DOLORES RIVER WATER QUALITY 2010 SUMMARY REPORT ENERGY FUELS RESOURCES CORPORATION URANIUM MILL LICENSING SUPPORT PIÑON RIDGE MILL MONTROSE COUNTY, COLORADO

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Prepared By:

Energy Fuels Resources Corporation
44 Union Boulevard, Suite 600
Lakewood, Colorado 80228

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1.0 INTRODUCTION

Energy Fuels Resources Corporation (EFR) plans to construct and operate a conventional acid leach uranium and vanadium mill at the Piñon Ridge Project Site (Site). The mill will process ore produced from mines within a reasonable truck-hauling distance of the Site and will have a capacity of 500 tons per day. The operating life of the mill is expected to be 40 years.

The Site is located at 16910 Highway 90, approximately 14 miles west of Naturita and 7 miles east of Bedrock, Colorado and the Dolores River. The Site comprises approximately 880 acres and is located on Colorado State Highway 90 (SH 90).

The Site surface drainage ultimately flows to the Dolores River via East Paradox Creek, an ephemeral drainage. However, surface flow infrequently reaches the Dolores River from east Paradox Valley due to water infiltration, evaporation and interception by stock ponds. The Dolores River sampling program has been developed to characterize baseline water quality in the Dolores River through Paradox Valley in response to the Request for Additional Information issued by Colorado Department of Public Health and Environmental (CDPHE) on February 26, 2010.

The sampling program has been developed to collect surface water from three locations along the Dolores River for four consecutive calendar quarters. The locations were chosen to characterize the water quality upstream of Paradox Valley, immediately downstream of the confluence with East Paradox Creek, and downstream of Paradox Valley. Refer to Figure 1 for the sample locations.

Four quarterly sampling events were conducted on March 10, May 12, September 1 and November 8, 2010.

2.0 FIELD ACTIVITIES

The Dolores River water sampling was conducted in general accordance with the Piñon Ridge Work Plan for Surface Water Sampling prepared by Kleinfelder and revised on December 18, 2008; with minor deviations due to the difference in sample source (i.e. river vs. surface water sampler apparatus).

Energy Fuels collected samples from three locations along the Dolores River (see Figure 1). Field parameters were measured in the river at the time of sample collection. Samples were collected in sample bottles provided by the analytical laboratory. Due to high sediment load of the river water, the samples could not be filtered in the field. As a result, only raw samples were collected and were filtered and preserved in the laboratory, as necessary. Following collection, samples were placed in a cooler with ice. The samples were later packed with fresh ice and delivered to ACZ Laboratories, Inc. (ACZ) for analysis using appropriate chain of custody procedures.

3.0 DATA SUMMARY

Dolores River water samples were analyzed for field parameters, general chemistry parameters, major ions, total and dissolved metals, and total and dissolved radionuclides. The analytical results are summarized in Table 1 and laboratory data sheets are included in Appendix A.

3.1 Field Parameters

Field parameters were measured in the river at the time of sample collection. The field parameters that were measured include temperature, pH, specific conductance, dissolved oxygen, and oxidation-reduction potential. Refer to Appendix A for copies of the field data sheets. Field data sheets for the May 12 sampling event were lost during subsequent field work and are not included.

Flow rates in the river at two USGS gauging stations were obtained from the USGS website (http://waterdata.usgs.gov/nwis) for the 15-minute measurement interval closest to the sample date and time and are included on Table 1. As shown on Figure 1, USGS Station No. 09169500 is located on the upstream end of the valley, immediately upstream of the SH 90 Bridge at Bedrock and approximately 0.7 mile downstream of the DR-UP sample location and 1.9 miles upstream of the DR-MID sample location. USGS Station No. 09171100 is located on the downstream end of Paradox Valley, approximately 0.1 mile downstream of the DR-DOWN sample location.

3.2 Analytical Results

Surface water samples were analyzed for:

- Dissolved aluminum, antimony, arsenic, barium, beryllium, cadmium, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, thallium, uranium, vanadium, and zinc;
- Total chromium;
- Total antimony, arsenic, cadmium, lead, mercury, selenium, and thallium; (March 12 sampling event only);
- Major Ions (alkalinity, carbonate, bicarbonate, calcium, chloride, fluoride, magnesium, nitrate/nitrite, potassium, silica, sodium, and sulfate);

- General Chemistry (total dissolved solids and total suspended solids) by applicable methods; and
- Dissolved/Total radionuclides (gross alpha, radium-226, radium-228, lead-210, thorium-228, thorium-230, and thorium-232).

Table 1 presents a summary of the analytical results for the four sampling events. Copies of the laboratory analytical reports for the sampling events are provided in Appendix B.

Available historical sample results from samples collected at the two USGS locations are also included in Table 1. The constituents analyzed for in the historic USGS samples are limited. Only constituents that are included in the suite of baseline parameters are included in the table.

Seasonal variability in the flow rate of the Dolores River is accompanied by variability in the water quality. This is evidenced by the trending of higher total dissolved solids (TDS) during periods of low flow. This is shown in the historical data gathered at the USGS Station No. 09169500 (upstream station) in Table 2 and Figure 2. However, this trend is not evident based on the four sampling events conducted in 2010 indicating that other factors, such as the Bureau of Reclamation's Paradox Valley Salinity Control Project, may affect the TDS levels in the Dolores River as well.

3.3 Quality Assurance/Quality Control Review

A review of the ACZ Level 3 quality control summary indicates that the analytical instruments were functioning properly because method blanks, spike, and duplicate concentrations were generally within the acceptable ranges per the specified methods. Where quality control samples were outside of acceptable ranges, the laboratory provided case narratives that indicated or resolved the discrepancies.

Data completeness is measured as a percentage of the targeted parameters for which unqualified data are obtained. The data completeness target for this project is 90 percent.

The data completeness is summarized below:

- March 10 Sampling Event – 100%
- May 12 Sampling Event – 90.4%
- September 1 Sampling Event – 100%
- November 8 Sampling Event – 100%

The 9.6% loss in data completeness for each of the May 12 samples was due to loss of field notes which contained the field parameter measurements. Although lab results included pH and USGS station data included temperature and specific conductance, these data were not included in the data completeness because they were past the holding time or not specific to the collected samples.

Duplicate samples were collected during the May 12 and September 1 sampling events at sample locations DOWN and UP, respectively. Dissolved metals analytical results of the duplicate samples were generally within an acceptable range of the parent sample, i.e., within 35 relative percent difference (RPD). The exceptions were aluminum and iron at 50 RPD each for the May 12 samples and aluminum at 75 RPD for the September 1 samples. The relatively high RPD is attributable to concentrations of these parameters that were below or only slightly above minimum detectable concentrations.

4.0 DISCUSSION

Conclusions based on the sample data collected to date are qualified by the fact that they are based a relatively small sample size (i.e., four sampling events). Nonetheless, the data shows significant consistency throughout the sampling events. Field observations and analytical results for the 2010 sampling events indicate:

- The flow rate in the river varied significantly during the sampling events from 39 to 127 cubic feet per second (cfs). The variation followed expected seasonal trends, peaking during the May 12 event and at a minimum during the November 8 event. Complete USGS station flow records for December 14, 2009 through December 14, 2010 indicate the Dolores River flow in Paradox Valley peaked on April 18, 2010 at 1,320 cfs and was at low-flow on September 19-20, 2010 at 25 cfs.

- Highly variable levels of total dissolved solids (ranging from 270 to 1590 mg/L) and total suspended solids (ranging from 26 to 720 mg/L) were observed in the samples.

- The major ion concentrations are fairly consistent for each location with the exception of chloride, sodium and sulfate. Although, these parameters were highly variable, there were no apparent trends in the concentrations of these parameters in relation to season or flow rate.

- Chloride and sodium concentration are relatively consistent from the UP to MID sample locations but increase by 3 to 4 times on average between the MID and DOWN locations. This is due to the influence of groundwater entering the river through the salt formation under Paradox Valley. Even higher ratios were observed in the historical samples collected by the USGS at the USGS stations prior to the implementation of the salinity control project.

- Dissolved metals concentrations were relatively consistent among all the samples collected and were generally near or below the minimum detectable concentrations.

- Dissolved and total radionuclide activities were low and were near or below the minimum detectable activities.

TABLES

Table 1
Pinon Ridge Mill Site
Dolores River Analytical Results

		Baseline Samples															QA/QC Samples		Historic Water Samples						
	Location ID	DR-UP Upstream Location					DR-MID Mid-Valley Location					DR-DOWN Downstream Location					Duplicate Samples		Upstream USGS Sta #09169500			Downstream USGS Sta #09171100			
	Date	3/10/10	5/12/10	9/1/10	11/8/10	Range	3/10/10	5/12/10	9/1/10	11/8/10	Range	3/10/10	5/12/10	9/1/10	11/8/10	Range	DR-DOWN 5/12/10	DR-UP 9/1/10	1/4/78	11/27/78	8/5/02	1/4/78	11/27/78	8/5/02	9/26/02
	Time (MST)	11:20	19:10	13:35	14:12		14:18	17:48	14:38	12:42		12:12	18:32	16:22	10:35		18:32	13:35	15:15	13:15	11:15	13:15	13:45	13:15	13:45
Parameter	**Unit**																								
Field Parameters																									
Flow Rate Upstream ***	cfs	70	124	72	40	40 - 124	65	126	70	40	40 - 126	67	124	67	39	39 - 124	124	72	45	NM	2.5	NM	NM	NM	NM
Flow Rate Downstream ***	cfs	79	127	79	41	41 - 127	73	127	75	41	41 - 127	79	127	72	40	40 - 127	127	79	NM	NM	NM	48	NM	2.1	9.8
Temperature	deg C	9.3	12.8**	21.5	8.1	8.1 - 21.5	9.3	FL	22.9	7.7	7.7 - 22.9	9.3	13.9**	23.5	7.3	7.3 - 23.5	13.9**	21.5	0	6	24	1	6	24.5	23
pH	s.u.	7.82	8.5*	8.35	8.86	7.82 - 8.86	8.07	8.5*	8.51	8.94	8.07 - 8.94	7.87	8.5*	8.55	8.82	7.87 - 8.82	8.5*	8.35	8.3	8.6	8.5	8.4	8.1	8.5	8.3
Specific Conductivity	µS/cm	872	748**	483	713	483 - 872	2780	FL	762	982	762 - 2780	909	1810**	993	2460	909 - 2460	1810**	483	1450	2000	545	6800	7200	9960	3990
Dissolved Oxygen	mg/L	8.25	FL	5.94	9.68	5.94 - 9.68	8.76	FL	6.06	9.45	6.06 - 9.45	8.32	FL	7.35	10.79	7.35 - 10.79	FL	5.94	NM	NM	7.4	NM	NM	8.6	7.8
Oxidation-reduction Potential	mV	148	FL	141	153	141 - 153	78	FL	146	173	78 - 173	163	FL	154	164	154 - 164	FL	141	NM	NM	NM	NM	NM	NM	NM
General Water Quality																									
Alkalinity as $CaCO_3$	mg/L	136	139	121	136	121 - 139	139	141	127	139	127 - 141	154	143	130	152	130 - 154	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate as $CaCO_3$	mg/L	3	7	2	7	2 - 7	3	8	5	7	3 - 8	2	8	4	8	2 - 8	NA	NA	0	0	NA	0	0	NA	NA
Bicarbonate as $CaCO_3$	mg/L	134	132	119	129	119 - 134	136	133	122	133	122 - 136	152	135	126	144	126 - 152	NA	NA	200	160	NA	220	200	NA	NA
Calcium	mg/L	47.9	67.2	44.0	54.5	44.0 - 67.2	49.4	68.2	50.1	53.7	49.4 - 68.2	61.7	71.3	52.1	69.4	52.1 - 71.3	NA	44.7	80	190	38.3	100	210	64.7	117
Chloride	mg/L	180	65	59	120	59 - 180	180	70	130	190	70 - 190	750	420	200	640	200 - 750	NA	61	170	250	55.7	2000	4800	3130	1050
Fluoride	mg/L	0.1	0.1	0.2	0.1	0.1 - 0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1 - 0.2	NA	NA	140	510	20.5	270	730	187	264
Magnesium	mg/L	12.4	20.6	8.2	12.6	8.2 - 20.6	13.1	21.2	10.6	14.2	10.6 - 21.2	29.3	25.8	12.2	26.6	12.2 - 29.3	NA	8.3	23	35	21.5	51	110	64.2	35.4
Nitrate/Nitrite as N	mg/L	0.05	<0.02	0.03	<0.02	<0.02 - 0.05	0.27	<0.02	0.02	0.03	<0.02 - 0.27	0.16	<0.02	0.03	0.06	<0.02 - 0.16	NA	NA	0.15	0.29	<0.05	0.16	0.28	0.05	0.23
Potassium	mg/L	4.8	3.5	3.9	3.9	3.5 - 4.8	5.5	4.1	5.3	6.1	4.1 - 6.1	22.4	13.8	7.6	20.1	7.6 - 22.4	13.5	4.2	5.9	7.9	4.57	66	140	100	31.6
Silica	mg/L	3.9	4.5	3.4	3.8	3.4 - 4.5	4.3	4.8	2.3	3.5	2.3 - 4.8	5.3	4.5	1.9	4.0	1.9 - 5.3	NA	NA	6.6	6.4	4.83	7	7.4	E 1.05	7.04
Sodium	mg/L	112	64.4	40.7	79.3	40.7 - 112	115	71.9	88.0	124	71.9 - 124	439	279	124	387	124 - 439	NA	42.4	110	190	43.3	1200	3000	1890	641
Sulfate	mg/L	13	150	43	44	13 - 150	18	161	41	60	18 - 161	89	183	50	102	50 - 183	NA	36	0.2	0.2	0.16	0.2	0.2	0.23	0.26
TDS	mg/L	510	460	270	390	270 - 510	520	470	420	530	420 - 530	1590	1040	540	1380	540 - 1590	NA	280	635	1270	296	3800	9100	E 5540	E 2230
TSS	mg/L	227	138	720	31	31 - 720	158	90	340	33	33 - 340	204	61	227	26	26 - 227	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Metals																									
Aluminum	mg/L	<0.03	<0.03	0.11	0.23	<0.03 - 0.23	<0.03	0.06	0.06	0.05	<0.03 - 0.06	0.05	0.05	<0.03	0.05	<0.03 - 0.05	<0.03	0.05	NA	NA	NA	NA	NA	<0.15	<0.04
Antimony	mg/L	<0.0004	<0.0004	0.0005	0.0005	<0.0004 - 0.0005	0.0004	<0.0004	<0.0004	<0.0004	<0.0004 - 0.0004	0.0006	<0.0004	<0.0004	0.0005	<0.0004 - 0.0006	<0.0004	0.0007	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.0005	<0.0005	0.0010	0.0012	<0.0005 - 0.0012	0.0005	<0.0005	0.0012	0.0008	<0.0005 - 0.0012	0.0009	0.0007	0.0010	0.0010	0.0007 - 0.0010	0.0010	0.0010	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.152	0.133	0.158	0.137	0.133 - 0.158	0.159	0.125	0.162	0.129	0.125 - 0.162	0.161	0.134	0.146	0.137	0.134 - 0.161	0.131	0.150	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002 - 0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	0.0001	<0.0001 - 0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	NA	NA	NA	NA	NA	<0.00010	<0.00007
Copper	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01 - 0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	NA	NA	NA	NA	0.002	0.0039
Iron	mg/L	<0.02	0.04	0.05	0.39	<0.02 - 0.39	<0.02	0.06	0.02	0.04	<0.02 - 0.06	<0.02	0.03	<0.02	0.07	<0.02 - 0.07	0.05	0.04	0.02	0.02	<0.01	0.02	<0.01	<0.1	<0.03
Lead	mg/L	<0.0001	<0.0001	0.0001	0.0008	<0.0001 - 0.0008	<0.0001	<0.0001	<0.0001	0.0001	<0.0001 - 0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001 - 0.0001	<0.0001	<0.0001	NA	NA	NA	0.02	NA	<0.00030	<0.00020
Manganese	mg/L	0.007	<0.005	0.007	0.023	<0.005 - 0.023	0.015	0.006	<0.005	<0.005	<0.005 - 0.015	0.060	<0.005	<0.005	0.006	<0.005 - 0.060	0.006	0.005	0.02	0.04	NA	0.06	0.26	0.0212	0.026
Mercury	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01 - 0.01	0.01	<0.01	<0.01	<0.01	<0.01 - 0.01	<0.01	<0.01	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.0014	0.0058	0.0015	0.0030	0.0014 - 0.0058	0.0011	0.0025	0.0017	0.0025	0.0011 - 0.0025	0.0015	0.0030	0.0018	0.0028	0.0015 - 0.0030	0.0026	0.0018	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0008	0.0015	0.0008	0.0006	0.0006 - 0.0015	0.0009	0.0013	0.0007	0.0006	0.0006 - 0.0013	0.0013	0.0012	0.0006	0.0008	0.0006 - 0.0013	0.0012	0.0008	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	NA	NA	NA	NA	NA	<0.0040	<0.0020
Thallium	mg/L	<0.0001	<0.0001	<0.0001	0.0002	<0.0001 - 0.0002	<0.0001	<0.0001	<0.0001	0.0001	<0.0001 - 0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	NA	NA	NA	NA	NA	NA	NA
Uranium	mg/L	0.0033	0.0020	0.0019	0.0025	0.0019 - 0.0033	0.0034	0.0021	0.0017	0.0026	0.0017 - 0.0034	0.0035	0.0023	0.0015	0.0030	0.0015 - 0.0035	0.0022	0.0021	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	<0.005	<0.005	0.008	0.006	<0.005 - 0.008	0.008	<0.005	0.008	0.007	<0.005 - 0.008	0.007	0.007	0.008	<0.005	<0.005 - 0.008	0.005	0.008	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.006	0.003	<0.002	0.005	<0.002 - 0.006	0.004	0.003	<0.002	<0.002	<0.002 - 0.004	0.006	0.003	<0.002	<0.002	<0.002 - 0.006	0.003	<0.002	NA	NA	NA	NA	NA	0.006	<0.0020
Total Metals																									
Antimony	mg/L	<0.0004	NA	NA	NA	<0.0004	<0.0004	NA	NA	NA	<0.0004	<0.0004	NA	NA	NA	<0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.0014	NA	NA	NA	0.0014	0.0016	NA	NA	NA	0.0016	0.0018	NA	NA	NA	0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.0001	NA	NA	NA	0.0001	0.0001	NA	NA	NA	0.0001	<0.0001	NA	NA	NA	<0.0001	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	<0.01	<0.01	0.03	0.03	<0.01 - 0.03	<0.01	<0.01	0.01	0.04	<0.01 - 0.04	<0.01	<0.01	<0.01	0.02	<0.01 - 0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.0026	NA	NA	NA	0.0026	0.0032	NA	NA	NA	0.0032	0.0035	NA	NA	NA	0.0035	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	<0.0002	NA	NA	NA	<0.0002	<0.0002	NA	NA	NA	<0.0002	<0.0002	NA	NA	NA	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0008	NA	NA	NA	0.0008	0.0010	NA	NA	NA	0.0010	0.0015	NA	NA	NA	0.0015	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	<0.0001	NA	NA	NA	<0.0001	<0.0001	NA	NA	NA	<0.0001	<0.0001	NA	NA	NA	<0.0001	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radionuclides - Dissolved																									
Gross Alpha	pCi/L	<2.2	<2.2	<2	<2.2	<2 - <2.2	2.7	<2.2	<2.2	<2.3	<2.2 - 2.7	<5.1	<3.2	<2.3	<5.1	<2.3 - <5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radium 226	pCi/L	<0.69	<0.44	<0.32	<0.66	<0.32 - <0.69	<0.73	<0.5	<0.31	<0.65	<0.31 - <0.73	<0.78	<0.51	<0.33	<0.73	<0.33 - <0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radium 228	pCi/L	<1.3	<1.3	<0.92	0.94	<0.92 - <1.3	<1.3	<1.2	<1.2	2.7	<1.2 - 2.7	<1.3	<1.2	<1.7	2.3	<1.2 - 2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead 210	pCi/L	<6.4	<4.6	<4.5	<2.5	<2.5 - <6.4	<5.4	<4.1	<3.4	<3.3	<3.3 - <5.4	<5.5	<3.8	<3.2	<2.9	<2.9 - <5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 228	pCi/L	<0.22	<0.22	<0.23	<0.23	<0.22 - <0.23	<0.32	<0.21	<0.23	<0.23	<0.21 - <0.32	<0.22	<0.22	<0.21	<0.23	<0.21 - <0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 230	pCi/L	<0.58	<0.57	<0.61	<0.61	<0.57 - <0.61	<0.83	<0.56	1.2	<0.61	<0.56 - 1.2	<0.58	<0.57	<0.54	<0.61	<0.54 - <0.61	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 232	pCi/L	<0.22	<0.22	<0.23	<0.23	<0.22 - <0.23	<0.32	<0.21	0.56	<0.23	<0.21 - 0.56	<0.22	<0.22	<0.21	<0.23	<0.21 - <0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radionuclides - Total																									
Radium 226	pCi/L	<1.5	0.84	2	0.62	0.62 - 2	<1.5	0.94	0.93	<0.63	<0.63 - <1.5	<1.5	<0.73	0.94	<0.64	<0.64 - <1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radium 228	pCi/L	<2.3	<1.2	<6.9	<1	<1 - <6.9	<2.5	<1.3	<5.8	3.3	<1.3 - <5.8	<2.6	<1.3	<7	2.4	<1.3 - <7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead 210	pCi/L	<4.9	<2.8	<9.9	3.7	<2.8 - <9.9	<5.4	<2.9	<12	<3.1	<2.9 - <12	<4.9	<3.1	<5.9	<3	<3 - <5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 228	pCi/L	0.32	<0.22	<0.65	<0.22	<0.21 - <0.65	0.36	<0.22	<0.42	<0.22	<0.2 - <0.42	<0.22	<0.22	<0.43	<0.22	<0.22 - <0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 230	pCi/L	<0.55	<0.57	<1.7	<0.57	<0.55 - <1.7	<0.52	<0.58	1.4	<0.58	<0.52 - 1.4	<0.59	<0.58	<1.1	<0.57	<0.57 - <1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thorium 232	pCi/L	<0.21	0.23	1.18	<0.22	<0.21 - 1.18	<0.2	<0.22	0.9	<0.22	<0.2 - 0.9	<0.22	<0.22	<0.43	<0.22	<0.22 - <0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
FL - Field Records Lost
NA - Not Analyzed
NM - Not Measured
E - Estimated Value
* - lab measured value
** - USGS monitor station measured value
*** - Flow rates were recorded from USGS data for nearest 15-minute time interval to the sampling time and may vary over the course of the sampling event

Table 2
Pinon Ridge Mill Site
Dolores River Flow and TDS at USGS Station No. 09169500

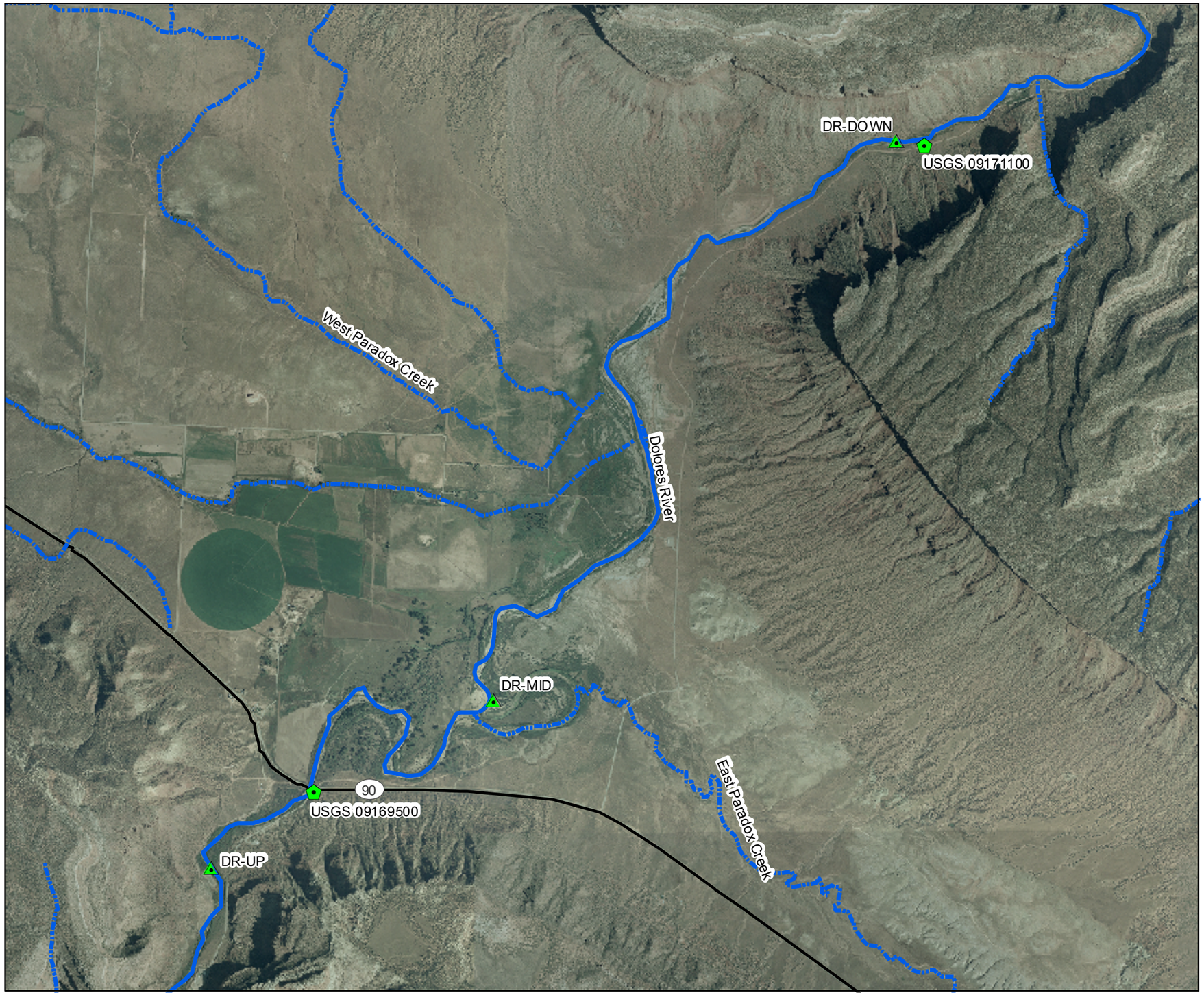
Date	Discharge (cfs)	TDS (mg/L)
1/4/1978	45	635
8/27/1987	252	1050
10/5/1987	78	446
11/17/1987	109	500
1/13/1988	99	444
3/1/1988	253	502
4/5/1988	378	440
5/11/1988	618	238
5/24/1988	673	242
6/9/1988	625	211
6/28/1988	285	404
8/2/1988	151	251
9/21/1988	79	513
9/22/1988	78	500
10/6/1988	80	379
11/22/1988	84	486
12/9/1988	89	370
1/4/1989	85	368
4/20/1989	991	236
5/17/1989	242	258
6/12/1989	72	368
7/6/1989	60	328
8/17/1989	65	315
9/5/1989	59	310
10/2/1989	63	320
11/14/1989	80	294
1/2/1990	83	307
3/6/1990	66	369
4/11/1990	32	645
5/16/1990	26	964
6/1/1990	32	939
6/6/1990	8.1	950
7/17/1990	45	440
8/8/1990	31	327
9/5/1990	193	396
9/6/1990	400	552
10/11/1990	42	859
11/19/1990	34	583
3/5/1991	64	1020
4/10/1991	405	290
5/7/1991	65	737
5/22/1991	924	213
6/11/1991	72	564
6/19/1991	70	735
7/26/1991	68	456
7/30/1991	56	280
8/20/1991	71	334
10/30/1991	50	420
11/18/1991	73	1440
12/4/1991	39	643
1/13/1992	41	624
3/10/1992	66	1060
3/23/1992	76	733
4/20/1992	987	254
5/5/1992	1250	198
5/28/1992	3100	283
6/17/1992	392	247
7/22/1992	62	547
8/26/1992	76	319
10/6/1992	53	358
11/12/1992	49	426
12/22/1992	24	641
1/26/1993	66	739
3/22/1993	825	281
5/19/1993	4410	229
6/15/1993	932	223
7/7/1993	215	284
8/9/1993	135	339
9/7/1993	105	433
10/5/1993	50	291

Date	Discharge (cfs)	TDS (mg/L)
11/16/1993	55	417
12/28/1993	38	499
1/27/1994	52	490
3/9/1994	98	718
4/26/1994	167	454
5/10/1994	1210	193
5/22/1994	2060	162
6/23/1994	99	325
7/27/1994	56	338
8/9/1994	65	367
8/18/1994	80	300
10/11/1994	48	464
11/15/1994	71	326
2/22/1995	57	429
4/6/1995	425	363
4/25/1995	1060	214
5/22/1995	2940	172
6/15/1995	1330	173
6/28/1995	1370	167
7/12/1995	752	158
7/25/1995	160	301
8/17/1995	101	253
8/29/1995	101	365
10/11/1995	54	383
12/13/1995	51	577
1/24/1996	35	535
2/28/1996	46	506
4/16/1996	63	488
5/7/1996	96	549
5/30/1996	53	527
6/19/1996	55	303
7/11/1996	56	428
8/7/1996	56	250
8/21/1996	56	272
8/28/1996	108	247
10/24/1996	42	486
12/10/1996	72	621
2/24/1997	96	927
4/7/1997	652	359
5/6/1997	2870	205
6/5/1997	2050	178
7/22/1997	117	276
7/28/1997	129	234
8/5/1997	171	559
8/20/1997	130	316
8/26/1997	161	245
9/3/1997	135	296
10/7/1997	61	474
11/18/1997	53	510
1/15/1998	49	550
3/3/1998	52	615
5/27/1998	1570	178
7/8/1998	127	283
9/3/1998	181	206
10/15/1998	47	502
12/14/1998	48	618
3/10/1999	61	718
5/4/1999	406	517
5/26/1999	3000	176
6/23/1999	699	240
8/4/1999	343	644
8/18/1999	111	373
8/31/1999	124	974
10/27/1999	77	303
12/17/1999	45	445
3/1/2000	52	590
4/6/2000	163	691
4/24/2000	947	204
5/15/2000	716	199
6/1/2000	98	370

Date	Discharge (cfs)	TDS (mg/L)
7/6/2000	55	339
8/17/2000	113	310
11/2/2000	87	396
3/14/2001	56	577
6/4/2001	53	581
10/4/2001	37	361
11/20/2001	32	463
2/27/2002	38	522
4/23/2002	29	571
5/30/2002	12	886
6/19/2002	2.3	724
6/27/2002	2.2	426
8/5/2002	2.5	296
2/13/2003	31	699
4/2/2003	55	387
4/23/2003	59	452
5/28/2003	40	568
6/19/2003	12	1120
7/9/2003	16	563
8/21/2003	30	2260
10/2/2003	14	801
12/2/2003	22	635
1/27/2004	16	744
3/30/2004	117	386
4/12/2004	140	405
5/20/2004	74	571
6/23/2004	46	337
7/23/2004	57	369
8/25/2004	53	277
10/27/2004	42	416
12/9/2004	42	538
2/3/2005	62	574
3/2/2005	93	542
4/19/2005	834	205
6/1/2005	1040	220
7/28/2005	87	311
8/17/2005	282	313
10/6/2005	38	1140
2/9/2006	20	616
4/12/2006	141	307
5/31/2006	49	539
7/19/2006	56	374
8/17/2006	186	185
8/24/2006	86	236
9/20/2006	47	1640
11/8/2006	40	642
12/6/2006	28	910
1/9/2007	29	828
3/7/2007	43	880
5/23/2007	438	519
6/12/2007	205	273
7/31/2007	83	500
9/18/2007	272	174
10/1/2007	31	916
12/4/2007	66	1340
2/21/2008	65	769
3/4/2008	92	844
6/17/2008	874	181
8/20/2008	78	321
11/19/2008	41	424
1/13/2009	33	466
3/11/2009	64	630
6/16/2009	81	448
7/28/2009	59	296
9/15/2009	33	381
12/1/2009	41	471
2/2/2010	45	452
4/14/2010	769	177
5/24/2010	106	446

Data obtained from the USGS website (http://waterdata.usgs.gov/nwis)

FIGURES



N

LEGEND

- USGS Stream Gauge
- Dolores River Sampling Points
- Dolores River Tributaries
- Dolores River

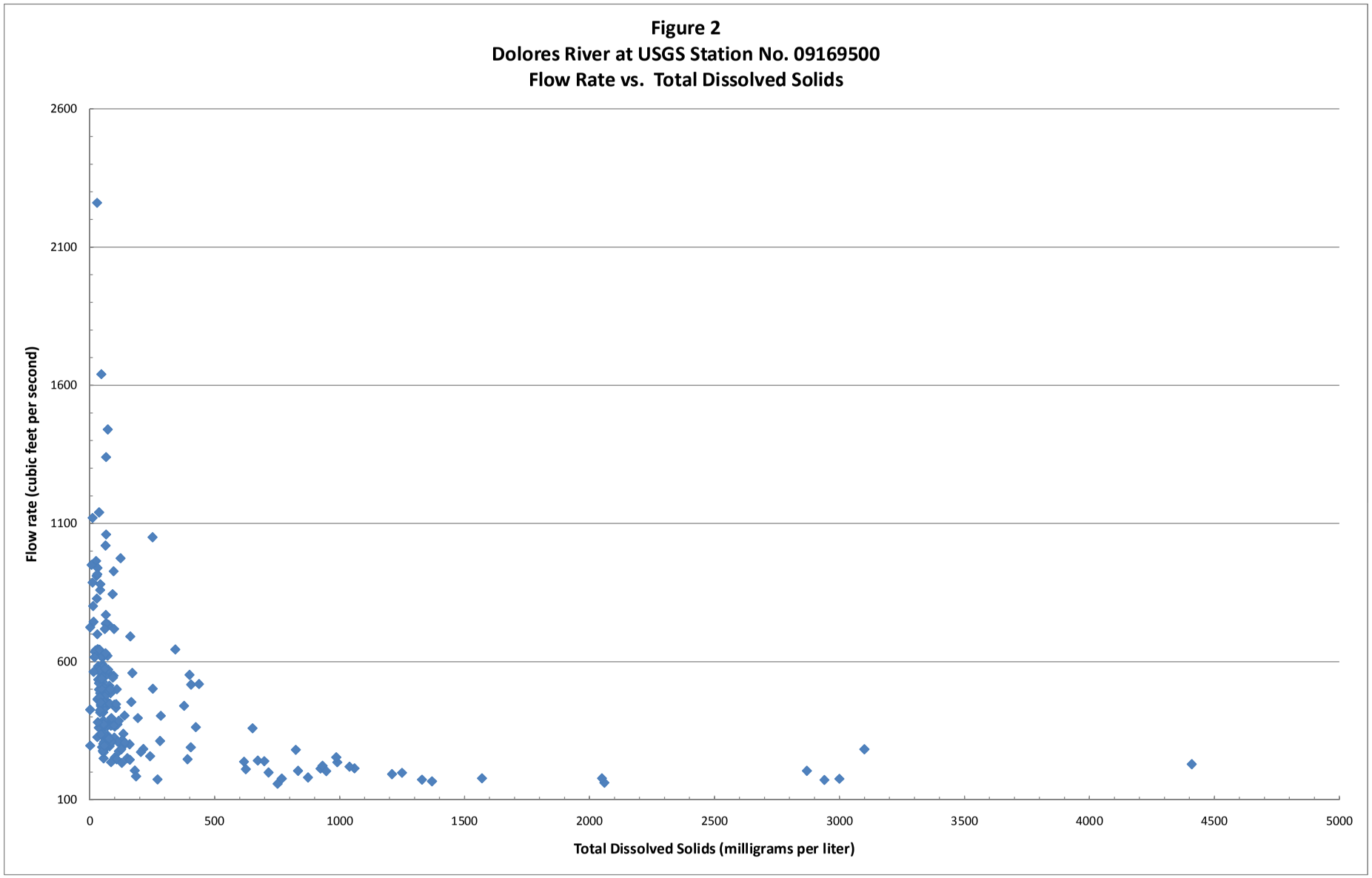
0 0.5 1 1.5 Miles

DOLORES RIVER
SAMPLE LOCATION MAP

Energy Fuels Resources Corporation

PROJECT	Piñon Ridge Mill	FIGURE
DRAWN	4/6/10	1
DRAWN BY	ZTR	
CHECKED BY		

SiteSurfaceWaterFlow.mxd



Data obtained from the USGS website (http://waterdata.usgs.gov/nwis)

APPENDIX A

Surface Water Sampling Field Data Sheets

March 10, 2010 Sampling Event

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-UP	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1131MST	3/10/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Water Level in Sample Box (in.)	N/A
Amount of Water Removed For Sampling from sample Box (in.)	N/A
Amount of Water Discarded in Drainage from sample Box (in.)	N/A
Water Level In The Containment Box (in.)	N/A
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A
Amount of Water Remaining in Containment Box (in.)	N/A

Specific Conductivity: X WTW 3400i; Other: (Describe Below)

Dissolved Oxygen: X WTW 3400i; Other: (Describe Below)

Oxygen-Reduction Potential: X WTW 3400i; Other: (Describe Below)

Meter Calibration

Time: 1100mst Date: 3/10/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 7.00 at 22.4 °C Calibration Evaluation

pH std. # 2 = 10.00 at 22.4 °C 0 Bars

Slope = -53.4 mV/pH Assymetry = -1 mV

Specific Conductance

Cell Constant = 0.459 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.67 at 20.7 °C Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 20.7 °C Reads: 222 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1130MST	9.3	7.82	872	8.25	148	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1552 MST on 3/10/10.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: Jess W Fullmer

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-MID	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1457MST	3/10/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Meter Calibration

Time: 1100mst Date: 3/10/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

Water Level in Sample Box (in.)	N/A	Specific Conductivity X WTW 3400i Other: (Describe Below)	
Amount of Water Removed For Sampling from sample Box (in.)	N/A		
Amount of Water Discarded in Drainage from sample Box (in.)	N/A	Dissolved Oxygen X WTW 3400i Other: (Describe Below)	
Water Level in The Containment Box (in.)	N/A		
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A	Oxygen-Reduction Potential X WTW 3400i Other: (Describe Below)	
Amount of Water Remaining in Containment Box (in.)	N/A		

pH

pH std. # 1 = 7.00 at 22.4 °C Calibration Evaluation

pH std. # 2 = 10.00 at 22.4 °C 0 Bars

Slope = -53.4 mV/pH Assymetry = -1 mV

Specific Conductance

Cell Constant = 0.459 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.67 at 20.7 °C Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 20.7 °C Reads: 222 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1457MST	9.3	7.87	909	8.32	163	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1552 MST on 3/10/10.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: Jess W. Fullerton

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-DOWN	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1242MST	3/10/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Meter Calibration

Time: 1100mst Date: 3/10/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

Water Level in Sample Box (in.)	N/A	Specific Conductivity X WTW 3400i Other: (Describe Below)	
Amount of Water Removed For Sampling from sample Box (in.)	N/A		
Amount of Water Discarded in Drainage from sample Box (in.)	N/A	Dissolved Oxygen X WTW 3400i Other: (Describe Below)	
Water Level in The Containment Box (in.)	N/A		
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A	Oxygen-Reduction Potential X WTW 3400i Other: (Describe Below)	
Amount of Water Remaining in Containment Box (in.)	N/A		

pH

pH std. # 1 = 7.00 at 22.4 °C Calibration Evaluation

pH std. # 2 = 10.00 at 22.4 °C 0 Bars

Slope = -53.4 mV/pH Assymetry = -1 mV

Specific Conductance

Cell Constant = 0.459 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.67 at 20.7 °C Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 20.7 °C Reads: 222 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (mS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1242MST	9.3	8.07	2.78	8.76	78	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No		
#	Duplicate \ No	#
Partial Suite: / No	Rinsate \ No	#
	Trip Blank \ No	#

Additional Comments:
Post calibration @ 1552 MST on 3/10/10.

