

May 19, 2009

Report to:

Zach Rogers
Energy Fuels Resources Corporation
44 Union Blvd. Suite 600
Lakewood, CO 80228

Bill to:

Accounts Payable
Energy Fuels Resources Corporation
44 Union Blvd. Suite 600
Lakewood, CO 80228

Project ID: PINON RIDGE

ACZ Project ID: L75544

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on May 01, 2009. This project has been assigned to ACZ's project number, L75544. 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 L75544. 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 requirements of NELAC.

This report shall 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 June 19, 2009. 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.

If you have any questions or other needs, please contact your Project Manager.



Tony Antalek has reviewed and
approved this report.



Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: MW-8

ACZ Sample ID: **L75544-01**
Date Sampled: 04/29/09 09:05
Date Received: 05/01/09
Sample Matrix: Ground Water

Metals Analysis

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|---------------|--------|------|----|-------|--------|-------|----------------|---------|
| Aluminum, dissolved | M200.7 ICP | | U | | mg/L | 0.03 | 0.2 | 05/02/09 18:48 | aeH |
| Arsenic, dissolved | M200.8 ICP-MS | 0.007 | | | mg/L | 0.001 | 0.004 | 05/13/09 9:42 | msh |
| Boron, dissolved | M200.7 ICP | 0.47 | | | mg/L | 0.01 | 0.05 | 05/02/09 18:48 | aeH |
| Calcium, dissolved | M200.7 ICP | 500 | | * | mg/L | 0.2 | 1 | 05/02/09 18:48 | aeH |
| Copper, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 05/02/09 18:48 | aeH |
| Iron, dissolved | M200.7 ICP | 1.48 | | | mg/L | 0.02 | 0.05 | 05/02/09 18:48 | aeH |
| Lead, dissolved | M200.8 ICP-MS | | U | | mg/L | 0.0002 | 0.001 | 05/13/09 9:42 | msh |
| Magnesium, dissolved | M200.7 ICP | 254 | | | mg/L | 0.2 | 1 | 05/02/09 18:48 | aeH |
| Manganese, dissolved | M200.7 ICP | 0.937 | | | mg/L | 0.005 | 0.03 | 05/02/09 18:48 | aeH |
| Molybdenum, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 05/04/09 21:02 | aeH |
| Potassium, dissolved | M200.7 ICP | 20.3 | | | mg/L | 0.3 | 2 | 05/02/09 18:48 | aeH |
| Selenium, dissolved | M200.8 ICP-MS | 0.0002 | B | | mg/L | 0.0002 | 0.001 | 05/13/09 9:42 | msh |
| Silica, dissolved | M200.7 ICP | 20.2 | | | mg/L | 0.4 | 2 | 05/02/09 18:48 | aeH |
| Sodium, dissolved | M200.7 ICP | 32.8 | | | mg/L | 0.3 | 2 | 05/02/09 18:48 | aeH |
| Uranium, dissolved | M200.8 ICP-MS | 0.0164 | | | mg/L | 0.0002 | 0.001 | 05/13/09 9:42 | msh |
| Vanadium, dissolved | M200.7 ICP | | U | | mg/L | 0.005 | 0.03 | 05/02/09 18:48 | aeH |
| Zinc, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 05/04/09 21:02 | aeH |

Wet Chemistry

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------------------|----------------------------|--------|------|----|-------|------|-----|----------------|---------|
| Alkalinity as CaCO3 | SM2320B - Titration | | | | | | | | |
| Bicarbonate as CaCO3 | | 449 | | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Carbonate as CaCO3 | | | U | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Hydroxide as CaCO3 | | | U | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Total Alkalinity | | 449 | | * | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Cation-Anion Balance | Calculation | | | | | | | | |
| Cation-Anion Balance | | 2.7 | | | % | | | 05/19/09 16:04 | calc |
| Sum of Anions | | 45.5 | | | meq/L | 0.1 | 0.5 | 05/19/09 16:04 | calc |
| Sum of Cations | | 48.0 | | | meq/L | 0.1 | 0.5 | 05/19/09 16:04 | calc |
| Chloride | SM4500Cl-E | 42 | | * | mg/L | 1 | 5 | 05/18/09 15:12 | aml |
| Fluoride | SM4500F-C | 0.6 | | * | mg/L | 0.1 | 0.5 | 05/14/09 14:41 | kah |
| Nitrate/Nitrite as N | M353.2 - H2SO4 preserved | 0.04 | B | * | mg/L | 0.02 | 0.1 | 05/15/09 21:39 | pjb |
| Nitrogen, ammonia | M350.1 - Automated Phenate | 0.09 | B | * | mg/L | 0.05 | 0.5 | 05/12/09 15:30 | jws |
| Residue, Filterable (TDS) @180C | SM2540C | 2980 | | | mg/L | 10 | 20 | 05/04/09 15:03 | kah |
| Residue, Non-Filterable (TSS) @105C | SM2540D | | U | * | mg/L | 5 | 20 | 05/04/09 12:20 | kah |
| Sulfate | SM4500 SO4-D | 1680 | | | mg/L | 20 | 100 | 05/12/09 15:33 | kah |
| Sulfide as S | 376.2 - Methylene Blue | 0.05 | B | * | mg/L | 0.02 | 0.1 | 05/05/09 12:37 | kah |
| TDS (calculated) | Calculation | 2820 | | | mg/L | 10 | 50 | 05/19/09 16:04 | calc |
| TDS (ratio - measured/calculated) | Calculation | 1.06 | | | | | | 05/19/09 16:04 | calc |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE
Sample ID: PW-2

ACZ Sample ID: **L75544-02**
Date Sampled: 04/29/09 16:10
Date Received: 05/01/09
Sample Matrix: Ground Water

Metals Analysis

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, dissolved | M200.7 ICP | | U | | mg/L | 0.03 | 0.2 | 05/07/09 17:31 | aeH |
| Arsenic, dissolved | M200.8 ICP-MS | 0.0010 | B | | mg/L | 0.0005 | 0.002 | 05/13/09 9:44 | msh |
| Boron, dissolved | M200.7 ICP | 0.51 | | | mg/L | 0.01 | 0.05 | 05/07/09 17:31 | aeH |
| Calcium, dissolved | M200.7 ICP | 91.6 | | | mg/L | 0.2 | 1 | 05/07/09 17:31 | aeH |
| Copper, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 05/07/09 17:31 | aeH |
| Iron, dissolved | M200.7 ICP | 16.30 | | * | mg/L | 0.02 | 0.05 | 05/07/09 17:31 | aeH |
| Lead, dissolved | M200.8 ICP-MS | | U | | mg/L | 0.0001 | 0.0005 | 05/13/09 9:44 | msh |
| Magnesium, dissolved | M200.7 ICP | 71.8 | | | mg/L | 0.2 | 1 | 05/07/09 17:31 | aeH |
| Manganese, dissolved | M200.7 ICP | 0.198 | | | mg/L | 0.005 | 0.03 | 05/07/09 17:31 | aeH |
| Molybdenum, dissolved | M200.7 ICP | 0.02 | B | | mg/L | 0.01 | 0.05 | 05/07/09 17:31 | aeH |
| Potassium, dissolved | M200.7 ICP | 18.0 | | | mg/L | 0.3 | 2 | 05/08/09 11:06 | ear |
| Selenium, dissolved | M200.8 ICP-MS | 0.0053 | | | mg/L | 0.0001 | 0.0005 | 05/13/09 9:44 | msh |
| Silica, dissolved | M200.7 ICP | 11.8 | | | mg/L | 0.4 | 2 | 05/07/09 17:31 | aeH |
| Sodium, dissolved | M200.7 ICP | 102 | | | mg/L | 0.3 | 2 | 05/07/09 17:31 | aeH |
| Uranium, dissolved | M200.8 ICP-MS | 0.0204 | | | mg/L | 0.0001 | 0.0005 | 05/13/09 9:44 | msh |
| Vanadium, dissolved | M200.7 ICP | | U | | mg/L | 0.005 | 0.03 | 05/07/09 17:31 | aeH |
| Zinc, dissolved | M200.7 ICP | | U | | mg/L | 0.01 | 0.05 | 05/08/09 11:06 | ear |

