

Zach Rogers
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November 6, 2008

Project ID: PINION RIDGE
ACZ Project ID: L72283

Zach Rogers:

Enclosed are revised analytical reports for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on October 8, 2008 and reported on November 4, 2008. Refer to the case narrative for an explanation of the changes. This project was assigned to ACZ's project number, L72283. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan, version 12.0. The enclosed results relate only to the samples received under L72283. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all the requirements of NELAC.

This report should be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after December 4, 2008. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than \$10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years. Please notify your Project Manager if you have other needs.

If you have any questions, please contact your Project Manager or Customer Service Representative.



Tony Antalek has reviewed and approved this report.



Energy Fuels Resources Corporation

November 07, 2008

Project ID: PINON RIDGE

ACZ Project ID: L72283

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 2 miscellaneous samples from Energy Fuels Resources Corporation on October 8, 2008. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L72283. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses except those qualified with an ACZ 'H' flag were performed within EPA recommended holding times.

Sample Analysis

This sample was analyzed for inorganic and radiochemistry parameters. The individual methods are referenced on both the ACZ invoice and the analytical reports. The extended qualifier reports may contain footnotes qualifying specific elements due to QC failures. In addition the following has been noted with this specific project:

1. The pH determinations were qualified with the ACZ 'N1' flag as centrifugation was required prior to analysis.
2. The Dissolved Radium 228 analyses were qualified with the ACZ 'N1' flag due to a duplicate quality control failure. However, as there was insufficient sample remaining for reanalysis, the data was accepted.
3. The Isotopic Thorium analysis was qualified with the ACZ 'N1' flag due to laboratory control sample failure. However, as tracer recoveries were within control limits, the data was deemed to be acceptable.
4. This is a revised report. Sample collection times have been edited and an 'H' flag was removed from sample -02 (NO3NO2).

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: S-1

ACZ Sample ID: **L72283-01**
Date Sampled: 10/06/08 00:00
Date Received: 10/08/08
Sample Matrix: Surface Water

Inorganic Prep

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS | | | * | | | | 10/14/08 12:19 | rac |
| Total Hot Plate Digestion | M200.2 ICP | | | | | | | 10/09/08 16:46 | jws |

Metals Analysis

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, dissolved | M200.7 ICP | 0.14 | B | | mg/L | 0.03 | 0.2 | 10/21/08 17:20 | ear/aeh |
| Antimony, dissolved | M200.8 ICP-MS | 0.0012 | B | | mg/L | 0.0004 | 0.002 | 10/21/08 8:28 | erf |
| Antimony, total | M200.8 ICP-MS | | U | | mg/L | 0.002 | 0.01 | 10/16/08 20:45 | erf |
| Arsenic, dissolved | M200.8 ICP-MS | 0.0120 | | | mg/L | 0.0005 | 0.001 | 10/21/08 8:28 | erf |
| Arsenic, total | M200.8 ICP-MS | 0.050 | | | mg/L | 0.003 | 0.005 | 10/16/08 20:45 | erf |
| Barium, dissolved | M200.7 ICP | 0.133 | | | mg/L | 0.003 | 0.02 | 10/21/08 17:20 | ear/aeh |
| Beryllium, dissolved | M200.7 ICP | | U | | mg/L | 0.002 | 0.01 | 10/21/08 17:20 | ear/aeh |
| Cadmium, dissolved | M200.8 ICP-MS | 0.0002 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:28 | erf |
| Cadmium, total | M200.8 ICP-MS | 0.0045 | | | mg/L | 0.0005 | 0.003 | 10/16/08 20:45 | erf |
| Chromium, total | M200.7 ICP | 0.08 | | | mg/L | 0.01 | 0.05 | 10/10/08 19:30 | aeh |
| Copper, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 10/21/08 17:20 | ear/aeh |
| Iron, dissolved | M200.7 ICP | 0.09 | | | mg/L | 0.02 | 0.05 | 10/21/08 17:20 | ear/aeh |
| Lead, dissolved | M200.8 ICP-MS | 0.0007 | | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:28 | erf |
| Lead, total | M200.8 ICP-MS | 0.0891 | | | mg/L | 0.0005 | 0.003 | 10/16/08 20:45 | erf |
| Manganese, dissolved | M200.7 ICP | 0.228 | | | mg/L | 0.005 | 0.03 | 10/21/08 17:20 | ear/aeh |
| Mercury, dissolved | M245.1 CVAA | | U | | mg/L | 0.0002 | 0.001 | 10/30/08 12:20 | pmc |
| Mercury, total | M245.1 CVAA | | U | | mg/L | 0.0002 | 0.001 | 10/27/08 12:28 | pmc |
| Molybdenum, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 10/21/08 17:20 | ear/aeh |
| Nickel, dissolved | M200.8 ICP-MS | 0.0017 | B | | mg/L | 0.0006 | 0.003 | 10/21/08 8:28 | erf |
| Potassium, dissolved | M200.7 ICP | 15.0 | | | mg/L | 0.3 | 2 | 10/21/08 17:20 | ear/aeh |
| Selenium, dissolved | M200.8 ICP-MS | 0.0003 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:28 | erf |
| Selenium, total | M200.8 ICP-MS | 0.0024 | B | | mg/L | 0.0005 | 0.003 | 10/16/08 20:45 | erf |
| Silver, dissolved | M200.7 ICP | | U | * | mg/L | 0.01 | 0.03 | 10/21/08 17:20 | ear/aeh |
| Thallium, dissolved | M200.8 ICP-MS | | U | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:28 | erf |
| Thallium, total | M200.8 ICP-MS | 0.0033 | | | mg/L | 0.0005 | 0.003 | 10/16/08 20:45 | erf |
| Uranium, dissolved | M200.8 ICP-MS | 0.0001 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:28 | erf |
| Vanadium, dissolved | M200.7 ICP | 0.018 | B | | mg/L | 0.005 | 0.03 | 10/21/08 17:20 | ear/aeh |
| Zinc, total | M200.8 ICP-MS | 0.44 | | | mg/L | 0.01 | 0.05 | 10/16/08 20:45 | erf |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: S-1

ACZ Sample ID: **L72283-01**
Date Sampled: 10/06/08 00:00
Date Received: 10/08/08
Sample Matrix: Surface Water

Wet Chemistry

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Fluoride | SM4500F-C | | U | * | mg/L | 1 | 5 | 10/19/08 11:40 | jif |
| Lab Filtration | SM 3030 B | | | * | | | | 10/09/08 10:47 | abm |
| Lab Filtration & Acidification | SM 3030 B | | | * | | | | 10/17/08 11:55 | kah |
| Nitrate as N, dissolved | Calculation: NO3NO2 minus NO2 | 1.88 | | | mg/L | 0.02 | 0.1 | 11/03/08 15:05 | calc |
| Nitrate/Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | 1.91 | H | * | mg/L | 0.02 | 0.1 | 10/08/08 19:43 | pjb |
| Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | 0.03 | HB | * | mg/L | 0.01 | 0.05 | 10/08/08 19:43 | pjb |
| pH (lab) | SM4500H+ B | | | | | | | | |
| pH | | 8.1 | H | * | units | 0.1 | 0.1 | 10/16/08 0:00 | jif |
| pH measured at | | 21.0 | | | C | 0.1 | 0.1 | 10/16/08 0:00 | jif |
| Residue, Filterable (TDS) @180C | SM2540C | 1170 | | | mg/L | 10 | 20 | 10/10/08 15:53 | jif |
| Residue, Non-Filterable (TSS) @105C | SM2540D | 3500 | | * | mg/L | 100 | 400 | 10/13/08 12:57 | abm |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: S-3

ACZ Sample ID: **L72283-02**
Date Sampled: 10/06/08 20:00
Date Received: 10/08/08
Sample Matrix: Surface Water

Inorganic Prep

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS | | | * | | | | 10/14/08 12:28 | rac |
| Total Hot Plate Digestion | M200.2 ICP | | | * | | | | 10/21/08 18:22 | jws |