PPE Utilized		
	Gloves	X
	Safety Glasses	X

Signature: [signature]

September 1, 2010 Sampling Event

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-UP	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1335 MST	9/1/10

Rainfall at site: (read on rain gauge on post)	*River Sample*
Water Level in Sample Box (in.)	N/A
Amount of Water Removed For Sampling from sample Box (in.)	N/A
Amount of Water Discarded in Drainage from sample Box (in.)	N/A
Water Level in The Containment Box (in.)	N/A
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A
Amount of Water Remaining in Containment Box (in.)	N/A

Specific Conductivity: X WTW 3400i; Other: (Describe Below)

Dissolved Oxygen: X WTW 3400i; Other: (Describe Below)

Oxygen-Reduction Potential: X WTW 3400i; Other: (Describe Below)

Meter Calibration

Time: 0820mst Date: 9/1/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 7.00 at 23.8 °C

pH std. # 2 = 10.00 at 23.8 °C

Slope = -56.4 mV/pH

Calibration Evaluation: 1 Bars

Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.468 1/cm

Calibration Evaluation: 3 Bars

Dissolved Oxygen

RelativeSlope = 0.84 at 25.1 °C

Calibration Evaluation: 3 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 23.9 °C Reads: 218 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1335 MST	21.5	8.35	483	5.94	141	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No
#
Partial Suite: / Yes

Duplicate \ Yes #
Rinsate \ No #
Trip Blank \ No #

Additional Comments:
Post calibration @ 1821 MST on 9/1/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-MID	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1438MST	9/1/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Water Level in Sample Box (in.)	N/A
Amount of Water Removed For Sampling from sample Box (in.)	N/A
Amount of Water Discarded in Drainage from sample Box (in.)	N/A
Water Level in The Containment Box (in.)	N/A
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A
Amount of Water Remaining in Containment Box (in.)	N/A

Specific Conductivity: X WTW 3400i; Other: (Describe Below)

Dissolved Oxygen: X WTW 3400i; Other: (Describe Below)

Oxygen-Reduction Potential: X WTW 3400i; Other: (Describe Below)

Meter Calibration

Time: 0920mst Date: 9/1/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 7.00 at 23.8 °C Calibration Evaluation

pH std. # 2 = 10.00 at 23.8 °C 1 Bars

Slope = -56.4 mV/pH Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.468 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.84 at 25.1 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 23.9 °C Reads: 218 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1438MST	22.9	8.51	762	6.06	146	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / Yes		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1821 MST on 9/1/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: [signature]

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-DOWN	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1622MST	9/1/10

Rainfall at site: (read on rain gauge on post)	*River Sample*
Water Level In Sample Box (in.)	N/A
Amount of Water Removed For Sampling from sample Box (in.)	N/A
Amount of Water Discarded In Drainage from sample Box (in.)	N/A
Water Level In The Containment Box (in.)	N/A
Amount of Water Discarded In the Drainage from containment Box (in.)	N/A
Amount of Water Remaining In Containment Box (in.)	N/A

Specific Conductivity: X WTW 3400i; Other: (Describe Below)

Dissolved Oxygen: X WTW 3400i; Other: (Describe Below)

Oxygen-Reduction Potential: X WTW 3400i; Other: (Describe Below)

Meter Calibration

Time: 0920mst Date: 9/1/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 7.00 at 23.8 °C Calibration Evaluation

pH std. # 2 = 10.00 at 23.8 °C 1 Bars

Slope = -56.4 mV/pH Assymetry = -14 mV

Specific Conductance

Cell Constant = 0.468 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.84 at 25.1 °C Calibration Evaluation 3 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 23.9 °C Reads: 218 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1622MST	23.5	8.55	993	7.35	154	Fairly Muddy

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No
#
Partial Suite: / Yes

Duplicate	\ No	#
Rinsate	\ No	#
Trip Blank	\ No	#

Additional Comments:
Post calibration @ 1621 MST on 9/1/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jon W Fullerton

November 8, 2010 Sampling Event

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-UP	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1412 MST	11/8/10

Rainfall at site: (read on rain gauge on post) *River Sample*

Water Level In Sample Box (in.)	N/A
Amount of Water Removed For Sampling from sample Box (in.)	N/A
Amount of Water Discarded In Drainage from sample Box (in.)	N/A
Water Level In The Containment Box (in.)	N/A
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A
Amount of Water Remaining in Containment Box (in.)	N/A

Specific Conductivity: X WTW 3400i; Other: (Describe Below)

Dissolved Oxygen: X WTW 3400i; Other: (Describe Below)

Oxygen-Reduction Potential: X WTW 3400i; Other: (Describe Below)

Meter Calibration

Time: 0748mst Date: 11/8/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

pH

pH std. # 1 = 7.00 at 17.8 °C Calibration Evaluation

pH std. # 2 = 10.00 at 17.8 °C 1 Bars

Slope = -56.6 mV/pH Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.458 1/cm Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.69 at 18.9 °C Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 17.8 °C Reads: 224 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1412MST	8.1	8.86	713	9.68	153	Just Murky

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1809 MST on 11/8/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jon W Tullis

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-MID	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1242 MST	11/8/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Meter Calibration

Time: 0748mst Date: 11/8/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

Water Level in Sample Box (in.)	N/A	Specific Conductivity X WTW 3400i Other: (Describe Below)	
Amount of Water Removed For Sampling from sample Box (in.)	N/A		
Amount of Water Discarded in Drainage from sample Box (in.)	N/A	Dissolved Oxygen X WTW 3400i Other: (Describe Below)	
Water Level in The Containment Box (in.)	N/A		
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A	Oxygen-Reduction Potential X WTW 3400i Other: (Describe Below)	
Amount of Water Remaining in Containment Box (in.)	N/A		

pH

pH std. # 1 = 7.00 at 17.8 °C — Calibration Evaluation 1 Bars

pH std. # 2 = 10.00 at 17.8 °C

Slope = -56.6 mV/pH — Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.458 1/cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.69 at 18.9 °C — Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 17.8 °C Reads: 224 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1242MST	7.7	8.94	982	9.45	173	Just Murky

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1809 MST on 11/8/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: James W. Tullis

ENERGY FUELS RESOURCES CORPORATION

Project: Piñon Ridge

SURFACE WATER SAMPLING FIELD DATA SHEET

Sampler No.	Sampling Equipment	Analytical Equipment	Sampler's Initials	Time	Date
DR-DOWN	X Disposable Bailer Peristaltic Pump Other: (Describe Below)	pH and Temp X WTW 3400i Other: (Describe Below)	JWF	1035 MST	11/8/10
Rainfall at site: (read on rain gauge on post) *River Sample*					

Meter Calibration

Time: 0740mst Date: 11/8/2010 Automatic Calibrations? Yes

pH X Cond. X D.O. X ORP

Water Level in Sample Box (in.)	N/A	Specific Conductivity X WTW 3400i Other: (Describe Below)	
Amount of Water Removed For Sampling from sample Box (in.)	N/A		
Amount of Water Discarded in Drainage from sample Box (in.)	N/A	Dissolved Oxygen X WTW 3400i Other: (Describe Below)	
Water Level in The Containment Box (in.)	N/A		
Amount of Water Discarded in the Drainage from containment Box (in.)	N/A	Oxygen-Reduction Potential X WTW 3400i Other: (Describe Below)	
Amount of Water Remaining in Containment Box (in.)	N/A		

pH

pH std. # 1 = 7.00 at 17.8 °C — Calibration Evaluation 1 Bars

pH std. # 2 = 10.00 at 17.8 °C

Slope = -56.6 mV/pH — Assymetry = -17 mV

Specific Conductance

Cell Constant = 0.458 1/cm — Calibration Evaluation 3 Bars

Dissolved Oxygen

RelativeSlope = 0.69 at 18.9 °C — Calibration Evaluation 1 Bars

Oxygen-Reduction Potential

Conductance Standard: RH28 @ 17.8 °C Reads: 224 mV

Time (MST)	Temperature (°C)	pH (s.u.)	Specific Conductivity (mS/cm)	DO (mg/L)	ORP (mV)	Visual Description
1035MST	7.3	8.82	2.46	10.79	164	Just Murky

Condition of Sampler:
Very Good, all working well. Used a new disposable bailer.

Full Suite: / No			
#		Duplicate \ No	#
Partial Suite: / No		Rinsate \ No	#
		Trip Blank \ No	#

Additional Comments:
Post calibration @ 1809 MST on 11/8/10.

PPE Utilized	
Gloves	X
Safety Glasses	X

Signature: Jay W. Gallegos

APPENDIX B

Laboratory Analytical Results

March 10, 2010 Sampling Event

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

April 01, 2010

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: PINION RIDGE
ACZ Project ID: L81087

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on March 12, 2010. This project has been assigned to ACZ's project number, L81087. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L81087. 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 May 01, 2010. 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

April 01, 2010

Project ID: PINION RIDGE
ACZ Project ID: L81087

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 3 miscellaneous samples from Energy Fuels Resources Corporation on March 12, 2010. 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 L81087. 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

These samples were 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. All Dissolved Radio Chemistry analytes were qualified with the ACZ 'N1' flag as filtrations were performed post hold. The net effect on data quality is most likely negligible. However, the methods stipulate 5 days and the filtrations were performed outside of that window.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-UP

ACZ Sample ID: ***L81087-01***
Date Sampled: *03/10/10 11:20*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							03/15/10 18:35	ear
Total Hot Plate Digestion	M200.2 ICP-MS							03/25/10 11:10	jjc

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	03/18/10 23:54	ear
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	03/23/10 23:04	erf
Antimony, total	M200.8 ICP-MS		U		mg/L	0.0004	0.002	03/30/10 23:46	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0005	B		mg/L	0.0005	0.002	03/23/10 23:04	erf
Arsenic, total	M200.8 ICP-MS	0.0014	B		mg/L	0.0005	0.002	03/29/10 15:40	msh
Barium, dissolved	M200.7 ICP	0.152			mg/L	0.003	0.02	03/18/10 23:54	ear
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	03/18/10 23:54	ear
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:04	erf
Cadmium, total	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	03/29/10 15:40	msh
Calcium, dissolved	M200.7 ICP	47.9			mg/L	0.2	1	03/18/10 23:54	ear
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	03/17/10 20:20	ear
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	03/18/10 23:54	ear
Iron, dissolved	M200.7 ICP		U		mg/L	0.02	0.05	03/18/10 23:54	ear
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:04	erf
Lead, total	M200.8 ICP-MS	0.0026			mg/L	0.0001	0.0005	03/29/10 15:40	msh
Magnesium, dissolved	M200.7 ICP	12.4			mg/L	0.2	1	03/18/10 23:54	ear
Manganese, dissolved	M200.7 ICP	0.007	B		mg/L	0.005	0.03	03/18/10 23:54	ear
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	03/18/10 19:06	pmc
Mercury, total	M245.1 CVAA		U		mg/L	0.0002	0.001	03/25/10 21:59	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	03/19/10 11:44	ear
Nickel, dissolved	M200.8 ICP-MS	0.0014	B		mg/L	0.0006	0.003	03/23/10 23:04	erf
Potassium, dissolved	M200.7 ICP	4.8			mg/L	0.3	2	03/18/10 23:54	ear
Selenium, dissolved	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0005	03/23/10 23:04	erf
Selenium, total	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0005	03/29/10 15:40	msh
Silica, dissolved	M200.7 ICP	3.9			mg/L	0.4	2	03/19/10 15:27	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.8			mg/L	0.2	0.9	04/01/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	03/19/10 11:44	ear
Sodium, dissolved	M200.7 ICP	112			mg/L	0.3	2	03/18/10 23:54	ear
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/24/10 18:39	erf
Thallium, total	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/29/10 15:40	msh
Uranium, dissolved	M200.8 ICP-MS	0.0033			mg/L	0.0001	0.0005	03/23/10 23:04	erf
Vanadium, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	03/18/10 23:54	ear
Zinc, dissolved	M200.8 ICP-MS	0.006			mg/L	0.002	0.005	03/24/10 18:39	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-UP

ACZ Sample ID: ***L81087-01***
Date Sampled: *03/10/10 11:20*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		134			mg/L	2	20	03/16/10 0:00	jjc
Carbonate as CaCO3		3	B		mg/L	2	20	03/16/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	03/16/10 0:00	jjc
Total Alkalinity		136			mg/L	2	20	03/16/10 0:00	jjc
Chloride	SM4500Cl-E	180		*	mg/L	10	50	03/29/10 15:28	aml
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	03/17/10 15:32	abm
Lab Filtration	SM 3030 B			*				03/12/10 12:03	jlf
Lab Filtration & Acidification	SM 3030 B			*				03/15/10 8:50	aeh
Lab Filtration & Acidification	SM 3030 B		H	*				03/19/10 11:00	jjg
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2	0.05	B		mg/L	0.02	0.1	04/01/10 0:00	calc
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.05	B		mg/L	0.02	0.1	03/30/10 22:44	pjb
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	0.05	HB	*	mg/L	0.02	0.1	03/16/10 19:59	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction		HU	*	mg/L	0.01	0.05	03/16/10 19:59	pjb
pH (lab)	SM4500H+ B								
pH		8.2	H		units	0.1	0.1	03/15/10 0:00	jjc
pH measured at		22.0			C	0.1	0.1	03/15/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	510			mg/L	10	20	03/15/10 11:28	jjc
Residue, Non-Filterable (TSS) @105C	SM2540D	227		*	mg/L	5	20	03/15/10 16:40	jjc
Sulfate	375.4 - Turbidimetric	13		*	mg/L	1	5	03/25/10 15:41	aml

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-DOWN

ACZ Sample ID: ***L81087-02***
Date Sampled: *03/10/10 12:12*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							03/15/10 18:49	ear
Total Hot Plate Digestion	M200.2 ICP-MS							03/25/10 11:22	jjc

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.05	B		mg/L	0.03	0.2	03/19/10 16:46	aeh
Antimony, dissolved	M200.8 ICP-MS	0.0006	B		mg/L	0.0004	0.002	03/23/10 23:07	erf
Antimony, total	M200.8 ICP-MS		U		mg/L	0.0004	0.002	03/30/10 23:49	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0009	B		mg/L	0.0005	0.002	03/23/10 23:07	erf
Arsenic, total	M200.8 ICP-MS	0.0018	B		mg/L	0.0005	0.002	03/29/10 15:43	msh
Barium, dissolved	M200.7 ICP	0.161		*	mg/L	0.003	0.02	03/19/10 16:46	aeh
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	03/22/10 12:06	ear
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:07	erf
Cadmium, total	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/29/10 15:43	msh
Calcium, dissolved	M200.7 ICP	61.7			mg/L	0.2	1	03/19/10 16:46	aeh
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	03/17/10 20:23	ear
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	03/19/10 16:46	aeh
Iron, dissolved	M200.7 ICP		U		mg/L	0.02	0.05	03/19/10 16:46	aeh
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:07	erf
Lead, total	M200.8 ICP-MS	0.0035			mg/L	0.0001	0.0005	03/29/10 15:43	msh
Magnesium, dissolved	M200.7 ICP	29.3			mg/L	0.2	1	03/19/10 16:46	aeh
Manganese, dissolved	M200.7 ICP	0.060			mg/L	0.005	0.03	03/19/10 16:46	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	03/18/10 19:09	pmc
Mercury, total	M245.1 CVAA		U		mg/L	0.0002	0.001	03/25/10 22:06	pmc
Molybdenum, dissolved	M200.7 ICP	0.01	B		mg/L	0.01	0.05	03/22/10 12:06	ear
Nickel, dissolved	M200.8 ICP-MS	0.0015	B		mg/L	0.0006	0.003	03/23/10 23:07	erf
Potassium, dissolved	M200.7 ICP	22.4			mg/L	0.3	2	03/19/10 16:46	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0013			mg/L	0.0001	0.0005	03/23/10 23:07	erf
Selenium, total	M200.8 ICP-MS	0.0015			mg/L	0.0001	0.0005	03/29/10 15:43	msh
Silica, dissolved	M200.7 ICP	5.3			mg/L	0.4	2	03/22/10 12:06	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	2.4			mg/L	0.2	0.9	04/01/10 0:00	calc
Silver, dissolved	M200.7 ICP		U		mg/L	0.01	0.03	03/19/10 16:46	aeh
Sodium, dissolved	M200.7 ICP	439		*	mg/L	0.3	2	03/19/10 16:46	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/24/10 18:41	erf
Thallium, total	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/29/10 15:43	msh
Uranium, dissolved	M200.8 ICP-MS	0.0035			mg/L	0.0001	0.0005	03/23/10 23:07	erf
Vanadium, dissolved	M200.7 ICP	0.007	B		mg/L	0.005	0.03	03/19/10 16:46	aeh
Zinc, dissolved	M200.8 ICP-MS	0.006			mg/L	0.002	0.005	03/24/10 18:41	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-DOWN

ACZ Sample ID: ***L81087-02***
Date Sampled: *03/10/10 12:12*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		152			mg/L	2	20	03/16/10 0:00	jjc
Carbonate as CaCO3		2	B		mg/L	2	20	03/16/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	03/16/10 0:00	jjc
Total Alkalinity		154			mg/L	2	20	03/16/10 0:00	jjc
Chloride	SM4500Cl-E	750		*	mg/L	10	50	03/29/10 15:28	aml
Fluoride	SM4500F-C	0.2	B	*	mg/L	0.1	0.5	03/17/10 15:38	abm
Lab Filtration	SM 3030 B			*				03/12/10 12:05	jlf
Lab Filtration & Acidification	SM 3030 B			*				03/15/10 8:53	aeh
Lab Filtration & Acidification	SM 3030 B		H	*				03/19/10 12:00	jjg
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2	0.17			mg/L	0.02	0.1	04/01/10 0:00	calc
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.16			mg/L	0.02	0.1	03/30/10 22:45	pjb
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	0.17	H	*	mg/L	0.02	0.1	03/16/10 20:01	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction		HU	*	mg/L	0.01	0.05	03/16/10 20:01	pjb
pH (lab)	SM4500H+ B								
pH		8.2	H		units	0.1	0.1	03/15/10 0:00	jjc
pH measured at		22.0			C	0.1	0.1	03/15/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	1590			mg/L	10	20	03/15/10 11:28	jjc
Residue, Non-Filterable (TSS) @105C	SM2540D	204		*	mg/L	5	20	03/15/10 16:42	jjc
Sulfate	375.4 - Turbidimetric	89		*	mg/L	5	30	03/25/10 15:47	aml

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-MID

ACZ Sample ID: ***L81087-03***
Date Sampled: *03/10/10 14:18*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							03/15/10 19:02	ear
Total Hot Plate Digestion	M200.2 ICP-MS							03/25/10 12:00	jjc

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	03/19/10 16:55	aeh
Antimony, dissolved	M200.8 ICP-MS	0.0004	B		mg/L	0.0004	0.002	03/23/10 23:15	erf
Antimony, total	M200.8 ICP-MS		U		mg/L	0.0004	0.002	03/30/10 23:59	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0005	B		mg/L	0.0005	0.002	03/23/10 23:15	erf
Arsenic, total	M200.8 ICP-MS	0.0016	B		mg/L	0.0005	0.002	03/29/10 15:53	msh
Barium, dissolved	M200.7 ICP	0.159			mg/L	0.003	0.02	03/22/10 12:16	ear
Beryllium, dissolved	M200.7 ICP	0.002	B		mg/L	0.002	0.01	03/22/10 12:16	ear
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:15	erf
Cadmium, total	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	03/29/10 15:53	msh
Calcium, dissolved	M200.7 ICP	49.4			mg/L	0.2	1	03/19/10 16:55	aeh
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	03/17/10 20:26	ear
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	03/19/10 16:55	aeh
Iron, dissolved	M200.7 ICP		U		mg/L	0.02	0.05	03/19/10 16:55	aeh
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/23/10 23:15	erf
Lead, total	M200.8 ICP-MS	0.0032			mg/L	0.0001	0.0005	03/29/10 15:53	msh
Magnesium, dissolved	M200.7 ICP	13.1			mg/L	0.2	1	03/19/10 16:55	aeh
Manganese, dissolved	M200.7 ICP	0.015	B		mg/L	0.005	0.03	03/19/10 16:55	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	03/18/10 19:11	pmc
Mercury, total	M245.1 CVAA		U		mg/L	0.0002	0.001	03/25/10 22:08	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	03/22/10 12:16	ear
Nickel, dissolved	M200.8 ICP-MS	0.0011	B		mg/L	0.0006	0.003	03/23/10 23:15	erf
Potassium, dissolved	M200.7 ICP	5.5			mg/L	0.3	2	03/19/10 16:55	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0009			mg/L	0.0001	0.0005	03/23/10 23:15	erf
Selenium, total	M200.8 ICP-MS	0.0010			mg/L	0.0001	0.0005	03/29/10 15:53	msh
Silica, dissolved	M200.7 ICP	4.3			mg/L	0.4	2	03/22/10 12:16	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	2.0			mg/L	0.2	0.9	04/01/10 0:00	calc
Silver, dissolved	M200.7 ICP		U		mg/L	0.01	0.03	03/19/10 16:55	aeh
Sodium, dissolved	M200.7 ICP	115		*	mg/L	0.3	2	03/19/10 16:55	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/24/10 18:50	erf
Thallium, total	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	03/29/10 15:53	msh
Uranium, dissolved	M200.8 ICP-MS	0.0034			mg/L	0.0001	0.0005	03/23/10 23:15	erf
Vanadium, dissolved	M200.7 ICP	0.008	B		mg/L	0.005	0.03	03/19/10 16:55	aeh
Zinc, dissolved	M200.8 ICP-MS	0.004	B		mg/L	0.002	0.005	03/24/10 18:50	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-MID

ACZ Sample ID: ***L81087-03***
Date Sampled: *03/10/10 14:18*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		136			mg/L	2	20	03/16/10 0:00	jjc
Carbonate as CaCO3		3	B		mg/L	2	20	03/16/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	03/16/10 0:00	jjc
Total Alkalinity		139			mg/L	2	20	03/16/10 0:00	jjc
Chloride	SM4500Cl-E	180		*	mg/L	10	50	03/29/10 15:28	aml
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	03/17/10 15:44	abm
Lab Filtration	SM 3030 B			*				03/12/10 12:06	jlf
Lab Filtration & Acidification	SM 3030 B			*				03/15/10 8:57	aeh
Lab Filtration & Acidification	SM 3030 B		H	*				03/19/10 13:00	jjg
Nitrate as N, dissolved	Calculation: NO3NO2 minus NO2	0.29			mg/L	0.02	0.1	04/01/10 0:00	calc
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.27			mg/L	0.02	0.1	03/30/10 22:51	pjb
Nitrate/Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction	0.29	H	*	mg/L	0.02	0.1	03/16/10 20:04	pjb
Nitrite as N, dissolved	M353.2 - Automated Cadmium Reduction		HU	*	mg/L	0.01	0.05	03/16/10 20:04	pjb
pH (lab)	SM4500H+ B								
pH		8.3	H		units	0.1	0.1	03/15/10 0:00	jjc
pH measured at		22.0			C	0.1	0.1	03/15/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	520			mg/L	10	20	03/15/10 11:28	jjc
Residue, Non-Filterable (TSS) @105C	SM2540D	158		*	mg/L	5	20	03/15/10 16:43	jjc
Sulfate	375.4 - Turbidimetric	18		*	mg/L	1	5	03/25/10 15:41	aml

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279254													
WG279254PBW1	PBW	03/16/10 10:43				3.5	mg/L		-20	20			
WG279254LCSW2	LCSW	03/16/10 10:56	WC100223-9	820.0001		815.2	mg/L	99.4	98	110			
L81091-04DUP	DUP	03/16/10 14:31			438	440.5	mg/L				0.6	20	
WG279254PBW2	PBW	03/16/10 14:38				U	mg/L		-20	20			
WG279254LCSW5	LCSW	03/16/10 14:50	WC100223-9	820.0001		811.8	mg/L	99	98	110			
WG279254PBW3	PBW	03/16/10 17:54				U	mg/L		-20	20			
WG279254LCSW8	LCSW	03/16/10 18:07	WC100223-9	820.0001		816.6	mg/L	99.6	98	110			
WG279254PBW4	PBW	03/16/10 21:01				U	mg/L		-20	20			
WG279254LCSW11	LCSW	03/16/10 21:15	WC100223-9	820.0001		819.2	mg/L	99.9	98	110			
WG279254LCSW14	LCSW	03/17/10 0:23	WC100223-9	820.0001		826	mg/L	100.7	98	110			

Aluminum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		2.013	mg/L	100.7	95	105			
WG279410ICB	ICB	03/18/10 22:26				.043	mg/L		-0.09	0.09			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.15		.181	mg/L	120.7	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	200.15		202.473	mg/L	101.2	1	200			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	1		1.057	mg/L	105.7	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.033	mg/L	103.3	90	110			
WG279410CCB1	CCB	03/18/10 23:11				.041	mg/L		-0.09	0.09			
L81063-10AS	AS	03/18/10 23:26	II100302-2	1	.06	1.081	mg/L	102.1	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	1	.06	1.052	mg/L	99.2	85	115	2.72	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		1.018	mg/L	101.8	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.09	0.09			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		.999	mg/L	99.9	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.09	0.09			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		1.985	mg/L	99.3	95	105			
WG279461ICB	ICB	03/19/10 16:31				.042	mg/L		-0.09	0.09			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.15		.175	mg/L	116.7	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	200.15		203.878	mg/L	101.9	1	200			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	1		1.062	mg/L	106.2	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	1	.05	1.069	mg/L	101.9	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	1	.05	1.052	mg/L	100.2	85	115	1.6	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		1.026	mg/L	102.6	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.09	0.09			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		1.016	mg/L	101.6	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.09	0.09			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		1.008	mg/L	100.8	90	110			
WG279461CCB3	CCB	03/19/10 18:15				.044	mg/L		-0.09	0.09			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Antimony, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.02		.01898	mg/L	94.9	90	110			
WG279604ICB	ICB	03/23/10 22:40				.00047	mg/L		-0.00088	0.00088			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.002		.00208	mg/L	104	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.01		.0087	mg/L	87	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.01	U	.00917	mg/L	91.7	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.01	U	.00949	mg/L	94.9	70	130	3.43	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.0125		.01243	mg/L	99.4	90	110			
WG279604CCB1	CCB	03/23/10 23:12				U	mg/L		-0.0012	0.0012			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.0125		.01227	mg/L	98.2	90	110			
WG279604CCB2	CCB	03/23/10 23:47				U	mg/L		-0.0012	0.0012			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.0125		.01244	mg/L	99.5	90	110			
WG279604CCB3	CCB	03/24/10 0:14				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
WG279944													
WG279944ICV	ICV	03/30/10 23:32	MS100329-2	.02		.01965	mg/L	98.3	90	110			
WG279944ICB	ICB	03/30/10 23:35				U	mg/L		-0.0012	0.0012			
WG279722LRB	LRB	03/30/10 23:39				U	mg/L		-0.00088	0.00088			
WG279722LFB	LFB	03/30/10 23:42	MS100315-6	.01		.0103	mg/L	103	85	115			
L81087-02LFM	LFM	03/30/10 23:53	MS100315-6	.01	U	.008	mg/L	80	70	130			
L81087-02LFMD	LFMD	03/30/10 23:56	MS100315-6	.01	U	.00817	mg/L	81.7	70	130	2.1	20	
WG279944CCV1	CCV	03/31/10 0:10	MS100315-5	.0125		.01207	mg/L	96.6	90	110			
WG279944CCB1	CCB	03/31/10 0:13				U	mg/L		-0.0012	0.0012			
WG279944CCB2	CCB	03/31/10 0:55				U	mg/L		-0.0012	0.0012			
WG279944CCV3	CCV	03/31/10 1:05	MS100315-5	.0125		.01151	mg/L	92.1	90	110			
WG279944CCB3	CCB	03/31/10 1:08				U	mg/L		-0.0012	0.0012			

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05362	mg/L	107.2	90	110			
WG279604ICB	ICB	03/23/10 22:40				.00061	mg/L		-0.0011	0.0011			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.002002		.0021	mg/L	104.9	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05005		.04352	mg/L	87	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05005	.0016	.05132	mg/L	99.3	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05005	.0016	.05169	mg/L	100.1	70	130	0.72	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.25025		.2472	mg/L	98.8	90	110			
WG279604CCB1	CCB	03/23/10 23:12				U	mg/L		-0.0015	0.0015			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.25025		.2477	mg/L	99	90	110			
WG279604CCB2	CCB	03/23/10 23:47				.00051	mg/L		-0.0015	0.0015			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.25025		.2446	mg/L	97.7	90	110			
WG279604CCB3	CCB	03/24/10 0:14				.00065	mg/L		-0.0015	0.0015			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Arsenic, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279848													
WG279848ICV	ICV	03/29/10 15:26	MS100223-6	.05		.05235	mg/L	104.7	90	110			
WG279848ICB	ICB	03/29/10 15:29				U	mg/L		-0.0015	0.0015			
WG279722LRB	LRB	03/29/10 15:33				U	mg/L		-0.0011	0.0011			
WG279722LFB	LFB	03/29/10 15:36	MS100315-6	.05005		.05026	mg/L	100.4	85	115			
L81087-02LFM	LFM	03/29/10 15:47	MS100315-6	.05005	.0018	.0483	mg/L	92.9	70	130			
L81087-02LFMD	LFMD	03/29/10 15:50	MS100315-6	.05005	.0018	.04795	mg/L	92.2	70	130	0.73	20	
WG279848CCV1	CCV	03/29/10 16:04	MS100315-5	.25025		.235	mg/L	93.9	90	110			
WG279848CCB1	CCB	03/29/10 16:07				U	mg/L		-0.0015	0.0015			
WG279848CCV2	CCV	03/29/10 16:45	MS100315-5	.25025		.2409	mg/L	96.3	90	110			
WG279848CCB2	CCB	03/29/10 16:49				U	mg/L		-0.0015	0.0015			
WG279848CCB3	CCB	03/29/10 17:20				U	mg/L		-0.0015	0.0015			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Barium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		1.9856	mg/L	99.3	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.009	0.009			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.015		.0146	mg/L	97.3	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	.1		.0964	mg/L	96.4	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	.5		.5088	mg/L	101.8	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.0095	mg/L	101	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.009	0.009			
L81063-10AS	AS	03/18/10 23:26	II100302-2	.5	U	.5065	mg/L	101.3	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	.5	U	.5055	mg/L	101.1	85	115	0.2	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		.9941	mg/L	99.4	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.009	0.009			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		.9991	mg/L	99.9	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.009	0.009			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		2.0175	mg/L	100.9	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.009	0.009			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.015		.0166	mg/L	110.7	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	.1		.0982	mg/L	98.2	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	.5		.5048	mg/L	101	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	.5	.161	.6566	mg/L	99.1	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	.5	.161	.6571	mg/L	99.2	85	115	0.08	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		1.0125	mg/L	101.3	90	110			
WG279461CCB1	CCB	03/19/10 17:17				.0104	mg/L		-0.009	0.009			BB
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		1.0044	mg/L	100.4	90	110			
WG279461CCB2	CCB	03/19/10 17:53				.0095	mg/L		-0.009	0.009			BB
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		1.0126	mg/L	101.3	90	110			
WG279461CCB3	CCB	03/19/10 18:15				.0089	mg/L		-0.009	0.009			
WG279520													
WG279520ICV	ICV	03/22/10 11:47	II100311-1	2		2.0036	mg/L	100.2	95	105			
WG279520ICB	ICB	03/22/10 11:51				U	mg/L		-0.009	0.009			
WG279520PQV	PQV	03/22/10 11:54	II100322-2	.015		.0139	mg/L	92.7	70	130			
WG279520SIC	SIC	03/22/10 11:57	II100315-1	.1		.101	mg/L	101	80	120			
WG279520LFB	LFB	03/22/10 12:03	II100302-2	.5		.519	mg/L	103.8	85	115			
L81087-02AS	AS	03/22/10 12:10	II100302-2	.5	.163	.6733	mg/L	102.1	85	115			
L81087-02ASD	ASD	03/22/10 12:13	II100302-2	.5	.163	.6717	mg/L	101.7	85	115	0.24	20	
WG279520CCV1	CCV	03/22/10 12:35	II100311-2	1		.9869	mg/L	98.7	90	110			
WG279520CCB1	CCB	03/22/10 12:38				U	mg/L		-0.009	0.009			
WG279520CCV2	CCV	03/22/10 13:13	II100311-2	1		.9883	mg/L	98.8	90	110			
WG279520CCB2	CCB	03/22/10 13:16				U	mg/L		-0.009	0.009			
WG279520CCV3	CCV	03/22/10 13:32	II100311-2	1		.9854	mg/L	98.5	90	110			
WG279520CCB3	CCB	03/22/10 13:35				U	mg/L		-0.009	0.009			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Beryllium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		2.0098	mg/L	100.5	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.006	0.006			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.01		.0091	mg/L	91	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	.1		.1023	mg/L	102.3	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	.5		.517	mg/L	103.4	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.0072	mg/L	100.7	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.006	0.006			
L81063-10AS	AS	03/18/10 23:26	II100302-2	.5	U	.5098	mg/L	102	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	.5	U	.5089	mg/L	101.8	85	115	0.18	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		.9947	mg/L	99.5	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.006	0.006			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		.9996	mg/L	100	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.006	0.006			
WG279520													
WG279520ICV	ICV	03/22/10 11:47	II100311-1	2		2.0165	mg/L	100.8	95	105			
WG279520ICB	ICB	03/22/10 11:51				.0024	mg/L		-0.006	0.006			
WG279520PQV	PQV	03/22/10 11:54	II100322-2	.01		.0126	mg/L	126	70	130			
WG279520SIC	SIC	03/22/10 11:57	II100315-1	.1		.1035	mg/L	103.5	80	120			
WG279520LFB	LFB	03/22/10 12:03	II100302-2	.5		.5326	mg/L	106.5	85	115			
L81087-02AS	AS	03/22/10 12:10	II100302-2	.5	U	.5451	mg/L	109	85	115			
L81087-02ASD	ASD	03/22/10 12:13	II100302-2	.5	U	.5413	mg/L	108.3	85	115	0.7	20	
WG279520CCV1	CCV	03/22/10 12:35	II100311-2	1		1.0316	mg/L	103.2	90	110			
WG279520CCB1	CCB	03/22/10 12:38				.0022	mg/L		-0.006	0.006			
WG279520CCV2	CCV	03/22/10 13:13	II100311-2	1		1.0295	mg/L	103	90	110			
WG279520CCB2	CCB	03/22/10 13:16				.0021	mg/L		-0.006	0.006			
WG279520CCV3	CCV	03/22/10 13:32	II100311-2	1		1.0351	mg/L	103.5	90	110			
WG279520CCB3	CCB	03/22/10 13:35				.0023	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
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05083	mg/L	101.7	90	110			
WG279604ICB	ICB	03/23/10 22:40				U	mg/L		-0.00022	0.00022			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.0005005		.00043	mg/L	85.9	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05005		.04245	mg/L	84.8	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05005	U	.04547	mg/L	90.8	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05005	U	.04565	mg/L	91.2	70	130	0.4	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.1001		.09939	mg/L	99.3	90	110			
WG279604CCB1	CCB	03/23/10 23:12				U	mg/L		-0.0003	0.0003			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.1001		.1001	mg/L	100	90	110			
WG279604CCB2	CCB	03/23/10 23:47				U	mg/L		-0.0003	0.0003			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.1001		.1004	mg/L	100.3	90	110			
WG279604CCB3	CCB	03/24/10 0:14				.00011	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Cadmium, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279848													
WG279848ICV	ICV	03/29/10 15:26	MS100223-6	.05		.05141	mg/L	102.8	90	110			
WG279848ICB	ICB	03/29/10 15:29				U	mg/L		-0.0003	0.0003			
WG279722LRB	LRB	03/29/10 15:33				U	mg/L		-0.00022	0.00022			
WG279722LFB	LFB	03/29/10 15:36	MS100315-6	.05005		.04861	mg/L	97.1	85	115			
L81087-02LFM	LFM	03/29/10 15:47	MS100315-6	.05005	U	.04913	mg/L	98.2	70	130			
L81087-02LFMD	LFMD	03/29/10 15:50	MS100315-6	.05005	U	.04915	mg/L	98.2	70	130	0.04	20	
WG279848CCV1	CCV	03/29/10 16:04	MS100315-5	.1001		.0999	mg/L	99.8	90	110			
WG279848CCB1	CCB	03/29/10 16:07				U	mg/L		-0.0003	0.0003			
WG279848CCV2	CCV	03/29/10 16:45	MS100315-5	.1001		.09929	mg/L	99.2	90	110			
WG279848CCB2	CCB	03/29/10 16:49				U	mg/L		-0.0003	0.0003			
WG279848CCB3	CCB	03/29/10 17:20				U	mg/L		-0.0003	0.0003			

