID AMS#1 Continuous 4-6-12

Report Date: 06/21/12
Collection Date: 04/06/12 12:44
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	20	ug/filter		1	0.002	E200.8	05/21/12 18:24 / eli-b
Lanthanum	10	ug/filter		1	0.001	E200.8	05/21/12 18:24 / eli-b
Thorium	3	ug/filter		1	0.02	E200.8	05/17/12 15:09 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:12 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	3.1	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	0.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.8	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.71	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.42	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.55	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-014
Client Sample ID AMS#2 Continuous 4-13-12

Report Date: 06/21/12
Collection Date: 04/13/12 10:36
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	20	ug/filter		1	0.002	E200.8	05/21/12 18:26 / eli-b
Lanthanum	11	ug/filter		1	0.001	E200.8	05/21/12 18:26 / eli-b
Thorium	4	ug/filter		1	0.02	E200.8	05/17/12 15:14 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:16 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	1.4	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	0.7	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.72	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.41	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.52	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-015
Client Sample ID AMS#3 Continuous 4-20-12

Report Date: 06/21/12
Collection Date: 04/20/12 10:00
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	14	ug/filter		1	0.002	E200.8	05/21/12 18:28 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 18:28 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 15:18 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:21 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	0.05	pCi/Filter	U			E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	0.7	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	1.2	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.99	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.49	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.58	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-016
Client Sample ID AMS#4 Continuous 4-30-12

Report Date: 06/21/12
Collection Date: 04/30/12 12:05
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	14	ug/filter		1	0.002	E200.8	05/21/12 18:30 / eli-b
Lanthanum	7	ug/filter		1	0.001	E200.8	05/21/12 18:30 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 15:23 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:25 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	3.7	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 precision (±)	1.1	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
Radium 226 MDC	0.9	pCi/Filter				E903.0	06/16/12 12:50 / eli-c
RADIOCHEMICAL							
Thorium 230	0.96	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.52	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.62	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

LABORATORY ANALYTICAL REPORT

Prepared by Gillette, WY Branch

Client: Rare Element Resources Inc
Project: Bear Lodge
Lab ID: G12050337-017
Client Sample ID AMS#1 Continuous 5-7-12

Report Date: 06/21/12
Collection Date: 05/07/12 12:14
DateReceived: 05/09/12
Matrix: Filter

Analyses	Result	Units	Qualifiers	RL	MDL	Method	Analysis Date / By
METALS IN AIR							
Cerium	15	ug/filter		1	0.002	E200.8	05/21/12 18:31 / eli-b
Lanthanum	8	ug/filter		1	0.001	E200.8	05/21/12 18:31 / eli-b
Thorium	2	ug/filter		1	0.02	E200.8	05/17/12 15:27 / eli-b
Uranium	ND	ug/filter		1	0.00005	E200.8	05/17/12 02:29 / eli-b
RADIONUCLIDES - TOTAL							
Radium 226	3.7	pCi/Filter				E903.0	06/16/12 21:26 / eli-c
Radium 226 precision (±)	1.1	pCi/Filter				E903.0	06/16/12 21:26 / eli-c
Radium 226 MDC	1	pCi/Filter				E903.0	06/16/12 21:26 / eli-c
RADIOCHEMICAL							
Thorium 230	1.1	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 precision (±)	0.46	pCi/Filter				E908.0	05/31/12 08:48 / eli-c
Thorium 230 MDC	0.41	pCi/Filter				E908.0	05/31/12 08:48 / eli-c

Report Definitions:
RL - Analyte reporting limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

MDL - Method detection limit
QCL - Quality control limit.
MDC - Minimum detectable concentration

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Rare Element Resources Inc

Report Date: 06/07/12

Project: Bear Lodge

Work Order: G12050337

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Analytical Run: ICPMS202-B_120516A		
Sample ID: QCS	Initial Calibration Verification Standard									05/16/12 23:30
Uranium		0.0188	mg/L	0.0010	94	90	110			
Method: E200.8								Batch: 62466		
Sample ID: MB-62466	Method Blank									05/17/12 00:42
Uranium		0.02	ug/filter	4E-06						
Sample ID: G12050337-017ADUP	Sample Duplicate									05/17/12 02:33
Uranium		0.702	ug/filter	1.0						20
Sample ID: LFB-62466	Laboratory Fortified Blank									05/17/12 02:42
Uranium		97.0	ug/filter	1.0	97	80	120			
Sample ID: LFBD-62466	Laboratory Fortified Blank Duplicate									05/17/12 03:04
Uranium		99.2	ug/filter	1.0	99	80	120	2.2		20
Sample ID: G12050337-010AMS	Sample Matrix Spike									05/17/12 03:08
Uranium		268	ug/filter	1.0	89	70	130			
Sample ID: G12050337-010AMSD	Sample Matrix Spike Duplicate									05/17/12 03:12
Uranium		272	ug/filter	1.0	90	70	130	1.6		20
Sample ID: G12050337-001AMS	Sample Matrix Spike									05/17/12 03:17
Uranium		264	ug/filter	1.0	88	70	130			
Sample ID: G12050337-001AMSD	Sample Matrix Spike Duplicate									05/17/12 03:21
Uranium		271	ug/filter	1.0	90	70	130	2.4		20