Wet Chemistry

| Parameter | EPA Method | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------------------|----------------------------|--------|------|----|-------|------|-----|----------------|---------|
| Alkalinity as CaCO3 | SM2320B - Titration | | | | | | | | |
| Bicarbonate as CaCO3 | | 222 | | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Carbonate as CaCO3 | | | U | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Hydroxide as CaCO3 | | | U | | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Total Alkalinity | | 222 | | * | mg/L | 2 | 20 | 05/07/09 0:00 | jif |
| Cation-Anion Balance | Calculation | | | | | | | | |
| Cation-Anion Balance | | 4.2 | | | % | | | 05/19/09 16:04 | calc |
| Sum of Anions | | 15.0 | | | meq/L | 0.1 | 0.5 | 05/19/09 16:04 | calc |
| Sum of Cations | | 16.3 | | | meq/L | 0.1 | 0.5 | 05/19/09 16:04 | calc |
| Chloride | SM4500Cl-E | 39 | | * | mg/L | 1 | 5 | 05/18/09 15:12 | aml |
| Fluoride | SM4500F-C | 0.4 | B | * | mg/L | 0.1 | 0.5 | 05/14/09 14:51 | kah |
| Nitrate/Nitrite as N | M353.2 - H2SO4 preserved | 0.15 | | * | mg/L | 0.02 | 0.1 | 05/15/09 21:42 | pjb |
| Nitrogen, ammonia | M350.1 - Automated Phenate | | U | * | mg/L | 0.05 | 0.5 | 05/12/09 15:33 | jws |
| Residue, Filterable (TDS) @180C | SM2540C | 940 | | | mg/L | 10 | 20 | 05/04/09 15:03 | kah |
| Residue, Non-Filterable (TSS) @105C | SM2540D | 49 | | * | mg/L | 5 | 20 | 05/04/09 12:22 | kah |
| Sulfate | SM4500 SO4-D | 450 | | | mg/L | 20 | 100 | 05/12/09 15:34 | kah |
| Sulfide as S | 376.2 - Methylene Blue | | U | * | mg/L | 0.1 | 0.5 | 05/05/09 12:43 | kah |
| TDS (calculated) | Calculation | 934 | | | mg/L | 10 | 50 | 05/19/09 16:04 | calc |
| TDS (ratio - measured/calculated) | Calculation | 1.01 | | | | | | 05/19/09 16:04 | calc |

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 & 20th edition (1998).

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.

For a complete list of ACZ's Extended Qualifiers, please click:

<http://www.acz.com/public/extquallist.pdf>

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Alkalinity as CaCO3 SM2320B - Titration

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| WG263304 | | | | | | | | | | | | | |
| WG263304PBW1 | PBW | 05/07/09 16:05 | | | | 21.8 | mg/L | | -20 | 20 | | | B7 |
| WG263304LCSW2 | LCSW | 05/07/09 16:24 | WC090505-9 | 820.0001 | | 779.7 | mg/L | 95.1 | 90 | 110 | | | |
| L75554-02DUP | DUP | 05/07/09 18:43 | | | 108 | 108.4 | mg/L | | | | 0.4 | 20 | |
| WG263304PBW2 | PBW | 05/07/09 20:48 | | | | U | mg/L | | -20 | 20 | | | |
| WG263304LCSW5 | LCSW | 05/07/09 21:07 | WC090505-9 | 820.0001 | | 800.5 | mg/L | 97.6 | 90 | 110 | | | |
| WG263304PBW3 | PBW | 05/08/09 2:24 | | | | U | mg/L | | -20 | 20 | | | |
| WG263304LCSW8 | LCSW | 05/08/09 2:43 | WC090505-9 | 820.0001 | | 797.7 | mg/L | 97.3 | 90 | 110 | | | |
| WG263304PBW4 | PBW | 05/08/09 8:06 | | | | U | mg/L | | -20 | 20 | | | |
| WG263304LCSW11 | LCSW | 05/08/09 8:26 | WC090505-9 | 820.0001 | | 803.3 | mg/L | 98 | 90 | 110 | | | |
| WG263304LCSW14 | LCSW | 05/08/09 12:21 | WC090505-9 | 820.0001 | | 806.4 | mg/L | 98.3 | 90 | 110 | | | |

Aluminum, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.984 | mg/L | 99.2 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .15 | | .159 | mg/L | 106 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 200.15 | | 196.107 | mg/L | 98 | 1 | 200 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 1 | | 1.067 | mg/L | 106.7 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | 1.022 | mg/L | 102.2 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .992 | mg/L | 99.2 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 1 | U | 1.093 | mg/L | 109.3 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 1 | U | 1.052 | mg/L | 105.2 | 85 | 115 | 3.82 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .981 | mg/L | 98.1 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 1.98 | mg/L | 99 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .15 | | .16 | mg/L | 106.7 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 200.15 | | 190.294 | mg/L | 95.1 | 1 | 200 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | 1 | | 1.021 | mg/L | 102.1 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 1 | U | 1.004 | mg/L | 100.4 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 1 | U | 1.069 | mg/L | 106.9 | 85 | 115 | 6.27 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | .975 | mg/L | 97.5 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | .98 | mg/L | 98 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.09 | 0.09 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | .994 | mg/L | 99.4 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.09 | 0.09 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Arsenic, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| WG263476 | | | | | | | | | | | | | |
| WG263476ICV | ICV | 05/13/09 9:31 | MS090326-1 | .05 | | .05421 | mg/L | 108.4 | 90 | 110 | | | |
| WG263476ICB | ICB | 05/13/09 9:33 | | | | .00069 | mg/L | | -0.0011 | 0.0011 | | | |
| WG263476PQV | PQV | 05/13/09 9:36 | MS090428-2 | .002 | | .0022 | mg/L | 110 | 70 | 130 | | | |
| WG263476LFB | LFB | 05/13/09 9:39 | MS090409-2 | .05005 | | .05005 | mg/L | 100 | 85 | 115 | | | |
| L75655-03AS | AS | 05/13/09 9:56 | MS090409-2 | .05005 | .0015 | .05431 | mg/L | 105.5 | 70 | 130 | | | |
| L75655-03ASD | ASD | 05/13/09 9:58 | MS090409-2 | .05005 | .0015 | .05575 | mg/L | 108.4 | 70 | 130 | 2.62 | 20 | |
| WG263476CCV1 | CCV | 05/13/09 10:01 | MS090415-2 | .25025 | | .2605 | mg/L | 104.1 | 90 | 110 | | | |
| WG263476CCB1 | CCB | 05/13/09 10:03 | | | | .00061 | mg/L | | -0.0015 | 0.0015 | | | |
| WG263476CCV2 | CCV | 05/13/09 10:34 | MS090415-2 | .25025 | | .2394 | mg/L | 95.7 | 90 | 110 | | | |
| WG263476CCB2 | CCB | 05/13/09 10:37 | | | | .00064 | mg/L | | -0.0015 | 0.0015 | | | |
| WG263476CCV3 | CCV | 05/13/09 10:59 | MS090415-2 | .25025 | | .2291 | mg/L | 91.5 | 90 | 110 | | | |
| WG263476CCB3 | CCB | 05/13/09 11:02 | | | | U | mg/L | | -0.0015 | 0.0015 | | | |