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	100		98.16	mg/L	98.2	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.6	0.6			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	1		1.07	mg/L	107	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	201		198.37	mg/L	98.7	1	200			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	67.99734		72.22	mg/L	106.2	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	50		50.67	mg/L	101.3	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.6	0.6			
L81063-10AS	AS	03/18/10 23:26	II100302-2	67.99734	U	72.91	mg/L	107.2	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	67.99734	U	71.48	mg/L	105.1	85	115	1.98	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	50		50	mg/L	100	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.6	0.6			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	50		49.85	mg/L	99.7	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.6	0.6			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	100		96.39	mg/L	96.4	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.6	0.6			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	1		1.15	mg/L	115	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	201		191.71	mg/L	95.4	1	200			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	67.99734		69.21	mg/L	101.8	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	67.99734	61.7	130.1	mg/L	100.6	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	67.99734	61.7	128.46	mg/L	98.2	85	115	1.27	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	50		52.24	mg/L	104.5	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.6	0.6			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	50		52.04	mg/L	104.1	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.6	0.6			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	50		52.53	mg/L	105.1	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279854													
WG279854ICB	ICB	03/29/10 14:27				U	mg/L		-3	3			
WG279854ICV	ICV	03/29/10 14:27	WI091019-2	54.835		58.1	mg/L	106	90	110			
WG279854CCV1	CCV	03/29/10 15:16	WI091019-3	50		53.3	mg/L	106.6	90	110			
WG279854CCB1	CCB	03/29/10 15:16				U	mg/L		-3	3			
WG279854LFB1	LFB	03/29/10 15:16	WI100217-3	30		29.4	mg/L	98	90	110			
WG279854CCV2	CCV	03/29/10 15:18	WI091019-3	50		53.6	mg/L	107.2	90	110			
WG279854CCB2	CCB	03/29/10 15:18				U	mg/L		-3	3			
WG279854CCV3	CCV	03/29/10 15:20	WI091019-3	50		53.3	mg/L	106.6	90	110			
WG279854CCB3	CCB	03/29/10 15:20				U	mg/L		-3	3			
WG279854LFB2	LFB	03/29/10 15:20	WI100217-3	30		32.4	mg/L	108	90	110			
WG279854CCV4	CCV	03/29/10 15:26	WI091019-3	50		53.1	mg/L	106.2	90	110			
WG279854CCB4	CCB	03/29/10 15:26				U	mg/L		-3	3			
WG279854CCV5	CCV	03/29/10 15:28	WI091019-3	50		53.2	mg/L	106.4	90	110			
WG279854CCB5	CCB	03/29/10 15:28				U	mg/L		-3	3			
L81087-01AS	AS	03/29/10 15:28	10XCL	30	180	215	mg/L	116.7	90	110			M1
L81087-02DUP	DUP	03/29/10 15:28			750	750	mg/L				0	20	
WG279854CCV6	CCV	03/29/10 15:33	WI091019-3	50		53.1	mg/L	106.2	90	110			
WG279854CCB6	CCB	03/29/10 15:33				U	mg/L		-3	3			
WG279854CCV7	CCV	03/29/10 15:37	WI091019-3	50		54.1	mg/L	108.2	90	110			
WG279854CCB7	CCB	03/29/10 15:37				U	mg/L		-3	3			
WG279854CCV8	CCV	03/29/10 15:41	WI091019-3	50		54	mg/L	108	90	110			
WG279854CCB8	CCB	03/29/10 15:41				U	mg/L		-3	3			
WG279854CCV9	CCV	03/29/10 15:45	WI091019-3	50		53.6	mg/L	107.2	90	110			
WG279854CCB9	CCB	03/29/10 15:45				U	mg/L		-3	3			

Chromium, total M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279345													
WG279345ICV	ICV	03/17/10 19:21	II100311-3	2		2.029	mg/L	101.5	95	105			
WG279345ICB	ICB	03/17/10 19:25				U	mg/L		-0.03	0.03			
WG279345PQV	PQV	03/17/10 19:28	II100311-6	.05		.055	mg/L	110	70	130			
WG279345SIC	SIC	03/17/10 19:31	II100315-2	.1		.119	mg/L	119	80	120			
WG279231LRB	LRB	03/17/10 19:37				U	mg/L		-0.022	0.022			
WG279231LFB	LFB	03/17/10 19:40	II100302-2	.5		.533	mg/L	106.6	85	115			
L81049-03LFM	LFM	03/17/10 19:46	II100302-2	.5	U	.538	mg/L	107.6	70	130			
L81049-03LFMD	LFMD	03/17/10 19:49	II100302-2	.5	U	.54	mg/L	108	70	130	0.37	20	
WG279345CCV1	CCV	03/17/10 20:08	II100311-4	1		1.047	mg/L	104.7	90	110			
WG279345CCB1	CCB	03/17/10 20:11				U	mg/L		-0.03	0.03			
L81087-03LFM	LFM	03/17/10 20:29	II100302-2	.5	U	.552	mg/L	110.4	70	130			
L81087-03LFMD	LFMD	03/17/10 20:32	II100302-2	.5	U	.547	mg/L	109.4	70	130	0.91	20	
WG279345CCV2	CCV	03/17/10 20:44	II100311-4	1		1.044	mg/L	104.4	90	110			
WG279345CCB2	CCB	03/17/10 20:47				U	mg/L		-0.03	0.03			
WG279345CCV3	CCV	03/17/10 21:09	II100311-4	1		1.043	mg/L	104.3	90	110			
WG279345CCB3	CCB	03/17/10 21:12				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		1.9	mg/L	95	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.03	0.03			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.05		.056	mg/L	112	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	.1		.1	mg/L	100	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	.5		.514	mg/L	102.8	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		.962	mg/L	96.2	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.03	0.03			
L81063-10AS	AS	03/18/10 23:26	II100302-2	.5	U	.513	mg/L	102.6	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	.5	U	.514	mg/L	102.8	85	115	0.19	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		.956	mg/L	95.6	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.03	0.03			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		.96	mg/L	96	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.03	0.03			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		1.892	mg/L	94.6	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.03	0.03			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.05		.052	mg/L	104	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	.1		.105	mg/L	105	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	.5		.501	mg/L	100.2	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	.5	U	.512	mg/L	102.4	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	.5	U	.515	mg/L	103	85	115	0.58	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		.971	mg/L	97.1	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.03	0.03			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		.958	mg/L	95.8	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.03	0.03			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		.976	mg/L	97.6	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Fluoride SM4500F-C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279325													
WG279325ICV	ICV	03/17/10 11:41	WC100225-1	2		1.91	mg/L	95.5	95	105			
WG279325ICB	ICB	03/17/10 11:49				U	mg/L		-0.3	0.3			
WG279333													
WG279333ICV	ICV	03/17/10 14:02	WC100317-1	2		1.91	mg/L	95.5	95	105			
WG279333ICB	ICB	03/17/10 14:10				U	mg/L		-0.3	0.3			
WG279333PQV	PQV	03/17/10 14:15	WC100112-2	.5		.51	mg/L	102	70	130			
WG279333LFB1	LFB	03/17/10 14:18	WC100112-3	5		4.58	mg/L	91.6	90	110			
L81060-01AS	AS	03/17/10 14:29	WC100112-3	5	U	4.54	mg/L	90.8	90	110			
L81060-01DUP	DUP	03/17/10 14:37			U	U	mg/L				0	20	RA
WG279333CCV1	CCV	03/17/10 15:14	WC100317-1	2		1.85	mg/L	92.5	90	110			
WG279333CCB1	CCB	03/17/10 15:17				U	mg/L		-0.3	0.3			
L81087-03AS	AS	03/17/10 15:48	WC100112-3	5	.1	3.8	mg/L	74	90	110			M2
L81087-03DUP	DUP	03/17/10 15:53			.1	.16	mg/L				46.2	20	RA
WG279333CCV2	CCV	03/17/10 16:12	WC100317-1	2		1.91	mg/L	95.5	90	110			
WG279333CCB2	CCB	03/17/10 16:19				U	mg/L		-0.3	0.3			
WG279333LFB2	LFB	03/17/10 16:50	WC100112-3	5		4.58	mg/L	91.6	90	110			
WG279333CCV3	CCV	03/17/10 17:08	WC100317-1	2		1.88	mg/L	94	90	110			
WG279333CCB3	CCB	03/17/10 17:15				U	mg/L		-0.3	0.3			
WG279333CCV4	CCV	03/17/10 18:09	WC100317-1	2		1.89	mg/L	94.5	90	110			
WG279333CCB4	CCB	03/17/10 18:17				U	mg/L		-0.3	0.3			
WG279333CCV5	CCV	03/17/10 19:10	WC100317-1	2		1.85	mg/L	92.5	90	110			
WG279333CCB5	CCB	03/17/10 19:17				U	mg/L		-0.3	0.3			
WG279333CCV6	CCV	03/17/10 19:34	WC100317-1	2		1.9	mg/L	95	90	110			
WG279333CCB6	CCB	03/17/10 19:42				U	mg/L		-0.3	0.3			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		2.004	mg/L	100.2	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.06	0.06			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.05		.046	mg/L	92	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	200.05		198.785	mg/L	99.4	1	200			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	1		1.077	mg/L	107.7	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.017	mg/L	101.7	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.06	0.06			
L81063-10AS	AS	03/18/10 23:26	II100302-2	1	U	1.077	mg/L	107.7	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	1	U	1.076	mg/L	107.6	85	115	0.09	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		1.019	mg/L	101.9	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.06	0.06			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		1.016	mg/L	101.6	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.06	0.06			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		1.98	mg/L	99	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.06	0.06			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.05		.044	mg/L	88	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	200.05		191.724	mg/L	95.8	1	200			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	1		1.028	mg/L	102.8	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	1	U	1.081	mg/L	108.1	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	1	U	1.068	mg/L	106.8	85	115	1.21	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		1.058	mg/L	105.8	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.06	0.06			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		1.049	mg/L	104.9	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.06	0.06			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		1.071	mg/L	107.1	90	110			
WG279461CCB3	CCB	03/19/10 18:15				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
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05441	mg/L	108.8	90	110			
WG279604ICB	ICB	03/23/10 22:40				U	mg/L		-0.00022	0.00022			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.0005005		.00044	mg/L	87.9	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05005		.04546	mg/L	90.8	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05005	U	.04588	mg/L	91.7	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05005	U	.04634	mg/L	92.6	70	130	1	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.25025		.2507	mg/L	100.2	90	110			
WG279604CCB1	CCB	03/23/10 23:12				.00016	mg/L		-0.0003	0.0003			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.25025		.2527	mg/L	101	90	110			
WG279604CCB2	CCB	03/23/10 23:47				.00019	mg/L		-0.0003	0.0003			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.25025		.2523	mg/L	100.8	90	110			
WG279604CCB3	CCB	03/24/10 0:14				.00024	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Lead, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279848													
WG279848ICV	ICV	03/29/10 15:26	MS100223-6	.05		.04872	mg/L	97.4	90	110			
WG279848ICB	ICB	03/29/10 15:29				.0001	mg/L		-0.0003	0.0003			
WG279722LRB	LRB	03/29/10 15:33				U	mg/L		-0.00022	0.00022			
WG279722LFB	LFB	03/29/10 15:36	MS100315-6	.05005		.04647	mg/L	92.8	85	115			
L81087-02LFM	LFM	03/29/10 15:47	MS100315-6	.05005	.0035	.05031	mg/L	93.5	70	130			
L81087-02LFMD	LFMD	03/29/10 15:50	MS100315-6	.05005	.0035	.05077	mg/L	94.4	70	130	0.91	20	
WG279848CCV1	CCV	03/29/10 16:04	MS100315-5	.25025		.2509	mg/L	100.3	90	110			
WG279848CCB1	CCB	03/29/10 16:07				U	mg/L		-0.0003	0.0003			
WG279848CCV2	CCV	03/29/10 16:45	MS100315-5	.25025		.2513	mg/L	100.4	90	110			
WG279848CCB2	CCB	03/29/10 16:49				U	mg/L		-0.0003	0.0003			
WG279848CCB3	CCB	03/29/10 17:20				.00014	mg/L		-0.0003	0.0003			

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	100		99.24	mg/L	99.2	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.6	0.6			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	1.001		1.04	mg/L	103.9	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	201.201		204.87	mg/L	101.8	1	200			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	49.99941		53.88	mg/L	107.8	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	50		50.51	mg/L	101	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.6	0.6			
L81063-10AS	AS	03/18/10 23:26	II100302-2	49.99941	U	54.13	mg/L	108.3	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	49.99941	U	53.65	mg/L	107.3	85	115	0.89	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	50		49.87	mg/L	99.7	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.6	0.6			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	50		49.57	mg/L	99.1	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.6	0.6			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	100		96.93	mg/L	96.9	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.6	0.6			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	1.001		.95	mg/L	94.9	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	201.201		197.58	mg/L	98.2	1	200			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	49.99941		51.25	mg/L	102.5	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	49.99941	29.3	83.23	mg/L	107.9	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	49.99941	29.3	81.67	mg/L	104.7	85	115	1.89	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	50		52.98	mg/L	106	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.6	0.6			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	50		53	mg/L	106	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.6	0.6			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	50		53.09	mg/L	106.2	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Manganese, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		1.9671	mg/L	98.4	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.015	0.015			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.025		.0238	mg/L	95.2	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	50.025		48.5367	mg/L	97	1	200			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	.5		.5183	mg/L	103.7	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.008	mg/L	100.8	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.015	0.015			
L81063-10AS	AS	03/18/10 23:26	II100302-2	.5	U	.5152	mg/L	103	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	.5	U	.5131	mg/L	102.6	85	115	0.41	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		.9985	mg/L	99.9	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.015	0.015			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		.9963	mg/L	99.6	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.015	0.015			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		1.9434	mg/L	97.2	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.015	0.015			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.025		.0275	mg/L	110	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	50.025		47.2207	mg/L	94.4	1	200			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	.5		.5036	mg/L	100.7	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	.5	.06	.5682	mg/L	101.6	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	.5	.06	.5666	mg/L	101.3	85	115	0.28	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		1.0265	mg/L	102.7	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.015	0.015			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		1.0177	mg/L	101.8	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.015	0.015			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		1.0282	mg/L	102.8	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.015	0.015			

Mercury, dissolved M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279359													
WG279359ICV	ICV	03/18/10 18:46	II100304-1	.005015		.00491	mg/L	97.9	95	105			
WG279359ICB	ICB	03/18/10 18:48				U	mg/L		-0.0002	0.0002			
WG279359PQV	PQV	03/18/10 18:50	II100304-2	.001		.00098	mg/L	98	70	130			
WG279359LRB	LRB	03/18/10 18:53				U	mg/L		-0.00044	0.00044			
WG279359LFB	LFB	03/18/10 18:55	II100304-4	.002		.00192	mg/L	96	85	115			
L81060-01LFM	LFM	03/18/10 18:59	II100304-4	.002	U	.0019	mg/L	95	85	115			
L81060-01LFMD	LFMD	03/18/10 19:02	II100304-4	.002	U	.00188	mg/L	94	85	115	1.06	20	
WG279359CCV1	CCV	03/18/10 19:13	II100304-1	.005015		.005	mg/L	99.7	90	110			
WG279359CCB1	CCB	03/18/10 19:15				U	mg/L		-0.0002	0.0002			
WG279359CCV2	CCV	03/18/10 19:39	II100304-1	.005015		.00499	mg/L	99.5	90	110			
WG279359CCB2	CCB	03/18/10 19:42				U	mg/L		-0.0002	0.0002			
WG279359CCV3	CCV	03/18/10 20:00	II100304-1	.005015		.005	mg/L	99.7	90	110			
WG279359CCB3	CCB	03/18/10 20:03				U	mg/L		-0.0002	0.0002			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Mercury, total M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279703													
WG279703ICV1	ICV	03/25/10 21:13	II100304-1	.005015		.00492	mg/L	98.1	90	110			
WG279703ICB1	ICB	03/25/10 21:15				U	mg/L		-0.0006	0.0006			
WG279704													
WG279704CCV1	CCV	03/25/10 21:47	II100304-1	.005015		.00505	mg/L	100.7	90	110			
WG279704CCB1	CCB	03/25/10 21:49				U	mg/L		-0.0002	0.0002			
WG279704PQV	PQV	03/25/10 21:52	II100304-2	.001		.00099	mg/L	99	70	130			
WG279704LRB	LRB	03/25/10 21:54				U	mg/L		-0.00044	0.00044			
WG279704LFB	LFB	03/25/10 21:57	II100304-4	.002		.00196	mg/L	98	85	115			
L81087-01LFM	LFM	03/25/10 22:01	II100304-4	.002	U	.00212	mg/L	106	85	115			
L81087-01LFMD	LFMD	03/25/10 22:04	II100304-4	.002	U	.00208	mg/L	104	85	115	1.9	20	
WG279704CCV2	CCV	03/25/10 22:15	II100304-1	.005015		.00484	mg/L	96.5	90	110			
WG279704CCB2	CCB	03/25/10 22:17				U	mg/L		-0.0002	0.0002			
WG279704CCV3	CCV	03/25/10 22:42	II100304-1	.005015		.00501	mg/L	99.9	90	110			
WG279704CCB3	CCB	03/25/10 22:44				U	mg/L		-0.0002	0.0002			
WG279704CCV4	CCV	03/25/10 23:01	II100304-1	.005015		.00486	mg/L	96.9	90	110			
WG279704CCB4	CCB	03/25/10 23:04				U	mg/L		-0.0002	0.0002			

Molybdenum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279439													
WG279439ICV1	ICV	03/19/10 10:28	II100311-1	2		2.062	mg/L	103.1	95	105			
WG279439ICB	ICB	03/19/10 10:31				U	mg/L		-0.03	0.03			
WG279439PQV	PQV	03/19/10 10:35	II100311-6	.05		.057	mg/L	114	70	130			
WG279439SIC	SIC	03/19/10 10:38	II100315-1	.1		.099	mg/L	99	80	120			
WG279439LFB	LFB	03/19/10 10:45	II100302-2	.5		.554	mg/L	110.8	85	115			
WG279439CCV1	CCV	03/19/10 11:08	II100311-2	1		1.099	mg/L	109.9	90	110			
WG279439CCB1	CCB	03/19/10 11:11				U	mg/L		-0.03	0.03			
L81063-10AS	AS	03/19/10 11:37	II100302-2	.5	U	.571	mg/L	114.2	85	115			
L81063-10ASD	ASD	03/19/10 11:40	II100302-2	.5	U	.563	mg/L	112.6	85	115	1.41	20	
WG279439CCV2	CCV	03/19/10 11:47	II100311-2	1		1.104	mg/L	110.4	90	110			
WG279439CCB2	CCB	03/19/10 11:50				U	mg/L		-0.03	0.03			
WG279439CCB3	CCB	03/19/10 12:07				U	mg/L		-0.03	0.03			
WG279520													
WG279520ICV	ICV	03/22/10 11:47	II100311-1	2		2.023	mg/L	101.2	95	105			
WG279520ICB	ICB	03/22/10 11:51				U	mg/L		-0.03	0.03			
WG279520PQV	PQV	03/22/10 11:54	II100322-2	.05		.055	mg/L	110	70	130			
WG279520SIC	SIC	03/22/10 11:57	II100315-1	.1		.112	mg/L	112	80	120			
WG279520LFB	LFB	03/22/10 12:03	II100302-2	.5		.538	mg/L	107.6	85	115			
L81087-02AS	AS	03/22/10 12:10	II100302-2	.5	.01	.56	mg/L	110	85	115			
L81087-02ASD	ASD	03/22/10 12:13	II100302-2	.5	.01	.549	mg/L	107.8	85	115	1.98	20	
WG279520CCV1	CCV	03/22/10 12:35	II100311-2	1		1.011	mg/L	101.1	90	110			
WG279520CCB1	CCB	03/22/10 12:38				.011	mg/L		-0.03	0.03			
WG279520CCV2	CCV	03/22/10 13:13	II100311-2	1		.993	mg/L	99.3	90	110			
WG279520CCB2	CCB	03/22/10 13:16				U	mg/L		-0.03	0.03			
WG279520CCV3	CCV	03/22/10 13:32	II100311-2	1		1.007	mg/L	100.7	90	110			
WG279520CCB3	CCB	03/22/10 13:35				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Nickel, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05512	mg/L	110.2	90	110			
WG279604ICB	ICB	03/23/10 22:40				U	mg/L		-0.00132	0.00132			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.003003		.00261	mg/L	86.9	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05005		.04459	mg/L	89.1	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05005	.0011	.04467	mg/L	87.1	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05005	.0011	.04471	mg/L	87.1	70	130	0.09	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.25025		.2611	mg/L	104.3	90	110			
WG279604CCB1	CCB	03/23/10 23:12				U	mg/L		-0.0018	0.0018			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.25025		.2643	mg/L	105.6	90	110			
WG279604CCB2	CCB	03/23/10 23:47				U	mg/L		-0.0018	0.0018			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.25025		.2611	mg/L	104.3	90	110			
WG279604CCB3	CCB	03/24/10 0:14				U	mg/L		-0.0018	0.0018			

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279953													
WG279953ICV	ICV	03/30/10 19:47	WI100323-9	2.416		2.353	mg/L	97.4	90	110			
WG279953ICB	ICB	03/30/10 19:49				U	mg/L		-0.06	0.06			
WG279955													
WG279955CCV1	CCV	03/30/10 22:11	WI100323-1	2		1.837	mg/L	91.9	90	110			
WG279955CCB1	CCB	03/30/10 22:14				U	mg/L		-0.06	0.06			
WG279955LFB1	LFB	03/30/10 22:16	WI100319-1	2		1.808	mg/L	90.4	90	110			
WG279955CCV2	CCV	03/30/10 22:29	WI100323-1	2		1.869	mg/L	93.5	90	110			
WG279955CCB2	CCB	03/30/10 22:32				U	mg/L		-0.06	0.06			
L81086-04AS	AS	03/30/10 22:39	WI100319-1	2	1.86	3.737	mg/L	93.9	90	110			
L81086-05DUP	DUP	03/30/10 22:41			1.47	1.473	mg/L				0.2	20	
WG279955CCV3	CCV	03/30/10 22:46	WI100323-1	2		1.877	mg/L	93.9	90	110			
WG279955CCB3	CCB	03/30/10 22:50				U	mg/L		-0.06	0.06			
WG279955LFB2	LFB	03/30/10 22:58	WI100319-1	2		1.877	mg/L	93.9	90	110			
WG279955CCV4	CCV	03/30/10 23:04	WI100323-1	2		1.876	mg/L	93.8	90	110			
WG279955CCB4	CCB	03/30/10 23:07				U	mg/L		-0.06	0.06			
WG279955CCV5	CCV	03/30/10 23:21	WI100323-1	2		1.881	mg/L	94.1	90	110			
WG279955CCB5	CCB	03/30/10 23:25				U	mg/L		-0.06	0.06			

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
WG279304													
WG279304ICV	ICV	03/16/10 19:52	WI091222-1	2.416		2.307	mg/L	95.5	90	110			
WG279304ICB	ICB	03/16/10 19:54				U	mg/L		-0.06	0.06			
WG279304LFB	LFB	03/16/10 19:57	WI090918-6	2		1.988	mg/L	99.4	90	110			
L81087-01AS	AS	03/16/10 20:00	WI090918-6	2	.05	2.041	mg/L	99.6	90	110			
L81087-02DUP	DUP	03/16/10 20:03			.17	.17	mg/L				0	20	RA
WG279304CCV	CCV	03/16/10 20:10	WI100316-5	2		1.978	mg/L	98.9	90	110			
WG279304CCB	CCB	03/16/10 20:13				U	mg/L		-0.06	0.06			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

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
WG279304													
WG279304ICV	ICV	03/16/10 19:52	WI091222-1	.609		.606	mg/L	99.5	90	110			
WG279304ICB	ICB	03/16/10 19:54				U	mg/L		-0.03	0.03			
WG279304LFB	LFB	03/16/10 19:57	WI090918-6	1		1.007	mg/L	100.7	90	110			
L81087-01AS	AS	03/16/10 20:00	WI090918-6	1		1.021	mg/L	102.1	90	110			
L81087-02DUP	DUP	03/16/10 20:03				U	mg/L				0	20	RA
WG279304CCV	CCV	03/16/10 20:10	WI100316-5	1		1.004	mg/L	100.4	90	110			
WG279304CCB	CCB	03/16/10 20:13				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
WG279212													
WG279212LCSW3	LCSW	03/15/10 14:23	PCN33150	6		6.05	units	100.8	98	102			
WG279212LCSW6	LCSW	03/15/10 17:45	PCN33150	6		6.06	units	101	98	102			
WG279212LCSW9	LCSW	03/15/10 20:51	PCN33150	6		6.07	units	101.2	98	102			
L81088-01DUP	DUP	03/15/10 22:08			8.4	8.36	units				0.5	20	
WG279212LCSW12	LCSW	03/16/10 0:57	PCN33150	6		6.06	units	101	98	102			
WG279212LCSW15	LCSW	03/16/10 2:23	PCN33150	6		6.05	units	100.8	98	102			

Potassium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	20		20	mg/L	100	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.9	0.9			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	1.5		1.82	mg/L	121.3	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	1.5		1.55	mg/L	103.3	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	99.97161		107.74	mg/L	107.8	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	10		10.25	mg/L	102.5	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.9	0.9			
L81063-10AS	AS	03/18/10 23:26	II100302-2	99.97161	U	108.24	mg/L	108.3	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	99.97161	U	107.39	mg/L	107.4	85	115	0.79	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	10		10.07	mg/L	100.7	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.9	0.9			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	10		10.18	mg/L	101.8	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.9	0.9			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	20		19.89	mg/L	99.5	95	105			
WG279461ICB	ICB	03/19/10 16:31				.38	mg/L		-0.9	0.9			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	1.5		1.93	mg/L	128.7	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	1.5		1.63	mg/L	108.7	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	99.97161		102.37	mg/L	102.4	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	99.97161	22.4	127.06	mg/L	104.7	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	99.97161	22.4	124.66	mg/L	102.3	85	115	1.91	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	10		10.32	mg/L	103.2	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.9	0.9			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	10		10.36	mg/L	103.6	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.9	0.9			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	10		10.14	mg/L	101.4	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Residue, Filterable (TDS) @180C SM2540C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279202													
WG279202PBW	PBW	03/15/10 11:25				U	mg/L		-20	20			
WG279202LCSW	LCSW	03/15/10 11:25	PCN33553	260		264	mg/L	101.5	80	120			
L81088-02DUP	DUP	03/15/10 11:30			770	774	mg/L				0.5	20	

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

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279233													
WG279233PBW	PBW	03/15/10 16:20				U	mg/L		-15	15			
WG279233LCSW	LCSW	03/15/10 16:21	PCN33553	160		156	mg/L	97.5	80	120			
L81123-04DUP	DUP	03/15/10 16:54			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
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05174	mg/L	103.5	90	110			
WG279604ICB	ICB	03/23/10 22:40				U	mg/L		-0.00022	0.00022			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.00025025		.00021	mg/L	83.9	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05005		.04337	mg/L	86.7	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05005	.0003	.05599	mg/L	111.3	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05005	.0003	.05697	mg/L	113.2	70	130	1.74	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.25025		.2639	mg/L	105.5	90	110			
WG279604CCB1	CCB	03/23/10 23:12				.00011	mg/L		-0.0003	0.0003			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.25025		.2665	mg/L	106.5	90	110			
WG279604CCB2	CCB	03/23/10 23:47				U	mg/L		-0.0003	0.0003			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.25025		.2701	mg/L	107.9	90	110			
WG279604CCB3	CCB	03/24/10 0:14				.00016	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
WG279848													
WG279848ICV	ICV	03/29/10 15:26	MS100223-6	.05		.05108	mg/L	102.2	90	110			
WG279848ICB	ICB	03/29/10 15:29				U	mg/L		-0.0003	0.0003			
WG279722LRB	LRB	03/29/10 15:33				U	mg/L		-0.00022	0.00022			
WG279722LFB	LFB	03/29/10 15:36	MS100315-6	.05005		.04705	mg/L	94	85	115			
L81087-02LFM	LFM	03/29/10 15:47	MS100315-6	.05005	.0015	.04954	mg/L	96	70	130			
L81087-02LFMD	LFMD	03/29/10 15:50	MS100315-6	.05005	.0015	.0516	mg/L	100.1	70	130	4.07	20	
WG279848CCV1	CCV	03/29/10 16:04	MS100315-5	.25025		.2422	mg/L	96.8	90	110			
WG279848CCB1	CCB	03/29/10 16:07				.00011	mg/L		-0.0003	0.0003			
WG279848CCV2	CCV	03/29/10 16:45	MS100315-5	.25025		.2437	mg/L	97.4	90	110			
WG279848CCB2	CCB	03/29/10 16:49				.00012	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Silica, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279468													
WG279468ICV	ICV	03/19/10 15:07	II100311-1	42.8		40.48	mg/L	94.6	95	105			
WG279468ICB	ICB	03/19/10 15:11				U	mg/L		-1.2	1.2			
WG279468PQV	PQV	03/19/10 15:14	II100311-6	2.14		1.96	mg/L	91.6	70	130			
WG279468SIC	SIC	03/19/10 15:18	II100315-1	2.14		1.97	mg/L	92.1	80	120			
WG279468LFB	LFB	03/19/10 15:24	II100302-2	21.4		21	mg/L	98.1	85	115			
L81087-01AS	AS	03/19/10 15:30	II100302-2	21.4	3.9	25.19	mg/L	99.5	85	115			
L81087-01ASD	ASD	03/19/10 15:33	II100302-2	21.4	3.9	24.82	mg/L	97.8	85	115	1.48	20	
WG279468CCV1	CCV	03/19/10 15:56	II100311-2	21.4		20.92	mg/L	97.8	90	110			
WG279468CCB1	CCB	03/19/10 15:59				U	mg/L		-1.2	1.2			
WG279468CCV2	CCV	03/19/10 16:34	II100311-2	21.4		20.58	mg/L	96.2	90	110			
WG279468CCB2	CCB	03/19/10 16:37				U	mg/L		-1.2	1.2			
WG279468CCV3	CCV	03/19/10 16:56	II100311-2	21.4		20.91	mg/L	97.7	90	110			
WG279468CCB3	CCB	03/19/10 16:59				U	mg/L		-1.2	1.2			
WG279520													
WG279520ICV	ICV	03/22/10 11:47	II100311-1	42.8		40.67	mg/L	95	95	105			
WG279520ICB	ICB	03/22/10 11:51				U	mg/L		-1.2	1.2			
WG279520PQV	PQV	03/22/10 11:54	II100322-2	2.14		2.06	mg/L	96.3	70	130			
WG279520SIC	SIC	03/22/10 11:57	II100315-1	2.14		2.07	mg/L	96.7	80	120			
WG279520LFB	LFB	03/22/10 12:03	II100302-2	21.4		21.7	mg/L	101.4	85	115			
L81087-02AS	AS	03/22/10 12:10	II100302-2	21.4	5.3	27.41	mg/L	103.3	85	115			
L81087-02ASD	ASD	03/22/10 12:13	II100302-2	21.4	5.3	27.13	mg/L	102	85	115	1.03	20	
WG279520CCV1	CCV	03/22/10 12:35	II100311-2	21.4		21.33	mg/L	99.7	90	110			
WG279520CCB1	CCB	03/22/10 12:38				U	mg/L		-1.2	1.2			
WG279520CCV2	CCV	03/22/10 13:13	II100311-2	21.4		21.24	mg/L	99.3	90	110			
WG279520CCB2	CCB	03/22/10 13:16				U	mg/L		-1.2	1.2			
WG279520CCV3	CCV	03/22/10 13:32	II100311-2	21.4		21.42	mg/L	100.1	90	110			
WG279520CCB3	CCB	03/22/10 13:35				U	mg/L		-1.2	1.2			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Silver, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279439													
WG279439ICV1	ICV	03/19/10 10:28	II100311-1	1.001		1.004	mg/L	100.3	95	105			
WG279439ICB	ICB	03/19/10 10:31				U	mg/L		-0.03	0.03			
WG279439PQV	PQV	03/19/10 10:35	II100311-6	.025		.028	mg/L	112	70	130			
WG279439SIC	SIC	03/19/10 10:38	II100315-1	.1		.088	mg/L	88	80	120			
WG279439LFB	LFB	03/19/10 10:45	II100302-2	.5		.527	mg/L	105.4	85	115			
WG279439CCV1	CCV	03/19/10 11:08	II100311-2	.5005		.523	mg/L	104.5	90	110			
WG279439CCB1	CCB	03/19/10 11:11				U	mg/L		-0.03	0.03			
L81063-10AS	AS	03/19/10 11:37	II100302-2	.5	U	.328	mg/L	65.6	85	115			M2 ZA
L81063-10ASD	ASD	03/19/10 11:40	II100302-2	.5	U	.338	mg/L	67.6	85	115	3	20	M2 ZA
WG279439CCV2	CCV	03/19/10 11:47	II100311-2	.5005		.53	mg/L	105.9	90	110			
WG279439CCB2	CCB	03/19/10 11:50				U	mg/L		-0.03	0.03			
WG279439CCV3	CCV	03/19/10 12:03	II100311-2	.5005		.539	mg/L	107.7	90	110			
WG279439CCB3	CCB	03/19/10 12:07				U	mg/L		-0.03	0.03			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	1.001		.991	mg/L	99	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.03	0.03			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.025		.03	mg/L	120	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	.1		.11	mg/L	110	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	.5		.543	mg/L	108.6	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	.5	U	.428	mg/L	85.6	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	.5	U	.426	mg/L	85.2	85	115	0.47	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	.5005		.504	mg/L	100.7	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.03	0.03			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	.5005		.499	mg/L	99.7	90	110			
WG279461CCB2	CCB	03/19/10 17:53				U	mg/L		-0.03	0.03			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	.5005		.505	mg/L	100.9	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	100		98.53	mg/L	98.5	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.9	0.9			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	1.5		1.59	mg/L	106	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	1.5		1.55	mg/L	103.3	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	100.018		105.79	mg/L	105.8	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	50		49.51	mg/L	99	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.9	0.9			
L81063-10AS	AS	03/18/10 23:26	II100302-2	100.018	U	105.93	mg/L	105.9	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	100.018	U	104.24	mg/L	104.2	85	115	1.61	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	50		48.99	mg/L	98	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.9	0.9			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	50		49.59	mg/L	99.2	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.9	0.9			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	100		97.89	mg/L	97.9	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.9	0.9			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	1.5		1.65	mg/L	110	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	1.5		1.53	mg/L	102	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	100.018		103.04	mg/L	103	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	100.018	439	520.72	mg/L	81.7	85	115			M3
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	100.018	439	515.06	mg/L	76	85	115	1.09	20	M3
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	50		50.67	mg/L	101.3	90	110			
WG279461CCB1	CCB	03/19/10 17:17				.31	mg/L		-0.9	0.9			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	50		50.28	mg/L	100.6	90	110			
WG279461CCB2	CCB	03/19/10 17:53				.31	mg/L		-0.9	0.9			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	50		50.53	mg/L	101.1	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Sulfate 375.4 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279754													
WG279754ICB	ICB	03/25/10 14:08				U	mg/L		-3	3			
WG279754ICV	ICV	03/25/10 14:08	WI100319-5	20.08		19.2	mg/L	95.6	90	110			
WG279754CCV1	CCV	03/25/10 15:41	WI100319-6	25		24.9	mg/L	99.6	90	110			
WG279754CCB1	CCB	03/25/10 15:41				U	mg/L		-3	3			
WG279754LFB	LFB	03/25/10 15:41	WI091020-3	10		9.5	mg/L	95	90	110			
L81080-01DUP	DUP	03/25/10 15:41			25	24.5	mg/L				2	20	
L81081-01AS	AS	03/25/10 15:41	WI091020-3	10	25	38.6	mg/L	136	90	110			M1
WG279754CCV2	CCV	03/25/10 15:43	WI100319-6	25		24.7	mg/L	98.8	90	110			
WG279754CCB2	CCB	03/25/10 15:43				U	mg/L		-3	3			
WG279754CCV3	CCV	03/25/10 15:44	WI100319-6	25		24.3	mg/L	97.2	90	110			
WG279754CCB3	CCB	03/25/10 15:44				U	mg/L		-3	3			
WG279754CCV4	CCV	03/25/10 15:46	WI100319-6	25		24.3	mg/L	97.2	90	110			
WG279754CCB4	CCB	03/25/10 15:46				U	mg/L		-3	3			
WG279754CCV5	CCV	03/25/10 15:48	WI100319-6	25		24.3	mg/L	97.2	90	110			
WG279754CCB5	CCB	03/25/10 15:48				U	mg/L		-3	3			
WG279754CCV6	CCV	03/25/10 15:52	WI100319-6	25		24.2	mg/L	96.8	90	110			
WG279754CCB6	CCB	03/25/10 15:52				U	mg/L		-3	3			
WG279754CCV7	CCV	03/25/10 15:58	WI100319-6	25		24.5	mg/L	98	90	110			
WG279754CCB7	CCB	03/25/10 15:58				U	mg/L		-3	3			
WG279754CCV8	CCV	03/25/10 15:59	WI100319-6	25		24.2	mg/L	96.8	90	110			
WG279754CCB8	CCB	03/25/10 15:59				U	mg/L		-3	3			