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Rare Element Resources Inc

Report Date: 06/07/12

Project: Bear Lodge

Work Order: G12050337

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Analytical Run: ICPMS202-B_120521B		
Sample ID: QCS	2	Initial Calibration Verification Standard								05/21/12 12:23
Cerium		0.0509	mg/L	0.0010	102	90	110			
Lanthanum		0.0503	mg/L	0.0010	101	90	110			
Method: E200.8								Batch: 62466		
Sample ID: MB-62466	2	Method Blank								05/21/12 17:10
Cerium		0.01	ug/filter	0.0002						
Lanthanum		0.01	ug/filter	0.0001						
Sample ID: LFB-62466	2	Laboratory Fortified Blank								05/21/12 17:23
Cerium		105	ug/filter	1.0	105	80	120			
Lanthanum		105	ug/filter	1.0	105	80	120			
Sample ID: LFBD-62466	2	Laboratory Fortified Blank Duplicate								05/21/12 17:35
Cerium		101	ug/filter	1.0	101	80	120			20
Lanthanum		101	ug/filter	1.0	101	80	120			20
Sample ID: G12050337-001AMS	2	Sample Matrix Spike								05/21/12 17:42
Cerium		292	ug/filter	1.0	93	70	130			
Lanthanum		286	ug/filter	1.0	93	70	130			
Sample ID: G12050337-001AMSD	2	Sample Matrix Spike Duplicate								05/21/12 17:44
Cerium		293	ug/filter	1.0	93	70	130	0.2		20
Lanthanum		287	ug/filter	1.0	93	70	130	0.2		20
Sample ID: G12050337-017ADUP	2	Sample Duplicate								05/21/12 18:33
Cerium		14.5	ug/filter	1.0				1.4		20
Lanthanum		7.51	ug/filter	1.0				3.1		20
Sample ID: G12050337-010AMS	2	Sample Matrix Spike								05/21/12 18:36
Cerium		290	ug/filter	1.0	92	70	130			
Lanthanum		282	ug/filter	1.0	91	70	130			
Sample ID: G12050337-010AMSD	2	Sample Matrix Spike Duplicate								05/21/12 18:38
Cerium		309	ug/filter	1.0	98	70	130	6.2		20
Lanthanum		299	ug/filter	1.0	97	70	130	6.0		20

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Rare Element Resources Inc

Report Date: 06/07/12

Project: Bear Lodge

Work Order: G12050337

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Analytical Run: ICPMS203-B_120517A		
Sample ID: QCS	Initial Calibration Verification Standard									05/17/12 12:31
Thorium		0.0204	mg/L	0.0010	102	90	110			
Method: E200.8										Batch: 62466
Sample ID: MB-62466	Method Blank				Run: ICPMS203-B_120517A				05/17/12 13:29	
Thorium		0.004	ug/filter	0.002						
Sample ID: G12050337-017ADUP	Sample Duplicate				Run: ICPMS203-B_120517A				05/17/12 15:31	
Thorium		2.09	ug/filter	1.0				0.5	20	
Sample ID: LFB-62466	Laboratory Fortified Blank				Run: ICPMS203-B_120517A				05/17/12 15:58	
Thorium		35.4	ug/filter	1.0	35	80	120			S
Sample ID: LFBD-62466	Laboratory Fortified Blank Duplicate				Run: ICPMS203-B_120517A				05/17/12 16:03	
Thorium		37.3	ug/filter	1.0	37	80	120	35	20	SR
Sample ID: G12050337-001AMS	Sample Matrix Spike				Run: ICPMS203-B_120517A				05/17/12 16:07	
Thorium		302	ug/filter	1.0	100	70	130			
Sample ID: G12050337-001AMSD	Sample Matrix Spike Duplicate				Run: ICPMS203-B_120517A				05/17/12 16:11	
Thorium		310	ug/filter	1.0	103	70	130	2.6	20	
Sample ID: G12050337-010AMS	Sample Matrix Spike				Run: ICPMS203-B_120517A				05/17/12 16:16	
Thorium		306	ug/filter	1.0	100	70	130			
Sample ID: G12050337-010AMSD	Sample Matrix Spike Duplicate				Run: ICPMS203-B_120517A				05/17/12 16:20	
Thorium		304	ug/filter	1.0	100	70	130	0.8	20	

Qualifiers:

RL - Analyte reporting limit.