Boron, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.93 | mg/L | 96.5 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .05 | | .052 | mg/L | 104 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | .1 | | .093 | mg/L | 93 | 80 | 120 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | .5 | | .527 | mg/L | 105.4 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | .983 | mg/L | 98.3 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .961 | mg/L | 96.1 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | .5 | .03 | .553 | mg/L | 104.6 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | .5 | .03 | .53 | mg/L | 100 | 85 | 115 | 4.25 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .954 | mg/L | 95.4 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 2.007 | mg/L | 100.4 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | .01 | mg/L | | -0.03 | 0.03 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .05 | | .058 | mg/L | 116 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | .1 | | .11 | mg/L | 110 | 80 | 120 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | .5 | | .524 | mg/L | 104.8 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | .5 | .51 | 1.009 | mg/L | 99.8 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | .5 | .51 | 1.009 | mg/L | 99.8 | 85 | 115 | 0 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | .995 | mg/L | 99.5 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | 1.003 | mg/L | 100.3 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | .01 | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | 1.009 | mg/L | 100.9 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Calcium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 100 | | 97.83 | mg/L | 97.8 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | 1 | | 1.08 | mg/L | 108 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 201 | | 194.27 | mg/L | 96.7 | 1 | 200 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 67.97008 | | 71.37 | mg/L | 105 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 50 | | 50.81 | mg/L | 101.6 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 50 | | 49.17 | mg/L | 98.3 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 67.97008 | 486 | 546.08 | mg/L | 88.4 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 67.97008 | 486 | 537.72 | mg/L | 76.1 | 85 | 115 | 1.54 | 20 | M3 |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 50 | | 49.56 | mg/L | 99.1 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 100 | | 101.2 | mg/L | 101.2 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | 1 | | 1.02 | mg/L | 102 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 201 | | 203.93 | mg/L | 101.5 | 1 | 200 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | 67.97008 | | 69.33 | mg/L | 102 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 67.97008 | 91.6 | 162.37 | mg/L | 104.1 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 67.97008 | 91.6 | 163.55 | mg/L | 105.9 | 85 | 115 | 0.72 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 50 | | 49.49 | mg/L | 99 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 50 | | 51.83 | mg/L | 103.7 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 50 | | 51.37 | mg/L | 102.7 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.6 | 0.6 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Chloride SM4500Cl-E

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG263745 | | | | | | | | | | | | | |
| WG263745ICB | ICB | 05/18/09 14:34 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745ICV | ICV | 05/18/09 14:34 | WI090121-2 | 54.835 | | 56.8 | mg/L | 103.6 | 90 | 110 | | | |
| WG263745CCV1 | CCV | 05/18/09 15:12 | WI090408-1 | 50 | | 52.8 | mg/L | 105.6 | 90 | 110 | | | |
| WG263745CCB1 | CCB | 05/18/09 15:12 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745LFB1 | LFB | 05/18/09 15:12 | WI090309-3 | 30 | | 31.4 | mg/L | 104.7 | 90 | 110 | | | |
| L75544-01AS | AS | 05/18/09 15:12 | WI090309-3 | 30 | 42 | 67.8 | mg/L | 86 | 90 | 110 | | | M2 |
| L75544-02DUP | DUP | 05/18/09 15:12 | | | 39 | 38.9 | mg/L | | | | 0.3 | 20 | |
| WG263745CCV2 | CCV | 05/18/09 15:14 | WI090408-1 | 50 | | 53.2 | mg/L | 106.4 | 90 | 110 | | | |
| WG263745CCB2 | CCB | 05/18/09 15:14 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV3 | CCV | 05/18/09 15:16 | WI090408-1 | 50 | | 53.3 | mg/L | 106.6 | 90 | 110 | | | |
| WG263745CCB3 | CCB | 05/18/09 15:16 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745LFB2 | LFB | 05/18/09 15:16 | WI090309-3 | 30 | | 31.1 | mg/L | 103.7 | 90 | 110 | | | |
| WG263745CCV4 | CCV | 05/18/09 15:22 | WI090408-1 | 50 | | 53 | mg/L | 106 | 90 | 110 | | | |
| WG263745CCB4 | CCB | 05/18/09 15:22 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV5 | CCV | 05/18/09 15:24 | WI090408-1 | 50 | | 53.3 | mg/L | 106.6 | 90 | 110 | | | |
| WG263745CCB5 | CCB | 05/18/09 15:24 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV6 | CCV | 05/18/09 15:25 | WI090408-1 | 50 | | 52.8 | mg/L | 105.6 | 90 | 110 | | | |
| WG263745CCB6 | CCB | 05/18/09 15:25 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV7 | CCV | 05/18/09 15:33 | WI090408-1 | 50 | | 53.2 | mg/L | 106.4 | 90 | 110 | | | |
| WG263745CCB7 | CCB | 05/18/09 15:33 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV8 | CCV | 05/18/09 15:39 | WI090408-1 | 50 | | 53.4 | mg/L | 106.8 | 90 | 110 | | | |
| WG263745CCB8 | CCB | 05/18/09 15:39 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV9 | CCV | 05/18/09 15:40 | WI090408-1 | 50 | | 53.2 | mg/L | 106.4 | 90 | 110 | | | |
| WG263745CCB9 | CCB | 05/18/09 15:40 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV10 | CCV | 05/18/09 15:49 | WI090408-1 | 50 | | 52.2 | mg/L | 104.4 | 90 | 110 | | | |
| WG263745CCB10 | CCB | 05/18/09 15:49 | | | | U | mg/L | | -3 | 3 | | | |
| WG263745CCV11 | CCV | 05/18/09 15:50 | WI090408-1 | 50 | | 52.6 | mg/L | 105.2 | 90 | 110 | | | |
| WG263745CCB11 | CCB | 05/18/09 15:50 | | | | U | mg/L | | -3 | 3 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Copper, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.93 | mg/L | 96.5 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .05 | | .052 | mg/L | 104 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | .1 | | .092 | mg/L | 92 | 80 | 120 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | .5 | | .516 | mg/L | 103.2 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | .992 | mg/L | 99.2 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .974 | mg/L | 97.4 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | .5 | U | .522 | mg/L | 104.4 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | .5 | U | .499 | mg/L | 99.8 | 85 | 115 | 4.51 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .958 | mg/L | 95.8 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 1.966 | mg/L | 98.3 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .05 | | .052 | mg/L | 104 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | .1 | | .107 | mg/L | 107 | 80 | 120 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | .5 | | .505 | mg/L | 101 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | .5 | U | .52 | mg/L | 104 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | .5 | U | .523 | mg/L | 104.6 | 85 | 115 | 0.58 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | .972 | mg/L | 97.2 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | .974 | mg/L | 97.4 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | .986 | mg/L | 98.6 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Fluoride SM4500F-C

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG263596 | | | | | | | | | | | | | |
| WG263596ICV | ICV | 05/14/09 14:24 | WC090508-1 | 2 | | 2 | mg/L | 100 | 95 | 105 | | | |
| WG263596ICB | ICB | 05/14/09 14:31 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596PQV | PQV | 05/14/09 14:36 | WC090302-3 | .5 | | .46 | mg/L | 92 | 70 | 130 | | | |
| WG263596LFB1 | LFB | 05/14/09 14:39 | WC090302-4 | 5 | | 4.89 | mg/L | 97.8 | 90 | 110 | | | |
| L75544-01AS | AS | 05/14/09 14:44 | WC090302-4 | 5 | .6 | 5.2 | mg/L | 92 | 90 | 110 | | | |
| L75544-01DUP | DUP | 05/14/09 14:48 | | | .6 | .56 | mg/L | | | | 6.9 | 20 | RA |
| WG263596CCV1 | CCV | 05/14/09 15:18 | WC090508-1 | 2 | | 1.96 | mg/L | 98 | 90 | 110 | | | |
| WG263596CCB1 | CCB | 05/14/09 15:27 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596CCV2 | CCV | 05/14/09 16:10 | WC090508-1 | 2 | | 2.04 | mg/L | 102 | 90 | 110 | | | |
| WG263596CCB2 | CCB | 05/14/09 16:18 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596LFB2 | LFB | 05/14/09 16:51 | WC090302-4 | 5 | | 4.89 | mg/L | 97.8 | 90 | 110 | | | |
| WG263596CCV3 | CCV | 05/14/09 17:04 | WC090508-1 | 2 | | 2.07 | mg/L | 103.5 | 90 | 110 | | | |
| WG263596CCB3 | CCB | 05/14/09 17:11 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596CCV4 | CCV | 05/14/09 18:01 | WC090508-1 | 2 | | 2.13 | mg/L | 106.5 | 90 | 110 | | | |
| WG263596CCB4 | CCB | 05/14/09 18:09 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596CCV5 | CCV | 05/14/09 18:54 | WC090508-1 | 2 | | 2.06 | mg/L | 103 | 90 | 110 | | | |
| WG263596CCB5 | CCB | 05/14/09 19:01 | | | | U | mg/L | | -0.3 | 0.3 | | | |
| WG263596CCV6 | CCV | 05/14/09 19:12 | WC090508-1 | 2 | | 2.14 | mg/L | 107 | 90 | 110 | | | |
| WG263596CCB6 | CCB | 05/14/09 19:20 | | | | U | mg/L | | -0.3 | 0.3 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Iron, dissolved