Thallium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279693													
WG279693ICV	ICV	03/24/10 18:12	MS100223-6	.05		.0527	mg/L	105.4	90	110			
WG279693ICB	ICB	03/24/10 18:15				U	mg/L		-0.00022	0.00022			
WG279693PQV	PQV	03/24/10 18:18	MS100317-2	.000501		.00047	mg/L	93.8	70	130			
WG279693LFB	LFB	03/24/10 18:21	MS100315-6	.0501		.05263	mg/L	105	85	115			
L81081-03AS	AS	03/24/10 18:30	MS100315-6	.0501	U	.0506	mg/L	101	70	130			
L81081-03ASD	ASD	03/24/10 18:33	MS100315-6	.0501	U	.05064	mg/L	101.1	70	130	0.08	20	
WG279693CCV1	CCV	03/24/10 18:44	MS100315-5	.1002		.09518	mg/L	95	90	110			
WG279693CCB1	CCB	03/24/10 18:47				U	mg/L		-0.0003	0.0003			
WG279693CCV2	CCV	03/24/10 19:19	MS100315-5	.1002		.0941	mg/L	93.9	90	110			
WG279693CCB2	CCB	03/24/10 19:22				U	mg/L		-0.0003	0.0003			
WG279693CCV3	CCV	03/24/10 19:45	MS100315-5	.1002		.09526	mg/L	95.1	90	110			
WG279693CCB3	CCB	03/24/10 19:48				U	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

Thallium, total M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279848													
WG279848ICV	ICV	03/29/10 15:26	MS100223-6	.05		.05255	mg/L	105.1	90	110			
WG279848ICB	ICB	03/29/10 15:29				U	mg/L		-0.0003	0.0003			
WG279722LRB	LRB	03/29/10 15:33				U	mg/L		-0.00022	0.00022			
WG279722LFB	LFB	03/29/10 15:36	MS100315-6	.0501		.0465	mg/L	92.8	85	115			
L81087-02LFM	LFM	03/29/10 15:47	MS100315-6	.0501	U	.04726	mg/L	94.3	70	130			
L81087-02LFMD	LFMD	03/29/10 15:50	MS100315-6	.0501	U	.04796	mg/L	95.7	70	130	1.47	20	
WG279848CCV1	CCV	03/29/10 16:04	MS100315-5	.1002		.102	mg/L	101.8	90	110			
WG279848CCB1	CCB	03/29/10 16:07				U	mg/L		-0.0003	0.0003			
WG279848CCV2	CCV	03/29/10 16:45	MS100315-5	.1002		.1019	mg/L	101.7	90	110			
WG279848CCB2	CCB	03/29/10 16:49				U	mg/L		-0.0003	0.0003			
WG279848CCB3	CCB	03/29/10 17:20				U	mg/L		-0.0003	0.0003			

Uranium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279604													
WG279604ICV	ICV	03/23/10 22:38	MS100223-6	.05		.05437	mg/L	108.7	90	110			
WG279604ICB	ICB	03/23/10 22:40				U	mg/L		-0.00022	0.00022			
WG279604PQV	PQV	03/23/10 22:43	MS100317-2	.0005		.00046	mg/L	92	70	130			
WG279604LFB	LFB	03/23/10 22:46	MS100315-6	.05		.04436	mg/L	88.7	85	115			
L81081-03AS	AS	03/23/10 22:55	MS100315-6	.05	.0009	.04637	mg/L	90.9	70	130			
L81081-03ASD	ASD	03/23/10 22:58	MS100315-6	.05	.0009	.04673	mg/L	91.7	70	130	0.77	20	
WG279604CCV1	CCV	03/23/10 23:10	MS100315-5	.1		.1038	mg/L	103.8	90	110			
WG279604CCB1	CCB	03/23/10 23:12				.00012	mg/L		-0.0003	0.0003			
WG279604CCV2	CCV	03/23/10 23:45	MS100315-5	.1		.1041	mg/L	104.1	90	110			
WG279604CCB2	CCB	03/23/10 23:47				.00013	mg/L		-0.0003	0.0003			
WG279604CCV3	CCV	03/24/10 0:11	MS100315-5	.1		.1037	mg/L	103.7	90	110			
WG279604CCB3	CCB	03/24/10 0:14				.00017	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Vanadium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279410													
WG279410ICV	ICV	03/18/10 22:22	II100311-1	2		2.0983	mg/L	104.9	95	105			
WG279410ICB	ICB	03/18/10 22:26				U	mg/L		-0.015	0.015			
WG279410PQV	PQV	03/18/10 22:29	II100311-6	.025		.0238	mg/L	95.2	70	130			
WG279410SIC	SIC	03/18/10 22:32	II100315-1	.1		.102	mg/L	102	80	120			
WG279410LFB	LFB	03/18/10 22:38	II100302-2	.5		.5669	mg/L	113.4	85	115			
WG279410CCV1	CCV	03/18/10 23:08	II100311-2	1		1.0764	mg/L	107.6	90	110			
WG279410CCB1	CCB	03/18/10 23:11				U	mg/L		-0.015	0.015			
L81063-10AS	AS	03/18/10 23:26	II100302-2	.5	U	.5693	mg/L	113.9	85	115			
L81063-10ASD	ASD	03/18/10 23:29	II100302-2	.5	U	.5585	mg/L	111.7	85	115	1.92	20	
WG279410CCV2	CCV	03/18/10 23:45	II100311-2	1		1.0715	mg/L	107.2	90	110			
WG279410CCB2	CCB	03/18/10 23:48				U	mg/L		-0.015	0.015			
WG279410CCV3	CCV	03/19/10 0:06	II100311-2	1		1.0636	mg/L	106.4	90	110			
WG279410CCB3	CCB	03/19/10 0:09				U	mg/L		-0.015	0.015			
WG279461													
WG279461ICV	ICV	03/19/10 16:27	II100311-1	2		2.0843	mg/L	104.2	95	105			
WG279461ICB	ICB	03/19/10 16:31				U	mg/L		-0.015	0.015			
WG279461PQV	PQV	03/19/10 16:34	II100311-6	.025		.0295	mg/L	118	70	130			
WG279461SIC	SIC	03/19/10 16:37	II100315-1	.1		.0985	mg/L	98.5	80	120			
WG279461LFB	LFB	03/19/10 16:43	II100302-2	.5		.542	mg/L	108.4	85	115			
L81087-02AS	AS	03/19/10 16:49	II100302-2	.5	.007	.5591	mg/L	110.4	85	115			
L81087-02ASD	ASD	03/19/10 16:52	II100302-2	.5	.007	.5411	mg/L	106.8	85	115	3.27	20	
WG279461CCV1	CCV	03/19/10 17:14	II100311-2	1		1.0749	mg/L	107.5	90	110			
WG279461CCB1	CCB	03/19/10 17:17				U	mg/L		-0.015	0.015			
WG279461CCV2	CCV	03/19/10 17:50	II100311-2	1		1.0736	mg/L	107.4	90	110			
WG279461CCB2	CCB	03/19/10 17:53				.005	mg/L		-0.015	0.015			
WG279461CCV3	CCV	03/19/10 18:12	II100311-2	1		1.0705	mg/L	107.1	90	110			
WG279461CCB3	CCB	03/19/10 18:15				U	mg/L		-0.015	0.015			

Zinc, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG279693													
WG279693ICV	ICV	03/24/10 18:12	MS100223-6	.05		.0516	mg/L	103.2	90	110			
WG279693ICB	ICB	03/24/10 18:15				U	mg/L		-0.0044	0.0044			
WG279693PQV	PQV	03/24/10 18:18	MS100317-2	.005008		.005	mg/L	99.8	70	130			
WG279693LFB	LFB	03/24/10 18:21	MS100315-6	.05008		.0512	mg/L	102.2	85	115			
L81081-03AS	AS	03/24/10 18:30	MS100315-6	.05008	.017	.0667	mg/L	99.2	70	130			
L81081-03ASD	ASD	03/24/10 18:33	MS100315-6	.05008	.017	.0668	mg/L	99.4	70	130	0.15	20	
WG279693CCV1	CCV	03/24/10 18:44	MS100315-5	.5008		.4995	mg/L	99.7	90	110			
WG279693CCB1	CCB	03/24/10 18:47				U	mg/L		-0.006	0.006			
WG279693CCV2	CCV	03/24/10 19:19	MS100315-5	.5008		.5093	mg/L	101.7	90	110			
WG279693CCB2	CCB	03/24/10 19:22				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L81087-01	WG279439	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.
	WG279854	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279333	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).
	WG279449	Lab Filtration & Acidification	SM 3030 B	N1	See Case Narrative.
	WG279304	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).
			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).
		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).
			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).
	WG279233	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).
	WG279754	Sulfate	375.4 - Turbidimetric	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
L81087-02	WG279461	Barium, dissolved	M200.7 ICP	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
		Sodium, 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.
	WG279854	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279333	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).
	WG279449	Lab Filtration & Acidification	SM 3030 B	N1	See Case Narrative.
	WG279304	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).
			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).
		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).
			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).
	WG279233	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).
	WG279754	Sulfate	375.4 - Turbidimetric	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L81087-03	WG279461	Sodium, 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.
	WG279854	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279333	Fluoride	SM4500F-C	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			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).
	WG279449	Lab Filtration & Acidification	SM 3030 B	N1	See Case Narrative.
	WG279304	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).
			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).
		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).
			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).
	WG279233	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).
	WG279754	Sulfate	375.4 - Turbidimetric	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L81087-01***
Date Sampled: *03/10/10 11:20*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	03/29/10 11:17		2.1	1.9	2.2	pCi/L	*	mwm

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	03/30/10 13:49		0.0	1.9	6.4	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	03/24/10 10:39		1.8	1.5	4.9	pCi/L	*	mtb

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:09		0.13	0.16	0.69	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:09		0.98	0.5	1.5	pCi/L	*	jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	03/25/10 13:15		0.37	0.45	1.3	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

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RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L81087-01***
Date Sampled: *03/10/10 11:20*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	03/25/10 13:15		1.1	0.8	2.3	pCi/L	*	jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:25		0.32	0.31	0.21	pCi/L	*	dhc
Thorium 230	03/26/10 19:25		0.23	0.31	0.55	pCi/L	*	dhc
Thorium 232	03/26/10 19:25		0.19	0.19	0.21	pCi/L	*	dhc

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:09		0.15	0.29	0.22	pCi/L	*	dhc
Thorium 230	03/26/10 19:09		0.31	0.44	0.58	pCi/L	*	dhc
Thorium 232	03/26/10 19:09		0.0	0.15	0.22	pCi/L	*	dhc

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-DOWN
Locator:

ACZ Sample ID: ***L81087-02***
Date Sampled: *03/10/10 12:12*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	03/29/10 11:18		4.8	5	5.1	pCi/L	*	mwm

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	03/30/10 13:49		0.0	1.6	5.5	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	03/24/10 10:39		0.0	1.5	4.9	pCi/L	*	mtb

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:10		0.49	0.26	0.78	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:10		0.84	0.45	1.5	pCi/L	*	jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	03/25/10 13:15		0.74	0.48	1.3	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-DOWN
Locator:

ACZ Sample ID: ***L81087-02***
Date Sampled: *03/10/10 12:12*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	03/25/10 13:15		2.3	1.1	2.6	pCi/L	*	jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:27		0.2	0.36	0.22	pCi/L	*	dhc
Thorium 230	03/26/10 19:27		0.29	0.38	0.59	pCi/L	*	dhc
Thorium 232	03/26/10 19:27		0.18	0.18	0.22	pCi/L	*	dhc

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:11		-0.03	0.23	0.22	pCi/L	*	dhc
Thorium 230	03/26/10 19:11		0.0	0.35	0.58	pCi/L	*	dhc
Thorium 232	03/26/10 19:11		-0.02	0.09	0.22	pCi/L	*	dhc

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L81087-03***
Date Sampled: *03/10/10 14:18*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	03/29/10 11:20		2.7	2.5	2.3	pCi/L	*	mwm

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	03/30/10 13:49		0.0	1.6	5.4	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	03/24/10 10:39		0.0	1.6	5.4	pCi/L	*	mtb

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:12		0.18	0.19	0.73	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	03/30/10 16:12		0.8	0.46	1.5	pCi/L	*	jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	03/25/10 13:15		1.1	0.49	1.3	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
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RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINION RIDGE
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L81087-03***
Date Sampled: *03/10/10 14:18*
Date Received: *03/12/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	03/25/10 13:15		1.8	1	2.5	pCi/L	*	jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:28		0.26	0.29	0.2	pCi/L	*	dhc
Thorium 230	03/26/10 19:28		-0.03	0.36	0.52	pCi/L	*	dhc
Thorium 232	03/26/10 19:28		0.07	0.16	0.2	pCi/L	*	dhc

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	03/26/10 19:12		0.0	0.39	0.32	pCi/L	*	dhc
Thorium 230	03/26/10 19:12		-0.23	0.43	0.83	pCi/L	*	dhc
Thorium 232	03/26/10 19:12		0.04	0.13	0.32	pCi/L	*	dhc

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

Gross Alpha, dissolved M9310 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG279948																
WG279793PBW	PBW	03/29/10						-.02	1.1	1.4			2.8			
WG279793LCSW	LCSW	03/29/10	RC091218-1	81.06				100	8.6	1.4	123.4	57	133			
L81081-01DUP	DUP-RER	03/29/10			0.44	1.8	2.1	2.4	2.2	2				0.69	2	
L81098-02DUP	DUP-RER	03/29/10			-0.48	1.3	1.8	3.8	2.4	1.8				1.57	2	
L81098-03MS	MS	03/29/10	RC091218-1	81.06	1.3	1.6	1.6	79	8.2	1.7	95.9	57	133			

Lead 210, dissolved EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG279985																
WG279708LCSW	LCSW	03/30/10	RC090330-1	77.99				39	2.5	5.7	50	47	102			
WG279708PBW	PBW	03/30/10						0	1.6	5.3			10.6			
L81087-01MS	MS	03/30/10	RC090330-1	77.99	0	1.9	6.4	41	2.6	6	52.6	47	102			
L81202-01DUP	DUP-RER	03/30/10			0	1.7	5.6	0	1.7	5.8				0	2	

Lead 210, total EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG279726																
WG279374PBW	PBW	03/24/10						0	1.4	4.8			9.6			
WG279374LCSW	LCSW	03/24/10	RC090330-1	78.03				48	2.2	4.2	61.5	47	102			
L81053-01DUP	DUP-RER	03/24/10			1.7	1.5	5.1	0	1.6	5.4				0.78	2	
L81053-02MS	MS	03/24/10	RC090330-1	78.03	0.01	1.5	5.2	47	2.7	5.9	60.2	47	102			
L81089-10DUP	DUP-RER	03/24/10			1.3	1.4	4.6	0	1.5	5				0.63	2	

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
WG279968																
WG279832PBW	PBW	03/30/10						0	0.12	0.74			1.48			
WG279832LCSW	LCSW	03/30/10	RC100111-3	23.92				20	1.5	0.95	83.6	74	123			
L81085-03DUP	DUP-RER	03/30/10			0.59	0.2	0.52	.43	0.19	0.51				0.58	2	
L81088-01DUP	DUP-RER	03/30/10			0.15	0.17	0.68	.07	0.13	0.67				0.37	2	
L81085-05MS	MS	03/30/10	RC100111-3	23.92	0.54	0.2	0.53	12	0.85	0.52	47.9	74	123			M2

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
WG279967																
WG279832PBW	PBW	03/30/10						0	0.12	0.74			1.48			
WG279832LCSW	LCSW	03/30/10	RC100111-3	23.92				20	1.5	0.95	83.6	74	123			
L81085-03DUP	DUP-RER	03/30/10			0.59	0.2	0.52	.43	0.19	0.51				0.58	2	
L81088-01DUP	DUP-RER	03/30/10			0.15	0.17	0.68	.07	0.13	0.67				0.37	2	
L81085-05MS	MS	03/30/10	RC100111-3	23.92	0.54	0.2	0.53	12	0.85	0.52	47.9	74	123			M2

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

Project ID: PINION RIDGE

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
WG279869																
WG279579PBW	PBW	03/25/10						.78	0.48	1.3			2.6			
WG279579LCSW	LCSW	03/25/10	RC081219-1	12.93				6.8	0.82	1.3	52.6	49	132			
L81087-03MS	MS	03/25/10	RC081219-1	12.93	1.1	0.49	1.3	7.3	0.86	1.3	48	49	132			M2
L81088-05DUP	DUP-RER	03/25/10			0.34	0.39	1.2	.26	0.38	1.2				0.15	2	
L81086-06DUP	DUP-RER	03/25/10			1.4	0.51	1.3	.33	0.41	1.3				1.63	2	

Radium 228, total M904.0 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG279868																
WG279579LCSW	LCSW	03/25/10	RC081219-1	12.93				6.8	0.82	1.3	52.6	49	132			
WG279579PBW	PBW	03/25/10						.78	0.48	1.3			2.6			
L81086-06DUP	DUP-RER	03/25/10			1.4	0.51	1.3	.33	0.41	1.3				1.63	2	

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
WG280014																
WG279561PBW	PBW	03/26/10						.05	0.26	0.22			0.44			
L81089-02DUP	DUP-RER	03/26/10			0.26	0.27	0.21	-.08	0.24	0.24				0.94	2	
WG280017																
WG279561PBW	PBW	03/26/10						.05	0.26	0.22			0.44			
L81089-02DUP	DUP-RER	03/26/10			0.26	0.27	0.21	-.08	0.24	0.24				0.94	2	
L81087-02DUP	DUP-RER	03/26/10			0.2	0.36	0.22	.24	0.31	0.21				0.08	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
WG280014																
WG279561PBW	PBW	03/26/10						-.06	0.26	0.56			1.12			
WG279561LCSW	LCSW	03/26/10	RC091215-1	162.12				170	4.5	0.6	104.9	91	119			
L81089-02DUP	DUP-RER	03/26/10			0.2	0.27	0.54	-.15	0.34	0.62				0.81	2	
L81089-08MS	MS	03/26/10	RC091215-1	162.12	-0.01	0.24	0.6	170	4.6	0.64	104.9	91	119			
WG280017																
WG279561PBW	PBW	03/26/10						-.06	0.26	0.56			1.12			
WG279561LCSW	LCSW	03/26/10	RC091215-1	162.12				170	4.5	0.6	104.9	91	119			
L81089-02DUP	DUP-RER	03/26/10			0.2	0.27	0.54	-.15	0.34	0.62				0.81	2	
L81087-02DUP	DUP-RER	03/26/10			0.29	0.38	0.59	.27	0.36	0.56				0.04	2	
L81089-08MS	MS	03/26/10	RC091215-1	162.12	-0.01	0.24	0.6	170	4.6	0.64	104.9	91	119			

Radiochemistry QC Summary

Energy Fuels Resources Corporation
Project ID: PINION RIDGE

ACZ Project ID: ***L81087***

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
WG280014																
WG279561PBW	PBW	03/26/10						0	0.13	0.22			0.44			
L81089-02DUP	DUP-RER	03/26/10			0.14	0.12	0.21	-.03	0.1	0.24				1.09	2	
WG280017																
WG279561PBW	PBW	03/26/10						0	0.13	0.22			0.44			
L81089-02DUP	DUP-RER	03/26/10			0.14	0.12	0.21	-.03	0.1	0.24				1.09	2	
L81087-02DUP	DUP-RER	03/26/10			0.18	0.18	0.22	.19	0.16	0.21				0.04	2	

Energy Fuels Resources Corporation ACZ Project ID: ***L81087***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L81087-01	WG279948	Gross Alpha, dissolved	M9310	N1	See Case Narrative.
	WG279985	Lead 210, dissolved	EICHROM, OTW01	N1	See Case Narrative.
	WG279968	Radium 226 + Alpha Emitting Radium Isotopes, disso	M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M903.0	N1	See Case Narrative.
	WG279967	Radium 226 + Alpha Emitting Radium Isotopes, total	M903.0	DF	Sample required dilution due to high sediment.
			M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279869	Radium 228, dissolved	M904.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M904.0	N1	See Case Narrative.
	WG279868	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
			M904.0	N1	See Case Narrative.
	WG280014	Thorium 228	ESM 4506	N1	See Case Narrative.
		Thorium 230	ESM 4506	N1	See Case Narrative.
		Thorium 232	ESM 4506	N1	See Case Narrative.
L81087-02	WG279948	Gross Alpha, dissolved	M9310	N1	See Case Narrative.
	WG279985	Lead 210, dissolved	EICHROM, OTW01	N1	See Case Narrative.
	WG279968	Radium 226 + Alpha Emitting Radium Isotopes, disso	M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M903.0	N1	See Case Narrative.
	WG279967	Radium 226 + Alpha Emitting Radium Isotopes, total	M903.0	DF	Sample required dilution due to high sediment.
			M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279869	Radium 228, dissolved	M904.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M904.0	N1	See Case Narrative.
	WG279868	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
			M904.0	N1	See Case Narrative.
	WG280014	Thorium 228	ESM 4506	N1	See Case Narrative.
		Thorium 230	ESM 4506	N1	See Case Narrative.
		Thorium 232	ESM 4506	N1	See Case Narrative.
L81087-03	WG279948	Gross Alpha, dissolved	M9310	N1	See Case Narrative.
	WG279985	Lead 210, dissolved	EICHROM, OTW01	N1	See Case Narrative.
	WG279968	Radium 226 + Alpha Emitting Radium Isotopes, disso	M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M903.0	N1	See Case Narrative.
	WG279967	Radium 226 + Alpha Emitting Radium Isotopes, total	M903.0	DF	Sample required dilution due to high sediment.
			M903.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG279869	Radium 228, dissolved	M904.0	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
			M904.0	N1	See Case Narrative.
	WG279868	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
			M904.0	N1	See Case Narrative.
	WG280014	Thorium 228	ESM 4506	N1	See Case Narrative.
		Thorium 230	ESM 4506	N1	See Case Narrative.
		Thorium 232	ESM 4506	N1	See Case Narrative.

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.	
Lead 210, dissolved	EICHROM, OTW01
Lead 210, total	EICHROM, OTW01
Thorium 228	ESM 4506
Thorium 230	ESM 4506
Thorium 232	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

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
PINION RIDGE

ACZ Project ID: L81087
Date Received: 03/12/2010 08:45
Received By: ges
Date Printed: 3/12/2010

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) Are the trip blanks (VOA and/or Cyanide) present?			X
12) Are samples requiring no headspace, headspace free?			X
13) Do the samples that require a Foreign Soils Permit have one?			

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)
1870		1.7	12
2364		1.3	13
2398		0.6	12

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

Notes

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
PINION RIDGE

ACZ Project ID: L81087
Date Received: 03/12/2010 08:45
Received By: ges
Date Printed: 3/12/2010

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
L81087-01	DR-UP	Y			Y							
L81087-02	DR-DOWN	Y			Y							
L81087-03	DR-MID	Y			Y							

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: ges

ACZ Laboratories, Inc. L81087

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Zach Rogers
Company: Energy Fuels Resources
E-mail: z.rogers@energyfuels.com
Address: 44 Union Blvd Suite 600
Lakewood, CO 80228
Telephone: 303-974-2151

Copy of Report to:

Name:
Company:
E-mail:
Telephone:

Invoice to:

Name: Same as above
Company:
E-mail:
Address: Same as above
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

YES Yes
NO Yes

PROJECT INFORMATION

Quote #: SW-TBL-4-Full
Project/PO #: Piñon Ridge
Reporting state for compliance testing: No
Sampler's Name: Jess W Fulbright
Are any samples NRC licensable material? No

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	sw-tbl-4-Full	Major Ions						
DR-Up	3-10-10:1120	SW	9	X	X						
DR-Down	3-10-10:1212	SW	9	X	X						
DR-Mid	3-10-10:1418	SW	9	X	X						

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other

REMARKS/ SAMPLE DISCLOSURES

Field filtering not possible, all samples must be filtered in lab.
All times are mountain standard time. Three separate coolers.

PAGE 1 of 1

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Jess W Fulbright	3-11-10@1105		
		3-12-10	8:44

FRMAD050.03.05.02 White - Return with sample Yellow

May 12, 2010 Sampling Event

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

June 08, 2010

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: DELORES RIVER
ACZ Project ID: L82144

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on May 14, 2010. This project has been assigned to ACZ's project number, L82144. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L82144. 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 July 08, 2010. 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.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-UP

ACZ Sample ID: ***L82144-01***
Date Sampled: *05/12/10 19:10*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							05/26/10 16:11	ear

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	05/20/10 0:39	ear
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	05/28/10 9:17	erf
Arsenic, dissolved	M200.8 ICP-MS		U		mg/L	0.0005	0.002	05/28/10 9:17	erf
Barium, dissolved	M200.7 ICP	0.133		*	mg/L	0.003	0.02	05/20/10 0:39	ear
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	05/24/10 12:24	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:17	erf
Calcium, dissolved	M200.7 ICP	67.2			mg/L	0.2	1	05/20/10 0:39	ear
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	05/27/10 15:40	ear
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 0:39	ear
Iron, dissolved	M200.7 ICP	0.04	B		mg/L	0.02	0.05	05/20/10 0:39	ear
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:17	erf
Magnesium, dissolved	M200.7 ICP	20.6			mg/L	0.2	1	05/20/10 0:39	ear
Manganese, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	05/20/10 0:39	ear
Mercury, dissolved	M245.1 CVAA		U	*	mg/L	0.0002	0.001	05/25/10 23:32	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 18:29	ear
Nickel, dissolved	M200.8 ICP-MS	0.0058			mg/L	0.0006	0.003	05/28/10 9:17	erf
Potassium, dissolved	M200.7 ICP	3.5			mg/L	0.3	2	05/20/10 0:39	ear
Selenium, dissolved	M200.8 ICP-MS	0.0015			mg/L	0.0001	0.0005	05/28/10 9:17	erf
Silica, dissolved	M200.7 ICP	4.5			mg/L	0.4	2	05/20/10 0:39	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	2.1			mg/L	0.2	0.9	06/08/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	05/20/10 18:29	ear
Sodium, dissolved	M200.7 ICP	64.4			mg/L	0.3	2	05/20/10 18:29	ear
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:17	erf
Uranium, dissolved	M200.8 ICP-MS	0.0020			mg/L	0.0001	0.0005	05/28/10 9:17	erf
Vanadium, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	05/20/10 18:29	ear
Zinc, dissolved	M200.8 ICP-MS	0.003	B		mg/L	0.002	0.005	05/28/10 9:17	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-UP

ACZ Sample ID: ***L82144-01***
Date Sampled: *05/12/10 19:10*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		132			mg/L	2	20	05/19/10 0:00	lhb
Carbonate as CaCO3		7	B		mg/L	2	20	05/19/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	05/19/10 0:00	lhb
Total Alkalinity		139			mg/L	2	20	05/19/10 0:00	lhb
Chloride	SM4500Cl-E	65			mg/L	1	5	05/25/10 13:42	aml
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	05/19/10 16:02	jjc
Lab Filtration	SM 3030 B			*				05/15/10 10:53	lhb
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 16:00	ear
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 8:00	mtb
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved		U	*	mg/L	0.02	0.1	05/29/10 17:09	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	05/19/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	05/19/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	460			mg/L	10	20	05/15/10 12:50	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	138		*	mg/L	5	20	05/17/10 12:52	lhb
Sulfate	375.4 - Turbidimetric	150		*	mg/L	5	30	05/24/10 15:38	aml

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-MID

ACZ Sample ID: ***L82144-02***
Date Sampled: *05/12/10 17:48*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							05/26/10 16:52	ear

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.06	B		mg/L	0.03	0.2	05/20/10 0:49	ear
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	05/28/10 9:20	erf
Arsenic, dissolved	M200.8 ICP-MS		U		mg/L	0.0005	0.002	05/28/10 9:20	erf
Barium, dissolved	M200.7 ICP	0.125			mg/L	0.003	0.02	05/20/10 18:39	ear
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	05/24/10 12:27	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:20	erf
Calcium, dissolved	M200.7 ICP	68.2			mg/L	0.2	1	05/20/10 0:49	ear
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	05/27/10 15:51	ear
Copper, dissolved	M200.7 ICP	0.01	B		mg/L	0.01	0.05	05/20/10 0:49	ear
Iron, dissolved	M200.7 ICP	0.06			mg/L	0.02	0.05	05/20/10 0:49	ear
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:20	erf
Magnesium, dissolved	M200.7 ICP	21.2			mg/L	0.2	1	05/20/10 0:49	ear
Manganese, dissolved	M200.7 ICP	0.006	B		mg/L	0.005	0.03	05/20/10 0:49	ear
Mercury, dissolved	M245.1 CVAA		U	*	mg/L	0.0002	0.001	05/25/10 23:34	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 18:39	ear
Nickel, dissolved	M200.8 ICP-MS	0.0025	B		mg/L	0.0006	0.003	05/28/10 9:20	erf
Potassium, dissolved	M200.7 ICP	4.1			mg/L	0.3	2	05/20/10 0:49	ear
Selenium, dissolved	M200.8 ICP-MS	0.0013			mg/L	0.0001	0.0005	05/28/10 9:20	erf
Silica, dissolved	M200.7 ICP	4.8			mg/L	0.4	2	05/20/10 0:49	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	2.2			mg/L	0.2	0.9	06/08/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	05/20/10 18:39	ear
Sodium, dissolved	M200.7 ICP	71.9			mg/L	0.3	2	05/20/10 18:39	ear
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:20	erf
Uranium, dissolved	M200.8 ICP-MS	0.0021			mg/L	0.0001	0.0005	05/28/10 9:20	erf
Vanadium, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	05/20/10 18:39	ear
Zinc, dissolved	M200.8 ICP-MS	0.003	B		mg/L	0.002	0.005	05/28/10 9:20	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-MID

ACZ Sample ID: ***L82144-02***
Date Sampled: *05/12/10 17:48*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		133			mg/L	2	20	05/19/10 0:00	lhb
Carbonate as CaCO3		8	B		mg/L	2	20	05/19/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	05/19/10 0:00	lhb
Total Alkalinity		141			mg/L	2	20	05/19/10 0:00	lhb
Chloride	SM4500Cl-E	70			mg/L	1	5	05/25/10 13:44	aml
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	05/19/10 16:09	jjc
Lab Filtration	SM 3030 B			*				05/15/10 10:54	lhb
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 16:02	ear
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 10:30	mtb
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved		U	*	mg/L	0.02	0.1	05/29/10 17:12	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	05/19/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	05/19/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	470			mg/L	10	20	05/15/10 12:52	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	90		*	mg/L	5	20	05/17/10 12:54	lhb
Sulfate	375.4 - Turbidimetric	161		*	mg/L	5	30	05/24/10 15:38	aml

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-DN

ACZ Sample ID: ***L82144-03***
Date Sampled: *05/12/10 18:32*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							05/26/10 17:05	ear

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.05	B		mg/L	0.03	0.2	05/20/10 0:52	ear
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	05/28/10 9:24	erf
Arsenic, dissolved	M200.8 ICP-MS	0.0007	B		mg/L	0.0005	0.002	05/28/10 9:24	erf
Barium, dissolved	M200.7 ICP	0.134		*	mg/L	0.003	0.02	05/20/10 0:52	ear
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	05/24/10 12:37	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:24	erf
Calcium, dissolved	M200.7 ICP	71.3			mg/L	0.2	1	05/20/10 0:52	ear
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	05/27/10 15:54	ear
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 0:52	ear
Iron, dissolved	M200.7 ICP	0.03	B		mg/L	0.02	0.05	05/20/10 0:52	ear
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:24	erf
Magnesium, dissolved	M200.7 ICP	25.8			mg/L	0.2	1	05/20/10 0:52	ear
Manganese, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	05/20/10 0:52	ear
Mercury, dissolved	M245.1 CVAA		U	*	mg/L	0.0002	0.001	05/25/10 23:37	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 18:42	ear
Nickel, dissolved	M200.8 ICP-MS	0.0030			mg/L	0.0006	0.003	05/28/10 9:24	erf
Potassium, dissolved	M200.7 ICP	13.8			mg/L	0.3	2	05/20/10 0:52	ear
Selenium, dissolved	M200.8 ICP-MS	0.0012			mg/L	0.0001	0.0005	05/28/10 9:24	erf
Silica, dissolved	M200.7 ICP	4.5			mg/L	0.4	2	05/20/10 0:52	ear
Silicon, dissolved	M6010B ICP (Calc SIO2)	2.1			mg/L	0.2	0.9	06/08/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	05/20/10 18:42	ear
Sodium, dissolved	M200.7 ICP	279			mg/L	0.3	2	05/20/10 18:42	ear
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:24	erf
Uranium, dissolved	M200.8 ICP-MS	0.0023			mg/L	0.0001	0.0005	05/28/10 9:24	erf
Vanadium, dissolved	M200.7 ICP	0.007	B		mg/L	0.005	0.03	05/20/10 18:42	ear
Zinc, dissolved	M200.8 ICP-MS	0.003	B		mg/L	0.002	0.005	05/28/10 9:24	erf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-DN

ACZ Sample ID: ***L82144-03***
Date Sampled: *05/12/10 18:32*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		135			mg/L	2	20	05/19/10 0:00	lhb
Carbonate as CaCO3		8	B		mg/L	2	20	05/19/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	05/19/10 0:00	lhb
Total Alkalinity		143			mg/L	2	20	05/19/10 0:00	lhb
Chloride	SM4500Cl-E	420			mg/L	10	50	05/25/10 13:57	aml
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	05/19/10 16:17	jjc
Lab Filtration	SM 3030 B			*				05/15/10 10:56	lhb
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 16:05	ear
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 13:00	mtb
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved		U	*	mg/L	0.02	0.1	05/29/10 17:15	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	05/19/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	05/19/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	1040			mg/L	10	20	05/15/10 12:54	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	61		*	mg/L	5	20	05/17/10 12:56	lhb
Sulfate	375.4 - Turbidimetric	183		*	mg/L	5	30	05/24/10 15:35	aml

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-DUP1

ACZ Sample ID: ***L82144-04***
Date Sampled: *05/12/10 00:00*
Date Received: *05/14/10*
Sample Matrix: *Surface 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	05/20/10 0:55	ear
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	05/28/10 9:34	erf
Arsenic, dissolved	M200.8 ICP-MS	0.0010	B		mg/L	0.0005	0.002	05/28/10 9:34	erf
Barium, dissolved	M200.7 ICP	0.131		*	mg/L	0.003	0.02	05/20/10 0:55	ear
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	05/24/10 12:40	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:34	erf
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 0:55	ear
Iron, dissolved	M200.7 ICP	0.05	B		mg/L	0.02	0.05	05/20/10 0:55	ear
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:34	erf
Manganese, dissolved	M200.7 ICP	0.006	B		mg/L	0.005	0.03	05/20/10 0:55	ear
Mercury, dissolved	M245.1 CVAA		U	*	mg/L	0.0002	0.001	05/25/10 23:39	pmc
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	05/20/10 18:45	ear
Nickel, dissolved	M200.8 ICP-MS	0.0026	B		mg/L	0.0006	0.003	05/28/10 9:34	erf
Potassium, dissolved	M200.7 ICP	13.5			mg/L	0.3	2	05/20/10 0:55	ear
Selenium, dissolved	M200.8 ICP-MS	0.0012			mg/L	0.0001	0.0005	05/28/10 9:34	erf
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	05/20/10 18:45	ear
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	05/28/10 9:34	erf
Uranium, dissolved	M200.8 ICP-MS	0.0022			mg/L	0.0001	0.0005	05/28/10 9:34	erf
Vanadium, dissolved	M200.7 ICP	0.005	B		mg/L	0.005	0.03	05/20/10 18:45	ear
Zinc, dissolved	M200.8 ICP-MS	0.003	B		mg/L	0.002	0.005	05/28/10 9:34	erf

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Lab Filtration	SM 3030 B			*				05/15/10 10:58	lhb
Lab Filtration & Acidification	SM 3030 B			*				05/17/10 16:07	ear