Metals Analysis

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, dissolved | M200.7 ICP | 1.16 | | | mg/L | 0.03 | 0.2 | 10/21/08 17:24 | ear/aeh |
| Antimony, dissolved | M200.8 ICP-MS | 0.0016 | B | | mg/L | 0.0004 | 0.002 | 10/21/08 8:34 | erf |
| Antimony, total | M200.8 ICP-MS | | U | | mg/L | 0.002 | 0.01 | 10/16/08 20:51 | erf |
| Arsenic, dissolved | M200.8 ICP-MS | 0.0231 | | | mg/L | 0.0005 | 0.001 | 10/21/08 8:34 | erf |
| Arsenic, total | M200.8 ICP-MS | 0.048 | | | mg/L | 0.003 | 0.005 | 10/16/08 20:51 | erf |
| Barium, dissolved | M200.7 ICP | 0.486 | | | mg/L | 0.003 | 0.02 | 10/21/08 17:24 | ear/aeh |
| Beryllium, dissolved | M200.7 ICP | | U | | mg/L | 0.002 | 0.01 | 10/21/08 17:24 | ear/aeh |
| Cadmium, dissolved | M200.8 ICP-MS | 0.0004 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:34 | erf |
| Cadmium, total | M200.8 ICP-MS | 0.0034 | | | mg/L | 0.0005 | 0.003 | 10/16/08 20:51 | erf |
| Chromium, total | M200.7 ICP | 0.10 | B | | mg/L | 0.02 | 0.1 | 10/23/08 11:48 | aeh |
| Copper, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 10/21/08 17:24 | ear/aeh |
| Iron, dissolved | M200.7 ICP | 0.10 | | | mg/L | 0.02 | 0.05 | 10/21/08 17:24 | ear/aeh |
| Lead, dissolved | M200.8 ICP-MS | 0.0026 | | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:34 | erf |
| Lead, total | M200.8 ICP-MS | 0.0925 | | | mg/L | 0.0005 | 0.003 | 10/16/08 20:51 | erf |
| Manganese, dissolved | M200.7 ICP | 0.645 | | | mg/L | 0.005 | 0.03 | 10/21/08 17:24 | ear/aeh |
| Mercury, dissolved | M245.1 CVAA | | U | | mg/L | 0.0002 | 0.001 | 10/30/08 12:27 | pmc |
| Mercury, total | M245.1 CVAA | | U | | mg/L | 0.0002 | 0.001 | 10/27/08 12:35 | pmc |
| Molybdenum, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 10/21/08 17:24 | ear/aeh |
| Nickel, dissolved | M200.8 ICP-MS | 0.0034 | | | mg/L | 0.0006 | 0.003 | 10/21/08 8:34 | erf |
| Potassium, dissolved | M200.7 ICP | 9.8 | | | mg/L | 0.3 | 2 | 10/21/08 17:24 | ear/aeh |
| Selenium, dissolved | M200.8 ICP-MS | 0.0002 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:34 | erf |
| Selenium, total | M200.8 ICP-MS | 0.0022 | B | | mg/L | 0.0005 | 0.003 | 10/16/08 20:51 | erf |
| Silver, dissolved | M200.7 ICP | | U | * | mg/L | 0.01 | 0.03 | 10/21/08 17:24 | ear/aeh |
| Thallium, dissolved | M200.8 ICP-MS | | U | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:34 | erf |
| Thallium, total | M200.8 ICP-MS | 0.0024 | B | | mg/L | 0.0005 | 0.003 | 10/16/08 20:51 | erf |
| Uranium, dissolved | M200.8 ICP-MS | 0.0002 | B | | mg/L | 0.0001 | 0.0005 | 10/21/08 8:34 | erf |
| Vanadium, dissolved | M200.7 ICP | 0.019 | B | | mg/L | 0.005 | 0.03 | 10/21/08 17:24 | ear/aeh |
| Zinc, total | M200.8 ICP-MS | 0.40 | | | mg/L | 0.01 | 0.05 | 10/16/08 20:51 | erf |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: S-3

ACZ Sample ID: **L72283-02**
Date Sampled: 10/06/08 20:00
Date Received: 10/08/08
Sample Matrix: Surface Water

Wet Chemistry

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Fluoride | SM4500F-C | | U | * | mg/L | 1 | 5 | 10/19/08 11:47 | jif |
| Lab Filtration | SM 3030 B | | | * | | | | 10/09/08 10:51 | abm |
| Lab Filtration & Acidification | SM 3030 B | | | * | | | | 10/17/08 12:02 | kah |
| Nitrate as N, dissolved | Calculation: NO3NO2 minus NO2 | 0.74 | | | mg/L | 0.02 | 0.1 | 11/06/08 0:00 | calc |
| Nitrate/Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | 0.79 | | | mg/L | 0.02 | 0.1 | 10/08/08 19:44 | pjb |
| Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | 0.05 | | * | mg/L | 0.01 | 0.05 | 10/08/08 19:44 | pjb |
| pH (lab) | SM4500H+ B | | | | | | | | |
| pH | | 8.2 | H | * | units | 0.1 | 0.1 | 10/16/08 0:00 | jif |
| pH measured at | | 22.0 | | | C | 0.1 | 0.1 | 10/16/08 0:00 | jif |
| Residue, Filterable (TDS) @180C | SM2540C | 1320 | | | mg/L | 10 | 20 | 10/10/08 15:54 | jif |
| Residue, Non-Filterable (TSS) @105C | SM2540D | 1800 | | * | mg/L | 100 | 400 | 10/13/08 12:58 | abm |

Report Header Explanations

| | |
|---------|---|
| Batch | A distinct set of samples analyzed at a specific time |
| Found | Value of the QC Type of interest |
| Limit | Upper limit for RPD, in %. |
| Lower | Lower Recovery Limit, in % (except for LCSS, mg/Kg) |
| MDL | Method Detection Limit. Same as Minimum Reporting Limit. Allows for instrument and annual fluctuations. |
| PCN/SCN | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis |
| PQL | Practical Quantitation Limit, typically 5 times the MDL. |
| QC | True Value of the Control Sample or the amount added to the Spike |
| Rec | Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg) |
| RPD | Relative Percent Difference, calculation used for Duplicate QC Types |
| Upper | Upper Recovery Limit, in % (except for LCSS, mg/Kg) |
| Sample | Value of the Sample of interest |

QC Sample Types

| | | | |
|-------|--|-------|--|
| AS | Analytical Spike (Post Digestion) | LCSWD | Laboratory Control Sample - Water Duplicate |
| ASD | Analytical Spike (Post Digestion) Duplicate | LFB | Laboratory Fortified Blank |
| CCB | Continuing Calibration Blank | LFM | Laboratory Fortified Matrix |
| CCV | Continuing Calibration Verification standard | LFMD | Laboratory Fortified Matrix Duplicate |
| DUP | Sample Duplicate | LRB | Laboratory Reagent Blank |
| ICB | Initial Calibration Blank | MS | Matrix Spike |
| ICV | Initial Calibration Verification standard | MSD | Matrix Spike Duplicate |
| ICSAB | Inter-element Correction Standard - A plus B solutions | PBS | Prep Blank - Soil |
| LCSS | Laboratory Control Sample - Soil | PBW | Prep Blank - Water |
| LCSSD | Laboratory Control Sample - Soil Duplicate | PQV | Practical Quantitation Verification standard |
| LCSW | Laboratory Control Sample - Water | SDL | Serial Dilution |

QC Sample Type Explanations

| | |
|-------------------------|---|
| Blanks | Verifies that there is no or minimal contamination in the prep method or calibration procedure. |
| Control Samples | Verifies the accuracy of the method, including the prep procedure. |
| Duplicates | Verifies the precision of the instrument and/or method. |
| Spikes/Fortified Matrix | Determines sample matrix interferences, if any. |
| Standard | Verifies the validity of the calibration. |

ACZ Qualifiers (Qual)

| | |
|---|---|
| B | Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity. |
| H | Analysis exceeded method hold time. pH is a field test with an immediate hold time. |
| U | The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit. |

Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (5) EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December 1996.
- (6) Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995.

Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Aluminum, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|-------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 2.041 | mg/L | 102.1 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .15 | | .157 | mg/L | 104.7 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | 200.15 | | 198.478 | mg/L | 99.2 | 1 | 200 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | 1 | | .994 | mg/L | 99.4 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | 1 | 1.16 | 2.169 | mg/L | 100.9 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | 1 | 1.16 | 2.177 | mg/L | 101.7 | 85 | 115 | 0.37 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .993 | mg/L | 99.3 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.059 | mg/L | 105.9 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | 1.007 | mg/L | 100.7 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.09 | 0.09 | | | |

Antimony, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|------|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .02 | | .02126 | mg/L | 106.3 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | .00052 | mg/L | | -0.0012 | 0.0012 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .002 | | .00248 | mg/L | 124 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .01 | | .00979 | mg/L | 97.9 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .0125 | | .01202 | mg/L | 96.2 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .01 | U | .00975 | mg/L | 97.5 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .01 | U | .00982 | mg/L | 98.2 | 70 | 130 | 0.72 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .0125 | | .01241 | mg/L | 99.3 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .0125 | | .01183 | mg/L | 94.6 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |

Antimony, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .02 | | .02014 | mg/L | 100.7 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | .00047 | mg/L | | -0.0012 | 0.0012 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.00088 | 0.00088 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .01 | | .01072 | mg/L | 107.2 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .01 | U | .0109 | mg/L | 109 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .01 | U | .01054 | mg/L | 105.4 | 70 | 130 | 3.36 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .0125 | | .01276 | mg/L | 102.1 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .0125 | | .01247 | mg/L | 99.8 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .0125 | | .01228 | mg/L | 98.2 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | U | mg/L | | -0.0012 | 0.0012 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Arsenic, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|--------|-------|-------|---------|--------|------|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05276 | mg/L | 105.5 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .001 | | .00117 | mg/L | 117 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .05 | | .04934 | mg/L | 98.7 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .25 | | .2451 | mg/L | 98 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .05 | .0008 | .05701 | mg/L | 112.4 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .05 | .0008 | .05704 | mg/L | 112.5 | 70 | 130 | 0.05 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .25 | | .2405 | mg/L | 96.2 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | .00076 | mg/L | | -0.0015 | 0.0015 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .25 | | .2394 | mg/L | 95.8 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | .00076 | mg/L | | -0.0015 | 0.0015 | | | |

Arsenic, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|---------|--------|-----|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .0484 | mg/L | 96.8 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.0011 | 0.0011 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .05 | | .05135 | mg/L | 102.7 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .05 | .0016 | .05441 | mg/L | 105.6 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .05 | .0016 | .05312 | mg/L | 103 | 70 | 130 | 2.4 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .25 | | .2674 | mg/L | 107 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .25 | | .2631 | mg/L | 105.2 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .25 | | .2566 | mg/L | 102.6 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |

Barium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|--------|-------|-------|--------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | 11080818-1 | 2 | | 2.0188 | mg/L | 100.9 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.009 | 0.009 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | 11080922-2 | .015 | | .0155 | mg/L | 103.3 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | 11080925-3 | .1 | | .0976 | mg/L | 97.6 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | 11081016-2 | .5 | | .4896 | mg/L | 97.9 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | 11081016-2 | .5 | .486 | .9674 | mg/L | 96.3 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | 11081016-2 | .5 | .486 | .9669 | mg/L | 96.2 | 85 | 115 | 0.05 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | 11080819-1 | 1 | | .9822 | mg/L | 98.2 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.009 | 0.009 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | 11080819-1 | 1 | | 1.076 | mg/L | 107.6 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.009 | 0.009 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | 11080819-1 | 1 | | 1.0149 | mg/L | 101.5 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.009 | 0.009 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Beryllium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|--------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 1.9468 | mg/L | 97.3 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .01 | | .0098 | mg/L | 98 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | .1 | | .0934 | mg/L | 93.4 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | .5 | | .4838 | mg/L | 96.8 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | .5 | U | .4952 | mg/L | 99 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | .5 | U | .491 | mg/L | 98.2 | 85 | 115 | 0.85 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .9587 | mg/L | 95.9 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.0385 | mg/L | 103.9 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | .9837 | mg/L | 98.4 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.006 | 0.006 | | | |

Cadmium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|------|---------|--------|------|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .04963 | mg/L | 99.3 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .0005 | | .00048 | mg/L | 96 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .05 | | .04748 | mg/L | 95 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .1 | | .0982 | mg/L | 98.2 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .05 | .0012 | .05069 | mg/L | 99 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .05 | .0012 | .04976 | mg/L | 97.1 | 70 | 130 | 1.85 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .1 | | .09657 | mg/L | 96.6 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .1 | | .09475 | mg/L | 94.8 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Cadmium, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .048 | mg/L | 96 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .05 | | .05068 | mg/L | 101.4 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .05 | U | .04849 | mg/L | 97 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .05 | U | .04704 | mg/L | 94.1 | 70 | 130 | 3.04 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .1 | | .1032 | mg/L | 103.2 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .1 | | .09974 | mg/L | 99.7 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .1 | | .0986 | mg/L | 98.6 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Chromium, total M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|------|--------|-------|------|-------|------|
| WG253554 | | | | | | | | | | | | | |
| WG253554ICV | ICV | 10/10/08 17:41 | II080820-1 | 2 | | 1.896 | mg/L | 94.8 | 95 | 105 | | | |
| WG253554ICB | ICB | 10/10/08 17:45 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG253554PQV | PQV | 10/10/08 17:48 | II080922-2 | .05 | | .043 | mg/L | 86 | 70 | 130 | | | |
| WG253554SIC | SIC | 10/10/08 17:52 | II080930-3 | .1 | | .088 | mg/L | 88 | 80 | 120 | | | |
| WG253438LRB | LRB | 10/10/08 17:59 | | | | U | mg/L | | -0.022 | 0.022 | | | |
| WG253438LFB | LFB | 10/10/08 18:03 | II081003-2 | .5 | | .486 | mg/L | 97.2 | 85 | 115 | | | |
| WG253554CCV1 | CCV | 10/10/08 18:25 | II080820-2 | 1 | | .943 | mg/L | 94.3 | 90 | 110 | | | |
| WG253554CCB1 | CCB | 10/10/08 18:28 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L72278-02LFM | LFM | 10/10/08 19:04 | II081003-2 | .5 | U | .452 | mg/L | 90.4 | 70 | 130 | | | |
| WG253554CCV2 | CCV | 10/10/08 19:08 | II080820-2 | 1 | | .923 | mg/L | 92.3 | 90 | 110 | | | |
| WG253554CCB2 | CCB | 10/10/08 19:12 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L72278-02LFMD | LFMD | 10/10/08 19:15 | II081003-2 | .5 | U | .445 | mg/L | 89 | 70 | 130 | 1.56 | 20 | |
| WG253554CCV3 | CCV | 10/10/08 19:48 | II080820-2 | 1 | | .909 | mg/L | 90.9 | 90 | 110 | | | |
| WG253554CCB3 | CCB | 10/10/08 19:51 | | | | U | mg/L | | -0.03 | 0.03 | | | |

WG254394

| | | | | | | | | | | | | | |
|---------------|------|----------------|------------|-----|---|-------|------|------|--------|-------|------|----|--|
| WG254394ICV | ICV | 10/23/08 11:25 | II080820-1 | 2 | | 1.986 | mg/L | 99.3 | 95 | 105 | | | |
| WG254394ICB | ICB | 10/23/08 11:29 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254394PQV | PQV | 10/23/08 11:32 | II081023-2 | .05 | | .056 | mg/L | 112 | 70 | 130 | | | |
| WG254394SIC | SIC | 10/23/08 11:35 | II080930-3 | .1 | | .106 | mg/L | 106 | 80 | 120 | | | |
| WG254254LRB | LRB | 10/23/08 11:42 | | | | U | mg/L | | -0.022 | 0.022 | | | |
| WG254254LFB | LFB | 10/23/08 11:45 | II081016-2 | .5 | | .51 | mg/L | 102 | 85 | 115 | | | |
| L72443-02LFM | LFM | 10/23/08 12:05 | II081016-2 | .5 | U | .515 | mg/L | 103 | 70 | 130 | | | |
| L72443-02LFMD | LFMD | 10/23/08 12:08 | II081016-2 | .5 | U | .525 | mg/L | 105 | 70 | 130 | 1.92 | 20 | |
| WG254394CCV1 | CCV | 10/23/08 12:15 | II080820-2 | 1 | | .998 | mg/L | 99.8 | 90 | 110 | | | |
| WG254394CCB1 | CCB | 10/23/08 12:18 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254394CCV2 | CCV | 10/23/08 12:54 | II080820-2 | 1 | | .986 | mg/L | 98.6 | 90 | 110 | | | |
| WG254394CCB2 | CCB | 10/23/08 12:57 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254394CCV3 | CCV | 10/23/08 13:10 | II080820-2 | 1 | | .993 | mg/L | 99.3 | 90 | 110 | | | |
| WG254394CCB3 | CCB | 10/23/08 13:14 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Copper, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 1.97 | mg/L | 98.5 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .05 | | .054 | mg/L | 108 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | .1 | | .084 | mg/L | 84 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | .5 | | .495 | mg/L | 99 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | .5 | U | .508 | mg/L | 101.6 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | .5 | U | .509 | mg/L | 101.8 | 85 | 115 | 0.2 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .966 | mg/L | 96.6 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.045 | mg/L | 104.5 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | .995 | mg/L | 99.5 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Fluoride SM4500F-C