M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.944 | mg/L | 97.2 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .05 | | .056 | mg/L | 112 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 200.05 | | 184.402 | mg/L | 92.2 | 1 | 200 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 1 | | 1.052 | mg/L | 105.2 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | 1.006 | mg/L | 100.6 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .98 | mg/L | 98 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 1 | U | 1.04 | mg/L | 104 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 1 | U | 1.017 | mg/L | 101.7 | 85 | 115 | 2.24 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .974 | mg/L | 97.4 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.06 | 0.06 | | | |

WG263215

| | | | | | | | | | | | | | |
|--------------|-----|----------------|------------|--------|------|---------|------|-------|-------|------|-----|----|----|
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 1.996 | mg/L | 99.8 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .05 | | .065 | mg/L | 130 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 200.05 | | 180.686 | mg/L | 90.3 | 1 | 200 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | 1 | | 1.053 | mg/L | 105.3 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 1 | 16.3 | 16.713 | mg/L | 41.3 | 85 | 115 | | | M3 |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 1 | 16.3 | 16.763 | mg/L | 46.3 | 85 | 115 | 0.3 | 20 | M3 |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | .984 | mg/L | 98.4 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | .993 | mg/L | 99.3 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | 1.004 | mg/L | 100.4 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.06 | 0.06 | | | |

Lead, dissolved

M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG263476 | | | | | | | | | | | | | |
| WG263476ICV | ICV | 05/13/09 9:31 | MS090326-1 | .05 | | .05098 | mg/L | 102 | 90 | 110 | | | |
| WG263476ICB | ICB | 05/13/09 9:33 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG263476PQV | PQV | 05/13/09 9:36 | MS090428-2 | .0005005 | | .00047 | mg/L | 93.9 | 70 | 130 | | | |
| WG263476LFB | LFB | 05/13/09 9:39 | MS090409-2 | .05005 | | .04864 | mg/L | 97.2 | 85 | 115 | | | |
| L75655-03AS | AS | 05/13/09 9:56 | MS090409-2 | .05005 | U | .04762 | mg/L | 95.1 | 70 | 130 | | | |
| L75655-03ASD | ASD | 05/13/09 9:58 | MS090409-2 | .05005 | U | .04876 | mg/L | 97.4 | 70 | 130 | 2.37 | 20 | |
| WG263476CCV1 | CCV | 05/13/09 10:01 | MS090415-2 | .25025 | | .2513 | mg/L | 100.4 | 90 | 110 | | | |
| WG263476CCB1 | CCB | 05/13/09 10:03 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCV2 | CCV | 05/13/09 10:34 | MS090415-2 | .25025 | | .2341 | mg/L | 93.5 | 90 | 110 | | | |
| WG263476CCB2 | CCB | 05/13/09 10:37 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCV3 | CCV | 05/13/09 10:59 | MS090415-2 | .25025 | | .2256 | mg/L | 90.1 | 90 | 110 | | | |
| WG263476CCB3 | CCB | 05/13/09 11:02 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Magnesium, dissolved

M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 100 | | 97.02 | mg/L | 97 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | 1 | | 1.01 | mg/L | 101 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 201.2 | | 195.67 | mg/L | 97.3 | 1 | 200 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 49.96908 | | 52.07 | mg/L | 104.2 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 50 | | 49.21 | mg/L | 98.4 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 50 | | 48.29 | mg/L | 96.6 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 49.96908 | 156 | 207.03 | mg/L | 102.1 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 49.96908 | 156 | 201.27 | mg/L | 90.6 | 85 | 115 | 2.82 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 50 | | 47.58 | mg/L | 95.2 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 100 | | 100.44 | mg/L | 100.4 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | 1 | | 1.03 | mg/L | 103 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 201.2 | | 204.9 | mg/L | 101.8 | 1 | 200 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | 49.96908 | | 50.55 | mg/L | 101.2 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 49.96908 | 71.8 | 124.82 | mg/L | 106.1 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 49.96908 | 71.8 | 125.83 | mg/L | 108.1 | 85 | 115 | 0.81 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 50 | | 47.7 | mg/L | 95.4 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 50 | | 50.31 | mg/L | 100.6 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.6 | 0.6 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 50 | | 50.26 | mg/L | 100.5 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.6 | 0.6 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Manganese, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|---------|-------|-------|--------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.8996 | mg/L | 95 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .025 | | .026 | mg/L | 104 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 50.025 | | 45.7191 | mg/L | 91.4 | 1 | 200 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | .5 | | .5209 | mg/L | 104.2 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | .9906 | mg/L | 99.1 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .9653 | mg/L | 96.5 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | .5 | .042 | .5545 | mg/L | 102.5 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | .5 | .042 | .5377 | mg/L | 99.1 | 85 | 115 | 3.08 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .965 | mg/L | 96.5 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 1.9856 | mg/L | 99.3 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .025 | | .0257 | mg/L | 102.8 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 50.025 | | 46.4112 | mg/L | 92.8 | 1 | 200 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | .5 | | .526 | mg/L | 105.2 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | .5 | .198 | .7274 | mg/L | 105.9 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | .5 | .198 | .727 | mg/L | 105.8 | 85 | 115 | 0.06 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | .9889 | mg/L | 98.9 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | .9958 | mg/L | 99.6 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | 1.007 | mg/L | 100.7 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.015 | 0.015 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Molybdenum, dissolved