** Please refer to Qualifier Reports for details.*

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.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282632													
WG282632PQV	PQV	05/18/10 16:02	WC100429-8	20		28	mg/L	140	50	150			
WG282632PBW1	PBW	05/18/10 16:08				U	mg/L		-20	20			
WG282632LCSW2	LCSW	05/18/10 16:20	WC100429-9	820		813.9	mg/L	99.3	98	110			
WG282632PBW2	PBW	05/18/10 19:39				U	mg/L		-20	20			
WG282632LCSW5	LCSW	05/18/10 19:52	WC100429-9	820		809.8	mg/L	98.8	98	110			
WG282632PBW3	PBW	05/18/10 23:13				U	mg/L		-20	20			
WG282632LCSW8	LCSW	05/18/10 23:26	WC100429-9	820		813.6	mg/L	99.2	98	110			
WG282632PBW4	PBW	05/19/10 3:42				U	mg/L		-20	20			
WG282632LCSW11	LCSW	05/19/10 3:55	WC100429-9	820		818.9	mg/L	99.9	98	110			
L82146-02DUP	DUP	05/19/10 5:37			183	183.5	mg/L				0.3	20	
WG282632LCSW14	LCSW	05/19/10 7:15	WC100429-9	820		823.9	mg/L	100.5	98	110			

Aluminum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	2		1.983	mg/L	99.2	95	105			
WG282700ICB	ICB	05/19/10 23:42				.058	mg/L		-0.09	0.09			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	.15		.183	mg/L	122	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	200.15		199.462	mg/L	99.7	1	200			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	1		1.005	mg/L	100.5	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	1		.974	mg/L	97.4	90	110			
WG282700CCB1	CCB	05/20/10 0:27				.057	mg/L		-0.09	0.09			
L82144-01AS	AS	05/20/10 0:42	II100430-2	1	U	1.084	mg/L	108.4	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	1	U	1.072	mg/L	107.2	85	115	1.11	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	1		.942	mg/L	94.2	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.09	0.09			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	1		.993	mg/L	99.3	90	110			
WG282700CCB3	CCB	05/20/10 1:25				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
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.02		.0201	mg/L	100.5	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00088	0.00088			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.002		.00227	mg/L	113.5	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.01		.0098	mg/L	98	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.01	U	.00931	mg/L	93.1	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.01	U	.00956	mg/L	95.6	70	130	2.65	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.0125		.01235	mg/L	98.8	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0012	0.0012			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.01	U	.00933	mg/L	93.3	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.01	U	.00938	mg/L	93.8	70	130	0.53	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.0125		.01225	mg/L	98	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0012	0.0012			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.0125		.0122	mg/L	97.6	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.0012	0.0012			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.04898	mg/L	98	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.0011	0.0011			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.002002		.00169	mg/L	84.4	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05005		.04548	mg/L	90.9	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05005	.0074	.05391	mg/L	92.9	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05005	.0074	.05362	mg/L	92.3	70	130	0.54	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.25025		.2513	mg/L	100.4	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0015	0.0015			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05005	.0007	.04827	mg/L	95	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05005	.0007	.04828	mg/L	95.1	70	130	0.02	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.25025		.2468	mg/L	98.6	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0015	0.0015			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.25025		.2519	mg/L	100.7	90	110			
WG283244CCB3	CCB	05/28/10 10:21				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
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	2		1.9838	mg/L	99.2	95	105			
WG282700ICB	ICB	05/19/10 23:42				.0035	mg/L		-0.009	0.009			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	.015		.0194	mg/L	129.3	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	.1		.0981	mg/L	98.1	80	120			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	.5		.4994	mg/L	99.9	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	1		1.0117	mg/L	101.2	90	110			
WG282700CCB1	CCB	05/20/10 0:27				.0121	mg/L		-0.009	0.009			BB
L82144-01AS	AS	05/20/10 0:42	II100430-2	.5	.133	.6434	mg/L	102.1	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	.5	.133	.6286	mg/L	99.1	85	115	2.33	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	1		1.0074	mg/L	100.7	90	110			
WG282700CCB2	CCB	05/20/10 1:04				.013	mg/L		-0.009	0.009			BB
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	1		1.0145	mg/L	101.5	90	110			
WG282752													
WG282752ICV	ICV	05/20/10 17:30	II100510-1	2		1.9408	mg/L	97	95	105			
WG282752ICB	ICB	05/20/10 17:33				.0059	mg/L		-0.009	0.009			
WG282752PQV	PQV	05/20/10 17:36	II100421-2	.015		.0158	mg/L	105.3	70	130			
WG282752SIC	SIC	05/20/10 17:39	II100507-1	.1		.0978	mg/L	97.8	80	120			
WG282752LFB	LFB	05/20/10 17:46	II100518-2	.5		.501	mg/L	100.2	85	115			
L82142-01AS	AS	05/20/10 17:53	II100518-2	.5	.024	.501	mg/L	95.4	85	115			
L82142-01ASD	ASD	05/20/10 17:56	II100518-2	.5	.024	.5199	mg/L	99.2	85	115	3.7	20	
WG282752CCV1	CCV	05/20/10 18:09	II100510-2	1		1.0033	mg/L	100.3	90	110			
WG282752CCB1	CCB	05/20/10 18:12				U	mg/L		-0.009	0.009			
L82144-01AS	AS	05/20/10 18:32	II100518-2	.5	.133	.6422	mg/L	101.8	85	115			
L82144-01ASD	ASD	05/20/10 18:35	II100518-2	.5	.133	.6581	mg/L	105	85	115	2.45	20	
WG282752CCV2	CCV	05/20/10 18:48	II100510-2	1		1.0077	mg/L	100.8	90	110			
WG282752CCB2	CCB	05/20/10 18:52				.003	mg/L		-0.009	0.009			
WG282752CCV3	CCV	05/20/10 19:15	II100510-2	1		1.0244	mg/L	102.4	90	110			
WG282752CCB3	CCB	05/20/10 19:18				U	mg/L		-0.009	0.009			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Beryllium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282827													
WG282827ICV2	ICV	05/24/10 11:35	II100510-1	2		1.9247	mg/L	96.2	95	105			
WG282827ICB1	ICB	05/24/10 11:38				.0049	mg/L		-0.006	0.006			
WG282827PQV1	PQV	05/24/10 11:41	II100421-2	.01		.0101	mg/L	101	70	130			
WG282827SIC	SIC	05/24/10 11:45	II100507-1	.1		.0938	mg/L	93.8	80	120			
WG282827LFB	LFB	05/24/10 11:51	II100518-2	.5		.4779	mg/L	95.6	85	115			
L82142-02AS	AS	05/24/10 12:01	II100518-2	.5	U	.4641	mg/L	92.8	85	115			
L82142-02ASD	ASD	05/24/10 12:04	II100518-2	.5	U	.4736	mg/L	94.7	85	115	2.03	20	
WG282827CCV1	CCV	05/24/10 12:14	II100510-2	1		.9854	mg/L	98.5	90	110			
WG282827CCB1	CCB	05/24/10 12:17				.0024	mg/L		-0.006	0.006			
L82144-02AS	AS	05/24/10 12:31	II100518-2	.5	U	.4664	mg/L	93.3	85	115			
L82144-02ASD	ASD	05/24/10 12:34	II100518-2	.5	U	.4723	mg/L	94.5	85	115	1.26	20	
WG282827CCV2	CCV	05/24/10 12:50	II100510-2	1		.9806	mg/L	98.1	90	110			
WG282827CCB2	CCB	05/24/10 12:54				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
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.0501	mg/L	100.2	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00022	0.00022			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.0005005		.0005	mg/L	99.9	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05005		.04891	mg/L	97.7	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05005	U	.04809	mg/L	96.1	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05005	U	.04861	mg/L	97.1	70	130	1.08	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.1001		.09868	mg/L	98.6	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0003	0.0003			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05005	U	.04741	mg/L	94.7	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05005	U	.04698	mg/L	93.9	70	130	0.91	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.1001		.09864	mg/L	98.5	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0003	0.0003			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.1001		.09711	mg/L	97	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.0003	0.0003			

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	100		99.47	mg/L	99.5	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.6	0.6			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	1		1	mg/L	100	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	200.94		203.26	mg/L	101.2	1	200			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	67.99734		70.29	mg/L	103.4	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	50		47.97	mg/L	95.9	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.6	0.6			
L82144-01AS	AS	05/20/10 0:42	II100430-2	67.99734	67.2	140.61	mg/L	108	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	67.99734	67.2	138.47	mg/L	104.8	85	115	1.53	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	50		48.79	mg/L	97.6	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.6	0.6			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	50		48.52	mg/L	97	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283027													
WG283027ICB	ICB	05/25/10 10:48				U	mg/L		-3	3			
WG283027ICV	ICV	05/25/10 10:48	WI091019-2	54.835		57.8	mg/L	105.4	90	110			
WG283027CCV1	CCV	05/25/10 13:40	WI091019-3	50		53.1	mg/L	106.2	90	110			
WG283027CCB1	CCB	05/25/10 13:40				U	mg/L		-3	3			
WG283027LFB1	LFB	05/25/10 13:40	WI100217-3	30		31.7	mg/L	105.7	90	110			
WG283027CCV2	CCV	05/25/10 13:42	WI091019-3	50		53.8	mg/L	107.6	90	110			
WG283027CCB2	CCB	05/25/10 13:42				U	mg/L		-3	3			
L82142-04AS	AS	05/25/10 13:42	WI100217-3	30	22	52.9	mg/L	103	90	110			
L82143-01DUP	DUP	05/25/10 13:42			23	22.7	mg/L				1.3	20	
WG283027CCV3	CCV	05/25/10 13:43	WI091019-3	50		53.8	mg/L	107.6	90	110			
WG283027CCB3	CCB	05/25/10 13:44				U	mg/L		-3	3			
WG283027LFB2	LFB	05/25/10 13:44	WI100217-3	30		32.1	mg/L	107	90	110			
WG283027CCV4	CCV	05/25/10 13:49	WI091019-3	50		53.6	mg/L	107.2	90	110			
WG283027CCB4	CCB	05/25/10 13:49				U	mg/L		-3	3			
WG283027CCV5	CCV	05/25/10 13:51	WI091019-3	50		53.8	mg/L	107.6	90	110			
WG283027CCB5	CCB	05/25/10 13:51				U	mg/L		-3	3			
WG283027CCV6	CCV	05/25/10 13:52	WI091019-3	50		53.5	mg/L	107	90	110			
WG283027CCB6	CCB	05/25/10 13:52				U	mg/L		-3	3			
WG283027CCV7	CCV	05/25/10 13:58	WI091019-3	50		53.7	mg/L	107.4	90	110			
WG283027CCB7	CCB	05/25/10 13:58				U	mg/L		-3	3			
WG283027CCV8	CCV	05/25/10 14:08	WI091019-3	50		53.4	mg/L	106.8	90	110			
WG283027CCB8	CCB	05/25/10 14:08				U	mg/L		-3	3			
WG283027CCV9	CCV	05/25/10 14:08	WI091019-3	50		53.1	mg/L	106.2	90	110			
WG283027CCB9	CCB	05/25/10 14:08				U	mg/L		-3	3			

Chromium, total M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283203													
WG283203ICV	ICV	05/27/10 15:16	II100510-3	2		1.918	mg/L	95.9	95	105			
WG283203ICB	ICB	05/27/10 15:20				U	mg/L		-0.03	0.03			
WG283203PQV	PQV	05/27/10 15:23	II100524-2	.05		.05	mg/L	100	70	130			
WG283203SIC	SIC	05/27/10 15:27	II100507-1	.1		.086	mg/L	86	80	120			
WG283095LRB	LRB	05/27/10 15:34				U	mg/L		-0.022	0.022			
WG283095LFB	LFB	05/27/10 15:37	II100518-2	.5		.521	mg/L	104.2	85	115			
L82144-01LFM	LFM	05/27/10 15:44	II100518-2	.5	U	.521	mg/L	104.2	70	130			
L82144-01LFMD	LFMD	05/27/10 15:47	II100518-2	.5	U	.514	mg/L	102.8	70	130	1.35	20	
WG283203CCV1	CCV	05/27/10 15:58	II100510-4	1		.98	mg/L	98	90	110			
WG283203CCB1	CCB	05/27/10 16:01				U	mg/L		-0.03	0.03			
L82262-03LFM	LFM	05/27/10 16:32	II100518-2	.5	U	.495	mg/L	99	70	130			
L82262-03LFMD	LFMD	05/27/10 16:36	II100518-2	.5	U	.511	mg/L	102.2	70	130	3.18	20	
WG283203CCV2	CCV	05/27/10 16:39	II100510-4	1		.997	mg/L	99.7	90	110			
WG283203CCB2	CCB	05/27/10 16:43				U	mg/L		-0.03	0.03			
WG283203CCV3	CCV	05/27/10 17:17	II100510-4	1		.986	mg/L	98.6	90	110			
WG283203CCB3	CCB	05/27/10 17:21				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	2		1.949	mg/L	97.5	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.03	0.03			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	.05		.058	mg/L	116	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	.1		.092	mg/L	92	80	120			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	.5		.505	mg/L	101	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	1		1.046	mg/L	104.6	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.03	0.03			
L82144-01AS	AS	05/20/10 0:42	II100430-2	.5	U	.569	mg/L	113.8	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	.5	U	.564	mg/L	112.8	85	115	0.88	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	1		1.059	mg/L	105.9	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.03	0.03			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	1		1.071	mg/L	107.1	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-0.03	0.03			

Fluoride SM4500F-C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282690													
WG282690ICV	ICV	05/19/10 13:10	WC100518-9	2		1.95	mg/L	97.5	95	105			
WG282690ICB	ICB	05/19/10 13:17				U	mg/L		-0.3	0.3			
WG282690PQV	PQV	05/19/10 13:24	WC100112-2	.5		.47	mg/L	94	70	130			
WG282690LFB1	LFB	05/19/10 13:30	WC100112-3	5		4.93	mg/L	98.6	90	110			
WG282690CCV1	CCV	05/19/10 14:26	WC100518-9	2		1.94	mg/L	97	90	110			
WG282690CCB1	CCB	05/19/10 14:33				U	mg/L		-0.3	0.3			
L82142-01AS	AS	05/19/10 14:57	WC100112-3	5	.4	5.2	mg/L	96	90	110			
L82142-01DUP	DUP	05/19/10 15:01			.4	.41	mg/L				2.5	20	RA
WG282690CCV2	CCV	05/19/10 15:35	WC100518-9	2		1.94	mg/L	97	90	110			
WG282690CCB2	CCB	05/19/10 15:43				U	mg/L		-0.3	0.3			
WG282690LFB2	LFB	05/19/10 16:23	WC100112-3	5		4.77	mg/L	95.4	90	110			
WG282690CCV3	CCV	05/19/10 16:45	WC100518-9	2		1.94	mg/L	97	90	110			
WG282690CCB3	CCB	05/19/10 16:53				U	mg/L		-0.3	0.3			
WG282690CCV4	CCV	05/19/10 18:02	WC100518-9	2		1.94	mg/L	97	90	110			
WG282690CCB4	CCB	05/19/10 18:10				U	mg/L		-0.3	0.3			
WG282690CCV5	CCV	05/19/10 19:33	WC100518-9	2		1.94	mg/L	97	90	110			
WG282690CCB5	CCB	05/19/10 19:41				U	mg/L		-0.3	0.3			
WG282690CCV6	CCV	05/19/10 20:03	WC100518-9	2		1.96	mg/L	98	90	110			
WG282690CCB6	CCB	05/19/10 20:11				U	mg/L		-0.3	0.3			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	2		1.979	mg/L	99	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.06	0.06			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	.05		.056	mg/L	112	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	200.05		188.271	mg/L	94.1	1	200			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	1		1.023	mg/L	102.3	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	1		1.045	mg/L	104.5	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.06	0.06			
L82144-01AS	AS	05/20/10 0:42	II100430-2	1	.04	1.17	mg/L	113	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	1	.04	1.14	mg/L	110	85	115	2.6	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	1		1.068	mg/L	106.8	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.06	0.06			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	1		1.08	mg/L	108	90	110			
WG282700CCB3	CCB	05/20/10 1:25				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
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.04734	mg/L	94.7	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00022	0.00022			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.0005005		.00039	mg/L	77.9	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05005		.04487	mg/L	89.7	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05005	.0009	.04748	mg/L	93.1	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05005	.0009	.04735	mg/L	92.8	70	130	0.27	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.25025		.2518	mg/L	100.6	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0003	0.0003			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05005	U	.04613	mg/L	92.2	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05005	U	.04569	mg/L	91.3	70	130	0.96	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.25025		.2475	mg/L	98.9	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0003	0.0003			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.25025		.2497	mg/L	99.8	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.0003	0.0003			

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	100		100.7	mg/L	100.7	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.6	0.6			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	1.001		.93	mg/L	92.9	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	201.201		210.01	mg/L	104.4	1	200			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	49.99941		51.69	mg/L	103.4	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	50		46.19	mg/L	92.4	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.6	0.6			
L82144-01AS	AS	05/20/10 0:42	II100430-2	49.99941	20.6	74.01	mg/L	106.8	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	49.99941	20.6	73.15	mg/L	105.1	85	115	1.17	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	50		47.05	mg/L	94.1	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.6	0.6			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	50		46.77	mg/L	93.5	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Manganese, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	2		1.9634	mg/L	98.2	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.015	0.015			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	.025		.0292	mg/L	116.8	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	50.025		47.8081	mg/L	95.6	1	200			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	.5		.5415	mg/L	108.3	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	1		.9628	mg/L	96.3	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.015	0.015			
L82144-01AS	AS	05/20/10 0:42	II100430-2	.5	U	.5455	mg/L	109.1	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	.5	U	.5324	mg/L	106.5	85	115	2.43	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	1		.9683	mg/L	96.8	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.015	0.015			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	1		.9725	mg/L	97.3	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-0.015	0.015			

Mercury, dissolved M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282979													
WG282979ICV	ICV	05/25/10 15:45	II100505-1	.005015		.00516	mg/L	102.9	95	105			
WG282979ICB	ICB	05/25/10 15:47				U	mg/L		-0.0002	0.0002			
WG283057													
WG283057CCV1	CCV	05/25/10 22:50	II100505-1	.005015		.00493	mg/L	98.3	90	110			
WG283057CCB1	CCB	05/25/10 22:53				U	mg/L		-0.0002	0.0002			
WG283057PQV	PQV	05/25/10 22:55	II100505-2	.001		.001	mg/L	100	70	130			
WG283057LRB	LRB	05/25/10 22:58				U	mg/L		-0.00044	0.00044			
WG283057LFB	LFB	05/25/10 23:00	II100505-4	.002		.00172	mg/L	86	85	115			
L82141-01LFM	LFM	05/25/10 23:04	II100505-4	.002	U	.00173	mg/L	86.5	85	115			
L82141-01LFMD	LFMD	05/25/10 23:06	II100505-4	.002	U	.00165	mg/L	82.5	85	115	4.73	20	MA
WG283057CCV2	CCV	05/25/10 23:18	II100505-1	.005015		.00493	mg/L	98.3	90	110			
WG283057CCB2	CCB	05/25/10 23:20				U	mg/L		-0.0002	0.0002			
WG283057CCV3	CCV	05/25/10 23:47	II100505-1	.005015		.00482	mg/L	96.1	90	110			
WG283057CCB3	CCB	05/25/10 23:49				U	mg/L		-0.0002	0.0002			
L82231-01LFM	LFM	05/25/10 23:54	II100505-4	.002	U	.00167	mg/L	83.5	85	115			MA
L82231-01LFMD	LFMD	05/25/10 23:56	II100505-4	.002	U	.00169	mg/L	84.5	85	115	1.19	20	
WG283057CCV4	CCV	05/26/10 0:07	II100505-1	.005015		.00488	mg/L	97.3	90	110			
WG283057CCB4	CCB	05/26/10 0:10				U	mg/L		-0.0002	0.0002			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Molybdenum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282752													
WG282752ICV	ICV	05/20/10 17:30	II100510-1	2		1.911	mg/L	95.6	95	105			
WG282752ICB	ICB	05/20/10 17:33				U	mg/L		-0.03	0.03			
WG282752PQV	PQV	05/20/10 17:36	II100421-2	.05		.05	mg/L	100	70	130			
WG282752SIC	SIC	05/20/10 17:39	II100507-1	.1		.114	mg/L	114	80	120			
WG282752LFB	LFB	05/20/10 17:46	II100518-2	.5		.514	mg/L	102.8	85	115			
L82142-01AS	AS	05/20/10 17:53	II100518-2	.5	.03	.527	mg/L	99.4	85	115			
L82142-01ASD	ASD	05/20/10 17:56	II100518-2	.5	.03	.538	mg/L	101.6	85	115	2.07	20	
WG282752CCV1	CCV	05/20/10 18:09	II100510-2	1		.971	mg/L	97.1	90	110			
WG282752CCB1	CCB	05/20/10 18:12				U	mg/L		-0.03	0.03			
L82144-01AS	AS	05/20/10 18:32	II100518-2	.5	U	.536	mg/L	107.2	85	115			
L82144-01ASD	ASD	05/20/10 18:35	II100518-2	.5	U	.536	mg/L	107.2	85	115	0	20	
WG282752CCV2	CCV	05/20/10 18:48	II100510-2	1		.978	mg/L	97.8	90	110			
WG282752CCB2	CCB	05/20/10 18:52				U	mg/L		-0.03	0.03			
WG282752CCV3	CCV	05/20/10 19:15	II100510-2	1		.993	mg/L	99.3	90	110			
WG282752CCB3	CCB	05/20/10 19:18				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
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.04932	mg/L	98.6	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00132	0.00132			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.003003		.00297	mg/L	98.9	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05005		.04735	mg/L	94.6	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05005	.0037	.04753	mg/L	87.6	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05005	.0037	.04724	mg/L	87	70	130	0.61	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.25025		.2517	mg/L	100.6	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0018	0.0018			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05005	.003	.0474	mg/L	88.7	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05005	.003	.04748	mg/L	88.9	70	130	0.17	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.25025		.2481	mg/L	99.1	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0018	0.0018			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.25025		.2514	mg/L	100.5	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.0018	0.0018			

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

Project ID: DELORES RIVER

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283351													
WG283351ICV	ICV	05/29/10 16:08	WI100323-9	2.416		2.367	mg/L	98	90	110			
WG283351ICB	ICB	05/29/10 16:10				U	mg/L		-0.06	0.06			
WG283353													
WG283353CCV1	CCV	05/29/10 16:43	WI100526-5	2		2.016	mg/L	100.8	90	110			
WG283353CCB1	CCB	05/29/10 16:46				U	mg/L		-0.06	0.06			
WG283353LFB1	LFB	05/29/10 16:48	WI100319-1	2		1.973	mg/L	98.7	90	110			
WG283353CCV2	CCV	05/29/10 17:01	WI100526-5	2		2.014	mg/L	100.7	90	110			
WG283353CCB2	CCB	05/29/10 17:04				U	mg/L		-0.06	0.06			
L82144-01AS	AS	05/29/10 17:11	WI100319-1	2	U	1.924	mg/L	96.2	90	110			
L82144-02DUP	DUP	05/29/10 17:13			U	U	mg/L				0	20	RA
WG283353CCV3	CCV	05/29/10 17:19	WI100526-5	2		2.011	mg/L	100.6	90	110			
WG283353CCB3	CCB	05/29/10 17:22				U	mg/L		-0.06	0.06			
WG283353LFB2	LFB	05/29/10 17:30	WI100319-1	2		2.046	mg/L	102.3	90	110			
WG283353CCV4	CCV	05/29/10 17:36	WI100526-5	2		2.01	mg/L	100.5	90	110			
WG283353CCB4	CCB	05/29/10 17:40				U	mg/L		-0.06	0.06			
WG283353CCV5	CCV	05/29/10 17:53	WI100526-5	2		2.011	mg/L	100.6	90	110			
WG283353CCB5	CCB	05/29/10 17:56				U	mg/L		-0.06	0.06			

pH (lab) M150.1 - Electrometric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282632													
WG282632LCSW3	LCSW	05/18/10 16:24	PCN33150	6		6.05	units	100.8	98	102			
WG282632LCSW6	LCSW	05/18/10 19:55	PCN33150	6		6.06	units	101	98	102			
WG282632LCSW9	LCSW	05/18/10 23:29	PCN33150	6		6.06	units	101	98	102			
WG282632LCSW12	LCSW	05/19/10 3:59	PCN33150	6		6.06	units	101	98	102			
L82146-02DUP	DUP	05/19/10 5:37			8.4	8.36	units				0.5	20	
WG282632LCSW15	LCSW	05/19/10 7:19	PCN33150	6		6.06	units	101	98	102			

Potassium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	20		19.99	mg/L	100	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-0.9	0.9			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	1.5		1.67	mg/L	111.3	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	1.5		1.47	mg/L	98	80	120			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	99.97161		104.45	mg/L	104.5	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	10		9.81	mg/L	98.1	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-0.9	0.9			
L82144-01AS	AS	05/20/10 0:42	II100430-2	99.97161	3.5	106.52	mg/L	103	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	99.97161	3.5	105.57	mg/L	102.1	85	115	0.9	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	10		9.78	mg/L	97.8	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-0.9	0.9			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	10		9.66	mg/L	96.6	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Residue, Filterable (TDS) @180C SM2540C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282489													
WG282489PBW	PBW	05/15/10 12:35				U	mg/L		-20	20			
WG282489LCSW	LCSW	05/15/10 12:36	PCN34142	260		246	mg/L	94.6	80	120			
L82144-03DUP	DUP	05/15/10 12:55			1040	1038	mg/L				0.2	20	

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

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282525													
WG282525PBW	PBW	05/17/10 12:16				U	mg/L		-15	15			
WG282525LCSW	LCSW	05/17/10 12:17	PCN34142	160		150	mg/L	93.8	80	120			
L82145-02DUP	DUP	05/17/10 13:00			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
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.05125	mg/L	102.5	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00022	0.00022			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.00025025		.00026	mg/L	103.9	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05005		.0449	mg/L	89.7	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05005	.0455	.09311	mg/L	95.1	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05005	.0455	.09502	mg/L	98.9	70	130	2.03	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.25025		.2485	mg/L	99.3	90	110			
WG283244CCB1	CCB	05/28/10 9:03				.00012	mg/L		-0.0003	0.0003			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05005	.0012	.04728	mg/L	92.1	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05005	.0012	.04593	mg/L	89.4	70	130	2.9	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.25025		.2494	mg/L	99.7	90	110			
WG283244CCB2	CCB	05/28/10 9:43				.00017	mg/L		-0.0003	0.0003			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.25025		.2459	mg/L	98.3	90	110			
WG283244CCB3	CCB	05/28/10 10:21				.00018	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
WG282700													
WG282700ICV	ICV	05/19/10 23:38	II100510-1	42.8		41.03	mg/L	95.9	95	105			
WG282700ICB	ICB	05/19/10 23:42				U	mg/L		-1.2	1.2			
WG282700PQV	PQV	05/19/10 23:45	II100421-2	2.14		2.08	mg/L	97.2	70	130			
WG282700SIC	SIC	05/19/10 23:48	II100507-1	2.14		2.02	mg/L	94.4	80	120			
WG282700LFB	LFB	05/19/10 23:54	II100430-2	21.4		21.49	mg/L	100.4	85	115			
WG282700CCV1	CCV	05/20/10 0:24	II100510-2	21.4		20.36	mg/L	95.1	90	110			
WG282700CCB1	CCB	05/20/10 0:27				U	mg/L		-1.2	1.2			
L82144-01AS	AS	05/20/10 0:42	II100430-2	21.4	4.5	25.47	mg/L	98	85	115			
L82144-01ASD	ASD	05/20/10 0:45	II100430-2	21.4	4.5	25.02	mg/L	95.9	85	115	1.78	20	
WG282700CCV2	CCV	05/20/10 1:01	II100510-2	21.4		20.48	mg/L	95.7	90	110			
WG282700CCB2	CCB	05/20/10 1:04				U	mg/L		-1.2	1.2			
WG282700CCV3	CCV	05/20/10 1:22	II100510-2	21.4		20.53	mg/L	95.9	90	110			
WG282700CCB3	CCB	05/20/10 1:25				U	mg/L		-1.2	1.2			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Silver, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282752													
WG282752ICV	ICV	05/20/10 17:30	II100510-1	1.001		.957	mg/L	95.6	95	105			
WG282752ICB	ICB	05/20/10 17:33				U	mg/L		-0.03	0.03			
WG282752PQV	PQV	05/20/10 17:36	II100421-2	.025		.025	mg/L	100	70	130			
WG282752SIC	SIC	05/20/10 17:39	II100507-1	.1		.092	mg/L	92	80	120			
WG282752LFB	LFB	05/20/10 17:46	II100518-2	.5		.606	mg/L	121.2	85	115			LA
WG282752CCV1	CCV	05/20/10 18:09	II100510-2	.5005		.476	mg/L	95.1	90	110			
WG282752CCB1	CCB	05/20/10 18:12				U	mg/L		-0.03	0.03			
L82144-01AS	AS	05/20/10 18:32	II100518-2	.5	U	.348	mg/L	69.6	85	115			M2 ZA
L82144-01ASD	ASD	05/20/10 18:35	II100518-2	.5	U	.346	mg/L	69.2	85	115	0.58	20	M2 ZA
WG282752CCV2	CCV	05/20/10 18:48	II100510-2	.5005		.476	mg/L	95.1	90	110			
WG282752CCB2	CCB	05/20/10 18:52				U	mg/L		-0.03	0.03			
WG282752CCV3	CCV	05/20/10 19:15	II100510-2	.5005		.48	mg/L	95.9	90	110			
WG282752CCB3	CCB	05/20/10 19:18				U	mg/L		-0.03	0.03			

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282752													
WG282752ICV	ICV	05/20/10 17:30	II100510-1	100		97.36	mg/L	97.4	95	105			
WG282752ICB	ICB	05/20/10 17:33				U	mg/L		-0.9	0.9			
WG282752PQV	PQV	05/20/10 17:36	II100421-2	1.5		1.54	mg/L	102.7	70	130			
WG282752SIC	SIC	05/20/10 17:39	II100507-1	1.5		1.5	mg/L	100	80	120			
WG282752LFB	LFB	05/20/10 17:46	II100518-2	100.018		102.88	mg/L	102.9	85	115			
L82142-01AS	AS	05/20/10 17:53	II100518-2	100.018	85.6	180.03	mg/L	94.4	85	115			
L82142-01ASD	ASD	05/20/10 17:56	II100518-2	100.018	85.6	181.63	mg/L	96	85	115	0.88	20	
WG282752CCV1	CCV	05/20/10 18:09	II100510-2	50		50.35	mg/L	100.7	90	110			
WG282752CCB1	CCB	05/20/10 18:12				U	mg/L		-0.9	0.9			
L82144-01AS	AS	05/20/10 18:32	II100518-2	100.018	64.4	170.02	mg/L	105.6	85	115			
L82144-01ASD	ASD	05/20/10 18:35	II100518-2	100.018	64.4	173.3	mg/L	108.9	85	115	1.91	20	
WG282752CCV2	CCV	05/20/10 18:48	II100510-2	50		50.92	mg/L	101.8	90	110			
WG282752CCB2	CCB	05/20/10 18:52				U	mg/L		-0.9	0.9			
WG282752CCV3	CCV	05/20/10 19:15	II100510-2	50		50.52	mg/L	101	90	110			
WG282752CCB3	CCB	05/20/10 19:18				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Sulfate 375.4 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG282931													
WG282931ICB	ICB	05/24/10 12:41				U	mg/L		-3	3			
WG282931ICV	ICV	05/24/10 12:41	WI100517-2	20		20.2	mg/L	101	90	110			
WG282931CCV1	CCV	05/24/10 15:23	WI100517-3	25.1		26.3	mg/L	104.8	90	110			
WG282931CCB1	CCB	05/24/10 15:23				U	mg/L		-3	3			
WG282931LFB	LFB	05/24/10 15:23	WI091020-3	10		10.1	mg/L	101	90	110			
L82109-02DUP	DUP	05/24/10 15:23			10	9.3	mg/L				7.3	20	
WG282931CCV2	CCV	05/24/10 15:26	WI100517-3	25.1		25.6	mg/L	102	90	110			
WG282931CCB2	CCB	05/24/10 15:26				U	mg/L		-3	3			
WG282931CCV3	CCV	05/24/10 15:29	WI100517-3	25.1		26.3	mg/L	104.8	90	110			
WG282931CCB3	CCB	05/24/10 15:29				U	mg/L		-3	3			
WG282931CCV4	CCV	05/24/10 15:30	WI100517-3	25.1		26.6	mg/L	106	90	110			
WG282931CCB4	CCB	05/24/10 15:30				U	mg/L		-3	3			
WG282931CCV5	CCV	05/24/10 15:33	WI100517-3	25.1		25.5	mg/L	101.6	90	110			
WG282931CCB5	CCB	05/24/10 15:33				U	mg/L		-3	3			
L82144-03DUP	DUP	05/24/10 15:38			183	179.6	mg/L				1.9	20	
WG282931CCV6	CCV	05/24/10 15:38	WI100517-3	25.1		26	mg/L	103.6	90	110			
WG282931CCB6	CCB	05/24/10 15:38				U	mg/L		-3	3			
WG282931CCV7	CCV	05/24/10 15:39	WI100517-3	25.1		24.9	mg/L	99.2	90	110			
WG282931CCB7	CCB	05/24/10 15:39				U	mg/L		-3	3			
L82132-01AS	AS	05/24/10 15:40	SO4TURB10	100	2000	2510	mg/L	510	90	110			M3
WG282931CCV8	CCV	05/24/10 15:42	WI100517-3	25.1		25.3	mg/L	100.8	90	110			
WG282931CCB8	CCB	05/24/10 15:42				U	mg/L		-3	3			
WG282931CCV9	CCV	05/24/10 16:03	WI100517-3	25.1		25.7	mg/L	102.4	90	110			
WG282931CCB9	CCB	05/24/10 16:03				U	mg/L		-3	3			
L82247-01AS	AS	05/24/10 16:03	SO4TURB20	10	210	212	mg/L	20	90	110			M3
WG282931CCV10	CCV	05/24/10 16:04	WI100517-3	25.1		25.4	mg/L	101.2	90	110			
WG282931CCB10	CCB	05/24/10 16:04				U	mg/L		-3	3			

Thallium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.05516	mg/L	110.3	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00022	0.00022			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.000501		.00047	mg/L	93.8	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.0501		.04947	mg/L	98.7	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.0501	U	.05308	mg/L	105.9	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.0501	U	.05295	mg/L	105.7	70	130	0.25	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.1002		.1014	mg/L	101.2	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0003	0.0003			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.0501	U	.05247	mg/L	104.7	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.0501	U	.05146	mg/L	102.7	70	130	1.94	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.1002		.09903	mg/L	98.8	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0003	0.0003			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.1002		.1007	mg/L	100.5	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Uranium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.0523	mg/L	104.6	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.00022	0.00022			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.0005		.00047	mg/L	94	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05		.04964	mg/L	99.3	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05	.0251	.08084	mg/L	111.5	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05	.0251	.0814	mg/L	112.6	70	130	0.69	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.1		.1011	mg/L	101.1	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.0003	0.0003			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05	.0023	.05623	mg/L	107.9	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05	.0023	.05586	mg/L	107.1	70	130	0.66	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.1		.0976	mg/L	97.6	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.0003	0.0003			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.1		.09749	mg/L	97.5	90	110			
WG283244CCB3	CCB	05/28/10 10:21				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
WG282752													
WG282752ICV	ICV	05/20/10 17:30	II100510-1	2		1.9399	mg/L	97	95	105			
WG282752ICB	ICB	05/20/10 17:33				U	mg/L		-0.015	0.015			
WG282752PQV	PQV	05/20/10 17:36	II100421-2	.025		.0176	mg/L	70.4	70	130			
WG282752SIC	SIC	05/20/10 17:39	II100507-1	.1		.1132	mg/L	113.2	80	120			
WG282752LFB	LFB	05/20/10 17:46	II100518-2	.5		.5232	mg/L	104.6	85	115			
L82142-01AS	AS	05/20/10 17:53	II100518-2	.5	.024	.5378	mg/L	102.8	85	115			
L82142-01ASD	ASD	05/20/10 17:56	II100518-2	.5	.024	.5471	mg/L	104.6	85	115	1.71	20	
WG282752CCV1	CCV	05/20/10 18:09	II100510-2	1		.9825	mg/L	98.3	90	110			
WG282752CCB1	CCB	05/20/10 18:12				U	mg/L		-0.015	0.015			
L82144-01AS	AS	05/20/10 18:32	II100518-2	.5	U	.5416	mg/L	108.3	85	115			
L82144-01ASD	ASD	05/20/10 18:35	II100518-2	.5	U	.5546	mg/L	110.9	85	115	2.37	20	
WG282752CCV2	CCV	05/20/10 18:48	II100510-2	1		.9862	mg/L	98.6	90	110			
WG282752CCB2	CCB	05/20/10 18:52				U	mg/L		-0.015	0.015			
WG282752CCV3	CCV	05/20/10 19:15	II100510-2	1		1.005	mg/L	100.5	90	110			
WG282752CCB3	CCB	05/20/10 19:18				U	mg/L		-0.015	0.015			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

Zinc, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG283244													
WG283244ICV	ICV	05/28/10 8:23	MS100329-2	.05		.0493	mg/L	98.6	90	110			
WG283244ICB	ICB	05/28/10 8:27				U	mg/L		-0.0044	0.0044			
WG283244PQV	PQV	05/28/10 8:30	MS100519-4	.005008		.0049	mg/L	97.8	70	130			
WG283244LFB	LFB	05/28/10 8:33	MS100527-2	.05008		.0502	mg/L	100.2	85	115			
L82142-03AS	AS	05/28/10 8:47	MS100527-2	.05008	.19	.2465	mg/L	112.8	70	130			
L82142-03ASD	ASD	05/28/10 8:50	MS100527-2	.05008	.19	.2466	mg/L	113	70	130	0.04	20	
WG283244CCV1	CCV	05/28/10 9:00	MS100510-4	.5008		.5093	mg/L	101.7	90	110			
WG283244CCB1	CCB	05/28/10 9:03				U	mg/L		-0.006	0.006			
L82144-03AS	AS	05/28/10 9:27	MS100527-2	.05008	.003	.0497	mg/L	93.3	70	130			
L82144-03ASD	ASD	05/28/10 9:30	MS100527-2	.05008	.003	.0494	mg/L	92.7	70	130	0.61	20	
WG283244CCV2	CCV	05/28/10 9:40	MS100510-4	.5008		.5003	mg/L	99.9	90	110			
WG283244CCB2	CCB	05/28/10 9:43				U	mg/L		-0.006	0.006			
WG283244CCV3	CCV	05/28/10 10:17	MS100510-4	.5008		.498	mg/L	99.4	90	110			
WG283244CCB3	CCB	05/28/10 10:21				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L82144-01	WG282700	Barium, dissolved	M200.7 ICP	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG283057	Mercury, dissolved	M245.1 CVAA	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG282752	Silver, dissolved	M200.7 ICP	LA	Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			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.
	WG282690	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).
	WG283353	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).
	WG282525	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).
	WG282931	Sulfate	375.4 - Turbidimetric	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.
L82144-02	WG283057	Mercury, dissolved	M245.1 CVAA	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG282752	Silver, dissolved	M200.7 ICP	LA	Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			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.
	WG282690	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).
	WG283353	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).
	WG282525	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).
	WG282931	Sulfate	375.4 - Turbidimetric	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.