R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Rare Element Resources Inc

Project: Bear Lodge

Report Date: 06/18/12

Work Order: G12050337

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: 33674
Sample ID: LCS-33674	Laboratory Control Sample								
Radium 226	8.66	pCi/Filter	74		70	130			Run: BERTHOLD 770-1_120608A 06/16/12 10:31
Sample ID: G12050337-015BMS	Sample Matrix Spike								
Radium 226	79.9	pCi/Filter	95		70	130			Run: BERTHOLD 770-1_120608A 06/16/12 12:50
Sample ID: G12050337-015BMSD	Sample Matrix Spike Duplicate								
Radium 226	77.4	pCi/Filter	92		70	130	3.2	25.4	Run: BERTHOLD 770-1_120608A 06/16/12 12:50
Sample ID: MB-33674	Method Blank								
Radium 226	-0.2	pCi/Filter							Run: BERTHOLD 770-1_120608A 06/16/12 21:26
Radium 226 precision (±)	0.1	pCi/Filter							U
Radium 226 MDC	0.3	pCi/Filter							

Qualifiers:

RL - Analyte reporting limit.

MDC - Minimum detectable concentration

ND - Not detected at the reporting limit.

U - Not detected at minimum detectable concentration

QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Rare Element Resources Inc

Report Date: 06/18/12

Project: Bear Lodge

Work Order: G12050337

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E908.0									Batch: 33674
Sample ID: G12050337-017BMS	Sample Matrix Spike					Run: ALPHANALYST_120529A			05/31/12 08:48
Thorium 230	49.8	pCi/Filter		95	70	130			
Sample ID: G12050337-017BMSD	Sample Matrix Spike Duplicate					Run: ALPHANALYST_120529A			05/31/12 08:48
Thorium 230	51.6	pCi/Filter		98	70	130	3.5	30.3	
Sample ID: LCS-33674	Laboratory Control Sample					Run: ALPHANALYST_120529A			05/31/12 08:48
Thorium 230	10.9	pCi/Filter		110	80	120			
Sample ID: MB-33674	Method Blank					Run: ALPHANALYST_120529A			05/31/12 08:48
Thorium 230	0.1	pCi/Filter							
Thorium 230 precision (\pm)	0.09	pCi/Filter							
Thorium 230 MDC	0.1	pCi/Filter							

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

MDC - Minimum detectable concentration

Workorder Receipt Checklist



G12050337

Login completed by: Misty Voegelé

Date Received: 5/9/2012

Reviewed by: BL2000\kscottruff

Received by: amm

Reviewed Date: 5/11/2012

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

Page 27 of 37

This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.



PLEASE PRINT (Provide as much information as possible)

Project Name, PWS, Permit, Etc.

Sample Origin

EPA/State Compliance:

Yes ☐ No ☐

Company Name:

Report Mail Address:

Contact Name:

Contact Phone/Fax:

Phone/Fax:

307-283-3500

Email:

Invoice Address:

Invoice Contact & Phone:

Purchase Order:

Quote/Bottle Order:

Special Report/Formats:

☐ DW
☐ POTW/WWTP
☐ State: _____
☐ Other: _____☒ BEDD/EDT (Electronic Data)
Format: _____
☐ LEVEL IV
☐ NELACNumber 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/Bottle(s):Refrigerant temp
N/A °COn Ice: ☒ NCustody Seal
On Bottle: Y N

On Cooler: Y N

Intact: Y N

Signature: Y N

Match: Y N

SAMPLE IDENTIFICATION
(Name, Location, Interval, etc.)

Collection Date

Collection Time

MATRIX

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #3 Continuous 3-26-12 3-26-12 11:55 1-C

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #1 Continuous 3-30-12 3-30-12 10:12

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #1 Continuous 4-6-12 4-6-12 12:44

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #2 Continuous 4-13-12 4-13-12 10:36

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #3 Continuous 4-30-12 4-30-12 10:00

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS #4 Continuous 4-30-12 4-30-12 12:05

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

AMS # Continuous 5-7-12 5-7-12 12:14

ANALYSIS REQUESTED

SEE ATTACHED

Standard Turnaround (TAT)

R U S H

Contact ELI prior to
RUSH sample submittal
for charges and
scheduling - See
Instruction PageShipped by:
Cooler/Bottle(s):Refrigerant temp
N/A °C

Custody Record MUST be Signed

Relinquished by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:Received by (print):
Signature:
Date/Time:

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.