M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG263094 | | | | | | | | | | | | | |
| WG263094ICV | ICV | 05/04/09 20:22 | II090115-1 | 2 | | 2.009 | mg/L | 100.5 | 95 | 105 | | | |
| WG263094ICB | ICB | 05/04/09 20:26 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263094PQV | PQV | 05/04/09 20:29 | II090420-2 | .05 | | .039 | mg/L | 78 | 70 | 130 | | | |
| WG263094SIC | SIC | 05/04/09 20:32 | II090330-1 | .1 | | .085 | mg/L | 85 | 80 | 120 | | | |
| WG263094LFB | LFB | 05/04/09 20:38 | II090428-2 | .5 | | .506 | mg/L | 101.2 | 85 | 115 | | | |
| WG263094CCV1 | CCV | 05/04/09 21:08 | II090115-2 | 1 | | 1.033 | mg/L | 103.3 | 90 | 110 | | | |
| WG263094CCB1 | CCB | 05/04/09 21:11 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L75555-04AS | AS | 05/04/09 21:35 | II090428-2 | .5 | U | .535 | mg/L | 107 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/04/09 21:38 | II090428-2 | .5 | U | .542 | mg/L | 108.4 | 85 | 115 | 1.3 | 20 | |
| WG263094CCV2 | CCV | 05/04/09 21:44 | II090115-2 | 1 | | 1.049 | mg/L | 104.9 | 90 | 110 | | | |
| WG263094CCB2 | CCB | 05/04/09 21:47 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263094CCV3 | CCV | 05/04/09 22:05 | II090115-2 | 1 | | 1.048 | mg/L | 104.8 | 90 | 110 | | | |
| WG263094CCB3 | CCB | 05/04/09 22:08 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 2.095 | mg/L | 104.8 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .05 | | .054 | mg/L | 108 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | .1 | | .117 | mg/L | 117 | 80 | 120 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | .5 | | .53 | mg/L | 106 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | .5 | .02 | .587 | mg/L | 113.4 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | .5 | .02 | .597 | mg/L | 115.4 | 85 | 115 | 1.69 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | 1.01 | mg/L | 101 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | .01 | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | 1.063 | mg/L | 106.3 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | 1.054 | mg/L | 105.4 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | .011 | mg/L | | -0.03 | 0.03 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG263693 | | | | | | | | | | | | | |
| WG263693ICV | ICV | 05/15/09 17:24 | WI090318-4 | 2.416 | | 2.393 | mg/L | 99 | 90 | 110 | | | |
| WG263693ICB | ICB | 05/15/09 17:26 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697 | | | | | | | | | | | | | |
| WG263697CCV1 | CCV | 05/15/09 21:34 | WI090514-1 | 2 | | 1.941 | mg/L | 97.1 | 90 | 110 | | | |
| WG263697CCB1 | CCB | 05/15/09 21:37 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697LFB1 | LFB | 05/15/09 21:38 | WI090317-8 | 2 | | 1.964 | mg/L | 98.2 | 90 | 110 | | | |
| L75544-01AS | AS | 05/15/09 21:41 | WI090317-8 | 2 | .04 | 2.005 | mg/L | 98.3 | 90 | 110 | | | |
| L75544-02DUP | DUP | 05/15/09 21:43 | | | .15 | .142 | mg/L | | | | 5.5 | 20 | RA |
| WG263697CCV2 | CCV | 05/15/09 21:51 | WI090514-1 | 2 | | 1.965 | mg/L | 98.3 | 90 | 110 | | | |
| WG263697CCB2 | CCB | 05/15/09 21:54 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697CCV3 | CCV | 05/15/09 22:08 | WI090514-1 | 2 | | 1.982 | mg/L | 99.1 | 90 | 110 | | | |
| WG263697CCB3 | CCB | 05/15/09 22:11 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697LFB2 | LFB | 05/15/09 22:19 | WI090317-8 | 2 | | 2.015 | mg/L | 100.8 | 90 | 110 | | | |
| WG263697CCV4 | CCV | 05/15/09 22:25 | WI090514-1 | 2 | | 1.994 | mg/L | 99.7 | 90 | 110 | | | |
| WG263697CCB4 | CCB | 05/15/09 22:28 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697CCV6 | CCV | 05/15/09 22:52 | WI090514-1 | 2 | | 1.987 | mg/L | 99.4 | 90 | 110 | | | |
| WG263697CCB5 | CCB | 05/15/09 22:55 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263697CCV7 | CCV | 05/15/09 23:08 | WI090514-1 | 2 | | 1.979 | mg/L | 99 | 90 | 110 | | | |
| WG263697CCB6 | CCB | 05/15/09 23:11 | | | | U | mg/L | | -0.06 | 0.06 | | | |

Nitrogen, ammonia M350.1 - Automated Phenate

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG263482 | | | | | | | | | | | | | |
| WG263482ICV | ICV | 05/12/09 15:25 | WI090429-1 | 1 | | .975 | mg/L | 97.5 | 90 | 110 | | | |
| WG263482ICB | ICB | 05/12/09 15:28 | | | | U | mg/L | | -0.15 | 0.15 | | | |
| WG263482LFB | LFB | 05/12/09 15:29 | WI090512-6 | 3 | | 2.842 | mg/L | 94.7 | 90 | 110 | | | |
| L75544-01AS | AS | 05/12/09 15:31 | WI090512-6 | 3 | .09 | 2.864 | mg/L | 92.5 | 90 | 110 | | | |
| L75544-02DUP | DUP | 05/12/09 15:34 | | | U | U | mg/L | | | | 0 | 20 | RA |
| WG263482CCV1 | CCV | 05/12/09 15:40 | WI090424-5 | 2 | | 2.054 | mg/L | 102.7 | 90 | 110 | | | |
| WG263482CCB1 | CCB | 05/12/09 15:41 | | | | U | mg/L | | -0.15 | 0.15 | | | |
| WG263482CCV2 | CCV | 05/12/09 15:53 | WI090424-5 | 2 | | 2.059 | mg/L | 103 | 90 | 110 | | | |
| WG263482CCB2 | CCB | 05/12/09 15:54 | | | | U | mg/L | | -0.15 | 0.15 | | | |
| WG263482CCV3 | CCV | 05/12/09 16:04 | WI090424-5 | 2 | | 2.075 | mg/L | 103.8 | 90 | 110 | | | |
| WG263482CCB3 | CCB | 05/12/09 16:05 | | | | U | mg/L | | -0.15 | 0.15 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Potassium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 20 | | 19.86 | mg/L | 99.3 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | 1.5 | | 1.48 | mg/L | 98.7 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 1.5 | | 1.42 | mg/L | 94.7 | 80 | 120 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 99.76186 | | 103.83 | mg/L | 104.1 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 10 | | 9.91 | mg/L | 99.1 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 10 | | 9.61 | mg/L | 96.1 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 99.76186 | 3.2 | 110.08 | mg/L | 107.1 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 99.76186 | 3.2 | 105.24 | mg/L | 102.3 | 85 | 115 | 4.5 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 10 | | 9.5 | mg/L | 95 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263343 | | | | | | | | | | | | | |
| WG263343ICV | ICV | 05/08/09 10:46 | II090115-1 | 20 | | 20 | mg/L | 100 | 95 | 105 | | | |
| WG263343ICB | ICB | 05/08/09 10:50 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263343PQV | PQV | 05/08/09 10:53 | II090420-2 | 1.5 | | 1.48 | mg/L | 98.7 | 70 | 130 | | | |
| WG263343SIC | SIC | 05/08/09 10:56 | II090505-2 | 1.5 | | 1.45 | mg/L | 96.7 | 80 | 120 | | | |
| WG263343LFB | LFB | 05/08/09 11:03 | II090428-2 | 99.76186 | | 95.92 | mg/L | 96.1 | 85 | 115 | | | |
| L75544-02AS | AS | 05/08/09 11:10 | II090428-2 | 99.76186 | 18 | 122.45 | mg/L | 104.7 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/08/09 11:13 | II090428-2 | 99.76186 | 18 | 121.87 | mg/L | 104.1 | 85 | 115 | 0.47 | 20 | |
| WG263343CCV1 | CCV | 05/08/09 11:26 | II090115-2 | 10 | | 10.26 | mg/L | 102.6 | 90 | 110 | | | |
| WG263343CCB1 | CCB | 05/08/09 11:29 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263343CCV2 | CCV | 05/08/09 11:52 | II090115-2 | 10 | | 10 | mg/L | 100 | 90 | 110 | | | |
| WG263343CCB2 | CCB | 05/08/09 11:55 | | | | 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 |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| WG263121 | | | | | | | | | | | | | |
| WG263121PBW | PBW | 05/04/09 15:00 | | | | U | mg/L | | -20 | 20 | | | |
| WG263121LCSW | LCSW | 05/04/09 15:00 | PCN31923 | 260 | | 238 | mg/L | 91.5 | 80 | 120 | | | |
| L75546-03DUP | DUP | 05/04/09 15:07 | | | 4960 | 4838 | mg/L | | | | 2.5 | 20 | |