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L82144-03	WG282700	Barium, dissolved	M200.7 ICP	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG283057	Mercury, dissolved	M245.1 CVAA	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG282752	Silver, dissolved	M200.7 ICP	LA	Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			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.
	WG282690	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).
	WG283353	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).
	WG282525	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).
	WG282931	Sulfate	375.4 - Turbidimetric	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.
L82144-04	WG282700	Barium, dissolved	M200.7 ICP	BB	Target analyte detected in calibration blank at or above acceptance limit. Sample value was > 10X the concentration in the calibration blank.
	WG283057	Mercury, dissolved	M245.1 CVAA	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG282752	Silver, dissolved	M200.7 ICP	LA	Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL].
			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.

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L82144-01***
Date Sampled: *05/12/10 19:10*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	05/24/10 12:13		1.5	2.1	2.2	pCi/L	*	tcd/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	06/01/10 15:03		0.0	1.7	4.6	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	06/01/10 12:08		2.5	1.5	2.8	pCi/L	*	mwm

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 12:27		0.26	0.14	0.44	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 14:54		0.84	0.29	0.7	pCi/L		tcd

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	05/27/10 16:04		0.24	0.42	1.3	pCi/L		jjg

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L82144-01***
Date Sampled: *05/12/10 19:10*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	05/27/10 16:04		0.67	0.48	1.2	pCi/L		jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/20/10 15:45		0.12	0.34	0.22	pCi/L	*	mwm
Thorium 230	05/20/10 15:45		-0.08	0.37	0.57	pCi/L	*	mwm
Thorium 232	05/20/10 15:45		0.23	0.22	0.22	pCi/L	*	mwm

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/27/10 13:57		-0.2	0.19	0.22	pCi/L	*	mwm
Thorium 230	05/27/10 13:57		0.52	0.31	0.57	pCi/L	*	mwm
Thorium 232	05/27/10 13:57		0.07	0.16	0.22	pCi/L	*	mwm

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L82144-02***
Date Sampled: *05/12/10 17:48*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	05/24/10 12:14		1.3	2.1	2.2	pCi/L	*	tcd/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	06/01/10 15:03		0.0	1.5	4.1	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	06/01/10 12:08		1.6	1.6	2.9	pCi/L	*	mwm

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 12:29		0.22	0.14	0.5	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 14:56		0.94	0.32	0.78	pCi/L		tcd

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	05/27/10 16:04		0.29	0.44	1.2	pCi/L		jjg

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L82144-02***
Date Sampled: *05/12/10 17:48*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	05/27/10 16:04		0.33	0.43	1.3	pCi/L		jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/20/10 15:46		0.21	0.3	0.22	pCi/L	*	mwm
Thorium 230	05/20/10 15:46		0.26	0.42	0.58	pCi/L	*	mwm
Thorium 232	05/20/10 15:46		0.04	0.17	0.22	pCi/L	*	mwm

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/27/10 13:59		0.0	0.26	0.21	pCi/L	*	mwm
Thorium 230	05/27/10 13:59		0.01	0.21	0.56	pCi/L	*	mwm
Thorium 232	05/27/10 13:59		0.02	0.05	0.21	pCi/L	*	mwm

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-DN
Locator:

ACZ Sample ID: ***L82144-03***
Date Sampled: *05/12/10 18:32*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	05/24/10 12:16		0.12	2.4	3.2	pCi/L	*	tcd/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	06/01/10 15:03		0.0	1.4	3.8	pCi/L	*	mwm

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	06/01/10 12:08		1.2	1.6	3.1	pCi/L	*	mwm

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 12:30		0.38	0.18	0.51	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	05/25/10 14:57		0.69	0.28	0.73	pCi/L		tcd

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	05/27/10 17:38		0.34	0.43	1.2	pCi/L		jjg

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: DELORES RIVER
Sample ID: DR-DN
Locator:

ACZ Sample ID: ***L82144-03***
Date Sampled: *05/12/10 18:32*
Date Received: *05/14/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	05/27/10 16:04		0.25	0.43	1.3	pCi/L		jjg

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/20/10 15:48		0.07	0.26	0.22	pCi/L	*	mwm
Thorium 230	05/20/10 15:48		0.33	0.35	0.58	pCi/L	*	mwm
Thorium 232	05/20/10 15:48		0.01	0.2	0.22	pCi/L	*	mwm

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	05/27/10 14:00		0.07	0.18	0.22	pCi/L	*	mwm
Thorium 230	05/27/10 14:00		0.05	0.28	0.57	pCi/L	*	mwm
Thorium 232	05/27/10 14:00		0.1	0.11	0.22	pCi/L	*	mwm

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

Project ID: DELORES RIVER

Gross Alpha, dissolved M9310 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG283134																
WG282654PBW	PBW	05/24/10						.84	0.92	0.94			1.88			
WG282654LCSW	LCSW	05/24/10	RC091218-1	81.06				100	8.6	1.4	123.4	57	133			
L82182-01DUP	DUP-RER	05/24/10			1.4	1.5	1.6	.73	1.4	1.6				0.33	2	
L82182-09DUP	DUP-RER	05/24/10			3.7	2.2	1.7	1.4	1.7	1.7				0.83	2	
L82182-01MS	MS	05/24/10	RC091218-1	540.39	1.4	1.5	1.6	120	33	15	21.9	57	133			M2

Lead 210, dissolved EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG283709																
WG282991LCSW	LCSW	06/01/10	RC090330-1	77.58				61	2.8	4	78.6	47	102			
WG282991PBW	PBW	06/01/10						.47	1.4	3.6			7.2			
L82144-01DUP	DUP-RER	06/01/10			0	1.7	4.6	0	1.5	4				0	2	
L82144-02MS	MS	06/01/10	RC090330-1	77.58	0	1.5	4.1	60	2.8	3.7	77.3	47	102			

Lead 210, total EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG283705																
WG282554LCSW	LCSW	06/01/10	RC090330-1	77.58				65	3.3	3	83.8	47	102			
WG282554PBW	PBW	06/01/10						1.3	1.6	3.1			6.2			
L82143-03DUP	DUP-RER	06/01/10			1.4	1.6	3	1.8	1.5	2.8				0.18	2	
L82143-01MS	MS	06/01/10	RC090330-1	77.58	1.3	1.6	3.1	66	3.3	2.9	83.4	47	102			
L82142-01DUP	DUP-RER	06/01/10			2.3	1.7	3.2	1.5	1.7	3.2				0.33	2	

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
WG283884																
WG283031PBW	PBW	05/25/10						.03	0.09	0.52			1.04			
WG283031LCSW	LCSW	05/25/10	RC100111-3	23.92				23	1.2	0.53	96.2	74	123			
L82144-02DUP	DUP-RER	05/25/10			0.22	0.14	0.5	.13	0.1	0.42				0.52	2	
L82144-03MS	MS	05/25/10	RC100111-3	23.92	0.38	0.18	0.51	21	1	0.44	86.2	74	123			

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
WG283887																
WG282912PBW	PBW	05/25/10						0	0.13	0.77			1.54			
WG282912LCSW	LCSW	05/25/10	RC100111-3	23.92				24	1.5	0.79	100.4	74	123			
L82144-01DUP	DUP-RER	05/25/10			0.84	0.29	0.7	1.1	0.32	0.7				0.6	2	
L82144-02MS	MS	05/25/10	RC100111-3	23.92	0.94	0.32	0.78	25	1.5	0.76	100.6	74	123			

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

Project ID: DELORES RIVER

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
WG283299																
WG282673LCSW	LCSW	05/27/10	RC100325-1	12.66				11	0.87	1.3	86.9	49	132			
WG282673PBW	PBW	05/27/10						-.06	0.2	0.61			1.22			
L82132-01DUP	DUP-RER	05/27/10			2.1	0.49	1.1	1.8	0.5	1.2				0.43	2	
L82153-01DUP	DUP-RER	05/27/10			-0.05	0.19	0.62	0	0.17	0.56				0.2	2	
L82132-03MS	MS	05/27/10	RC100325-1	12.66	5.7	0.72	1.2	13	1	1.2	57.7	49	132			

Radium 228, total M904.0 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG283300																
WG282673LCSW	LCSW	05/27/10	RC100325-1	12.66				11	0.87	1.3	86.9	49	132			
WG282673PBW	PBW	05/27/10						-.06	0.2	0.61			1.22			
L82132-03MS	MS	05/27/10	RC100325-1	12.66	5.7	0.72	1.2	13	1	1.2	57.7	49	132			
L82153-01DUP	DUP-RER	05/27/10			-0.05	0.19	0.62	0	0.17	0.56				0.2	2	

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
WG282935																
WG282633PBW	PBW	05/20/10						.26	0.23	0.23			0.46			
L82143-02DUP	DUP-RER	05/20/10			0.1	0.26	0.23	-.26	0.29	0.22				0.92	2	
WG283890																
WG283111PBW	PBW	05/27/10						-.07	0.22	0.21			0.42			
L82144-01DUP	DUP-RER	05/27/10			-0.2	0.19	0.22	-.12	0.19	0.22				0.3	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
WG282935																
WG282633PBW	PBW	05/20/10						-.03	0.28	0.59			1.18			
WG282633LCSW	LCSW	05/20/10	RC091215-1	162.12				180	4.7	0.62	111	91	119			
L82142-02DUP	DUP-RER	05/20/10			-0.04	0.29	0.63	-.45	0.35	0.56				0.9	2	
L82143-02DUP	DUP-RER	05/20/10			0.14	0.32	0.61	.07	0.27	0.59				0.17	2	
L82142-03MS	MS	05/20/10	RC091215-1	162.12	-0.22	0.25	0.64	170	4.4	0.57	105	91	119			
WG283890																
WG283111PBW	PBW	05/27/10						.05	0.2	0.54			1.08			
WG283111LCSW	LCSW	05/27/10	RC091215-1	162.12				170	4.4	0.58	104.9	91	119			
L82144-01DUP	DUP-RER	05/27/10			0.52	0.31	0.57	-.01	0.22	0.57				1.39	2	
L82144-03MS	MS	05/27/10	RC091215-1	162.12	0.05	0.28	0.57	170	4.5	0.64	104.8	91	119			

Energy Fuels Resources Corporation
Project ID: DELORES RIVER

ACZ Project ID: ***L82144***

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
WG282935																
WG282633PBW	PBW	05/20/10						.03	0.1	0.23			0.46			
L82143-02DUP	DUP-RER	05/20/10			0	0.11	0.23	-.08	0.16	0.22				0.41	2	
WG283890																
WG283111PBW	PBW	05/27/10						.02	0.05	0.21			0.42			
L82144-01DUP	DUP-RER	05/27/10			0.07	0.16	0.22	.08	0.12	0.22				0.05	2	

Energy Fuels Resources Corporation ACZ Project ID: ***L82144***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L82144-01	WG283134	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
L82144-02	WG283134	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
L82144-03	WG283134	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.	
Lead 210, dissolved	EICHROM, OTW01
Lead 210, total	EICHROM, OTW01
Thorium 228	ESM 4506
Thorium 230	ESM 4506
Thorium 232	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

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
DELORES RIVER

ACZ Project ID: L82144
Date Received: 05/14/2010 11:14
Received By: gac
Date Printed: 5/17/2010

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) Are the trip blanks (VOA and/or Cyanide) present?			X
12) Are samples requiring no headspace, headspace free?			X
13) 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)
2644		0.3	12
354		0.6	12

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

Notes

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
DELORES RIVER

ACZ Project ID: L82144
Date Received: 05/14/2010 11:14
Received By: gac
Date Printed: 5/17/2010

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
L82144-01	DR-UP	Y			Y							
L82144-02	DR-MID	Y			Y							
L82144-03	DR-DN	Y			Y							
L82144-04	DR-DUP1									X		

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: gac

ACZ Laboratories, Inc. L82144

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: ZACH ROGERS
Address:
Company: ENERGY FUELS
E-mail:
Telephone: 303-974-2151

Copy of Report to:

Name:
E-mail:
Company:
Telephone:

Invoice to:

Name: SAME
Address:
Company:
E-mail:
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES [✓] NO [ ]

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

Are samples for SDWA Compliance Monitoring? Yes [ ] No [✓]

If yes, please include state forms. Results will be reported to PQL for Colorado.

Sampler's Name: ZACH ROGERS Sampler's site Information State CO Zip code 81228 Time Zone MDT

PROJECT INFORMATION

Quote #: DOLORES-RIVER/SW-TBL-4-DUP

Project/PO #:

Reporting state for compliance testing: NO

Are any samples NRC licensable material? Yes / No

ANALYSIS REQUESTED (attach list or use quote number)

SAMPLE IDENTIFICATION	DATE	TIME	Matrix	# of Containers	DOLORES-RIVER SW-TBL-4-DUP							
DR-UP	5/12/10	19:10	SW	9	X							
DR-MID	5/12/10	17:48	SW	9	X							
DR-DN	5/12/10	18:32	SW	9	X							
DR-DUP1	5/12/10	—	SW	2		X						

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
[signature]	5/14/10 10:30	[signature]	[illegible] 10:30 hrs.

FRMAD050.02.17.10 White - Return with sample. Yellow - Retain for your records.

September 1, 2010 Sampling Event

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

September 30, 2010

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: L84133

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on September 03, 2010. This project has been assigned to ACZ's project number, L84133. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L84133. 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 October 30, 2010. 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.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-UP

ACZ Sample ID: ***L84133-01***
Date Sampled: *09/01/10 13:35*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							09/15/10 12:40	aeh

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.11	B		mg/L	0.03	0.2	09/14/10 17:55	aeh
Antimony, dissolved	M200.8 ICP-MS	0.0005	B		mg/L	0.0004	0.002	09/23/10 0:39	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0010	B		mg/L	0.0005	0.002	09/23/10 0:39	msh
Barium, dissolved	M200.7 ICP	0.158			mg/L	0.003	0.02	09/16/10 12:33	aeh
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	09/15/10 17:09	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:39	msh
Calcium, dissolved	M200.7 ICP	44.0			mg/L	0.2	1	09/14/10 17:55	aeh
Chromium, total	M200.7 ICP	0.03	B		mg/L	0.01	0.05	09/16/10 20:31	aeh
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 17:55	aeh
Iron, dissolved	M200.7 ICP	0.05	B		mg/L	0.02	0.05	09/14/10 17:55	aeh
Lead, dissolved	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	09/23/10 0:39	msh
Magnesium, dissolved	M200.7 ICP	8.2			mg/L	0.2	1	09/14/10 17:55	aeh
Manganese, dissolved	M200.7 ICP	0.007	B		mg/L	0.005	0.03	09/14/10 17:55	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	09/22/10 12:39	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 17:55	aeh
Nickel, dissolved	M200.8 ICP-MS	0.0015	B		mg/L	0.0006	0.003	09/23/10 0:39	msh
Potassium, dissolved	M200.7 ICP	3.9			mg/L	0.3	2	09/14/10 17:55	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0003	09/23/10 0:39	msh
Silica, dissolved	M200.7 ICP	3.4			mg/L	0.4	2	09/14/10 17:55	aeh
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.5			mg/L	0.2	0.9	09/30/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	09/14/10 17:55	aeh
Sodium, dissolved	M200.7 ICP	40.7			mg/L	0.3	2	09/14/10 17:55	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/24/10 5:57	msh
Uranium, dissolved	M200.8 ICP-MS	0.0019			mg/L	0.0001	0.0005	09/23/10 0:39	msh
Vanadium, dissolved	M200.7 ICP	0.008	B		mg/L	0.005	0.03	09/14/10 17:55	aeh
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	09/23/10 0:39	msh

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-UP

ACZ Sample ID: ***L84133-01***
Date Sampled: *09/01/10 13:35*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		119			mg/L	2	20	09/08/10 0:00	lhb
Carbonate as CaCO3		2	B		mg/L	2	20	09/08/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	09/08/10 0:00	lhb
Total Alkalinity		121			mg/L	2	20	09/08/10 0:00	lhb
Cation-Anion Balance	Calculation								
Cation-Anion Balance		-2.1			%			09/30/10 0:00	calc
Sum of Anions		4.9			meq/L	0.1	0.5	09/30/10 0:00	calc
Sum of Cations		4.7			meq/L	0.1	0.5	09/30/10 0:00	calc
Chloride	SM4500Cl-E	59		*	mg/L	1	5	09/16/10 9:29	ccp
Fluoride	SM4500F-C	0.2	B		mg/L	0.1	0.5	09/09/10 15:18	jjc
Lab Filtration	SM 3030 B			*				09/03/10 16:36	lhb
Lab Filtration & Acidification	SM 3030 B			*				09/07/10 13:30	jjg/tcd
Lab Filtration & Acidification	SM 3030 B			*				09/09/10 13:42	cra
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.03	B	*	mg/L	0.02	0.1	09/17/10 21:38	pjb
pH (lab)	SM4500H+ B								
pH		8.3	H		units	0.1	0.1	09/08/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	09/08/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	270			mg/L	10	20	09/07/10 11:58	abm
Residue, Non-Filterable (TSS) @105C	SM2540D	720		*	mg/L	20	80	09/04/10 12:47	lhb
Sulfate	375.4 - Turbidimetric	43		*	mg/L	5	30	09/09/10 14:03	aml
TDS (calculated)	Calculation	276			mg/L	10	50	09/30/10 0:00	calc
TDS (ratio - measured/calculated)	Calculation	0.98						09/30/10 0:00	calc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-DOWN

ACZ Sample ID: ***L84133-02***
Date Sampled: *09/01/10 14:38*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							09/15/10 12:53	aeh

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	09/14/10 18:04	aeh
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	09/23/10 0:43	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0010	B		mg/L	0.0005	0.002	09/23/10 0:43	msh
Barium, dissolved	M200.7 ICP	0.146			mg/L	0.003	0.02	09/16/10 12:37	aeh
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	09/15/10 17:19	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:43	msh
Calcium, dissolved	M200.7 ICP	52.1			mg/L	0.2	1	09/14/10 18:04	aeh
Chromium, total	M200.7 ICP		U		mg/L	0.01	0.05	09/16/10 20:34	aeh
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 18:04	aeh
Iron, dissolved	M200.7 ICP		U		mg/L	0.02	0.05	09/14/10 18:04	aeh
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:43	msh
Magnesium, dissolved	M200.7 ICP	12.2			mg/L	0.2	1	09/14/10 18:04	aeh
Manganese, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	09/14/10 18:04	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	09/22/10 12:41	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 18:04	aeh
Nickel, dissolved	M200.8 ICP-MS	0.0018	B		mg/L	0.0006	0.003	09/23/10 0:43	msh
Potassium, dissolved	M200.7 ICP	7.6			mg/L	0.3	2	09/14/10 18:04	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0006			mg/L	0.0001	0.0003	09/23/10 0:43	msh
Silica, dissolved	M200.7 ICP	1.9	B		mg/L	0.4	2	09/14/10 18:04	aeh
Silicon, dissolved	M6010B ICP (Calc SIO2)	0.8	B		mg/L	0.2	0.9	09/30/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	09/14/10 18:04	aeh
Sodium, dissolved	M200.7 ICP	124			mg/L	0.3	2	09/14/10 18:04	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/24/10 6:01	msh
Uranium, dissolved	M200.8 ICP-MS	0.0015			mg/L	0.0001	0.0005	09/23/10 0:43	msh
Vanadium, dissolved	M200.7 ICP	0.008	B		mg/L	0.005	0.03	09/14/10 18:04	aeh
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	09/23/10 0:43	msh

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-DOWN

ACZ Sample ID: ***L84133-02***
Date Sampled: *09/01/10 14:38*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		126			mg/L	2	20	09/08/10 0:00	lhb
Carbonate as CaCO3		4	B		mg/L	2	20	09/08/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	09/08/10 0:00	lhb
Total Alkalinity		130			mg/L	2	20	09/08/10 0:00	lhb
Cation-Anion Balance	Calculation								
Cation-Anion Balance		0.0			%			09/30/10 0:00	calc
Sum of Anions		9.2			meq/L	0.1	0.5	09/30/10 0:00	calc
Sum of Cations		9.2			meq/L	0.1	0.5	09/30/10 0:00	calc
Chloride	SM4500Cl-E	200		*	mg/L	10	50	09/16/10 9:38	ccp
Fluoride	SM4500F-C	0.1	B		mg/L	0.1	0.5	09/09/10 15:22	jjc
Lab Filtration	SM 3030 B			*				09/03/10 16:38	lhb
Lab Filtration & Acidification	SM 3030 B			*				09/07/10 13:30	jjg/tcd
Lab Filtration & Acidification	SM 3030 B			*				09/09/10 13:47	cra
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.03	B	*	mg/L	0.02	0.1	09/17/10 21:41	pjb
pH (lab)	SM4500H+ B								
pH		8.4	H		units	0.1	0.1	09/08/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	09/08/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	540			mg/L	10	20	09/07/10 11:58	abm
Residue, Non-Filterable (TSS) @105C	SM2540D	227			mg/L	5	20	09/04/10 12:49	lhb
Sulfate	375.4 - Turbidimetric	50		*	mg/L	5	30	09/09/10 14:03	aml
TDS (calculated)	Calculation	528			mg/L	10	50	09/30/10 0:00	calc
TDS (ratio - measured/calculated)	Calculation	1.02						09/30/10 0:00	calc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-MID

ACZ Sample ID: ***L84133-03***
Date Sampled: *09/01/10 16:28*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							09/15/10 13:05	aeh

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.06	B		mg/L	0.03	0.2	09/14/10 18:08	aeh
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	09/23/10 0:47	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0012	B		mg/L	0.0005	0.002	09/23/10 0:47	msh
Barium, dissolved	M200.7 ICP	0.162			mg/L	0.003	0.02	09/16/10 12:48	aeh
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	09/15/10 17:22	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:47	msh
Calcium, dissolved	M200.7 ICP	50.1			mg/L	0.2	1	09/14/10 18:08	aeh
Chromium, total	M200.7 ICP	0.01	B		mg/L	0.01	0.05	09/16/10 20:37	aeh
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 18:08	aeh
Iron, dissolved	M200.7 ICP	0.02	B		mg/L	0.02	0.05	09/14/10 18:08	aeh
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:47	msh
Magnesium, dissolved	M200.7 ICP	10.6			mg/L	0.2	1	09/14/10 18:08	aeh
Manganese, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	09/14/10 18:08	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	09/22/10 12:43	erf
Molybdenum, dissolved	M200.7 ICP	0.01	B		mg/L	0.01	0.05	09/14/10 18:08	aeh
Nickel, dissolved	M200.8 ICP-MS	0.0017	B		mg/L	0.0006	0.003	09/23/10 0:47	msh
Potassium, dissolved	M200.7 ICP	5.3			mg/L	0.3	2	09/14/10 18:08	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0007			mg/L	0.0001	0.0003	09/23/10 0:47	msh
Silica, dissolved	M200.7 ICP	2.3			mg/L	0.4	2	09/14/10 18:08	aeh
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.0			mg/L	0.2	0.9	09/30/10 0:00	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	09/14/10 18:08	aeh
Sodium, dissolved	M200.7 ICP	88.0			mg/L	0.3	2	09/14/10 18:08	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/24/10 6:05	msh
Uranium, dissolved	M200.8 ICP-MS	0.0017			mg/L	0.0001	0.0005	09/23/10 0:47	msh
Vanadium, dissolved	M200.7 ICP	0.008	B		mg/L	0.005	0.03	09/14/10 18:08	aeh
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	09/23/10 0:47	msh

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-MID

ACZ Sample ID: ***L84133-03***
Date Sampled: *09/01/10 16:28*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		122			mg/L	2	20	09/08/10 0:00	lhb
Carbonate as CaCO3		5	B		mg/L	2	20	09/08/10 0:00	lhb
Hydroxide as CaCO3			U		mg/L	2	20	09/08/10 0:00	lhb
Total Alkalinity		127			mg/L	2	20	09/08/10 0:00	lhb
Cation-Anion Balance	Calculation								
Cation-Anion Balance		2.1			%			09/30/10 0:00	calc
Sum of Anions		7.0			meq/L	0.1	0.5	09/30/10 0:00	calc
Sum of Cations		7.3			meq/L	0.1	0.5	09/30/10 0:00	calc
Chloride	SM4500Cl-E	130		*	mg/L	10	50	09/16/10 9:38	ccp
Fluoride	SM4500F-C	0.1	B		mg/L	0.1	0.5	09/09/10 15:27	jjc
Lab Filtration	SM 3030 B			*				09/03/10 16:40	lhb
Lab Filtration & Acidification	SM 3030 B			*				09/09/10 13:51	cra
Lab Filtration & Acidification	SM 3030 B			*				09/07/10 13:30	jjg/tcd
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.02	B	*	mg/L	0.02	0.1	09/17/10 21:42	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	09/08/10 0:00	lhb
pH measured at		22.0			C	0.1	0.1	09/08/10 0:00	lhb
Residue, Filterable (TDS) @180C	SM2540C	420			mg/L	10	20	09/07/10 11:59	abm
Residue, Non-Filterable (TSS) @105C	SM2540D	340		*	mg/L	10	40	09/04/10 12:52	lhb
Sulfate	375.4 - Turbidimetric	41		*	mg/L	5	30	09/09/10 14:04	aml
TDS (calculated)	Calculation	406			mg/L	10	50	09/30/10 0:00	calc
TDS (ratio - measured/calculated)	Calculation	1.03						09/30/10 0:00	calc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-DUPLICATE

ACZ Sample ID: ***L84133-04***
Date Sampled: *09/01/10 00:00*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.05	B		mg/L	0.03	0.2	09/14/10 18:11	aeh
Antimony, dissolved	M200.8 ICP-MS	0.0007	B		mg/L	0.0004	0.002	09/23/10 0:57	msh
Arsenic, dissolved	M200.8 ICP-MS	0.0010	B		mg/L	0.0005	0.002	09/23/10 0:57	msh
Barium, dissolved	M200.7 ICP	0.150			mg/L	0.003	0.02	09/16/10 12:51	aeh
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	09/15/10 17:25	aeh
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:57	msh
Calcium, dissolved	M200.7 ICP	44.7			mg/L	0.2	1	09/14/10 18:11	aeh
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 18:11	aeh
Iron, dissolved	M200.7 ICP	0.04	B		mg/L	0.02	0.05	09/14/10 18:11	aeh
Lead, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/23/10 0:57	msh
Magnesium, dissolved	M200.7 ICP	8.3			mg/L	0.2	1	09/14/10 18:11	aeh
Manganese, dissolved	M200.7 ICP	0.005	B		mg/L	0.005	0.03	09/14/10 18:11	aeh
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	09/22/10 12:45	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	09/14/10 18:11	aeh
Nickel, dissolved	M200.8 ICP-MS	0.0018	B		mg/L	0.0006	0.003	09/23/10 0:57	msh
Potassium, dissolved	M200.7 ICP	4.2			mg/L	0.3	2	09/14/10 18:11	aeh
Selenium, dissolved	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0003	09/23/10 0:57	msh
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	09/14/10 18:11	aeh
Sodium, dissolved	M200.7 ICP	42.4			mg/L	0.3	2	09/14/10 18:11	aeh
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	09/24/10 6:15	msh
Uranium, dissolved	M200.8 ICP-MS	0.0021			mg/L	0.0001	0.0005	09/23/10 0:57	msh
Vanadium, dissolved	M200.7 ICP	0.008	B		mg/L	0.005	0.03	09/14/10 18:11	aeh
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	09/23/10 0:57	msh

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Chloride	SM4500Cl-E	61		*	mg/L	1	5	09/16/10 9:30	ccp
Lab Filtration	SM 3030 B			*				09/03/10 16:43	lhb
Lab Filtration & Acidification	SM 3030 B			*				09/09/10 13:55	cra
Residue, Filterable (TDS) @180C	SM2540C	280			mg/L	10	20	09/08/10 16:36	jjc
Sulfate	375.4 - Turbidimetric	36		*	mg/L	1	5	09/09/10 13:54	aml

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289274													
WG289274PQV1	PQV	09/08/10 13:05	WC100429-8	20		22.7	mg/L	113.5	50	150			
WG289274PBW1	PBW	09/08/10 13:12				U	mg/L		-20	20			
WG289274LCSW2	LCSW	09/08/10 13:26	WC100908-1	820.0001		805.6	mg/L	98.2	98	110			
WG289274PBW2	PBW	09/08/10 16:31				U	mg/L		-20	20			
WG289274LCSW5	LCSW	09/08/10 16:44	WC100908-1	820.0001		802.2	mg/L	97.8	98	110			
WG289274PBW3	PBW	09/08/10 20:06				U	mg/L		-20	20			
WG289274LCSW8	LCSW	09/08/10 20:18	WC100908-1	820.0001		796.8	mg/L	97.2	98	110			
L84133-01DUP	DUP	09/08/10 22:48			121	121.4	mg/L				0.3	20	
WG289274PBW4	PBW	09/08/10 22:55				U	mg/L		-20	20			
WG289274LCSW11	LCSW	09/08/10 23:07	WC100908-1	820.0001		803.5	mg/L	98	98	110			
L84153-06DUP	DUP	09/09/10 0:19			264	261.5	mg/L				1	20	
WG289274LCSW14	LCSW	09/09/10 2:17	WC100908-1	820.0001		812	mg/L	99	98	110			

Aluminum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		1.945	mg/L	97.3	95	105			
WG289590ICB	ICB	09/14/10 17:39				.036	mg/L		-0.09	0.09			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.15		.164	mg/L	109.3	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	200.15		189.318	mg/L	94.6	1	200			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	1		1.013	mg/L	101.3	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	1	.11	1.065	mg/L	95.5	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	1	.11	1.124	mg/L	101.4	85	115	5.39	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		.987	mg/L	98.7	90	110			
WG289590CCB1	CCB	09/14/10 18:26				.04	mg/L		-0.09	0.09			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		1.039	mg/L	103.9	90	110			
WG289590CCB2	CCB	09/14/10 19:03				.057	mg/L		-0.09	0.09			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		1.015	mg/L	101.5	90	110			
WG289590CCB3	CCB	09/14/10 19:25				.055	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
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.02		.02089	mg/L	104.5	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00088	0.00088			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.002		.00247	mg/L	123.5	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.01		.00972	mg/L	97.2	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.01	U	.00873	mg/L	87.3	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.01	U	.00913	mg/L	91.3	70	130	4.48	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.0125		.01261	mg/L	100.9	90	110			
WG290175CCB1	CCB	09/23/10 1:04				.00065	mg/L		-0.0012	0.0012			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.0125		.01277	mg/L	102.2	90	110			
WG290175CCB2	CCB	09/23/10 1:46				.00064	mg/L		-0.0012	0.0012			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.0125		.01258	mg/L	100.6	90	110			
WG290175CCB3	CCB	09/23/10 2:21				.00053	mg/L		-0.0012	0.0012			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.0517	mg/L	103.4	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.0011	0.0011			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.002002		.00183	mg/L	91.4	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05005		.04935	mg/L	98.6	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05005	.0012	.05293	mg/L	103.4	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05005	.0012	.05319	mg/L	103.9	70	130	0.49	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.25025		.2438	mg/L	97.4	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.0015	0.0015			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.25025		.247	mg/L	98.7	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.0015	0.0015			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.25025		.2519	mg/L	100.7	90	110			
WG290175CCB3	CCB	09/23/10 2:21				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
WG289694													
WG289694ICV	ICV	09/16/10 10:39	II100817-1	2		1.9714	mg/L	98.6	95	105			
WG289694ICB	ICB	09/16/10 10:43				U	mg/L		-0.009	0.009			
WG289737													
WG289737CCV1	CCV	09/16/10 12:11	II100817-2	1		.9991	mg/L	99.9	90	110			
WG289737CCB1	CCB	09/16/10 12:15				U	mg/L		-0.009	0.009			
WG289737PQV	PQV	09/16/10 12:19	II100903-2	.015		.0166	mg/L	110.7	70	130			
WG289737SIC	SIC	09/16/10 12:22	II100903-4	.1		.098	mg/L	98	80	120			
WG289737LFB	LFB	09/16/10 12:30	II100820-2	.5		.5084	mg/L	101.7	85	115			
L84133-02AS	AS	09/16/10 12:40	II100820-2	.5	.146	.6409	mg/L	99	85	115			
L84133-02ASD	ASD	09/16/10 12:44	II100820-2	.5	.146	.6501	mg/L	100.8	85	115	1.43	20	
WG289737CCV2	CCV	09/16/10 12:55	II100817-2	1		.9879	mg/L	98.8	90	110			
WG289737CCB2	CCB	09/16/10 12:58				U	mg/L		-0.009	0.009			
WG289737CCV3	CCV	09/16/10 13:38	II100817-2	1		.9935	mg/L	99.4	90	110			
WG289737CCB3	CCB	09/16/10 13:42				U	mg/L		-0.009	0.009			
WG289737CCV4	CCV	09/16/10 14:04	II100817-2	1		.9831	mg/L	98.3	90	110			
WG289737CCB4	CCB	09/16/10 14:08				U	mg/L		-0.009	0.009			

Beryllium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289662													
WG289662ICV	ICV	09/15/10 16:50	II100817-1	2		2.0587	mg/L	102.9	95	105			
WG289662ICB	ICB	09/15/10 16:54				U	mg/L		-0.006	0.006			
WG289662PQV	PQV	09/15/10 16:57	II100903-2	.01		.0084	mg/L	84	70	130			
WG289662SIC	SIC	09/15/10 17:00	II100903-4	.1		.102	mg/L	102	80	120			
WG289662LFB	LFB	09/15/10 17:06	II100820-2	.5		.5081	mg/L	101.6	85	115			
L84133-01AS	AS	09/15/10 17:12	II100820-2	.5	U	.5543	mg/L	110.9	85	115			
L84133-01ASD	ASD	09/15/10 17:15	II100820-2	.5	U	.5319	mg/L	106.4	85	115	4.12	20	
WG289662CCV1	CCV	09/15/10 17:37	II100817-2	1		1.0173	mg/L	101.7	90	110			
WG289662CCB1	CCB	09/15/10 17:40				U	mg/L		-0.006	0.006			
WG289662CCV2	CCV	09/15/10 17:46	II100817-2	1		.9963	mg/L	99.6	90	110			
WG289662CCB2	CCB	09/15/10 17:49				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Cadmium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.05044	mg/L	100.9	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00022	0.00022			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.0005005		.00048	mg/L	95.9	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05005		.04976	mg/L	99.4	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05005	U	.05036	mg/L	100.6	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05005	U	.05069	mg/L	101.3	70	130	0.65	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.1001		.09949	mg/L	99.4	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.0003	0.0003			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.1001		.09915	mg/L	99.1	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.0003	0.0003			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.1001		.1011	mg/L	101	90	110			
WG290175CCB3	CCB	09/23/10 2:21				U	mg/L		-0.0003	0.0003			