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|------|-------|-------|------|-------|------|
| WG254074 | | | | | | | | | | | | | |
| WG254074ICV | ICV | 10/19/08 10:55 | WC081014-1 | 2 | | 2.04 | mg/L | 102 | 95 | 105 | | | |
| WG254074ICB | ICB | 10/19/08 11:02 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074LFB1 | LFB | 10/19/08 11:07 | WC080912-3 | 5 | | 5.4 | mg/L | 108 | 90 | 110 | | | |
| L72278-01DUP | DUP | 10/19/08 11:22 | | | 70 | 63.2 | mg/L | | | | 10.2 | 20 | |
| L72278-01AS | AS | 10/19/08 11:26 | WC080912-3 | 200 | 70 | 240.5 | mg/L | 85.3 | 90 | 110 | | | M2 |
| WG254074CCV1 | CCV | 10/19/08 11:59 | WC081014-1 | 2 | | 1.88 | mg/L | 94 | 90 | 110 | | | |
| WG254074CCB1 | CCB | 10/19/08 12:06 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074CCV2 | CCV | 10/19/08 12:40 | WC081014-1 | 2 | | 1.99 | mg/L | 99.5 | 90 | 110 | | | |
| WG254074CCB2 | CCB | 10/19/08 12:47 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074LFB2 | LFB | 10/19/08 13:04 | WC080912-3 | 5 | | 4.93 | mg/L | 98.6 | 90 | 110 | | | |
| WG254074CCV3 | CCV | 10/19/08 13:11 | WC081014-1 | 2 | | 2.04 | mg/L | 102 | 90 | 110 | | | |
| WG254074CCB3 | CCB | 10/19/08 13:18 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074CCV4 | CCV | 10/19/08 14:04 | WC081014-1 | 2 | | 1.99 | mg/L | 99.5 | 90 | 110 | | | |
| WG254074CCB4 | CCB | 10/19/08 14:10 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074CCV5 | CCV | 10/19/08 14:50 | WC081014-1 | 2 | | 1.96 | mg/L | 98 | 90 | 110 | | | |
| WG254074CCB5 | CCB | 10/19/08 14:57 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG254074CCV6 | CCV | 10/19/08 15:13 | WC081014-1 | 2 | | 1.96 | mg/L | 98 | 90 | 110 | | | |
| WG254074CCB6 | CCB | 10/19/08 15:20 | | | | U | mg/L | | -0.3 | 0.3 | | | |

Iron, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|-------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 1.955 | mg/L | 97.8 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .05 | | .055 | mg/L | 110 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | 200.05 | | 187.424 | mg/L | 93.7 | 1 | 200 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | 1 | | 1.002 | mg/L | 100.2 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | 1 | .1 | 1.121 | mg/L | 102.1 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | 1 | .1 | 1.128 | mg/L | 102.8 | 85 | 115 | 0.62 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .972 | mg/L | 97.2 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.04 | mg/L | 104 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | .994 | mg/L | 99.4 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.06 | 0.06 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Lead, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|------|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05298 | mg/L | 106 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | .00017 | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .0005 | | .00048 | mg/L | 96 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .05 | | .04849 | mg/L | 97 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .25 | | .2469 | mg/L | 98.8 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | .00019 | mg/L | | -0.0003 | 0.0003 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .05 | .0001 | .05038 | mg/L | 100.6 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .05 | .0001 | .04976 | mg/L | 99.3 | 70 | 130 | 1.24 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .25 | | .2453 | mg/L | 98.1 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | .00025 | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .25 | | .2427 | mg/L | 97.1 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | .00024 | mg/L | | -0.0003 | 0.0003 | | | |

Lead, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .05073 | mg/L | 101.5 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .05 | | .05156 | mg/L | 103.1 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .05 | U | .05233 | mg/L | 104.7 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .05 | U | .05166 | mg/L | 103.3 | 70 | 130 | 1.29 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .25 | | .2595 | mg/L | 103.8 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .25 | | .2529 | mg/L | 101.2 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .25 | | .2488 | mg/L | 99.5 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | .00016 | mg/L | | -0.0003 | 0.0003 | | | |

Manganese, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|--------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | 11080818-1 | 2 | | 1.94 | mg/L | 97 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | 11080922-2 | .025 | | .0252 | mg/L | 100.8 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | 11080925-3 | 50.025 | | 46.8979 | mg/L | 93.7 | 1 | 200 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | 11081016-2 | .5 | | .5159 | mg/L | 103.2 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | 11081016-2 | .5 | .645 | 1.1291 | mg/L | 96.8 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | 11081016-2 | .5 | .645 | 1.1287 | mg/L | 96.7 | 85 | 115 | 0.04 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | 11080819-1 | 1 | | .9588 | mg/L | 95.9 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | 11080819-1 | 1 | | 1.0277 | mg/L | 102.8 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | 11080819-1 | 1 | | .9838 | mg/L | 98.4 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.015 | 0.015 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Mercury, dissolved M245.1 CVAA

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG254766 | | | | | | | | | | | | | |
| WG254766ICV | ICV | 10/30/08 11:56 | 11081015-2 | .005 | | .00499 | mg/L | 99.8 | 95 | 105 | | | |
| WG254766ICB | ICB | 10/30/08 11:58 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254766CCV1 | CCV | 10/30/08 12:07 | 11081015-2 | .005 | | .00513 | mg/L | 102.6 | 90 | 110 | | | |
| WG254766CCB1 | CCB | 10/30/08 12:09 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254766PQV | PQV | 10/30/08 12:11 | 11081022-1 | .001 | | .00105 | mg/L | 105 | 70 | 130 | | | |
| WG254766LRB | LRB | 10/30/08 12:13 | | | | U | mg/L | | -0.00044 | 0.00044 | | | |
| WG254766LFB | LFB | 10/30/08 12:15 | 11081027-2 | .002 | | .0021 | mg/L | 105 | 85 | 115 | | | |
| L72283-01LFM | LFM | 10/30/08 12:22 | 11081027-2 | .002 | U | .0021 | mg/L | 105 | 85 | 115 | | | |
| L72283-01LFMD | LFMD | 10/30/08 12:25 | 11081027-2 | .002 | U | .00218 | mg/L | 109 | 85 | 115 | 3.74 | 20 | |
| WG254766CCV2 | CCV | 10/30/08 12:34 | 11081015-2 | .005 | | .00506 | mg/L | 101.2 | 90 | 110 | | | |
| WG254766CCB2 | CCB | 10/30/08 12:37 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254766CCV3 | CCV | 10/30/08 12:43 | 11081015-2 | .005 | | .00496 | mg/L | 99.2 | 90 | 110 | | | |
| WG254766CCB3 | CCB | 10/30/08 12:46 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254766CCV4 | CCV | 10/30/08 13:11 | 11081015-2 | .005 | | .00498 | mg/L | 99.6 | 90 | 110 | | | |
| WG254766CCB4 | CCB | 10/30/08 13:13 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254766CCV5 | CCV | 10/30/08 13:31 | 11081015-2 | .005 | | .00508 | mg/L | 101.6 | 90 | 110 | | | |
| WG254766CCB5 | CCB | 10/30/08 13:33 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |

Mercury, total M245.1 CVAA

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG254451 | | | | | | | | | | | | | |
| WG254451ICV | ICV | 10/27/08 12:17 | 11081015-2 | .005 | | .00524 | mg/L | 104.8 | 95 | 105 | | | |
| WG254451ICB | ICB | 10/27/08 12:19 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254451PQV | PQV | 10/27/08 12:21 | 11081022-1 | .001 | | .00098 | mg/L | 98 | 70 | 130 | | | |
| WG254451LRB | LRB | 10/27/08 12:23 | | | | U | mg/L | | -0.00044 | 0.00044 | | | |
| WG254451LFB | LFB | 10/27/08 12:26 | 11080924-2 | .002 | | .00198 | mg/L | 99 | 85 | 115 | | | |
| L72283-01LFM | LFM | 10/27/08 12:30 | 11080924-2 | .002 | U | .00217 | mg/L | 108.5 | 85 | 115 | | | |
| L72283-01LFMD | LFMD | 10/27/08 12:32 | 11080924-2 | .002 | U | .00221 | mg/L | 110.5 | 85 | 115 | 1.83 | 20 | |
| WG254451CCV1 | CCV | 10/27/08 12:43 | 11081015-2 | .005 | | .00495 | mg/L | 99 | 90 | 110 | | | |
| WG254451CCB1 | CCB | 10/27/08 12:46 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254451CCV2 | CCV | 10/27/08 13:12 | 11081015-2 | .005 | | .00506 | mg/L | 101.2 | 90 | 110 | | | |
| WG254451CCB2 | CCB | 10/27/08 13:14 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |
| WG254451CCV3 | CCV | 10/27/08 13:33 | 11081015-2 | .005 | | .00487 | mg/L | 97.4 | 90 | 110 | | | |
| WG254451CCB3 | CCB | 10/27/08 13:35 | | | | U | mg/L | | -0.0002 | 0.0002 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Molybdenum, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 1.958 | mg/L | 97.9 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .05 | | .051 | mg/L | 102 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | .1 | | .1 | mg/L | 100 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | .5 | | .491 | mg/L | 98.2 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | .5 | U | .509 | mg/L | 101.8 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | .5 | U | .498 | mg/L | 99.6 | 85 | 115 | 2.18 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .966 | mg/L | 96.6 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.035 | mg/L | 103.5 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | .989 | mg/L | 98.9 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Nickel, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|---------|--------|--------|-------|-------|---------|--------|-----|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05183 | mg/L | 103.7 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | U | mg/L | | -0.0018 | 0.0018 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .003006 | | .00293 | mg/L | 97.5 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .0501 | | .04878 | mg/L | 97.4 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .2505 | | .2514 | mg/L | 100.4 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0018 | 0.0018 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .0501 | .0597 | .1063 | mg/L | 93 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .0501 | .0597 | .1044 | mg/L | 89.2 | 70 | 130 | 1.8 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .2505 | | .2455 | mg/L | 98 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | U | mg/L | | -0.0018 | 0.0018 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .2505 | | .2458 | mg/L | 98.1 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | U | mg/L | | -0.0018 | 0.0018 | | | |