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

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|-----|-------|-------|-----|-------|------|
| WG263107 | | | | | | | | | | | | | |
| WG263107PBW | PBW | 05/04/09 12:05 | | | | U | mg/L | | -15 | 15 | | | |
| WG263107LCSW | LCSW | 05/04/09 12:06 | PCN31923 | 160 | | 160 | mg/L | 100 | 80 | 120 | | | |
| L75545-01DUP | DUP | 05/04/09 12:25 | | | U | U | mg/L | | | | 0 | 20 | RA |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Selenium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG263476 | | | | | | | | | | | | | |
| WG263476ICV | ICV | 05/13/09 9:31 | MS090326-1 | .05 | | .05066 | mg/L | 101.3 | 90 | 110 | | | |
| WG263476ICB | ICB | 05/13/09 9:33 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG263476PQV | PQV | 05/13/09 9:36 | MS090428-2 | .00025025 | | .00023 | mg/L | 91.9 | 70 | 130 | | | |
| WG263476LFB | LFB | 05/13/09 9:39 | MS090409-2 | .05005 | | .04603 | mg/L | 92 | 85 | 115 | | | |
| L75655-03AS | AS | 05/13/09 9:56 | MS090409-2 | .05005 | U | .05481 | mg/L | 109.5 | 70 | 130 | | | |
| L75655-03ASD | ASD | 05/13/09 9:58 | MS090409-2 | .05005 | U | .05692 | mg/L | 113.7 | 70 | 130 | 3.78 | 20 | |
| WG263476CCV1 | CCV | 05/13/09 10:01 | MS090415-2 | .25025 | | .2446 | mg/L | 97.7 | 90 | 110 | | | |
| WG263476CCB1 | CCB | 05/13/09 10:03 | | | | .00018 | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCV2 | CCV | 05/13/09 10:34 | MS090415-2 | .25025 | | .2264 | mg/L | 90.5 | 90 | 110 | | | |
| WG263476CCB2 | CCB | 05/13/09 10:37 | | | | .00022 | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCV3 | CCV | 05/13/09 10:59 | MS090415-2 | .25025 | | .2275 | mg/L | 90.9 | 90 | 110 | | | |
| WG263476CCB3 | CCB | 05/13/09 11:02 | | | | .00017 | mg/L | | -0.0003 | 0.0003 | | | |

Silica, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 42.8 | | 42.52 | mg/L | 99.3 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | 2.14 | | 2.31 | mg/L | 107.9 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | 2.14 | | 2.26 | mg/L | 105.6 | 80 | 120 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | 21.4 | | 23.59 | mg/L | 110.2 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 21.4 | | 21.84 | mg/L | 102.1 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 21.4 | | 21.43 | mg/L | 100.1 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 21.4 | 13.7 | 37.82 | mg/L | 112.7 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 21.4 | 13.7 | 36.83 | mg/L | 108.1 | 85 | 115 | 2.65 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 21.4 | | 21.36 | mg/L | 99.8 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 42.8 | | 41.75 | mg/L | 97.5 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | 2.14 | | 2.17 | mg/L | 101.4 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | 2.14 | | 2.16 | mg/L | 100.9 | 80 | 120 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | 21.4 | | 21.7 | mg/L | 101.4 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 21.4 | 11.8 | 33.31 | mg/L | 100.5 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 21.4 | 11.8 | 33.24 | mg/L | 100.2 | 85 | 115 | 0.21 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 21.4 | | 20.77 | mg/L | 97.1 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 21.4 | | 20.82 | mg/L | 97.3 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -1.2 | 1.2 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 21.4 | | 21.18 | mg/L | 99 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -1.2 | 1.2 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Sodium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|-----|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053 CV | ICV | 05/02/09 17:59 | II090115-1 | 100 | | 99.66 | mg/L | 99.7 | 95 | 105 | | | |
| WG263053 CB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | 1.5 | | 1.57 | mg/L | 104.7 | 70 | 130 | | | |
| WG263053 C | SIC | 05/02/09 18:09 | II090330-1 | 1.5 | | 1.53 | mg/L | 102 | 80 | 120 | | | |
| WG263053 LFB | LFB | 05/02/09 18:16 | II090428-2 | 98.21624 | | 105.79 | mg/L | 107.7 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 50 | | 50.01 | mg/L | 100 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 50 | | 48.93 | mg/L | 97.9 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | 98.21624 | 11.7 | 119.77 | mg/L | 110 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | 98.21624 | 11.7 | 114.5 | mg/L | 104.7 | 85 | 115 | 4.5 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 50 | | 47.99 | mg/L | 96 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.9 | 0.9 | | | |

WG263215

| | | | | | | | | | | | | | |
|--------------|-----|----------------|------------|----------|-----|--------|------|-------|------|-----|------|----|--|
| WG263215 CV | ICV | 05/07/09 17:04 | II090115-1 | 100 | | 99.27 | mg/L | 99.3 | 95 | 105 | | | |
| WG263215 CB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | 1.5 | | 1.58 | mg/L | 105.3 | 70 | 130 | | | |
| WG263215 C | SIC | 05/07/09 17:15 | II090505-2 | 1.5 | | 1.54 | mg/L | 102.7 | 80 | 120 | | | |
| WG263215 LFB | LFB | 05/07/09 17:21 | II090428-2 | 98.21624 | | 99.54 | mg/L | 101.3 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | 98.21624 | 102 | 195.76 | mg/L | 95.5 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | 98.21624 | 102 | 195.6 | mg/L | 95.3 | 85 | 115 | 0.08 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 50 | | 49.89 | mg/L | 99.8 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 50 | | 50.14 | mg/L | 100.3 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.9 | 0.9 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 50 | | 50.71 | mg/L | 101.4 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.9 | 0.9 | | | |

Sulfate SM4500 SO4-D

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-----|-------|-------|-----|-------|------|
| WG263485 | | | | | | | | | | | | | |
| WG263485PBW | PBW | 05/12/09 15:30 | | | | 14 | mg/L | | -30 | 30 | | | |
| WG263485LCSW | LCSW | 05/12/09 15:31 | WC080910-2 | 100 | | 119 | mg/L | 119 | 80 | 120 | | | |
| L75671-07DUP | DUP | 05/12/09 15:49 | | | 260 | 252 | mg/L | | | | 3.1 | 20 | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Sulfide as S 376.2 - Methylene Blue

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| WG263159 | | | | | | | | | | | | | |
| WG263159ICV | ICV | 05/05/09 12:20 | WC090505-6 | .37466 | | .411 | mg/L | 109.7 | 90 | 110 | | | |
| WG263159ICB | ICB | 05/05/09 12:25 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263159LFB | LFB | 05/05/09 12:31 | WC090505-8 | .2613333 | | .282 | mg/L | 107.9 | 80 | 120 | | | |
| WG263159CCV1 | CCV | 05/05/09 13:31 | WC090505-5 | .196 | | .195 | mg/L | 99.5 | 90 | 110 | | | |
| WG263159CCB1 | CCB | 05/05/09 13:37 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| L75557-03AS | AS | 05/05/09 13:49 | WC090505-8 | .2613333 | .05 | .188 | mg/L | 52.8 | 75 | 125 | | | M2 |
| L75557-03DUP | DUP | 05/05/09 13:54 | | | .05 | .054 | mg/L | | | | 7.7 | 20 | RA |
| WG263159CCV2 | CCV | 05/05/09 14:42 | WC090505-5 | .196 | | .194 | mg/L | 99 | 90 | 110 | | | |
| WG263159CCB2 | CCB | 05/05/09 14:48 | | | | U | mg/L | | -0.06 | 0.06 | | | |
| WG263159CCV3 | CCV | 05/05/09 15:06 | WC090505-5 | .196 | | .188 | mg/L | 95.9 | 90 | 110 | | | |
| WG263159CCB3 | CCB | 05/05/09 15:12 | | | | U | mg/L | | -0.06 | 0.06 | | | |