AMS #1 Continuous

#7

Start: 12-23-11 9:00

Stop: 1-13-12 11:17

Collected: 1-13-12 11:18

TF 12149024SCF

1844263.8 4CF

56368.7 ET Min

Lab ID: G12050337-001A
ID: AMS#1 Continuous 1-13-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/13/2012 11:18:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-001B
ID: AMS#1 Continuous 1-13-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/13/2012 11:18:00 AM
Bottle: 1 of 1 Filter

AMS #1 Continuous

collect - 03-09-12 11:29

Start - 02-21-12 10:57

Stop - 03-09-12 11:29

IF

SCF - 475690.5

ACF - 2306885.7

ET Min - 24463.8

Lab ID: G12050337-002A
ID: AMS #1 Continuous 3-09-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 3/9/2012 11:29:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-002B
ID: AMS #1 Continuous 3-09-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 3/9/2012 11:29:00 AM
Bottle: 1 of 1 Filter

AVIP

Collect-ed 62-14-12 11:23

Start 01-20-12 10:25

Stop 02-14-12 11:23

144533.9 SCF

2448165.5 ACF

36059.0 min ET

Lab ID: G12050337-003A
ID: AMS#1 Continuous 2-14-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 2/14/2012 11:23:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-003B
ID: AMS#1 Continuous 2-14-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 2/14/2012 11:23:00 AM
Bottle: 1 of 1 Filter

AMS#2 CC 11/12/2012

Collect-ed 1-20-12 11:10

Start 12-30-11

Stop 1-20-12 11:10

1282959.4 SCF

2221650.7 ACF

30279.4 ET min

Lab ID: G12050337-004A
ID: AMS#2 Continuous 1-20-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/20/2012 11:10:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-004B
ID: AMS#2 Continuous 1-20-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/20/2012 11:10:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-005A
ID: AMS#2 Continuous 2-21-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 2/21/2012 11:36:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-005B
ID: AMS#2 Continuous 2-21-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 2/21/2012 11:36:00 AM
Bottle: 1 of 1 Filter

start: 1-30-12 10:53
stop: 2-21-12 11:36
TT 1273048.3 SCF
2048341.3 AC F
31727.6 ET min

Collected 2-21-12 11:36

AMS #3 Continuous

start 1-9-12 9:48

EVD: 1-30-12 12:05

1279709.4 SCF

1964936.5 AC F

30.364.4 MINET

collected 1-30-12 12:05

Lab ID: G12050337-006A
ID: AMS#3 Continuous 1-30-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/30/2012 12:05:00 PM
Bottle: 1 of 1 Filter

Lab ID: G12050337-006B
ID: AMS#3 Continuous 1-30-12
Client ID: RR-ELMNT-RSRCs
Received: 5/9/2012 2:00:00 PM
Collected: 1/30/2012 12:05:00 PM
Bottle: 1 of 1 Filter

7/11/2012

12.14 collect 03-05-12

1533773.4 SCF

2211212.1 ACF

30304.7 E T min

stop 02-13-12 11⁰⁰

stop 03-05-12 12.14

Lab ID: G12050337-007A
ID: AMS#3 Continuous 3-5-12
Client ID: RR-ELMINT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 3/5/2012 12:14:00 PM
Bottle: 1 of 1 Filter

Lab ID: G12050337-007B
ID: AMS#3 Continuous 3-5-12
Client ID: RR-ELMINT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 3/5/2012 12:14:00 PM
Bottle: 1 of 1 Filter

AMS #4 Continuous

1563315.14 CF

1210744.8 SCF

30266.4 E T min

Collected 1-9-12 10:30

stop 12-19-11

end 1-9-12 10:30

Lab ID: G12050337-008A
ID: AMS#4 Continuous 1-9-12
Client ID: RR-ELMINT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 1/9/2012 10:30:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-008B
ID: AMS#4 Continuous 1-9-12
Client ID: RR-ELMINT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 1/9/2012 10:30:00 AM
Bottle: 1 of 1 Filter

start - 1-3-12 10:13
END - 2-6-12 11:40
11523331.05CF
1767869.9 ACF
28804.4 min ET
collected 2-6-12 11:40

Lab ID: G12050337-009A
ID: AMS#4 Continuous 2-6-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 2/6/2012 11:40:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-009B
ID: AMS#4 Continuous 2-6-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 2/6/2012 11:40:00 AM
Bottle: 1 of 1 Filter