Nitrate/Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG253431 | | | | | | | | | | | | | |
| WG253431ICV | ICV | 10/08/08 19:18 | WI080916-5 | 2.416 | | 2.394 | mg/L | 99.1 | 90 | 110 | | | |
| WG253431ICB | ICB | 10/08/08 19:19 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG253431PQV | PQV | 10/08/08 19:23 | WI080913-3 | .1 | | .108 | mg/L | 108 | 70 | 130 | | | |
| WG253431LFB | LFB | 10/08/08 19:24 | WI080913-4 | 2 | | 2.041 | mg/L | 102.1 | 90 | 110 | | | |
| L72270-06DUP | DUP | 10/08/08 19:32 | | | | U | mg/L | | | | 0 | 20 | RA |
| WG253431CCV1 | CCV | 10/08/08 19:33 | WI081001-1 | 2 | | 2.005 | mg/L | 100.3 | 90 | 110 | | | |
| WG253431CCB1 | CCB | 10/08/08 19:35 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| L72283-02AS | AS | 10/08/08 19:45 | WI080913-4 | 2 | .79 | 2.838 | mg/L | 102.4 | 90 | 110 | | | |
| L72286-01DUP | DUP | 10/08/08 19:48 | | | .89 | .898 | mg/L | | | | 0.9 | 20 | |
| WG253431CCV2 | CCV | 10/08/08 19:49 | WI081001-1 | 2 | | 1.992 | mg/L | 99.6 | 90 | 110 | | | |
| WG253431CCB2 | CCB | 10/08/08 19:52 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| L72269-01AS | AS | 10/08/08 20:00 | WI080913-4 | 20 | 8.3 | 29.32 | mg/L | 105.1 | 90 | 110 | | | |
| WG253431CCV3 | CCV | 10/08/08 20:02 | WI081001-1 | 2 | | 2.003 | mg/L | 100.2 | 90 | 110 | | | |
| WG253431CCB3 | CCB | 10/08/08 20:04 | | | | U | mg/L | | -0.06 | 0.06 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG253431 | | | | | | | | | | | | | |
| WG253431ICV | ICV | 10/08/08 19:18 | WI080916-5 | .609 | | .608 | mg/L | 99.8 | 90 | 110 | | | |
| WG253431ICB | ICB | 10/08/08 19:19 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG253431PQV | PQV | 10/08/08 19:23 | WI080913-3 | .05 | | .05 | mg/L | 100 | 70 | 130 | | | |
| WG253431LFB | LFB | 10/08/08 19:24 | WI080913-4 | 1 | | 1.029 | mg/L | 102.9 | 90 | 110 | | | |
| L72269-01AS | AS | 10/08/08 19:29 | WI080913-4 | 1 | .06 | 1.075 | mg/L | 101.5 | 90 | 110 | | | |
| L72270-06DUP | DUP | 10/08/08 19:32 | | | | U | mg/L | | | | 0 | 20 | RA |
| WG253431CCV1 | CCV | 10/08/08 19:33 | WI081001-1 | 1 | | 1.013 | mg/L | 101.3 | 90 | 110 | | | |
| WG253431CCB1 | CCB | 10/08/08 19:35 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L72283-02AS | AS | 10/08/08 19:45 | WI080913-4 | 1 | .05 | 1.079 | mg/L | 102.9 | 90 | 110 | | | |
| L72286-01DUP | DUP | 10/08/08 19:48 | | | .04 | .044 | mg/L | | | | 9.5 | 20 | RA |
| WG253431CCV2 | CCV | 10/08/08 19:49 | WI081001-1 | 1 | | 1.01 | mg/L | 101 | 90 | 110 | | | |
| WG253431CCB2 | CCB | 10/08/08 19:52 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG253431CCV3 | CCV | 10/08/08 20:02 | WI081001-1 | 1 | | 1.004 | mg/L | 100.4 | 90 | 110 | | | |
| WG253431CCB3 | CCB | 10/08/08 20:04 | | | | U | mg/L | | -0.03 | 0.03 | | | |

pH (lab) M150.1 - Electrometric

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG253864 | | | | | | | | | | | | | |
| WG253864LCSW2 | LCSW | 10/16/08 10:47 | PCN29627 | 6 | | 6.03 | units | 100.5 | 90 | 110 | | | |
| L72284-03DUP | DUP | 10/16/08 11:36 | | | 8.1 | 8.11 | units | | | | 0.1 | 20 | |
| WG253864LCSW4 | LCSW | 10/16/08 12:37 | PCN29627 | 6 | | 6.02 | units | 100.3 | 90 | 110 | | | |
| WG253864LCSW8 | LCSW | 10/16/08 15:54 | PCN29627 | 6 | | 6.06 | units | 101 | 90 | 110 | | | |
| WG253864LCSW10 | LCSW | 10/16/08 18:55 | PCN29627 | 6 | | 6.02 | units | 100.3 | 90 | 110 | | | |

Potassium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 20 | | 19.52 | mg/L | 97.6 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | 1.5 | | 1.48 | mg/L | 98.7 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | 1.5 | | 1.41 | mg/L | 94 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | 99.76186 | | 95.6 | mg/L | 95.8 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | 99.76186 | 9.8 | 108.82 | mg/L | 99.3 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | 99.76186 | 9.8 | 108.1 | mg/L | 98.5 | 85 | 115 | 0.66 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 10 | | 9.44 | mg/L | 94.4 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 10 | | 10.24 | mg/L | 102.4 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 10 | | 9.7 | mg/L | 97 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.9 | 0.9 | | | |

Residue, Filterable (TDS) @180C SM2540C

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| WG253567 | | | | | | | | | | | | | |
| WG253567PBW | PBW | 10/10/08 15:30 | | | | U | mg/L | | -20 | 20 | | | |
| WG253567LCSW | LCSW | 10/10/08 15:31 | PCN29987 | 260 | | 250 | mg/L | 96.2 | 80 | 120 | | | |
| L72284-03DUP | DUP | 10/10/08 15:59 | | | 110 | 118 | mg/L | | | | 7 | 20 | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Residue, Non-Filterable (TSS) @105C SM2540D

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| WG253636 | | | | | | | | | | | | | |
| WG253636PBW | PBW | 10/13/08 12:45 | | | | U | mg/L | | -15 | 15 | | | |
| WG253636LCSW | LCSW | 10/13/08 12:46 | PCN29987 | 160 | | 131 | mg/L | 81.9 | 80 | 120 | | | |
| L72284-03DUP | DUP | 10/13/08 13:05 | | | U | U | mg/L | | | | 0 | 20 | RA |

Selenium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|-----|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05127 | mg/L | 102.5 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | .00013 | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .00025 | | .00023 | mg/L | 92 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .05 | | .04448 | mg/L | 89 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .25 | | .2527 | mg/L | 101.1 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | .00019 | mg/L | | -0.0003 | 0.0003 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .05 | .0002 | .05588 | mg/L | 111.4 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .05 | .0002 | .05252 | mg/L | 104.6 | 70 | 130 | 6.2 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .25 | | .2429 | mg/L | 97.2 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | .00023 | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .25 | | .2364 | mg/L | 94.6 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | .00023 | mg/L | | -0.0003 | 0.0003 | | | |