Uranium, dissolved M200.8 ICP-MS

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| WG263476 | | | | | | | | | | | | | |
| WG263476ICV | ICV | 05/13/09 9:31 | MS090326-1 | .05 | | .04941 | mg/L | 98.8 | 90 | 110 | | | |
| WG263476ICB | ICB | 05/13/09 9:33 | | | | U | mg/L | | -0.00022 | 0.00022 | | | |
| WG263476PQV | PQV | 05/13/09 9:36 | MS090428-2 | .0005 | | .00049 | mg/L | 98 | 70 | 130 | | | |
| WG263476LFB | LFB | 05/13/09 9:39 | MS090409-2 | .05 | | .04698 | mg/L | 94 | 85 | 115 | | | |
| L75655-03AS | AS | 05/13/09 9:56 | MS090409-2 | .05 | U | .04812 | mg/L | 96.2 | 70 | 130 | | | |
| L75655-03ASD | ASD | 05/13/09 9:58 | MS090409-2 | .05 | U | .04898 | mg/L | 98 | 70 | 130 | 1.77 | 20 | |
| WG263476CCV1 | CCV | 05/13/09 10:01 | MS090415-2 | .1 | | .1005 | mg/L | 100.5 | 90 | 110 | | | |
| WG263476CCB1 | CCB | 05/13/09 10:03 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCV2 | CCV | 05/13/09 10:34 | MS090415-2 | .1 | | .09346 | mg/L | 93.5 | 90 | 110 | | | |
| WG263476CCB2 | CCB | 05/13/09 10:37 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG263476CCB3 | CCB | 05/13/09 11:02 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Vanadium, dissolved M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|--------|-------|-------|--------|-------|------|-------|------|
| WG263053 | | | | | | | | | | | | | |
| WG263053ICV | ICV | 05/02/09 17:59 | II090115-1 | 2 | | 1.9405 | mg/L | 97 | 95 | 105 | | | |
| WG263053ICB | ICB | 05/02/09 18:02 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263053PQV | PQV | 05/02/09 18:06 | II090420-2 | .025 | | .0304 | mg/L | 121.6 | 70 | 130 | | | |
| WG263053SIC | SIC | 05/02/09 18:09 | II090330-1 | .1 | | .1057 | mg/L | 105.7 | 80 | 120 | | | |
| WG263053LFB | LFB | 05/02/09 18:16 | II090428-2 | .5 | | .5206 | mg/L | 104.1 | 85 | 115 | | | |
| WG263053CCV1 | CCV | 05/02/09 18:39 | II090115-2 | 1 | | .9901 | mg/L | 99 | 90 | 110 | | | |
| WG263053CCB1 | CCB | 05/02/09 18:42 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263053CCV2 | CCV | 05/02/09 19:18 | II090115-2 | 1 | | .9911 | mg/L | 99.1 | 90 | 110 | | | |
| WG263053CCB2 | CCB | 05/02/09 19:21 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| L75555-04AS | AS | 05/02/09 19:25 | II090428-2 | .5 | U | .5207 | mg/L | 104.1 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/02/09 19:28 | II090428-2 | .5 | U | .5028 | mg/L | 100.6 | 85 | 115 | 3.5 | 20 | |
| WG263053CCV3 | CCV | 05/02/09 19:51 | II090115-2 | 1 | | .9679 | mg/L | 96.8 | 90 | 110 | | | |
| WG263053CCB3 | CCB | 05/02/09 19:54 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215 | | | | | | | | | | | | | |
| WG263215ICV | ICV | 05/07/09 17:04 | II090115-1 | 2 | | 2.0991 | mg/L | 105 | 95 | 105 | | | |
| WG263215ICB | ICB | 05/07/09 17:09 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215PQV | PQV | 05/07/09 17:12 | II090420-2 | .025 | | .0268 | mg/L | 107.2 | 70 | 130 | | | |
| WG263215SIC | SIC | 05/07/09 17:15 | II090505-2 | .1 | | .0992 | mg/L | 99.2 | 80 | 120 | | | |
| WG263215LFB | LFB | 05/07/09 17:21 | II090428-2 | .5 | | .5353 | mg/L | 107.1 | 85 | 115 | | | |
| L75544-02AS | AS | 05/07/09 17:34 | II090428-2 | .5 | U | .555 | mg/L | 111 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/07/09 17:37 | II090428-2 | .5 | U | .5516 | mg/L | 110.3 | 85 | 115 | 0.61 | 20 | |
| WG263215CCV1 | CCV | 05/07/09 17:53 | II090115-2 | 1 | | 1.0319 | mg/L | 103.2 | 90 | 110 | | | |
| WG263215CCB1 | CCB | 05/07/09 17:56 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215CCV2 | CCV | 05/07/09 18:30 | II090115-2 | 1 | | 1.0337 | mg/L | 103.4 | 90 | 110 | | | |
| WG263215CCB2 | CCB | 05/07/09 18:33 | | | | U | mg/L | | -0.015 | 0.015 | | | |
| WG263215CCV3 | CCV | 05/07/09 18:52 | II090115-2 | 1 | | 1.0464 | mg/L | 104.6 | 90 | 110 | | | |
| WG263215CCB3 | CCB | 05/07/09 18:55 | | | | U | mg/L | | -0.015 | 0.015 | | | |

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Zinc, dissolved

M200.7 ICP

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|-------|-------|-------|------|-------|------|
| WG263094 | | | | | | | | | | | | | |
| WG263094ICV | ICV | 05/04/09 20:22 | II090115-1 | 2 | | 1.89 | mg/L | 94.5 | 95 | 105 | | | |
| WG263094ICB | ICB | 05/04/09 20:26 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263094PQV | PQV | 05/04/09 20:29 | II090420-2 | .05 | | .051 | mg/L | 102 | 70 | 130 | | | |
| WG263094SIC | SIC | 05/04/09 20:32 | II090330-1 | .1 | | .083 | mg/L | 83 | 80 | 120 | | | |
| WG263094LFB | LFB | 05/04/09 20:38 | II090428-2 | .5 | | .508 | mg/L | 101.6 | 85 | 115 | | | |
| WG263094CCV1 | CCV | 05/04/09 21:08 | II090115-2 | 1 | | 1.013 | mg/L | 101.3 | 90 | 110 | | | |
| WG263094CCB1 | CCB | 05/04/09 21:11 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| L75555-04AS | AS | 05/04/09 21:35 | II090428-2 | .5 | .81 | 1.306 | mg/L | 99.2 | 85 | 115 | | | |
| L75555-04ASD | ASD | 05/04/09 21:38 | II090428-2 | .5 | .81 | 1.317 | mg/L | 101.4 | 85 | 115 | 0.84 | 20 | |
| WG263094CCV2 | CCV | 05/04/09 21:44 | II090115-2 | 1 | | 1.027 | mg/L | 102.7 | 90 | 110 | | | |
| WG263094CCB2 | CCB | 05/04/09 21:47 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263094CCV3 | CCV | 05/04/09 22:05 | II090115-2 | 1 | | 1.028 | mg/L | 102.8 | 90 | 110 | | | |
| WG263094CCB3 | CCB | 05/04/09 22:08 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263343 | | | | | | | | | | | | | |
| WG263343ICV | ICV | 05/08/09 10:46 | II090115-1 | 2 | | 1.905 | mg/L | 95.3 | 95 | 105 | | | |
| WG263343ICB | ICB | 05/08/09 10:50 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263343PQV | PQV | 05/08/09 10:53 | II090420-2 | .05 | | .062 | mg/L | 124 | 70 | 130 | | | |
| WG263343SIC | SIC | 05/08/09 10:56 | II090505-2 | .1 | | .092 | mg/L | 92 | 80 | 120 | | | |
| WG263343LFB | LFB | 05/08/09 11:03 | II090428-2 | .5 | | .49 | mg/L | 98 | 85 | 115 | | | |
| L75544-02AS | AS | 05/08/09 11:10 | II090428-2 | .5 | U | .515 | mg/L | 103 | 85 | 115 | | | |
| L75544-02ASD | ASD | 05/08/09 11:13 | II090428-2 | .5 | U | .512 | mg/L | 102.4 | 85 | 115 | 0.58 | 20 | |
| WG263343CCV1 | CCV | 05/08/09 11:26 | II090115-2 | 1 | | .993 | mg/L | 99.3 | 90 | 110 | | | |
| WG263343CCB1 | CCB | 05/08/09 11:29 | | | | U | mg/L | | -0.03 | 0.03 | | | |
| WG263343CCV2 | CCV | 05/08/09 11:52 | II090115-2 | 1 | | 1.002 | mg/L | 100.2 | 90 | 110 | | | |
| WG263343CCB2 | CCB | 05/08/09 11:55 | | | | U | mg/L | | -0.03 | 0.03 | | | |