AMS # 2 Continuous

collected - 3-19-12 Time: 1346
TF

SCF 812255.2
ACF 1061762.4

BT min 20259.9

Start: 3-5-12 11:03

Stop - 3-19-12 13:44

Lab ID: G12050337-010A
ID: AMS#2 Continuous 3-19-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 3/19/2012 1:46:00 PM
Bottle: 1 of 1 Filter

Lab ID: G12050337-010B
ID: AMS#2 Continuous 3-19-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 3/19/2012 1:46:00 PM
Bottle: 1 of 1 Filter

Collect 3-26-12 11:55
 Start 3-9-12 10:05
 Stop 3-26-12 11:55
 TF 1309644.5 SAF
 1527004.2 ACF
 24528.9 ETmin

Lab ID: G12050337-011A
 ID: AMS#3 Continuous 3-26-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 3/26/2012 11:55:00 AM
 Bottle: 1 of 1 Filter

Lab ID: G12050337-011B
 ID: AMS#3 Continuous 3-26-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 3/26/2012 11:55:00 AM
 Bottle: 1 of 1 Filter

AMS #4 Continuous
 Collected 3-30-12 10:12
 Start - 2-13-12 10:30
 Stop - 3-30-12 10:12
 TF 1418062.2 SCF
 1751147.1 ACF
 35447.7 EImin

Lab ID: G12050337-012A
 ID: AMS#4 Continuous 3-30-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 3/30/2012 10:12:00 AM
 Bottle: 1 of 1 Filter

Lab ID: G12050337-012B
 ID: AMS#4 Continuous 3-30-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 3/30/2012 10:12:00 AM
 Bottle: 1 of 1 Filter

collect 4-6-12 12:44

Sheet - 5-19-12 12:16

Stop . 4-6-12 12:44

TF 1038243.8 SCF

1157344.0 ACF

25948.5 EThin

Lab ID: G12050337-013A
ID: AMS#1 Continuous 4-6-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/6/2012 12:44:00 PM
Bottle: 1 of 1 Filter

Lab ID: G12050337-013B
ID: AMS#1 Continuous 4-6-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/6/2012 12:44:00 PM
Bottle: 1 of 1 Filter

AMS#2 Antinutrients

Collect 4-13-12 10:36

Stop 3-26-12 10:30

Stop 4-13-12 10:36

TF 1796580.0 SCF

2235168.5 ACF

25907.4 ETmin

Lab ID: G12050337-014A
ID: AMS#2 Continuous 4-13-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/13/2012 10:36:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-014B
ID: AMS#2 Continuous 4-13-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/13/2012 10:36:00 AM
Bottle: 1 of 1 Filter

Collect 4-20-12 10:00
Start 3-30-12 9:15
Stop 4-20-12 10:00

TF 17003977.2 SCF
1964447.7 SCF
30274.4 ETmin

Lab ID: G12050337-015A
ID: AMS#3 Continuous 4-20-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/20/2012 10:00:00 AM
Bottle: 1 of 1 Filter

Lab ID: G12050337-015B
ID: AMS#3 Continuous 4-20-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/20/2012 10:00:00 AM
Bottle: 1 of 1 Filter

AMS #4 Cont. min
Collect 4-30-12 12:05
Start 4-6-12 11:10
Stop 4-30-12 12:05
TF 1384084.2 SCF
1622769.1 SCF
34598.6 ETmin

Lab ID: G12050337-016A
ID: AMS#4 Continuous 4-30-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/30/2012 12:05:00 PM
Bottle: 1 of 1 Filter

Lab ID: G12050337-016B
ID: AMS#4 Continuous 4-30-12
Client ID: RR-ELMNT-RSRCS
Received: 5/9/2012 2:00:00 PM
Collected: 4/30/2012 12:05:00 PM
Bottle: 1 of 1 Filter

7th D
 Collect 5-7-12 12:14
 4-13-12 10⁰⁰
 5-7-12 12:14
 TF 1387825.5 SCF
 1504531.3 ACF
 34687.5 ET min

Lab ID: G12050337-017A
 ID: AMS#1 Continuous 5-7-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 5/7/2012 12:14:00 PM
 Bottle: 1 of 1 Filter

Lab ID: G12050337-017B
 ID: AMS#1 Continuous 5-7-12
 Client ID: RR-ELMNT-RSRCs
 Received: 5/9/2012 2:00:00 PM
 Collected: 5/7/2012 12:14:00 PM
 Bottle: 1 of 1 Filter