Selenium, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|----------|---------|-----|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .05148 | mg/L | 103 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | .00012 | mg/L | | -0.0003 | 0.0003 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .05 | | .05117 | mg/L | 102.3 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .05 | .0041 | .06152 | mg/L | 114.8 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .05 | .0041 | .05893 | mg/L | 109.7 | 70 | 130 | 4.3 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .25 | | .2655 | mg/L | 106.2 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | .00013 | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .25 | | .2664 | mg/L | 106.6 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | .00014 | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .25 | | .2676 | mg/L | 107 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | .00019 | mg/L | | -0.0003 | 0.0003 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Silver, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|------|-------|-------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | .999 | | .978 | mg/L | 97.9 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .025 | | .024 | mg/L | 96 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | .1 | | .091 | mg/L | 91 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | .5 | | .481 | mg/L | 96.2 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | .5 | U | .406 | mg/L | 81.2 | 85 | 115 | | | M2 ZA |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | .5 | U | .409 | mg/L | 81.8 | 85 | 115 | 0.74 | 20 | M2 ZA |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | .4995 | | .484 | mg/L | 96.9 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | .4995 | | .521 | mg/L | 104.3 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | .4995 | | .495 | mg/L | 99.1 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Thallium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|---------|--------|--------|-------|-------|---------|--------|------|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05323 | mg/L | 106.5 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .000501 | | .00042 | mg/L | 83.8 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .0501 | | .04822 | mg/L | 96.2 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .1002 | | .09954 | mg/L | 99.3 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .0501 | U | .05115 | mg/L | 102.1 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .0501 | U | .05087 | mg/L | 101.5 | 70 | 130 | 0.55 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .1002 | | .09857 | mg/L | 98.4 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .1002 | | .09775 | mg/L | 97.6 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Thallium, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .05193 | mg/L | 103.9 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .0501 | | .05165 | mg/L | 103.1 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .0501 | U | .05311 | mg/L | 106 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .0501 | U | .0525 | mg/L | 104.8 | 70 | 130 | 1.16 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .1002 | | .1051 | mg/L | 104.9 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | .0001 | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .1002 | | .1027 | mg/L | 102.5 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .1002 | | .1011 | mg/L | 100.9 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Uranium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|-----|-------|------|
| WG254174 | | | | | | | | | | | | | |
| WG254174ICV | ICV | 10/21/08 7:41 | MS081003-4 | .05 | | .05153 | mg/L | 103.1 | 90 | 110 | | | |
| WG254174ICB | ICB | 10/21/08 7:47 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174PQV | PQV | 10/21/08 7:53 | MS081010-5 | .0005 | | .00049 | mg/L | 98 | 70 | 130 | | | |
| WG254174LFB | LFB | 10/21/08 7:59 | MS081003-7 | .05 | | .04806 | mg/L | 96.1 | 85 | 115 | | | |
| WG254174CCV1 | CCV | 10/21/08 8:45 | MS081010-2 | .1 | | .09842 | mg/L | 98.4 | 90 | 110 | | | |
| WG254174CCB1 | CCB | 10/21/08 8:51 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| L72455-02AS | AS | 10/21/08 9:03 | MS081003-7 | .05 | .0003 | .05251 | mg/L | 104.4 | 70 | 130 | | | |
| L72455-02ASD | ASD | 10/21/08 9:08 | MS081003-7 | .05 | .0003 | .0523 | mg/L | 104 | 70 | 130 | 0.4 | 20 | |
| WG254174CCV2 | CCV | 10/21/08 9:56 | MS081010-2 | .1 | | .09823 | mg/L | 98.2 | 90 | 110 | | | |
| WG254174CCB2 | CCB | 10/21/08 10:01 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG254174CCV3 | CCV | 10/21/08 10:48 | MS081010-2 | .1 | | .09666 | mg/L | 96.7 | 90 | 110 | | | |
| WG254174CCB3 | CCB | 10/21/08 10:54 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Vanadium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|--------|-------|------|-------|------|
| WG254219 | | | | | | | | | | | | | |
| WG254219ICV | ICV | 10/21/08 16:54 | II080818-1 | 2 | | 1.9517 | mg/L | 97.6 | 95 | 105 | | | |
| WG254219ICB | ICB | 10/21/08 16:57 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219PQV | PQV | 10/21/08 17:00 | II080922-2 | .02505 | | .0256 | mg/L | 102.2 | 70 | 130 | | | |
| WG254219SIC | SIC | 10/21/08 17:04 | II080925-3 | .1002 | | .092 | mg/L | 91.8 | 80 | 120 | | | |
| WG254219LFB | LFB | 10/21/08 17:10 | II081016-2 | .501 | | .4839 | mg/L | 96.6 | 85 | 115 | | | |
| L72283-02AS | AS | 10/21/08 17:27 | II081016-2 | .501 | .019 | .5213 | mg/L | 100.3 | 85 | 115 | | | |
| L72283-02ASD | ASD | 10/21/08 17:30 | II081016-2 | .501 | .019 | .5113 | mg/L | 98.3 | 85 | 115 | 1.94 | 20 | |
| WG254219CCV1 | CCV | 10/21/08 17:33 | II080819-1 | 1 | | .9575 | mg/L | 95.8 | 90 | 110 | | | |
| WG254219CCB1 | CCB | 10/21/08 17:37 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219CCV2 | CCV | 10/21/08 18:13 | II080819-1 | 1 | | 1.0446 | mg/L | 104.5 | 90 | 110 | | | |
| WG254219CCB2 | CCB | 10/21/08 18:16 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG254219CCV3 | CCV | 10/21/08 18:46 | II080819-1 | 1 | | .9851 | mg/L | 98.5 | 90 | 110 | | | |
| WG254219CCB3 | CCB | 10/21/08 18:49 | | | | U | mg/L | | -0.015 | 0.015 | | | |

Zinc, total M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|-------|-------|-------|---------|--------|------|-------|------|
| WG253835 | | | | | | | | | | | | | |
| WG253835ICV | ICV | 10/16/08 20:23 | MS081003-4 | .05 | | .0505 | mg/L | 101 | 90 | 110 | | | |
| WG253835ICB | ICB | 10/16/08 20:28 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG253707LRB | LRB | 10/16/08 20:34 | | | | U | mg/L | | -0.0044 | 0.0044 | | | |
| WG253707LFB | LFB | 10/16/08 20:40 | MS081003-7 | .05001 | | .0543 | mg/L | 108.6 | 85 | 115 | | | |
| L72329-01LFM | LFM | 10/16/08 21:02 | MS081003-7 | .05001 | .06 | .1084 | mg/L | 96.8 | 70 | 130 | | | |
| L72329-01LFMD | LFMD | 10/16/08 21:08 | MS081003-7 | .05001 | .06 | .1051 | mg/L | 90.2 | 70 | 130 | 3.09 | 20 | |
| WG253835CCV1 | CCV | 10/16/08 21:25 | MS081010-2 | .5001 | | .5123 | mg/L | 102.4 | 90 | 110 | | | |
| WG253835CCB1 | CCB | 10/16/08 21:30 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG253835CCV2 | CCV | 10/16/08 22:33 | MS081010-2 | .5001 | | .499 | mg/L | 99.8 | 90 | 110 | | | |
| WG253835CCB2 | CCB | 10/16/08 22:38 | | | | U | mg/L | | -0.006 | 0.006 | | | |
| WG253835CCV3 | CCV | 10/16/08 23:24 | MS081010-2 | .5001 | | .4999 | mg/L | 100 | 90 | 110 | | | |
| WG253835CCB3 | CCB | 10/16/08 23:29 | | | | U | mg/L | | -0.006 | 0.006 | | | |

Energy Fuels Resources Corporation

ACZ Project ID: **L72283**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|------------------|-------------------------------------|-------------------------------------|--------------------------------------|---|---|
| L72283-01 | WG253707 | Total Hot Plate Digestion | M200.2 ICP-MS | DF | Sample required dilution due to high sediment. |
| | WG254219 | Silver, dissolved | M200.7 ICP | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | | | M200.7 ICP | ZA | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
| | | | | | |
| | WG254074 | Fluoride | SM4500F-C | DD | Sample required dilution due to matrix color or odor. |
| | | | SM4500F-C | DF | Sample required dilution due to high sediment. |
| | | | SM4500F-C | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG253431 | Nitrate/Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | HE | Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions). |
| | | | | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | | | M353.2 - Automated Cadmium Reduction | HE | Analysis performed past holding time. Method holding time is less than or equal to 7 days and sample was received with less than half of the holding time remaining (refer to item C5 of ACZ's Terms & Conditions). |
| RA | | | | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). | |
| WG253864 | pH | SM4500H+ B | N1 | See Case Narrative. | |
| WG253636 | Residue, Non-Filterable (TSS) @105C | SM2540D | DF | Sample required dilution due to high sediment. | |
| | | | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). | |
| L72283-02 | WG254254 | Total Hot Plate Digestion | M200.2 ICP | DF | Sample required dilution due to high sediment. |
| | WG253707 | | M200.2 ICP-MS | DF | Sample required dilution due to high sediment. |
| | WG254219 | Silver, dissolved | M200.7 ICP | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | | | M200.7 ICP | ZA | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
| | WG254074 | Fluoride | SM4500F-C | DD | Sample required dilution due to matrix color or odor. |
| | | | SM4500F-C | DF | Sample required dilution due to high sediment. |
| | | | SM4500F-C | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG253431 | Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG253864 | pH | SM4500H+ B | N1 | See Case Narrative. |
| | WG253636 | Residue, Non-Filterable (TSS) @105C | SM2540D | DF | Sample required dilution due to high sediment. |
| RA | | | | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). | |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
 Sample ID: S-1
 Locator:

ACZ Sample ID: **L72283-01**
 Date Sampled: 10/06/08 0:00
 Date Received: 10/08/08
 Sample Matrix: Surface Water

Gross Alpha
 M9310

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|----------------|-----------|--------|------------|-----|-------|----|---------|
| Gross Alpha | 10/29/08 10:09 | | 0.26 | 1.4 | 1.6 | pCi/L | | ckt |

Radium 226 + Alpha Emitting Radium Isotopes, disso
 M903.0

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|--------------------|----------------|-----------|--------|------------|------|-------|----|---------|
| Radium 226 + Alpha | 10/29/08 19:48 | | 0.23 | 0.2 | 0.52 | pCi/L | * | ckt |

Radium 228, dissolved
 M904.0

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-----------------------|----------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 228, dissolved | 10/30/08 12:24 | | 0.6 | 0.5 | 1.4 | pCi/L | * | skg-mwm |

Thorium, Isotopic (Dissolved)
 ESM 4506

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|---------------|-----------|--------|------------|------|-------|----|---------|
| Thorium 228 | 10/30/08 9:16 | | 0.12 | 0.43 | 0.36 | pCi/L | * | skg |
| Thorium 230 | 10/30/08 9:16 | | -0.12 | 0.56 | 0.93 | pCi/L | * | skg |
| Thorium 232 | 10/30/08 9:16 | | 0.04 | 0.52 | 0.36 | pCi/L | * | skg |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
 Sample ID: S-3
 Locator:

ACZ Sample ID: **L72283-02**
 Date Sampled: 10/06/08 0:00
 Date Received: 10/08/08
 Sample Matrix: Surface Water

Gross Alpha
 M9310

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|----------------|-----------|--------|------------|-----|-------|----|---------|
| Gross Alpha | 10/29/08 10:10 | | 0.0 | 1.9 | 1.8 | pCi/L | | ckt |

Radium 226 + Alpha Emitting Radium Isotopes, disso
 M903.0

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|--------------------|----------------|-----------|--------|------------|------|-------|----|---------|
| Radium 226 + Alpha | 10/29/08 19:49 | | 0.52 | 0.23 | 0.51 | pCi/L | * | ckt |

Radium 228, dissolved
 M904.0

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-----------------------|----------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 228, dissolved | 10/30/08 12:25 | | 2.3 | 0.62 | 1.4 | pCi/L | * | skg-mwm |

Thorium, Isotopic (Dissolved)
 ESM 4506

Prep Method:

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|---------------|-----------|--------|------------|------|-------|----|---------|
| Thorium 228 | 10/30/08 9:18 | | -0.15 | 0.69 | 0.64 | pCi/L | * | skg |
| Thorium 230 | 10/30/08 9:18 | | -0.36 | 0.99 | 1.7 | pCi/L | * | skg |
| Thorium 232 | 10/30/08 9:18 | | -0.15 | 0.9 | 0.64 | pCi/L | * | skg |

Report Header Explanations

| | |
|-------------------|--|
| <i>Batch</i> | A distinct set of samples analyzed at a specific time |
| <i>Error(+/-)</i> | Calculated sample specific uncertainty |
| <i>Found</i> | Value of the QC Type of interest |
| <i>Limit</i> | Upper limit for RPD, in %. |
| <i>LCL</i> | Lower Control Limit, in % (except for LCSS, mg/Kg) |
| <i>LLD</i> | Calculated sample specific Lower Limit of Detection |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis |
| <i>PQL</i> | Practical Quantitation Limit |
| <i>QC</i> | True Value of the Control Sample or the amount added to the Spike |
| <i>Rec</i> | Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg) |
| <i>RER</i> | Relative Error Ratio, calculation used for Dup. QC taking into account the error factor. |
| <i>UCL</i> | Upper Control Limit, in % (except for LCSS, mg/Kg) |
| <i>Sample</i> | Value of the Sample of interest |

QC Sample Types

| | | | |
|-------------|-----------------------------------|---------------|-------------------------------------|
| <i>DUP</i> | Sample Duplicate | <i>MS/MSD</i> | Matrix Spike/Matrix Spike Duplicate |
| <i>LCSS</i> | Laboratory Control Sample - Soil | <i>PBS</i> | Prep Blank - Soil |
| <i>LCSW</i> | Laboratory Control Sample - Water | <i>PBW</i> | Prep Blank - Water |

QC Sample Type Explanations

| | |
|-----------------|--|
| Blanks | Verifies that there is no or minimal contamination in the prep method procedure. |
| Control Samples | Verifies the accuracy of the method, including the prep procedure. |
| Duplicates | Verifies the precision of the instrument and/or method. |
| Matrix Spikes | Determines sample matrix interferences, if any. |

ACZ Qualifiers (Qual)

| | |
|---|--|
| H | Analysis exceeded method hold time. |
| R | Poor spike recovery accepted because the other spike in the set fell within the given limits. |
| T | High Replicate Error Ratio (RER) accepted because sample concentrations are less than 10x the MDL. |
| U | No nuclides detected above the Lower Limit of Detection (LLD) |
| V | High blank data accepted because sample concentration is 10 times higher than blank concentration |
| X | QC is out of control. See Case Narrative. |
| Z | Poor spike recovery is accepted because sample concentration is four times greater than spike concentration. |

Method Prefix Reference

| | |
|-----|---|
| M | EPA methodology, including those under SDWA, CWA, and RCRA |
| SM | Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995. |
| D | ASTM |
| RP | DOE |
| ESM | DOE/ESM |

Comments

- (1) Solid matrices are reported on a dry weight basis.
- (2) Preparation method: "Method" indicates preparation defined in analytical method.
- (3) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Gross Alpha M9310 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|-------|--------|-------|-----|-------|-------|------|-------|-------|-------|---------|-------|------|
| WG254812 | | | | | | | | | | | | | | | | |
| WG254554PBW | PBW | 10/29/08 | | | | | | .46 | 0.87 | 0.81 | | | 1.62 | | | |
| WG254554LCSW | LCSW | 10/29/08 | RC071024-1 | 81.06 | | | | 70 | 7 | 1.3 | 86.4 | 53 | 143 | | | |
| L72168-02DUP | DUP-RER | 10/29/08 | | | 29 | 6.7 | 2.7 | 31 | 7.2 | 2.9 | | | | 0.2 | 2 | |
| L72283-01DUP | DUP-RER | 10/29/08 | | | 0.26 | 1.4 | 1.6 | .87 | 1.8 | 1.7 | | | | 0.27 | 2 | |
| L72170-01MS | MS | 10/29/08 | RC071024-1 | 81.06 | 1.8 | 2.8 | 2.2 | 88 | 10 | 2.3 | 106.3 | 53 | 143 | | | |

Radium 226 + Alpha Emitting Radium M903.0 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|-------|--------|-------|------|-------|-------|------|-------|-------|-------|---------|-------|------|
| WG254928 | | | | | | | | | | | | | | | | |
| WG254378PBW | PBW | 10/29/08 | | | | | | 0 | 0.18 | 0.58 | | | 1.16 | | | |
| WG254378LCSW | LCSW | 10/29/08 | RC081008-1 | 23.92 | | | | 25 | 1.3 | 0.57 | 104.5 | 74 | 132 | | | |
| L72256-01DUP | DUP-RER | 10/29/08 | | | 0.08 | 0.19 | 0.6 | .99 | 0.28 | 0.52 | | | | 2.69 | 2 | RM |
| L72295-01DUP | DUP-RER | 10/29/08 | | | 0.42 | 0.21 | 0.51 | 1 | 0.29 | 0.54 | | | | 1.62 | 2 | |
| L72380-01MS | MS | 10/29/08 | RC081008-1 | 23.92 | 0.17 | 0.19 | 0.55 | 23 | 1.2 | 0.52 | 95.5 | 74 | 132 | | | |