Energy Fuels Resources Corporation

ACZ Project ID: **L75544**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|------------------|------------------|-------------------------------------|----------------------------|---|---|
| L75544-01 | WG263053 | Calcium, dissolved | M200.7 ICP | M3 | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG263745 | Chloride | SM4500Cl-E | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG263596 | Fluoride | SM4500F-C | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263697 | Nitrate/Nitrite as N | M353.2 - H2SO4 preserved | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263482 | Nitrogen, ammonia | M350.1 - Automated Phenate | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263107 | Residue, Non-Filterable (TSS) @105C | SM2540D | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263159 | Sulfide as S | 376.2 - Methylene Blue | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | | | 376.2 - Methylene Blue | QD | Reported value is the background-corrected concentration, as described by the method. |
| | | | 376.2 - Methylene Blue | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| WG263304 | Total Alkalinity | SM2320B - Titration | B7 | Target analyte detected in prep / method blank at or above acceptance limit. Sample value is > 10X the concentration in the method blank. | |
| L75544-02 | WG263215 | Iron, dissolved | M200.7 ICP | M3 | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG263745 | Chloride | SM4500Cl-E | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | WG263596 | Fluoride | SM4500F-C | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263697 | Nitrate/Nitrite as N | M353.2 - H2SO4 preserved | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263482 | Nitrogen, ammonia | M350.1 - Automated Phenate | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263107 | Residue, Non-Filterable (TSS) @105C | SM2540D | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| | WG263159 | Sulfide as S | 376.2 - Methylene Blue | DD | Sample required dilution due to matrix color or odor. |
| | | | 376.2 - Methylene Blue | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| | | | 376.2 - Methylene Blue | RA | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL). |
| WG263304 | Total Alkalinity | SM2320B - Titration | B7 | Target analyte detected in prep / method blank at or above acceptance limit. Sample value is > 10X the concentration in the method blank. | |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE

Sample ID: MW-8

Locator:

ACZ Sample ID: **L75544-01**

Date Sampled: 04/29/09 9:05

Date Received: 05/01/09

Sample Matrix: Ground Water

Gross Alpha & Beta, dissolved

Prep Method:

M900.0

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Gross Alpha | 05/11/09 8:58 | | 11 | 9.4 | 8.5 | pCi/L | * | bjl |
| Gross Beta | 05/11/09 8:58 | | 20 | 13 | 16 | pCi/L | | bjl |

Radium 226, dissolved

Prep Method:

M903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-----------------------|----------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226, dissolved | 05/11/09 14:21 | | 0.89 | 0.13 | 0.2 | pCi/L | | skg |

Energy Fuels Resources Corporation

Project ID: PINON RIDGE

Sample ID: PW-2

Locator:

ACZ Sample ID: **L75544-02**

Date Sampled: 04/29/09 16:10

Date Received: 05/01/09

Sample Matrix: Ground Water

Gross Alpha & Beta, dissolved

Prep Method:

M900.0

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Gross Alpha | 05/11/09 9:00 | | 21 | 5.9 | 3.1 | pCi/L | * | bjl |
| Gross Beta | 05/11/09 9:00 | | 21 | 5.2 | 5.7 | pCi/L | | bjl |

Radium 226, dissolved

Prep Method:

M903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-----------------------|----------------|-----------|--------|------------|------|-------|----|---------|
| Radium 226, dissolved | 05/11/09 14:23 | | 0.0 | 0.09 | 0.25 | pCi/L | | skg |

Report Header Explanations

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

QC Sample Types

| | | | |
|------|-----------------------------------|--------|-------------------------------------|
| DUP | Sample Duplicate | MS/MSD | Matrix Spike/Matrix Spike Duplicate |
| LCSS | Laboratory Control Sample - Soil | PBS | Prep Blank - Soil |
| LCSW | Laboratory Control Sample - Water | PBW | 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) & 20th edition (1998). |
| 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.

For a complete list of ACZ's Extended Qualifiers, please click:

<http://www.acz.com/public/extquallist.pdf>

Energy Fuels Resources Corporation
 Project ID: PINON RIDGE

ACZ Project ID: **L75544**

Alpha M900.0 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|-------|--------|-------|-----|-------|-------|------|------|-------|-------|---------|-------|------|
| WG263488 | | | | | | | | | | | | | | | | |
| WG263082PBW | PBW | 05/11/09 | | | | | | 1 | 0.95 | 0.89 | | | | | 1.78 | |
| WG263082LCSW | LCSW | 05/11/09 | RC081215-1 | 81.06 | | | | 50 | 5.9 | 1.3 | 61.7 | 52 | 129 | | | |
| L75561-01DUP | DUP-RER | 05/11/09 | | | -0.55 | 0.73 | 1.2 | .95 | 1.1 | 1.3 | | | | 1.14 | 2 | |
| L75532-01MS | MS | 05/11/09 | RC081215-1 | 81.06 | 1.7 | 2.1 | 2.2 | 36 | 6.5 | 2.2 | 42.3 | 52 | 129 | | | M2 |

Beta M900.0 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|----------|-------|--------|-------|-----|-------|-------|-----|------|-------|-------|---------|-------|------|
| WG263488 | | | | | | | | | | | | | | | | |
| WG263082PBW | PBW | 05/11/09 | | | | | | .55 | 1.8 | 2.6 | | | | | 5.2 | |
| WG263082LCSW | LCSW | 05/11/09 | PCN30861 | 100 | | | | 95 | 6.3 | 3.9 | 95 | 65 | 104 | | | |
| L75561-01DUP | DUP-RER | 05/11/09 | | | -0.51 | 1.9 | 2.6 | 2.2 | 1.8 | 2.7 | | | | 1.04 | 2 | |
| L75561-02MS | MS | 05/11/09 | PCN30861 | 66.67 | 5.9 | 2.2 | 2.6 | 61 | 4.2 | 2.6 | 82.7 | 65 | 104 | | | |

Radium 226, dissolved M903.1 pCi/L

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Error | LLD | Found | Error | LLD | Rec | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|------------|-------|--------|-------|------|-------|-------|------|------|-------|-------|---------|-------|------|
| WG263475 | | | | | | | | | | | | | | | | |
| WG263083PBW | PBW | 05/11/09 | | | | | | .05 | 0.08 | 0.19 | | | | | 0.38 | |
| WG263083LCSW | LCSW | 05/11/09 | RC090209-1 | 23.92 | | | | 17 | 0.48 | 0.18 | 71.1 | 44 | 128 | | | |
| L75519-01DUP | DUP-RER | 05/11/09 | | | 0.15 | 0.07 | 0.17 | .17 | 0.07 | 0.16 | | | | 0.2 | 2 | |
| L75544-01DUP | DUP-RER | 05/11/09 | | | 0.89 | 0.13 | 0.2 | .86 | 0.12 | 0.17 | | | | 0.17 | 2 | |
| L75545-01MS | MS | 05/11/09 | RC090209-1 | 23.92 | 2 | 0.17 | 0.17 | 23 | 0.6 | 0.21 | 87.8 | 44 | 128 | | | |

Energy Fuels Resources Corporation

ACZ Project ID: **L75544**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|-----------|----------|-------------|--------|------|---|
| L75544-01 | WG263488 | Gross Alpha | M900.0 | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |
| L75544-02 | WG263488 | Gross Alpha | M900.0 | M2 | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable. |

Energy Fuels Resources Corporation

ACZ Project ID: **L75544**

Wet Chemistry

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

Sulfide as S

376.2 - Methylene Blue

Energy Fuels Resources Corporation
 PINON RIDGE

ACZ Project ID: L75544
 Date Received: 5/1/2009
 Received By:
 Date Printed: 5/1/2009

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

N/A

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

N/A

Shipping Containers

| Cooler Id | Temp (°C) | Rad (µR/hr) |
|-----------|-----------|-------------|
| NA8330 | 0.9 | 14 |
| | | |
| | | |

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

Notes

Energy Fuels Resources Corporation
 PINON RIDGE

ACZ Project ID: L75544
 Date Received: 5/1/2009
 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 |
|-----------|-----------|-------|-------|--------|-------|--------|-------|-------|--------|-----|-----|--------------------------|
| L75544-01 | MW-8 | | Y | | Y | | | | Y | | | <input type="checkbox"/> |
| L75544-02 | PW-2 | | Y | | 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: _____