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	100		100.69	mg/L	100.7	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.6	0.6			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	1		.94	mg/L	94	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	201		205.39	mg/L	102.2	1	200			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	67.98099		70.12	mg/L	103.1	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	67.98099	44	113.73	mg/L	102.6	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	67.98099	44	115.89	mg/L	105.8	85	115	1.88	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	50		50.3	mg/L	100.6	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.6	0.6			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	50		49.48	mg/L	99	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.6	0.6			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	50		50.19	mg/L	100.4	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289726													
WG289726ICB	ICB	09/16/10 9:18				U	mg/L		-3	3			
WG289726ICV	ICV	09/16/10 9:18	WI100916-1	54.835		58.2	mg/L	106.1	90	110			
WG289726CCV1	CCV	09/16/10 9:29	WI100831-1	50		52.5	mg/L	105	90	110			
WG289726CCB1	CCB	09/16/10 9:29				U	mg/L		-3	3			
WG289726LFB1	LFB	09/16/10 9:29	WI100831-2	30		32.6	mg/L	108.7	90	110			
L84129-11AS	AS	09/16/10 9:29	WI100831-2	30	4	37.3	mg/L	111	90	110			M1
L84133-01DUP	DUP	09/16/10 9:29			59	59	mg/L				0	20	
WG289726CCV2	CCV	09/16/10 9:30	WI100831-1	50		52.4	mg/L	104.8	90	110			
WG289726CCB2	CCB	09/16/10 9:30				U	mg/L		-3	3			
WG289726CCV3	CCV	09/16/10 9:31	WI100831-1	50		52.3	mg/L	104.6	90	110			
WG289726CCB3	CCB	09/16/10 9:31				U	mg/L		-3	3			
WG289726CCV4	CCV	09/16/10 9:39	WI100831-1	50		52.3	mg/L	104.6	90	110			
WG289726CCB4	CCB	09/16/10 9:39				U	mg/L		-3	3			
WG289726CCV5	CCV	09/16/10 9:45	WI100831-1	50		52.7	mg/L	105.4	90	110			
WG289726CCB5	CCB	09/16/10 9:45				U	mg/L		-3	3			
WG289726LFB2	LFB	09/16/10 9:47	WI100831-2	30		32.2	mg/L	107.3	90	110			
WG289726CCV6	CCV	09/16/10 9:47	WI100831-1	50		52.9	mg/L	105.8	90	110			
WG289726CCB6	CCB	09/16/10 9:47				U	mg/L		-3	3			
WG289726CCV7	CCV	09/16/10 9:48	WI100831-1	50		52	mg/L	104	90	110			
WG289726CCB7	CCB	09/16/10 9:48				U	mg/L		-3	3			

Chromium, total M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289762													
WG289762ICV	ICV	09/16/10 19:17	II100817-3	2		2.017	mg/L	100.9	95	105			
WG289762ICB	ICB	09/16/10 19:21				U	mg/L		-0.03	0.03			
WG289762PQV	PQV	09/16/10 19:24	II100903-2	.05		.057	mg/L	114	70	130			
WG289762SIC	SIC	09/16/10 19:27	II100903-3	.1		.111	mg/L	111	80	120			
WG289639LRB	LRB	09/16/10 19:33				U	mg/L		-0.022	0.022			
WG289639LFB	LFB	09/16/10 19:36	II100820-2	.5		.545	mg/L	109	85	115			
WG289762CCV1	CCV	09/16/10 20:03	II100817-4	1		1.031	mg/L	103.1	90	110			
WG289762CCB1	CCB	09/16/10 20:06				U	mg/L		-0.03	0.03			
L84129-11LFM	LFM	09/16/10 20:25	II100820-2	.5	U	.581	mg/L	116.2	70	130			
L84129-11LFMD	LFMD	09/16/10 20:28	II100820-2	.5	U	.573	mg/L	114.6	70	130	1.39	20	
WG289762CCV2	CCV	09/16/10 20:40	II100817-4	1		1.046	mg/L	104.6	90	110			
WG289762CCB2	CCB	09/16/10 20:43				U	mg/L		-0.03	0.03			
WG289762CCV3	CCV	09/16/10 21:04	II100817-4	1		1.031	mg/L	103.1	90	110			
WG289762CCB3	CCB	09/16/10 21:07				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		1.923	mg/L	96.2	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.03	0.03			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.05		.056	mg/L	112	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	.1		.099	mg/L	99	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	.5		.481	mg/L	96.2	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	.5	U	.512	mg/L	102.4	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	.5	U	.515	mg/L	103	85	115	0.58	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		.953	mg/L	95.3	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.03	0.03			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		.957	mg/L	95.7	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.03	0.03			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		.958	mg/L	95.8	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.03	0.03			

Fluoride SM4500F-C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289363													
WG289363ICV	ICV	09/09/10 13:05	WC100830-1	2		2.03	mg/L	101.5	95	105			
WG289363ICB	ICB	09/09/10 13:12				U	mg/L		-0.3	0.3			
WG289363PQV	PQV	09/09/10 13:17	WC100707-2	.5		.49	mg/L	98	70	130			
WG289363LFB1	LFB	09/09/10 13:20	WC100707-3	5		5	mg/L	100	90	110			
WG289363CCV1	CCV	09/09/10 14:07	WC100830-1	2		2	mg/L	100	90	110			
WG289363CCB1	CCB	09/09/10 14:15				U	mg/L		-0.3	0.3			
L84132-02AS	AS	09/09/10 14:40	WC100707-3	5	7	11.68	mg/L	93.6	90	110			
L84132-02DUP	DUP	09/09/10 14:44			7	6.94	mg/L				0.9	20	
WG289363CCV2	CCV	09/09/10 15:06	WC100830-1	2		2.03	mg/L	101.5	90	110			
WG289363CCB2	CCB	09/09/10 15:13				U	mg/L		-0.3	0.3			
WG289363LFB2	LFB	09/09/10 15:38	WC100707-3	5		4.93	mg/L	98.6	90	110			
WG289363CCV3	CCV	09/09/10 15:51	WC100830-1	2		2.04	mg/L	102	90	110			
WG289363CCB3	CCB	09/09/10 15:59				U	mg/L		-0.3	0.3			
WG289363CCV4	CCV	09/09/10 16:35	WC100830-1	2		2.02	mg/L	101	90	110			
WG289363CCB4	CCB	09/09/10 16:43				U	mg/L		-0.3	0.3			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		1.964	mg/L	98.2	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.06	0.06			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.05		.064	mg/L	128	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	200.05		194.635	mg/L	97.3	1	200			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	1		1.002	mg/L	100.2	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	1	.05	1.092	mg/L	104.2	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	1	.05	1.096	mg/L	104.6	85	115	0.37	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		1.019	mg/L	101.9	90	110			
WG289590CCB1	CCB	09/14/10 18:26				.023	mg/L		-0.06	0.06			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		1.025	mg/L	102.5	90	110			
WG289590CCB2	CCB	09/14/10 19:03				.037	mg/L		-0.06	0.06			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		.994	mg/L	99.4	90	110			
WG289590CCB3	CCB	09/14/10 19:25				.028	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
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.04894	mg/L	97.9	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00022	0.00022			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.0005005		.00045	mg/L	89.9	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05005		.04775	mg/L	95.4	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05005	U	.04918	mg/L	98.3	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05005	U	.05022	mg/L	100.3	70	130	2.09	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.25025		.2496	mg/L	99.7	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.0003	0.0003			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.25025		.2497	mg/L	99.8	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.0003	0.0003			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.25025		.2421	mg/L	96.7	90	110			
WG290175CCB3	CCB	09/23/10 2:21				U	mg/L		-0.0003	0.0003			

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	100		101.15	mg/L	101.2	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.6	0.6			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	1.001		.96	mg/L	95.9	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	201.201		214.41	mg/L	106.6	1	200			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	49.99752		51.32	mg/L	102.6	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	49.99752	8.2	61.17	mg/L	105.9	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	49.99752	8.2	62.74	mg/L	109.1	85	115	2.53	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	50		49.81	mg/L	99.6	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.6	0.6			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	50		50.02	mg/L	100	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.6	0.6			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	50		51.22	mg/L	102.4	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Manganese, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		1.9182	mg/L	95.9	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.015	0.015			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.025		.0275	mg/L	110	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	50.025		45.6437	mg/L	91.2	1	200			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	.5		.5179	mg/L	103.6	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	.5	.007	.5481	mg/L	108.2	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	.5	.007	.5493	mg/L	108.5	85	115	0.22	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		.9696	mg/L	97	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.015	0.015			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		1.0057	mg/L	100.6	90	110			
WG289590CCB2	CCB	09/14/10 19:03				.0068	mg/L		-0.015	0.015			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		1.0036	mg/L	100.4	90	110			
WG289590CCB3	CCB	09/14/10 19:25				.0052	mg/L		-0.015	0.015			

Mercury, dissolved M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289981													
WG289981ICV	ICV	09/22/10 11:59	II100916-1	.005015		.00509	mg/L	101.5	95	105			
WG289981ICB	ICB	09/22/10 12:00				U	mg/L		-0.0002	0.0002			
WG289981PQV	PQV	09/22/10 12:03	II100914-2	.001001		.00103	mg/L	102.9	70	130			
WG289981LRB	LRB	09/22/10 12:05				U	mg/L		-0.00044	0.00044			
WG289981LFB	LFB	09/22/10 12:07	II100914-4	.002002		.00171	mg/L	85.4	85	115			
WG289981CCV1	CCV	09/22/10 12:24	II100916-1	.005015		.00508	mg/L	101.3	90	110			
WG289981CCB1	CCB	09/22/10 12:26				U	mg/L		-0.0002	0.0002			
WG289981CCV2	CCV	09/22/10 12:49	II100916-1	.005015		.00503	mg/L	100.3	90	110			
WG289981CCB2	CCB	09/22/10 12:51				U	mg/L		-0.0002	0.0002			
L84284-02LFM	LFM	09/22/10 12:57	II100914-4	.002002	U	.00178	mg/L	88.9	85	115			
L84284-02LFMD	LFMD	09/22/10 12:59	II100914-4	.002002	U	.00179	mg/L	89.4	85	115	0.56	20	
WG289981CCV3	CCV	09/22/10 13:15	II100916-1	.005015		.00507	mg/L	101.1	90	110			
WG289981CCB3	CCB	09/22/10 13:17				U	mg/L		-0.0002	0.0002			

Molybdenum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		2.052	mg/L	102.6	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.03	0.03			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.05		.06	mg/L	120	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	.1		.11	mg/L	110	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	.5		.525	mg/L	105	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	.5	U	.519	mg/L	103.8	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	.5	U	.54	mg/L	108	85	115	3.97	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		.996	mg/L	99.6	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.03	0.03			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		.979	mg/L	97.9	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.03	0.03			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		.979	mg/L	97.9	90	110			
WG289590CCB3	CCB	09/14/10 19:25				.012	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Nickel, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.04981	mg/L	99.6	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00132	0.00132			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.003003		.00279	mg/L	92.9	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05005		.0483	mg/L	96.5	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05005	.0017	.04877	mg/L	94	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05005	.0017	.04902	mg/L	94.5	70	130	0.51	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.25025		.2522	mg/L	100.8	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.0018	0.0018			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.25025		.2433	mg/L	97.2	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.0018	0.0018			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.25025		.2513	mg/L	100.4	90	110			
WG290175CCB3	CCB	09/23/10 2:21				U	mg/L		-0.0018	0.0018			

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289880													
WG289880ICV	ICV	09/17/10 19:41	WI100624-5	2.416		2.269	mg/L	93.9	90	110			
WG289880ICB	ICB	09/17/10 19:43				U	mg/L		-0.06	0.06			
WG289883													
WG289883CCV1	CCV	09/17/10 21:10	WI100914-1	2		1.912	mg/L	95.6	90	110			
WG289883CCB1	CCB	09/17/10 21:13				U	mg/L		-0.06	0.06			
WG289883LFB1	LFB	09/17/10 21:14	WI100319-1	2		1.928	mg/L	96.4	90	110			
WG289883CCV2	CCV	09/17/10 21:27	WI100914-1	2		1.893	mg/L	94.7	90	110			
WG289883CCB2	CCB	09/17/10 21:31				U	mg/L		-0.06	0.06			
L84129-11AS	AS	09/17/10 21:37	WI100319-1	2	U	1.98	mg/L	99	90	110			
L84133-01DUP	DUP	09/17/10 21:40			.03	.033	mg/L				9.5	20	RA
WG289883CCV3	CCV	09/17/10 21:45	WI100914-1	2		1.868	mg/L	93.4	90	110			
WG289883CCB3	CCB	09/17/10 21:48				U	mg/L		-0.06	0.06			
WG289883LFB2	LFB	09/17/10 21:56	WI100319-1	2		1.883	mg/L	94.2	90	110			
WG289883CCV4	CCV	09/17/10 22:03	WI100914-1	2		1.853	mg/L	92.7	90	110			
WG289883CCB4	CCB	09/17/10 22:06				U	mg/L		-0.06	0.06			
WG289883CCV6	CCV	09/17/10 22:26	WI100914-1	2		1.899	mg/L	95	90	110			
WG289883CCB5	CCB	09/17/10 22:29				U	mg/L		-0.06	0.06			
WG289883CCV7	CCV	09/17/10 22:44	WI100914-1	2		1.89	mg/L	94.5	90	110			
WG289883CCB6	CCB	09/17/10 22:47				U	mg/L		-0.06	0.06			
WG289883CCV8	CCV	09/17/10 22:53	WI100914-1	2		1.884	mg/L	94.2	90	110			
WG289883CCB7	CCB	09/17/10 22:57				U	mg/L		-0.06	0.06			

pH (lab) M150.1 - Electrometric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289274													
WG289274LCSW3	LCSW	09/08/10 13:29	PCN34991	6		6.06	units	101	98	102			
WG289274LCSW6	LCSW	09/08/10 16:48	PCN34991	6		6.05	units	100.8	98	102			
WG289274LCSW9	LCSW	09/08/10 20:21	PCN34991	6		6.05	units	100.8	98	102			
L84133-01DUP	DUP	09/08/10 22:48			8.3	8.39	units				1.1	20	
WG289274LCSW12	LCSW	09/08/10 23:11	PCN34991	6		6.04	units	100.7	98	102			
L84153-06DUP	DUP	09/09/10 0:19			8.4	8.36	units				0.5	20	
WG289274LCSW15	LCSW	09/09/10 2:20	PCN34991	6		6.04	units	100.7	98	102			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Potassium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	20		19.99	mg/L	100	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.9	0.9			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	1.5		1.59	mg/L	106	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	1.5		1.29	mg/L	86	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	99.94015		101.53	mg/L	101.6	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	99.94015	3.9	107.16	mg/L	103.3	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	99.94015	3.9	109.75	mg/L	105.9	85	115	2.39	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	10		9.72	mg/L	97.2	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.9	0.9			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	10		9.94	mg/L	99.4	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.9	0.9			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	10		9.78	mg/L	97.8	90	110			
WG289590CCB3	CCB	09/14/10 19:25				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
WG289203													
WG289203PBW	PBW	09/07/10 11:45				U	mg/L		-20	20			
WG289203LCSW	LCSW	09/07/10 11:45	PCN34810	260		250	mg/L	96.2	80	120			
L84133-03DUP	DUP	09/07/10 11:59			420	424	mg/L				0.9	20	
WG289310													
WG289310PBW	PBW	09/08/10 16:25				U	mg/L		-20	20			
WG289310LCSW	LCSW	09/08/10 16:25	PCN34810	260		248	mg/L	95.4	80	120			
L84135-02DUP	DUP	09/08/10 16:39			1870	1876	mg/L				0.3	20	

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

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289165													
WG289165PBW	PBW	09/04/10 12:30				U	mg/L		-15	15			
WG289165LCSW	LCSW	09/04/10 12:31	PCN34810	160		161	mg/L	100.6	80	120			
L84133-02DUP	DUP	09/04/10 12:50			227	222	mg/L				2.2	20	
L84153-08DUP	DUP	09/04/10 13:09			24700	25800	mg/L				4.4	20	

Selenium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.05433	mg/L	108.7	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00022	0.00022			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.00025025		.00024	mg/L	95.9	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05005		.05154	mg/L	103	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05005	.0007	.05789	mg/L	114.3	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05005	.0007	.05862	mg/L	115.7	70	130	1.25	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.25025		.2635	mg/L	105.3	90	110			
WG290175CCB1	CCB	09/23/10 1:04				.00013	mg/L		-0.0003	0.0003			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.25025		.249	mg/L	99.5	90	110			
WG290175CCB2	CCB	09/23/10 1:46				.00013	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Silica, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	42.8		41	mg/L	95.8	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-1.2	1.2			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	2.14		2.07	mg/L	96.7	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	2.14		2.06	mg/L	96.3	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	21.4		20.57	mg/L	96.1	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	21.4	3.4	24.95	mg/L	100.7	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	21.4	3.4	25.05	mg/L	101.2	85	115	0.4	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	21.4		20.44	mg/L	95.5	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-1.2	1.2			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	21.4		21.03	mg/L	98.3	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-1.2	1.2			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	21.4		21.11	mg/L	98.6	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-1.2	1.2			

Silver, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	1.001		.982	mg/L	98.1	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.03	0.03			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.025		.026	mg/L	104	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	.1		.1	mg/L	100	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	.5		.473	mg/L	94.6	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	.5	U	.402	mg/L	80.4	85	115			M2 ZA
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	.5	U	.397	mg/L	79.4	85	115	1.25	20	M2 ZA
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	.5005		.48	mg/L	95.9	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.03	0.03			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	.5005		.497	mg/L	99.3	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.03	0.03			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	.5005		.502	mg/L	100.3	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.03	0.03			

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	100		100.27	mg/L	100.3	95	105			
WG289590ICB	ICB	09/14/10 17:39				U	mg/L		-0.9	0.9			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	1.5		1.59	mg/L	106	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	1.5		1.54	mg/L	102.7	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	100.0259		102.61	mg/L	102.6	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	100.0259	40.7	140.46	mg/L	99.7	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	100.0259	40.7	143.3	mg/L	102.6	85	115	2	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	50		50.23	mg/L	100.5	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.9	0.9			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	50		50.68	mg/L	101.4	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.9	0.9			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	50		50.64	mg/L	101.3	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Sulfate 375.4 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG289374													
WG289374ICB	ICB	09/09/10 10:51				U	mg/L		-3	3			
WG289374ICV	ICV	09/09/10 10:51	WI100908-1	20		20.2	mg/L	101	90	110			
WG289374CCV1	CCV	09/09/10 13:49	WI100908-1	25		25.4	mg/L	101.6	90	110			
WG289374CCB1	CCB	09/09/10 13:49				U	mg/L		-3	3			
WG289374LFB1	LFB	09/09/10 13:49	WI100816-2	10		9.6	mg/L	96	90	110			
WG289374CCV2	CCV	09/09/10 13:52	WI100908-1	25		25.2	mg/L	100.8	90	110			
WG289374CCB2	CCB	09/09/10 13:52				U	mg/L		-3	3			
WG289374CCV3	CCV	09/09/10 13:54	WI100908-1	25		25.2	mg/L	100.8	90	110			
WG289374CCB3	CCB	09/09/10 13:54				U	mg/L		-3	3			
WG289374LFB2	LFB	09/09/10 13:54	WI100816-2	10		10	mg/L	100	90	110			
WG289374CCV4	CCV	09/09/10 13:55	WI100908-1	25		25	mg/L	100	90	110			
WG289374CCB4	CCB	09/09/10 13:55				U	mg/L		-3	3			
WG289374CCV5	CCV	09/09/10 13:58	WI100908-1	25		25.2	mg/L	100.8	90	110			
WG289374CCB5	CCB	09/09/10 13:58				U	mg/L		-3	3			
WG289374CCV6	CCV	09/09/10 14:00	WI100908-1	25		24.9	mg/L	99.6	90	110			
WG289374CCB6	CCB	09/09/10 14:00				U	mg/L		-3	3			
L84132-07AS	AS	09/09/10 14:03	SO4TURB5X	10	137	145.5	mg/L	85	90	110			M3
WG289374CCV7	CCV	09/09/10 14:05	WI100908-1	25		25.1	mg/L	100.4	90	110			
WG289374CCB7	CCB	09/09/10 14:05				U	mg/L		-3	3			
WG289374CCV8	CCV	09/09/10 14:06	WI100908-1	25		24.7	mg/L	98.8	90	110			
WG289374CCB8	CCB	09/09/10 14:06				U	mg/L		-3	3			
WG289374CCV9	CCV	09/09/10 14:12	WI100908-1	25		25.8	mg/L	103.2	90	110			
WG289374CCB9	CCB	09/09/10 14:12				U	mg/L		-3	3			
L84132-05DUP	DUP	09/09/10 14:14			260	255	mg/L				1.9	20	
WG289374CCV10	CCV	09/09/10 14:16	WI100908-1	25		25.4	mg/L	101.6	90	110			
WG289374CCB10	CCB	09/09/10 14:16				U	mg/L		-3	3			
WG289374CCV11	CCV	09/09/10 14:20	WI100908-1	25		25	mg/L	100	90	110			
WG289374CCB11	CCB	09/09/10 14:20				U	mg/L		-3	3			
WG289374CCV12	CCV	09/09/10 14:46	WI100908-1	25		24.9	mg/L	99.6	90	110			
WG289374CCB12	CCB	09/09/10 14:46				U	mg/L		-3	3			
WG289374CCV13	CCV	09/09/10 14:47	WI100908-1	25		25.4	mg/L	101.6	90	110			
WG289374CCB13	CCB	09/09/10 14:47				U	mg/L		-3	3			

Thallium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290254													
WG290254ICV	ICV	09/24/10 5:40	MS100812-2	.05		.05417	mg/L	108.3	90	110			
WG290254ICB	ICB	09/24/10 5:47				U	mg/L		-0.00022	0.00022			
WG290254PQV	PQV	09/24/10 5:50	MS100918-1	.000501		.00046	mg/L	91.8	70	130			
WG290254LFB	LFB	09/24/10 5:54	MS100908-3	.0501		.04821	mg/L	96.2	85	115			
L84133-03AS	AS	09/24/10 6:08	MS100908-3	.0501	U	.05191	mg/L	103.6	70	130			
L84133-03ASD	ASD	09/24/10 6:12	MS100908-3	.0501	U	.05048	mg/L	100.8	70	130	2.79	20	
WG290254CCV1	CCV	09/24/10 6:19	MS100914-4	.1		.1009	mg/L	100.9	90	110			
WG290254CCB1	CCB	09/24/10 6:22				U	mg/L		-0.0003	0.0003			
WG290254CCV2	CCV	09/24/10 7:02	MS100914-4	.1		.1012	mg/L	101.2	90	110			
WG290254CCB2	CCB	09/24/10 7:05				U	mg/L		-0.0003	0.0003			
WG290254CCV3	CCV	09/24/10 7:37	MS100914-4	.1		.1023	mg/L	102.3	90	110			
WG290254CCB3	CCB	09/24/10 7:41				U	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Uranium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.053	mg/L	106	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.00022	0.00022			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.0005		.00045	mg/L	90	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.05		.05121	mg/L	102.4	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.05	.0017	.05576	mg/L	108.1	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.05	.0017	.05696	mg/L	110.5	70	130	2.13	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.1		.09959	mg/L	99.6	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.0003	0.0003			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.1		.1008	mg/L	100.8	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.0003	0.0003			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.1		.09504	mg/L	95	90	110			
WG290175CCB3	CCB	09/23/10 2:21				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
WG289590													
WG289590ICV	ICV	09/14/10 17:35	II100817-1	2		2.0572	mg/L	102.9	95	105			
WG289590ICB	ICB	09/14/10 17:39				.0053	mg/L		-0.015	0.015			
WG289590PQV	PQV	09/14/10 17:43	II100903-2	.025		.0281	mg/L	112.4	70	130			
WG289590SIC	SIC	09/14/10 17:46	II100903-4	.1		.1142	mg/L	114.2	80	120			
WG289590LFB	LFB	09/14/10 17:52	II100820-2	.5		.5297	mg/L	105.9	85	115			
L84133-01AS	AS	09/14/10 17:58	II100820-2	.5	.008	.5393	mg/L	106.3	85	115			
L84133-01ASD	ASD	09/14/10 18:01	II100820-2	.5	.008	.5547	mg/L	109.3	85	115	2.82	20	
WG289590CCV1	CCV	09/14/10 18:23	II100817-2	1		1.0151	mg/L	101.5	90	110			
WG289590CCB1	CCB	09/14/10 18:26				U	mg/L		-0.015	0.015			
WG289590CCV2	CCV	09/14/10 19:00	II100817-2	1		1.0413	mg/L	104.1	90	110			
WG289590CCB2	CCB	09/14/10 19:03				U	mg/L		-0.015	0.015			
WG289590CCV3	CCV	09/14/10 19:22	II100817-2	1		1.0428	mg/L	104.3	90	110			
WG289590CCB3	CCB	09/14/10 19:25				U	mg/L		-0.015	0.015			

Zinc, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG290175													
WG290175ICV	ICV	09/23/10 0:22	MS100812-2	.05		.05	mg/L	100	90	110			
WG290175ICB	ICB	09/23/10 0:29				U	mg/L		-0.0044	0.0044			
WG290175PQV	PQV	09/23/10 0:32	MS100918-1	.0050005		.0047	mg/L	94	70	130			
WG290175LFB	LFB	09/23/10 0:36	MS100908-3	.050005		.0517	mg/L	103.4	85	115			
L84133-03AS	AS	09/23/10 0:50	MS100908-3	.050005	U	.054	mg/L	108	70	130			
L84133-03ASD	ASD	09/23/10 0:53	MS100908-3	.050005	U	.0549	mg/L	109.8	70	130	1.65	20	
WG290175CCV1	CCV	09/23/10 1:00	MS100914-4	.50005		.5095	mg/L	101.9	90	110			
WG290175CCB1	CCB	09/23/10 1:04				U	mg/L		-0.006	0.006			
WG290175CCV2	CCV	09/23/10 1:42	MS100914-4	.50005		.503	mg/L	100.6	90	110			
WG290175CCB2	CCB	09/23/10 1:46				U	mg/L		-0.006	0.006			
WG290175CCV3	CCV	09/23/10 2:18	MS100914-4	.50005		.516	mg/L	103.2	90	110			
WG290175CCB3	CCB	09/23/10 2:21				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L84133-01	WG289590	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.
	WG289726	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG289883	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).
	WG289165	Residue, Non-Filterable (TSS) @105C	SM2540D	DF	Sample required dilution due to high sediment.
	WG289374	Sulfate	375.4 - Turbidimetric	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.
L84133-02	WG289590	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.
	WG289726	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG289883	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).
	WG289374	Sulfate	375.4 - Turbidimetric	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.
L84133-03	WG289590	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.
	WG289726	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG289883	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).
	WG289165	Residue, Non-Filterable (TSS) @105C	SM2540D	DF	Sample required dilution due to high sediment.
	WG289374	Sulfate	375.4 - Turbidimetric	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.
L84133-04	WG289590	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.
	WG289726	Chloride	SM4500Cl-E	M1	Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG289374	Sulfate	375.4 - Turbidimetric	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.

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L84133-01***
Date Sampled: *09/01/10 13:35*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	09/20/10 12:20		-0.06	1.7	2	pCi/L		meg/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	09/22/10 12:32		0.0	1.5	4.5	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	09/22/10 12:32		7.7	3.6	9.9	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 15:32		0.2	0.1	0.32	pCi/L		meg/mtb

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 13:56		2	0.42	0.74	pCi/L		meg/mtb

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	09/13/10 14:55		0.48	0.56	0.92	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-UP
Locator:

ACZ Sample ID: ***L84133-01***
Date Sampled: *09/01/10 13:35*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	09/13/10 14:55		4.8	3.2	6.9	pCi/L	*	tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:14		0.46	0.88	0.65	pCi/L	*	jjg
Thorium 230	09/23/10 17:14		0.87	0.96	1.7	pCi/L	*	jjg
Thorium 232	09/23/10 17:14		1.18	0.76	0.65	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:14		-0.15	0.27	0.23	pCi/L	*	jjg
Thorium 230	09/23/10 17:14		-0.09	0.32	0.61	pCi/L	*	jjg
Thorium 232	09/23/10 17:14		0.0	0.16	0.23	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-DOWN
Locator:

ACZ Sample ID: ***L84133-02***
Date Sampled: *09/01/10 14:38*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	09/20/10 12:21		0.4	1.9	2.3	pCi/L		meg/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	09/22/10 12:32		1.2	1.1	3.2	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	09/22/10 12:32		0.0	2	5.9	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 15:33		0.21	0.1	0.33	pCi/L		meg/mtb

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 13:58		0.94	0.3	0.75	pCi/L		meg/mtb

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	09/13/10 14:55		0.0	0.63	1.7	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-DOWN
Locator:

ACZ Sample ID: ***L84133-02***
Date Sampled: *09/01/10 14:38*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	09/13/10 14:55		3	2.7	7	pCi/L	*	tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:15		-0.09	0.5	0.43	pCi/L	*	jjg
Thorium 230	09/23/10 17:15		0.2	0.54	1.1	pCi/L	*	jjg
Thorium 232	09/23/10 17:15		-0.11	0.25	0.43	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:15		0.07	0.24	0.21	pCi/L	*	jjg
Thorium 230	09/23/10 17:15		0.06	0.22	0.54	pCi/L	*	jjg
Thorium 232	09/23/10 17:15		-0.02	0.13	0.21	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L84133-03***
Date Sampled: *09/01/10 16:28*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	09/20/10 12:23		-0.08	1.7	2.2	pCi/L		meg/mtb

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	09/22/10 12:32		0.61	1.2	3.4	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	09/22/10 12:32		0.0	4	12	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 15:35		0.24	0.1	0.31	pCi/L		meg/mtb

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	09/21/10 13:59		0.93	0.31	0.79	pCi/L		meg/mtb

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	09/13/10 16:30		0.37	0.61	1.2	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-MID
Locator:

ACZ Sample ID: ***L84133-03***
Date Sampled: *09/01/10 16:28*
Date Received: *09/03/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	09/13/10 14:55		0.21	2.5	5.8	pCi/L	*	tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:17		0.29	0.57	0.42	pCi/L	*	jjg
Thorium 230	09/23/10 17:17		1.4	0.64	1.1	pCi/L	*	jjg
Thorium 232	09/23/10 17:17		0.9	0.5	0.42	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	09/23/10 17:17		-0.13	0.23	0.23	pCi/L	*	jjg
Thorium 230	09/23/10 17:17		1.2	0.49	0.6	pCi/L	*	jjg
Thorium 232	09/23/10 17:17		0.56	0.3	0.23	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

Gross Alpha, dissolved M9310 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG290064																
WG289549PBW	PBW	09/20/10						.6	0.97	0.94			1.88			
WG289549LCSW	LCSW	09/20/10	RC091218-1	81.06				98	8.5	1.4	120.9	63	146			
L84197-01DUP	DUP-RER	09/20/10			0.22	0.9	1	.09	0.87	1				0.1	2	
L84129-02MS	MS	09/20/10	RC091218-1	81.06	1	1.5	1.9	88	9.3	1.9	107.3	63	146			

Lead 210, dissolved EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG290181																
L84133-01DUP	DUP-RER	09/22/10			0	1.5	4.5	0	1.7	5.1				0	2	
WG289650LCSW	LCSW	09/22/10	RC100623-1	76.83				46	2.2	3.8	59.9	47	102			
WG289650PBW	PBW	09/22/10						2.3	1.2	3.4			6.8			
L84133-02MS	MS	09/22/10	RC100623-1	76.83	1.2	1.1	3.2	53	2.5	4.2	67.4	47	102			

Lead 210, total EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG290182																
WG289650PBW	PBW	09/22/10						2.3	1.2	3.4			6.8			
L84133-01DUP	DUP-RER	09/22/10			7.7	3.6	9.9	6.1	3.6	10				0.31	2	
WG289650LCSW	LCSW	09/22/10	RC100623-1	76.83				46	2.2	3.8	59.9	47	102			
L84133-02MS	MS	09/22/10	RC100623-1	128.06	0	2	5.9	67	3.4	5.7	52.3	47	102			

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
WG290256																
WG289334PBW	PBW	09/21/10						.01	0.03	0.19			0.38			
WG289334LCSW	LCSW	09/21/10	RC100624-2	23.92				24	1	0.37	100.4	71	121			
L84133-01DUP	DUP-RER	09/21/10			0.2	0.1	0.32	.25	0.1	0.31				0.35	2	
L84133-02DUP	DUP-RER	09/21/10			0.21	0.1	0.33	.27	0.11	0.3				0.4	2	
L84133-03MS	MS	09/21/10	RC100624-2	23.92	0.24	0.1	0.31	25	0.91	0.3	103.5	71	121			

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
WG290095																
WG289258PBW	PBW	09/21/10						.02	0.03	0.15			0.3			
WG289258LCSW	LCSW	09/21/10	RC100624-2	23.92				25	0.93	0.31	104.5	71	121			
L84133-01DUP	DUP-RER	09/21/10			2	0.42	0.74	1.3	0.35	0.73				1.28	2	
L84133-03DUP	DUP-RER	09/21/10			0.93	0.31	0.79	1.3	0.34	0.72				0.8	2	
L84133-02MS	MS	09/21/10	RC100624-2	59.79	0.94	0.3	0.75	65	2.3	0.72	107.1	71	121			

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

Project ID: PINON RIDGE

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
WG289641																
WG289427LCSW	LCSW	09/13/10	PCN35635	19.82				17	1.3	1.4	85.8	49	132			
WG289427PBW	PBW	09/13/10						.31	0.31	0.56			1.12			
L83908-02MS	MS	09/13/10	PCN35635	19.82	0.32	0.51	0.86	15	1.3	1	74.1	49	132			
L83908-01DUP	DUP-RER	09/13/10			0.42	0.54	1.3	.9	0.6	1.4				0.59	2	
L84197-01DUP	DUP-RER	09/13/10			0.13	0.27	0.5	.38	0.29	0.46				0.63	2	

Radium 228, total M904.0 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG289653																
WG289427LCSW	LCSW	09/13/10	PCN35635	19.82				17	1.3	1.4	85.8	49	132			
WG289427PBW	PBW	09/13/10						.31	0.31	0.56			1.12			
L83908-01DUP	DUP-RER	09/13/10			0.42	0.54	1.3	.9	0.6	1.4				0.59	2	
L83908-02MS	MS	09/13/10	PCN35635	19.82	0.32	0.51	0.86	15	1.3	1	74.1	49	132			
L84197-01DUP	DUP-RER	09/13/10			0.13	0.27	0.5	.38	0.29	0.46				0.63	2	

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
WG290642																
WG290132PBW	PBW	09/23/10						-.11	0.27	0.23			0.46			
L84081-01DUP	DUP-RER	09/23/10			0.47	0.3	0.23	-.05	0.27	0.21				1.29	2	
L84340-04DUP	DUP-RER	09/23/10			-0.05	0.24	0.22	.16	0.3	0.24				0.55	2	
WG290643																
WG290132PBW	PBW	09/23/10						-.11	0.27	0.23			0.46			
L84081-01DUP	DUP-RER	09/23/10			0.47	0.3	0.23	-.05	0.27	0.21				1.29	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
WG290642																
WG290132PBW	PBW	09/23/10						.09	0.28	0.6			1.2			
WG290132LCSW	LCSW	09/23/10	RC091215-1	162.12				160	4.1	0.56	98.7	90	120			
L84081-01DUP	DUP-RER	09/23/10			4	0.71	0.6	3.5	0.69	0.56				0.5	2	
L84340-04DUP	DUP-RER	09/23/10			0.39	0.34	0.57	.07	0.25	0.63				0.76	2	
L84081-01MS	MS	09/23/10	RC091215-1	162.12	4	0.71	0.6	170	4.6	0.62	102.4	90	120			
WG290643																
WG290132PBW	PBW	09/23/10						.09	0.28	0.6			1.2			
WG290132LCSW	LCSW	09/23/10	RC091215-1	162.12				160	4.1	0.56	98.7	90	120			
L84081-01DUP	DUP-RER	09/23/10			4	0.71	0.6	3.5	0.69	0.56				0.5	2	
L84081-01MS	MS	09/23/10	RC091215-1	162.12	4	0.71	0.6	170	4.6	0.62	102.4	90	120			

Radiochemistry QC Summary

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L84133***

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
WG290642																
WG290132PBW	PBW	09/23/10						.03	0.1	0.23			0.46			
L84081-01DUP	DUP-RER	09/23/10			0.32	0.21	0.23	.05	0.16	0.21				1.02	2	
L84340-04DUP	DUP-RER	09/23/10			0.05	0.1	0.22	-.03	0.15	0.24				0.44	2	
WG290643																
WG290132PBW	PBW	09/23/10						.03	0.1	0.23			0.46			
L84081-01DUP	DUP-RER	09/23/10			0.32	0.21	0.23	.05	0.16	0.21				1.02	2	

Energy Fuels Resources Corporation ACZ Project ID: ***L84133***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L84133-01	WG290182	Lead 210, total	EICHROM, OTW01	DF	Sample required dilution due to high sediment.
	WG289653	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
	WG290643	Thorium 228	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 230	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 232	ESM 4506	DF	Sample required dilution due to high sediment.
L84133-02	WG290182	Lead 210, total	EICHROM, OTW01	DF	Sample required dilution due to high sediment.
	WG289653	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
	WG290643	Thorium 228	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 230	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 232	ESM 4506	DF	Sample required dilution due to high sediment.
L84133-03	WG290182	Lead 210, total	EICHROM, OTW01	DF	Sample required dilution due to high sediment.
	WG289653	Radium 228, total	M904.0	DF	Sample required dilution due to high sediment.
	WG290643	Thorium 228	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 230	ESM 4506	DF	Sample required dilution due to high sediment.
		Thorium 232	ESM 4506	DF	Sample required dilution due to high sediment.