Radium 228, dissolved M904.0 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|-------|--------|-------|------|-------|-------|------|------|-------|-------|---------|-------|------|
| WG254959 | | | | | | | | | | | | | | | | |
| WG254544PBW | PBW | 10/30/08 | | | | | | .55 | 0.3 | 0.73 | | | 1.46 | | | |
| WG244544LCSW | LCSW | 10/30/08 | RC080402-1 | 15.46 | | | | 12 | 1.1 | 1.5 | 77.6 | 49 | 132 | | | |
| L72065-01 DUP | DUP-RER | 10/30/08 | | | 1.1 | 0.3 | 0.71 | .49 | 0.28 | 0.69 | | | | 1.49 | 2 | |
| L72247-01 MS | MS | 10/30/08 | RC080402-1 | 15.46 | 0.3 | 0.5 | 1.4 | 12 | 1.1 | 1.4 | 75.7 | 49 | 132 | | | |

Thorium 228 ESM 4506 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|---------|----|--------|-------|------|-------|-------|------|-----|-------|-------|---------|-------|------|
| WG255035 | | | | | | | | | | | | | | | | |
| WG254789PBW | PBW | 10/30/08 | | | | | | -.02 | 0.24 | 0.21 | | | 0.42 | | | |
| L72542-03DUP | DUP-RER | 10/30/08 | | | -0.05 | 0.23 | 0.22 | -.05 | 0.25 | 0.23 | | | | 0 | 2 | |
| L72666-01DUP | DUP-RER | 10/30/08 | | | 0.02 | 0.23 | 0.2 | .05 | 0.26 | 0.22 | | | | 0.09 | 2 | |

Thorium 230 ESM 4506 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|--------|--------|-------|------|-------|-------|------|--------|-------|-------|---------|-------|------|
| WG255035 | | | | | | | | | | | | | | | | |
| WG254789PBW | PBW | 10/30/08 | | | | | | -.24 | 0.31 | 0.56 | | | 1.12 | | | |
| WG254789LCSW | LCSW | 10/30/08 | RC080917-3 | 162.12 | | | | -.170 | 240 | 430 | -104.9 | 82 | 132 | | | N1 |
| L72542-03DUP | DUP-RER | 10/30/08 | | | -0.12 | 0.33 | 0.57 | -.13 | 0.36 | 0.61 | | | | 0.02 | 2 | |
| L72666-01DUP | DUP-RER | 10/30/08 | | | -0.2 | 0.29 | 0.52 | -.07 | 0.35 | 0.58 | | | | 0.29 | 2 | |
| L72666-02MS | MS | 10/30/08 | RC080917-3 | 162.12 | 0.07 | 0.45 | 0.71 | 170 | 4.5 | 0.61 | 104.8 | 82 | 132 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L72283**

Thorium 232

ESM 4506

pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|---------|----|--------|-------|------|-------|-------|------|-----|-------|-------|---------|-------|------|
| WG255035 | | | | | | | | | | | | | | | | |
| WG254789PBW | PBW | 10/30/08 | | | | | | -12 | 0.29 | 0.21 | | | 0.42 | | | |
| L72542-03DUP | DUP-RER | 10/30/08 | | | 0.05 | 0.32 | 0.22 | .03 | 0.34 | 0.23 | | | | 0.04 | 2 | |
| L72666-01DUP | DUP-RER | 10/30/08 | | | -0.02 | 0.28 | 0.2 | -.08 | 0.3 | 0.22 | | | | 0.15 | 2 | |

Energy Fuels Resources Corporation

ACZ Project ID: **L72283**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|------------------|----------|--|----------|------|---|
| L72283-01 | WG254928 | Radium 226 + Alpha Emitting Radium Isotopes, disso | M903.0 | RM | For a water matrix, the duplicate precision assessment (RPD or RER) exceeded the control limit. High sediment, turbidity, or presence of an immisible liquid attributed to non-homogeneity of the sample. |
| | WG254959 | Radium 228, dissolved | M904.0 | N1 | See Case Narrative. |
| | WG255035 | Thorium 228 | ESM 4506 | N1 | See Case Narrative. |
| | | Thorium 230 | ESM 4506 | N1 | See Case Narrative. |
| | | Thorium 232 | ESM 4506 | N1 | See Case Narrative. |
| L72283-02 | WG254928 | Radium 226 + Alpha Emitting Radium Isotopes, disso | M903.0 | RM | For a water matrix, the duplicate precision assessment (RPD or RER) exceeded the control limit. High sediment, turbidity, or presence of an immisible liquid attributed to non-homogeneity of the sample. |
| | WG254959 | Radium 228, dissolved | M904.0 | N1 | See Case Narrative. |
| | WG255035 | Thorium 228 | ESM 4506 | N1 | See Case Narrative. |
| | | Thorium 230 | ESM 4506 | N1 | See Case Narrative. |
| | | Thorium 232 | ESM 4506 | N1 | See Case Narrative. |

Energy Fuels Resources Corporation

ACZ Project ID: **L72283**

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

| | |
|-------------------------------|----------|
| Thorium, Isotopic (Dissolved) | ESM 4506 |
|-------------------------------|----------|

Wet Chemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

| | |
|-------------------------------------|-----------|
| Lab Filtration | SM 3030 B |
| Lab Filtration & Acidification | SM 3030 B |
| Residue, Non-Filterable (TSS) @105C | SM2540D |

Energy Fuels Resources Corporation
 PINON RIDGE

ACZ Project ID: L72283
 Date Received: 10/8/2008
 Received By:
 Date Printed: 10/14/2008

Receipt Verification

| | YES | NO | NA |
|--|-----|----|----|
| 1) Does this project require special handling procedures such as CLP protocol? | | | X |
| 2) Are the custody seals on the cooler intact? | | | X |
| 3) Are the custody seals on the sample containers intact? | | | X |
| 4) Is there a Chain of Custody or other directive shipping papers present? | X | | |
| 5) Is the Chain of Custody complete? | | X | |
| 6) Is the Chain of Custody in agreement with the samples received? | X | | |
| 7) Is there enough sample for all requested analyses? | X | | |
| 8) Are all samples within holding times for requested analyses? | | X | |
| 9) Were all sample containers received intact? | X | | |
| 10) Are the temperature blanks present? | | | X |
| 11) Is the trip blank for Cyanide present? | | X | |
| 12) Is the trip blank for VOA present? | | | X |
| 13) Are samples requiring no headspace, headspace free? | | | X |
| 14) Do the samples that require a Foreign Soils Permit have one? | | | X |

Exceptions: If you answered no to any of the above questions, please describe

The Chain of Custody was not relinquished. Some parameters were received past hold time.

Contact (For any discrepancies, the client must be contacted)

A message was left with Zach Rogers on 10/8/2008.

Shipping Containers

| Cooler Id | Temp (°C) | Rad (µR/hr) |
|-----------|-----------|-------------|
| NA7098 | 1.9 | 14 |
| | | |
| | | |

Client must contact ACZ Project Manager if analysis should not proceed for samples received outside of thermal preservation acceptance criteria.

Notes

1 & 2- Red Cube pH=6. The pH was not adjusted due to the amount of sediment in the sample containers.

Energy Fuels Resources Corporation
 PINON RIDGE

ACZ Project ID: L72283
 Date Received: 10/8/2008
 Received By:

Sample Container Preservation

| SAMPLE | CLIENT ID | R < 2 | G < 2 | BK < 2 | Y < 2 | YG < 2 | B < 2 | O < 2 | T > 12 | N/A | RAD | ID |
|-----------|-----------|-------|-------|--------|-------|--------|-------|-------|--------|-----|-----|--------------------------|
| L72283-01 | S-1 | Y | | | | Y | | | | | | <input type="checkbox"/> |
| L72283-02 | S-3 | Y | | | | Y | | | | | | <input type="checkbox"/> |

Sample Container Preservation Legend

| Abbreviation | Description | Container Type | Preservative/Limits |
|--------------|------------------------|----------------|---------------------|
| R | Raw/Nitric | RED | pH must be < 2 |
| B | Filtered/Sulfuric | BLUE | pH must be < 2 |
| BK | Filtered/Nitric | BLACK | pH must be < 2 |
| G | Filtered/Nitric | GREEN | pH must be < 2 |
| O | Raw/Sulfuric | ORANGE | pH must be < 2 |
| P | Raw/NaOH | PURPLE | pH must be > 12 * |
| T | Raw/NaOH Zinc Acetate | TAN | pH must be > 12 |
| Y | Raw/Sulfuric | YELLOW | pH must be < 2 |
| YG | Raw/Sulfuric | YELLOW GLASS | pH must be < 2 |
| N/A | No preservative needed | Not applicable | |
| RAD | Gamma/Beta dose rate | Not applicable | must be < 250 µR/hr |

* pH check performed by analyst prior to sample preparation

Sample IDs Reviewed By: _____