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.	
Lead 210, dissolved	EICHROM, OTW01
Lead 210, total	EICHROM, OTW01
Thorium 228	ESM 4506
Thorium 230	ESM 4506
Thorium 232	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

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
PINON RIDGE

ACZ Project ID: L84133
Date Received: 09/03/2010 11:07
Received By: gac
Date Printed: 9/7/2010

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) Are the trip blanks (VOA and/or Cyanide) present?			X
12) Are samples requiring no headspace, headspace free?			X
13) 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)
2722		5.3	20
2633		18.4	17
2645		5.6	19

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

Notes

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation
PINON RIDGE

ACZ Project ID: L84133
Date Received: 09/03/2010 11:07
Received By: gac
Date Printed: 9/7/2010

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
L84133-01	DR-UP	Y			Y							
L84133-02	DR-DOWN	Y			Y							
L84133-03	DR-MID	Y			Y							
L84133-04	DR-DUPLICATE									X		

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: gac

ACZ Laboratories, Inc. L84133

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Zach Rogers
Company: Energy Fuels Resources
E-mail: z.rogers@energyfuels.com
Address: 44 Union Blvd Suite 600
Lakewood, CO 80228
Telephone: 303-974-2151

Copy of Report to:

Name:
Company:
E-mail:
Telephone:

Invoice to:

Name: Same as above
Company:
E-mail:
Address: Same as above
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? YES Yes NO Yes
If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

PROJECT INFORMATION

Quote #: SW-TBL-4-Full
Project/PO #: Piñon Ridge
Reporting state for compliance testing: No
Sampler's Name: Jess W Fulbright
Are any samples NRC licensable material? No

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Dolores River	Major Ions						
DR-Up	9-1-10:1335	SW	9	X	X						
DR-Down	9-1-10:1438	SW	9	X	X						
DR-Mid	9-1-10:1628	SW	9	X	X						
DR-Duplicate	9-1-10:XXXX	SW	2	X	X						

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other

REMARKS/ SAMPLE DISCLOSURES

Field filtering not possible, all samples must be filtered in lab.
All times are mountain daylight time. Three separate coolers.

PAGE 1 of 1

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Jess W Fulbright	9-2-10:0900		
		[illegible] 9-3-10	11:03

FRMAD050.03.05.02 White - Return with sample Yellow - Retain for

November 8, 2010 Sampling Event

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

December 02, 2010

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: L85277

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on November 10, 2010. This project has been assigned to ACZ's project number, L85277. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L85277. 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 January 02, 2011. 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.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Up

ACZ Sample ID: ***L85277-01***
Date Sampled: *11/08/10 14:12*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							11/19/10 17:26	jjc

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.23		*	mg/L	0.03	0.2	11/22/10 18:10	aeb
Antimony, dissolved	M200.8 ICP-MS	0.0005	B		mg/L	0.0004	0.002	11/20/10 13:16	pmc
Arsenic, dissolved	M200.8 ICP-MS	0.0012	B		mg/L	0.0005	0.002	11/20/10 13:16	pmc
Barium, dissolved	M200.7 ICP	0.137			mg/L	0.003	0.02	11/19/10 21:00	jjc
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	11/22/10 18:10	aeb
Cadmium, dissolved	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	11/20/10 13:16	pmc
Calcium, dissolved	M200.7 ICP	54.5			mg/L	0.2	1	11/19/10 21:00	jjc
Chromium, total	M200.7 ICP	0.03	B		mg/L	0.01	0.05	11/22/10 16:58	aeb
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/22/10 18:10	aeb
Iron, dissolved	M200.7 ICP	0.39			mg/L	0.02	0.05	11/19/10 21:00	jjc
Lead, dissolved	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0005	11/20/10 13:16	pmc
Magnesium, dissolved	M200.7 ICP	12.6			mg/L	0.2	1	11/19/10 21:00	jjc
Manganese, dissolved	M200.7 ICP	0.023	B		mg/L	0.005	0.03	11/19/10 21:00	jjc
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	11/23/10 11:20	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/19/10 21:00	jjc
Nickel, dissolved	M200.8 ICP-MS	0.0030			mg/L	0.0006	0.003	11/20/10 13:16	pmc
Potassium, dissolved	M200.7 ICP	3.9			mg/L	0.3	2	11/19/10 21:00	jjc
Selenium, dissolved	M200.8 ICP-MS	0.0006			mg/L	0.0001	0.0003	11/20/10 13:16	pmc
Silica, dissolved	M200.7 ICP	3.8			mg/L	0.4	2	11/19/10 21:00	jjc
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.7			mg/L	0.2	0.9	12/02/10 8:07	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	11/19/10 21:00	jjc
Sodium, dissolved	M200.7 ICP	79.3		*	mg/L	0.3	2	11/19/10 21:00	jjc
Thallium, dissolved	M200.8 ICP-MS	0.0002	B		mg/L	0.0001	0.0005	11/20/10 13:16	pmc
Uranium, dissolved	M200.8 ICP-MS	0.0025			mg/L	0.0001	0.0005	11/20/10 13:16	pmc
Vanadium, dissolved	M200.7 ICP	0.006	B		mg/L	0.005	0.03	11/19/10 21:00	jjc
Zinc, dissolved	M200.8 ICP-MS	0.005	B		mg/L	0.002	0.005	11/20/10 13:16	pmc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Up

ACZ Sample ID: ***L85277-01***
Date Sampled: *11/08/10 14:12*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		129			mg/L	2	20	11/12/10 0:00	jjc
Carbonate as CaCO3		7	B		mg/L	2	20	11/12/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	11/12/10 0:00	jjc
Total Alkalinity		136			mg/L	2	20	11/12/10 0:00	jjc
Chloride	SM4500Cl-E	120			mg/L	10	50	11/24/10 11:48	jlf
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	11/17/10 13:49	lhb
Lab Filtration	SM 3030 B			*				11/10/10 13:37	lhb
Lab Filtration & Acidification	SM 3030 B			*				11/18/10 11:10	scp
Lab Filtration & Acidification	SM 3030 B			*				11/11/10 16:00	jjg
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved		U	*	mg/L	0.02	0.1	11/23/10 21:32	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	11/12/10 0:00	jjc
pH measured at		21.0			C	0.1	0.1	11/12/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	390			mg/L	10	20	11/10/10 16:46	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	31		*	mg/L	5	20	11/12/10 10:20	las
Sulfate	D516-02 - Turbidimetric	44		*	mg/L	5	30	11/22/10 14:47	jlf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Down

ACZ Sample ID: ***L85277-02***
Date Sampled: *11/08/10 10:35*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							11/19/10 17:40	jjc

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.05	B	*	mg/L	0.03	0.2	11/22/10 18:14	aeb
Antimony, dissolved	M200.8 ICP-MS	0.0005	B		mg/L	0.0004	0.002	11/20/10 13:26	pmc
Arsenic, dissolved	M200.8 ICP-MS	0.0010	B		mg/L	0.0005	0.002	11/20/10 13:26	pmc
Barium, dissolved	M200.7 ICP	0.137			mg/L	0.003	0.02	11/19/10 21:04	jjc
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	11/22/10 18:14	aeb
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	11/20/10 13:26	pmc
Calcium, dissolved	M200.7 ICP	69.4			mg/L	0.2	1	11/19/10 21:04	jjc
Chromium, total	M200.7 ICP	0.02	B		mg/L	0.01	0.05	11/22/10 17:02	aeb
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/22/10 18:14	aeb
Iron, dissolved	M200.7 ICP	0.07			mg/L	0.02	0.05	11/19/10 21:04	jjc
Lead, dissolved	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	11/20/10 13:26	pmc
Magnesium, dissolved	M200.7 ICP	26.6			mg/L	0.2	1	11/19/10 21:04	jjc
Manganese, dissolved	M200.7 ICP	0.006	B		mg/L	0.005	0.03	11/19/10 21:04	jjc
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	11/23/10 11:22	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/19/10 21:04	jjc
Nickel, dissolved	M200.8 ICP-MS	0.0028	B		mg/L	0.0006	0.003	11/20/10 13:26	pmc
Potassium, dissolved	M200.7 ICP	20.1			mg/L	0.3	2	11/19/10 21:04	jjc
Selenium, dissolved	M200.8 ICP-MS	0.0008			mg/L	0.0001	0.0003	11/20/10 13:26	pmc
Silica, dissolved	M200.7 ICP	4.0			mg/L	0.4	2	11/19/10 21:04	jjc
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.8			mg/L	0.2	0.9	12/02/10 8:08	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	11/19/10 21:04	jjc
Sodium, dissolved	M200.7 ICP	387		*	mg/L	0.3	2	11/19/10 21:04	jjc
Thallium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	11/20/10 13:26	pmc
Uranium, dissolved	M200.8 ICP-MS	0.0030			mg/L	0.0001	0.0005	11/20/10 13:26	pmc
Vanadium, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	11/19/10 21:04	jjc
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	11/20/10 13:26	pmc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Down

ACZ Sample ID: ***L85277-02***
Date Sampled: *11/08/10 10:35*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		144			mg/L	2	20	11/12/10 0:00	jjc
Carbonate as CaCO3		8	B		mg/L	2	20	11/12/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	11/12/10 0:00	jjc
Total Alkalinity		152			mg/L	2	20	11/12/10 0:00	jjc
Chloride	SM4500Cl-E	640			mg/L	10	50	11/24/10 11:48	jlf
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	11/17/10 13:58	lhb
Lab Filtration	SM 3030 B			*				11/10/10 13:45	lhb
Lab Filtration & Acidification	SM 3030 B			*				11/18/10 11:12	scp
Lab Filtration & Acidification	SM 3030 B			*				11/11/10 16:00	jjg
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.06	B	*	mg/L	0.02	0.1	11/23/10 21:35	pjb
pH (lab)	SM4500H+ B								
pH		8.5	H		units	0.1	0.1	11/12/10 0:00	jjc
pH measured at		21.0			C	0.1	0.1	11/12/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	1380			mg/L	10	20	11/10/10 16:47	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	26		*	mg/L	5	20	11/12/10 10:20	las
Sulfate	D516-02 - Turbidimetric	102		*	mg/L	5	30	11/22/10 14:47	jlf

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Mid

ACZ Sample ID: ***L85277-03***
Date Sampled: *11/08/10 12:42*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Inorganic Prep

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Total Hot Plate Digestion	M200.2 ICP							11/19/10 17:53	jjc

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Aluminum, dissolved	M200.7 ICP	0.05	B	*	mg/L	0.03	0.2	11/22/10 18:24	aeb
Antimony, dissolved	M200.8 ICP-MS		U		mg/L	0.0004	0.002	11/20/10 13:29	pmc
Arsenic, dissolved	M200.8 ICP-MS	0.0008	B		mg/L	0.0005	0.002	11/20/10 13:29	pmc
Barium, dissolved	M200.7 ICP	0.129			mg/L	0.003	0.02	11/19/10 21:14	jjc
Beryllium, dissolved	M200.7 ICP		U		mg/L	0.002	0.01	11/22/10 18:24	aeb
Cadmium, dissolved	M200.8 ICP-MS		U		mg/L	0.0001	0.0005	11/20/10 13:29	pmc
Calcium, dissolved	M200.7 ICP	53.7			mg/L	0.2	1	11/19/10 21:14	jjc
Chromium, total	M200.7 ICP	0.04	B		mg/L	0.01	0.05	11/22/10 17:05	aeb
Copper, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/22/10 18:24	aeb
Iron, dissolved	M200.7 ICP	0.04	B		mg/L	0.02	0.05	11/19/10 21:14	jjc
Lead, dissolved	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	11/20/10 13:29	pmc
Magnesium, dissolved	M200.7 ICP	14.2			mg/L	0.2	1	11/19/10 21:14	jjc
Manganese, dissolved	M200.7 ICP		U		mg/L	0.005	0.03	11/19/10 21:14	jjc
Mercury, dissolved	M245.1 CVAA		U		mg/L	0.0002	0.001	11/23/10 11:24	erf
Molybdenum, dissolved	M200.7 ICP		U		mg/L	0.01	0.05	11/19/10 21:14	jjc
Nickel, dissolved	M200.8 ICP-MS	0.0025	B		mg/L	0.0006	0.003	11/20/10 13:29	pmc
Potassium, dissolved	M200.7 ICP	6.1			mg/L	0.3	2	11/19/10 21:14	jjc
Selenium, dissolved	M200.8 ICP-MS	0.0006			mg/L	0.0001	0.0003	11/20/10 13:29	pmc
Silica, dissolved	M200.7 ICP	3.5			mg/L	0.4	2	11/19/10 21:14	jjc
Silicon, dissolved	M6010B ICP (Calc SIO2)	1.6			mg/L	0.2	0.9	12/02/10 8:08	calc
Silver, dissolved	M200.7 ICP		U	*	mg/L	0.01	0.03	11/19/10 21:14	jjc
Sodium, dissolved	M200.7 ICP	124		*	mg/L	0.3	2	11/19/10 21:14	jjc
Thallium, dissolved	M200.8 ICP-MS	0.0001	B		mg/L	0.0001	0.0005	11/20/10 13:29	pmc
Uranium, dissolved	M200.8 ICP-MS	0.0026			mg/L	0.0001	0.0005	11/20/10 13:29	pmc
Vanadium, dissolved	M200.7 ICP	0.007	B		mg/L	0.005	0.03	11/19/10 21:14	jjc
Zinc, dissolved	M200.8 ICP-MS		U		mg/L	0.002	0.005	11/20/10 13:29	pmc

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Inorganic Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Mid

ACZ Sample ID: ***L85277-03***
Date Sampled: *11/08/10 12:42*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Wet Chemistry

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Alkalinity as CaCO3	SM2320B - Titration								
Bicarbonate as CaCO3		133			mg/L	2	20	11/12/10 0:00	jjc
Carbonate as CaCO3		7	B		mg/L	2	20	11/12/10 0:00	jjc
Hydroxide as CaCO3			U		mg/L	2	20	11/12/10 0:00	jjc
Total Alkalinity		139			mg/L	2	20	11/12/10 0:00	jjc
Chloride	SM4500Cl-E	190			mg/L	10	50	11/24/10 11:49	jlf
Fluoride	SM4500F-C	0.1	B	*	mg/L	0.1	0.5	11/17/10 14:07	lhb
Lab Filtration	SM 3030 B			*				11/10/10 13:53	lhb
Lab Filtration & Acidification	SM 3030 B			*				11/18/10 11:15	scp
Lab Filtration & Acidification	SM 3030 B			*				11/11/10 16:00	jjg
Nitrate/Nitrite as N	M353.2 - H2SO4 preserved	0.03	B	*	mg/L	0.02	0.1	11/23/10 21:37	pjb
pH (lab)	SM4500H+ B								
pH		8.4	H		units	0.1	0.1	11/12/10 0:00	jjc
pH measured at		21.0			C	0.1	0.1	11/12/10 0:00	jjc
Residue, Filterable (TDS) @180C	SM2540C	530			mg/L	10	20	11/10/10 16:49	lhb
Residue, Non-Filterable (TSS) @105C	SM2540D	33		*	mg/L	5	20	11/12/10 10:21	las
Sulfate	D516-02 - Turbidimetric	60		*	mg/L	5	30	11/24/10 8:54	jlf

** Please refer to Qualifier Reports for details.*

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.
(4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

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: ***L85277***

Alkalinity as CaCO3 SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293153													
WG293153PBW1	PBW	11/11/10 16:44				5.5	mg/L		-20	20			
WG293153LCSW2	LCSW	11/11/10 16:57	WC101026-1	820.0001		795.2	mg/L	97	98	110			
WG293153PBW2	PBW	11/11/10 20:04				U	mg/L		-20	20			
WG293153LCSW5	LCSW	11/11/10 20:17	WC101026-1	820.0001		800.9	mg/L	97.7	98	110			
WG293153PBW3	PBW	11/11/10 23:39				U	mg/L		-20	20			
WG293153LCSW8	LCSW	11/11/10 23:53	WC101026-1	820.0001		802.4	mg/L	97.9	98	110			
L85277-01DUP	DUP	11/12/10 1:31			136	135.8	mg/L				0.1	20	
L85281-02DUP	DUP	11/12/10 3:12			125	126.2	mg/L				1	20	
WG293153PBW4	PBW	11/12/10 3:18				U	mg/L		-20	20			
WG293153LCSW11	LCSW	11/12/10 3:31	WC101026-1	820.0001		811.2	mg/L	98.9	98	110			
WG293153LCSW14	LCSW	11/12/10 6:55	WC101026-1	820.0001		814.3	mg/L	99.3	98	110			

Aluminum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293657													
WG293657ICV	ICV	11/22/10 17:49	II101015-1	2		2.005	mg/L	100.3	95	105			
WG293657ICB	ICB	11/22/10 17:53				U	mg/L		-0.09	0.09			
WG293657PQV	PQV	11/22/10 17:57	II101122-2	.15		.178	mg/L	118.7	70	130			
WG293657SIC	SIC	11/22/10 18:00	II101111-1	200.15		191.626	mg/L	95.7	1	200			
WG293657LFB	LFB	11/22/10 18:07	II101122-4	1		1.086	mg/L	108.6	85	115			
L85277-02AS	AS	11/22/10 18:17	II101122-4	1	.05	1.2	mg/L	115	85	115			
L85277-02ASD	ASD	11/22/10 18:21	II101122-4	1	.05	1.21	mg/L	116	85	115	0.83	20	MA
WG293657CCV1	CCV	11/22/10 18:41	II101015-2	1		.999	mg/L	99.9	90	110			
WG293657CCB1	CCB	11/22/10 18:45				U	mg/L		-0.09	0.09			
WG293657CCV2	CCV	11/22/10 19:22	II101015-2	1		1.014	mg/L	101.4	90	110			
WG293657CCB2	CCB	11/22/10 19:26				U	mg/L		-0.09	0.09			
WG293657CCV3	CCV	11/22/10 19:36	II101015-2	1		1.018	mg/L	101.8	90	110			
WG293657CCB3	CCB	11/22/10 19:40				.036	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
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.02		.02108	mg/L	105.4	90	110			
WG293594ICB	ICB	11/20/10 13:09				.00054	mg/L		-0.00088	0.00088			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.01		.00957	mg/L	95.7	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.01	.0005	.00986	mg/L	93.6	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.01	.0005	.01007	mg/L	95.7	70	130	2.11	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.0125		.01257	mg/L	100.6	90	110			
WG293594CCB1	CCB	11/20/10 13:43				.00048	mg/L		-0.0012	0.0012			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.0125		.01223	mg/L	97.8	90	110			
WG293594CCB2	CCB	11/20/10 14:24				.00051	mg/L		-0.0012	0.0012			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.0125		.01238	mg/L	99	90	110			
WG293594CCB3	CCB	11/20/10 14:55				.00044	mg/L		-0.0012	0.0012			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Arsenic, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05273	mg/L	105.5	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.0011	0.0011			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05005		.0489	mg/L	97.7	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05005	.0012	.05481	mg/L	107.1	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05005	.0012	.05367	mg/L	104.8	70	130	2.1	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.25025		.2631	mg/L	105.1	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0015	0.0015			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.25025		.2652	mg/L	106	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0015	0.0015			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.25025		.2565	mg/L	102.5	90	110			
WG293594CCB3	CCB	11/20/10 14:55				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
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	2		1.9697	mg/L	98.5	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.009	0.009			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.015		.0163	mg/L	108.7	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	.1		.1013	mg/L	101.3	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	.5		.5176	mg/L	103.5	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	.5	.137	.6407	mg/L	100.7	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	.5	.137	.6485	mg/L	102.3	85	115	1.21	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	1		.9816	mg/L	98.2	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.009	0.009			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	1		.9664	mg/L	96.6	90	110			
WG293570CCB2	CCB	11/19/10 22:15				.0033	mg/L		-0.009	0.009			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	1		.9633	mg/L	96.3	90	110			
WG293570CCB3	CCB	11/19/10 22:38				.0041	mg/L		-0.009	0.009			

Beryllium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293657													
WG293657ICV	ICV	11/22/10 17:49	II101015-1	2		2.0181	mg/L	100.9	95	105			
WG293657ICB	ICB	11/22/10 17:53				U	mg/L		-0.006	0.006			
WG293657PQV	PQV	11/22/10 17:57	II101122-2	.01		.0115	mg/L	115	70	130			
WG293657SIC	SIC	11/22/10 18:00	II101111-1	.1		.1047	mg/L	104.7	80	120			
WG293657LFB	LFB	11/22/10 18:07	II101122-4	.5		.5595	mg/L	111.9	85	115			
L85277-02AS	AS	11/22/10 18:17	II101122-4	.5	U	.571	mg/L	114.2	85	115			
L85277-02ASD	ASD	11/22/10 18:21	II101122-4	.5	U	.577	mg/L	115.4	85	115	1.05	20	
WG293657CCV1	CCV	11/22/10 18:41	II101015-2	1		.9836	mg/L	98.4	90	110			
WG293657CCB1	CCB	11/22/10 18:45				U	mg/L		-0.006	0.006			
WG293657CCV2	CCV	11/22/10 19:22	II101015-2	1		1.0006	mg/L	100.1	90	110			
WG293657CCB2	CCB	11/22/10 19:26				U	mg/L		-0.006	0.006			
WG293657CCV3	CCV	11/22/10 19:36	II101015-2	1		1.0086	mg/L	100.9	90	110			
WG293657CCB3	CCB	11/22/10 19:40				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Cadmium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05089	mg/L	101.8	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00022	0.00022			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05005		.04939	mg/L	98.7	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05005	.0001	.04899	mg/L	97.7	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05005	.0001	.04849	mg/L	96.7	70	130	1.03	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.1002		.1006	mg/L	100.4	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0003	0.0003			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.1002		.1014	mg/L	101.2	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0003	0.0003			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.1002		.1004	mg/L	100.2	90	110			
WG293594CCB3	CCB	11/20/10 14:55				U	mg/L		-0.0003	0.0003			

Calcium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	100		99.83	mg/L	99.8	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.6	0.6			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	1		1.01	mg/L	101	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	201		202.98	mg/L	101	1	200			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	67.98099		71.03	mg/L	104.5	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	67.98099	69.4	137.83	mg/L	100.7	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	67.98099	69.4	138.69	mg/L	101.9	85	115	0.62	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	50		49.74	mg/L	99.5	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.6	0.6			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	50		48.67	mg/L	97.3	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.6	0.6			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	50		48.28	mg/L	96.6	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Chloride SM4500Cl-E

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293823													
WG293823ICB	ICB	11/24/10 11:25				U	mg/L		-3	3			
WG293823ICV	ICV	11/24/10 11:25	WI101005-3	55.165		57.2	mg/L	103.7	90	110			
WG293823CCV1	CCV	11/24/10 11:37	WI100831-1	50		51.3	mg/L	102.6	90	110			
WG293823CCB1	CCB	11/24/10 11:37				U	mg/L		-3	3			
WG293823LFB1	LFB	11/24/10 11:37	WI100831-2	30		28.6	mg/L	95.3	90	110			
WG293823CCV2	CCV	11/24/10 11:39	WI100831-1	50		51.3	mg/L	102.6	90	110			
WG293823CCB2	CCB	11/24/10 11:39				U	mg/L		-3	3			
WG293823CCV3	CCV	11/24/10 11:40	WI100831-1	50		51.2	mg/L	102.4	90	110			
WG293823CCB3	CCB	11/24/10 11:40				U	mg/L		-3	3			
WG293823LFB2	LFB	11/24/10 11:41	WI100831-2	30		28.8	mg/L	96	90	110			
WG293823CCV4	CCV	11/24/10 11:46	WI100831-1	50		51.2	mg/L	102.4	90	110			
WG293823CCB4	CCB	11/24/10 11:46				U	mg/L		-3	3			
WG293823CCV5	CCV	11/24/10 11:48	WI100831-1	50		50.9	mg/L	101.8	90	110			
WG293823CCB5	CCB	11/24/10 11:48				U	mg/L		-3	3			
L85277-01AS	AS	11/24/10 11:48	10XCL	30	120	149	mg/L	96.7	90	110			
L85277-02DUP	DUP	11/24/10 11:49			640	634	mg/L				0.9	20	
WG293823CCV6	CCV	11/24/10 11:54	WI100831-1	50		51.5	mg/L	103	90	110			
WG293823CCB6	CCB	11/24/10 11:54				U	mg/L		-3	3			
WG293823CCV7	CCV	11/24/10 11:56	WI100831-1	50		51.5	mg/L	103	90	110			
WG293823CCB7	CCB	11/24/10 11:56				U	mg/L		-3	3			

Chromium, total M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293670													
WG293670ICV	ICV	11/22/10 16:31	II101015-3	2		1.898	mg/L	94.9	95	105			
WG293670ICB	ICB	11/22/10 16:35				U	mg/L		-0.03	0.03			
WG293670PQV	PQV	11/22/10 16:39	II101122-2	.05		.054	mg/L	108	70	130			
WG293670SIC	SIC	11/22/10 16:43	II101112-1	.1		.089	mg/L	89	80	120			
WG293578LRB	LRB	11/22/10 16:50				.013	mg/L		-0.022	0.022			
WG293578LFB	LFB	11/22/10 16:54	II101021-2	.5		.536	mg/L	107.2	85	115			
L85347-01LFM	LFM	11/22/10 17:13	II101021-2	.5	.04	.543	mg/L	100.6	70	130			
WG293670CCV1	CCV	11/22/10 17:17	II101015-4	1		.98	mg/L	98	90	110			
WG293670CCB1	CCB	11/22/10 17:21				.01	mg/L		-0.03	0.03			
L85347-01LFMD	LFMD	11/22/10 17:24	II101021-2	.5	.04	.536	mg/L	99.2	70	130	1.3	20	
L85367-02LFM	LFM	11/22/10 17:55	II101021-2	.5	.02	.521	mg/L	100.2	70	130			
L85367-02LFMD	LFMD	11/22/10 17:58	II101021-2	.5	.02	.512	mg/L	98.4	70	130	1.74	20	
WG293670CCV2	CCV	11/22/10 18:02	II101015-4	1		.983	mg/L	98.3	90	110			
WG293670CCB2	CCB	11/22/10 18:06				U	mg/L		-0.03	0.03			
WG293670CCV3	CCV	11/22/10 18:44	II101015-4	1		.965	mg/L	96.5	90	110			
WG293670CCB3	CCB	11/22/10 18:48				.015	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Copper, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293657													
WG293657ICV	ICV	11/22/10 17:49	II101015-1	2		1.948	mg/L	97.4	95	105			
WG293657ICB	ICB	11/22/10 17:53				U	mg/L		-0.03	0.03			
WG293657PQV	PQV	11/22/10 17:57	II101122-2	.05		.057	mg/L	114	70	130			
WG293657SIC	SIC	11/22/10 18:00	II101111-1	.1		.099	mg/L	99	80	120			
WG293657LFB	LFB	11/22/10 18:07	II101122-4	.5		.549	mg/L	109.8	85	115			
L85277-02AS	AS	11/22/10 18:17	II101122-4	.5	U	.562	mg/L	112.4	85	115			
L85277-02ASD	ASD	11/22/10 18:21	II101122-4	.5	U	.567	mg/L	113.4	85	115	0.89	20	
WG293657CCV1	CCV	11/22/10 18:41	II101015-2	1		.956	mg/L	95.6	90	110			
WG293657CCB1	CCB	11/22/10 18:45				U	mg/L		-0.03	0.03			
WG293657CCV2	CCV	11/22/10 19:22	II101015-2	1		.974	mg/L	97.4	90	110			
WG293657CCB2	CCB	11/22/10 19:26				U	mg/L		-0.03	0.03			
WG293657CCV3	CCV	11/22/10 19:36	II101015-2	1		.972	mg/L	97.2	90	110			
WG293657CCB3	CCB	11/22/10 19:40				U	mg/L		-0.03	0.03			

Fluoride SM4500F-C

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293432													
WG293432ICV	ICV	11/17/10 13:32	WC101116-1	2		1.95	mg/L	97.5	95	105			
WG293432ICB	ICB	11/17/10 13:38				U	mg/L		-0.3	0.3			
WG293432PQV	PQV	11/17/10 13:42	WC101109-2	.5		.45	mg/L	90	70	130			
WG293432LFB1	LFB	11/17/10 13:45	WC101109-3	5		4.68	mg/L	93.6	90	110			
L85277-01DUP	DUP	11/17/10 13:53			.1	.12	mg/L				18.2	20	RA
L85277-02AS	AS	11/17/10 14:01	WC101109-3	5	.1	4.91	mg/L	96.2	90	110			
WG293432CCV1	CCV	11/17/10 14:25	WC101116-1	2		1.95	mg/L	97.5	90	110			
WG293432CCB1	CCB	11/17/10 14:32				U	mg/L		-0.3	0.3			
WG293432CCV2	CCV	11/17/10 15:32	WC101116-1	2		1.94	mg/L	97	90	110			
WG293432CCB2	CCB	11/17/10 15:39				U	mg/L		-0.3	0.3			
WG293432LFB2	LFB	11/17/10 16:10	WC101109-3	5		4.66	mg/L	93.2	90	110			
WG293432CCV3	CCV	11/17/10 16:22	WC101116-1	2		1.95	mg/L	97.5	90	110			
WG293432CCB3	CCB	11/17/10 16:29				U	mg/L		-0.3	0.3			
WG293432CCV4	CCV	11/17/10 17:16	WC101116-1	2		1.95	mg/L	97.5	90	110			
WG293432CCB4	CCB	11/17/10 17:23				U	mg/L		-0.3	0.3			
WG293432CCV5	CCV	11/17/10 18:05	WC101116-1	2		1.93	mg/L	96.5	90	110			
WG293432CCB5	CCB	11/17/10 18:11				U	mg/L		-0.3	0.3			
WG293432CCV6	CCV	11/17/10 18:22	WC101116-1	2		1.95	mg/L	97.5	90	110			
WG293432CCB6	CCB	11/17/10 18:30				U	mg/L		-0.3	0.3			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Iron, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	2		1.949	mg/L	97.5	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.06	0.06			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.05		.039	mg/L	78	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	200.05		197.837	mg/L	98.9	1	200			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	1		1.097	mg/L	109.7	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	1	.07	1.188	mg/L	111.8	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	1	.07	1.193	mg/L	112.3	85	115	0.42	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	1		.969	mg/L	96.9	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.06	0.06			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	1		.941	mg/L	94.1	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.06	0.06			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	1		.937	mg/L	93.7	90	110			
WG293570CCB3	CCB	11/19/10 22:38				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
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05087	mg/L	101.7	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00022	0.00022			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05005		.05049	mg/L	100.9	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05005	.0008	.05191	mg/L	102.1	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05005	.0008	.05184	mg/L	102	70	130	0.13	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.25025		.2517	mg/L	100.6	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0003	0.0003			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.25025		.2545	mg/L	101.7	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0003	0.0003			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.25025		.2521	mg/L	100.7	90	110			
WG293594CCB3	CCB	11/20/10 14:55				U	mg/L		-0.0003	0.0003			

Magnesium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	100		101.4	mg/L	101.4	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.6	0.6			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	1.001		.97	mg/L	96.9	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	201.061		213.87	mg/L	106.4	1	200			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	49.99941		52.13	mg/L	104.3	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	49.99941	26.6	80.32	mg/L	107.4	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	49.99941	26.6	81.52	mg/L	109.8	85	115	1.48	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	50		49.72	mg/L	99.4	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.6	0.6			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	50		48.73	mg/L	97.5	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.6	0.6			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	50		48.46	mg/L	96.9	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.6	0.6			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Manganese, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	2		1.9361	mg/L	96.8	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.015	0.015			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.025		.0251	mg/L	100.4	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	50.025		46.1509	mg/L	92.3	1	200			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	.5		.5598	mg/L	112	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	.5	.006	.5553	mg/L	109.9	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	.5	.006	.5561	mg/L	110	85	115	0.14	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	1		.984	mg/L	98.4	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.015	0.015			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	1		.9789	mg/L	97.9	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.015	0.015			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	1		.9749	mg/L	97.5	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.015	0.015			

Mercury, dissolved M245.1 CVAA

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293673													
WG293673ICV	ICV	11/23/10 11:10	II101110-1	.005015		.0051	mg/L	101.7	95	105			
WG293673ICB	ICB	11/23/10 11:12				U	mg/L		-0.0002	0.0002			
WG293673PQV	PQV	11/23/10 11:14	II101119-2	.001001		.00102	mg/L	101.9	70	130			
WG293673LRB	LRB	11/23/10 11:16				U	mg/L		-0.00044	0.00044			
WG293673LFB	LFB	11/23/10 11:18	II101027-2	.002002		.00179	mg/L	89.4	85	115			
WG293673CCV1	CCV	11/23/10 11:35	II101110-1	.005015		.00492	mg/L	98.1	90	110			
WG293673CCB1	CCB	11/23/10 11:37				U	mg/L		-0.0002	0.0002			
L85378-03LFM	LFM	11/23/10 11:39	II101027-2	.002002	U	.00181	mg/L	90.4	85	115			
L85378-03LFMD	LFMD	11/23/10 11:41	II101027-2	.002002	U	.00176	mg/L	87.9	85	115	2.8	20	
WG293673CCV2	CCV	11/23/10 11:59	II101110-1	.005015		.00493	mg/L	98.3	90	110			
WG293673CCB2	CCB	11/23/10 12:01				U	mg/L		-0.0002	0.0002			
WG293673CCV3	CCV	11/23/10 12:18	II101110-1	.005015		.00494	mg/L	98.5	90	110			
WG293673CCB3	CCB	11/23/10 12:20				U	mg/L		-0.0002	0.0002			

Molybdenum, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	2		1.985	mg/L	99.3	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.03	0.03			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.05		.042	mg/L	84	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	.1		.099	mg/L	99	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	.5		.516	mg/L	103.2	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	.5	U	.503	mg/L	100.6	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	.5	U	.515	mg/L	103	85	115	2.36	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	1		1.007	mg/L	100.7	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.03	0.03			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	1		.998	mg/L	99.8	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.03	0.03			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	1		.993	mg/L	99.3	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.03	0.03			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Nickel, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05249	mg/L	105	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00132	0.00132			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05005		.05268	mg/L	105.3	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05005	.003	.05506	mg/L	104	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05005	.003	.05417	mg/L	102.2	70	130	1.63	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.25025		.264	mg/L	105.5	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0018	0.0018			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.25025		.2674	mg/L	106.9	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0018	0.0018			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.25025		.2649	mg/L	105.9	90	110			
WG293594CCB3	CCB	11/20/10 14:55				U	mg/L		-0.0018	0.0018			

Nitrate/Nitrite as N M353.2 - H2SO4 preserved

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293793													
WG293793ICV	ICV	11/23/10 20:09	WI100928-1	2.416		2.268	mg/L	93.9	90	110			
WG293793ICB	ICB	11/23/10 20:10				U	mg/L		-0.06	0.06			
WG293798													
WG293798CCV1	CCV	11/23/10 21:26	WI101116-9	2		1.942	mg/L	97.1	90	110			
WG293798CCB1	CCB	11/23/10 21:30				U	mg/L		-0.06	0.06			
WG293798LFB	LFB	11/23/10 21:31	WI100921-9	2		1.955	mg/L	97.8	90	110			
L85277-01AS	AS	11/23/10 21:34	WI100921-9	2	U	2.118	mg/L	105.9	90	110			
L85277-02DUP	DUP	11/23/10 21:36			.06	.059	mg/L				1.7	20	RA
WG293798CCV2	CCV	11/23/10 21:44	WI101116-9	2		1.936	mg/L	96.8	90	110			
WG293798CCB2	CCB	11/23/10 21:47				U	mg/L		-0.06	0.06			
WG293798CCV3	CCV	11/23/10 22:02	WI101116-9	2		1.928	mg/L	96.4	90	110			
WG293798CCB3	CCB	11/23/10 22:05				U	mg/L		-0.06	0.06			
WG293798CCV4	CCV	11/23/10 22:13	WI101116-9	2		1.931	mg/L	96.6	90	110			
WG293798CCB4	CCB	11/23/10 22:17				U	mg/L		-0.06	0.06			

pH (lab) M150.1 - Electrometric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293153													
WG293153LCSW3	LCSW	11/11/10 17:00	PCN34991	6		6.05	units	100.8	98	102			
WG293153LCSW6	LCSW	11/11/10 20:20	PCN34991	6		6.04	units	100.7	98	102			
WG293153LCSW9	LCSW	11/11/10 23:56	PCN34991	6		6.04	units	100.7	98	102			
L85277-01DUP	DUP	11/12/10 1:31			8.5	8.49	units				0.1	20	
L85281-02DUP	DUP	11/12/10 3:12			8.5	8.46	units				0.5	20	
WG293153LCSW12	LCSW	11/12/10 3:34	PCN34991	6		6.04	units	100.7	98	102			
WG293153LCSW15	LCSW	11/12/10 6:58	PCN34991	6		6.04	units	100.7	98	102			

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L85277***

Potassium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	20		19.96	mg/L	99.8	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.9	0.9			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	1.5		1.6	mg/L	106.7	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	1.5		1.42	mg/L	94.7	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	99.95064		105.14	mg/L	105.2	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	99.95064	20.1	123.31	mg/L	103.3	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	99.95064	20.1	125.66	mg/L	105.6	85	115	1.89	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	10		9.97	mg/L	99.7	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.9	0.9			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	10		9.97	mg/L	99.7	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.9	0.9			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	10		9.78	mg/L	97.8	90	110			
WG293570CCB3	CCB	11/19/10 22:38				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
WG293077													
WG293077PBW	PBW	11/10/10 16:40				U	mg/L		-20	20			
WG293077LCSW	LCSW	11/10/10 16:41	PCN35382	260		254	mg/L	97.7	80	120			
L85280-01DUP	DUP	11/10/10 16:55			2960	2948	mg/L				0.4	20	

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

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293176													
WG293176PBW	PBW	11/12/10 10:20				U	mg/L		-15	15			
WG293176LCSW	LCSW	11/12/10 10:20	PCN35382	160		155	mg/L	96.9	80	120			
L85279-04DUP	DUP	11/12/10 10:22			U	6	mg/L				200	20	RA

Selenium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05427	mg/L	108.5	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00022	0.00022			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05005		.04839	mg/L	96.7	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05005	.0006	.05311	mg/L	104.9	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05005	.0006	.0533	mg/L	105.3	70	130	0.36	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.25025		.2579	mg/L	103.1	90	110			
WG293594CCB1	CCB	11/20/10 13:43				.00016	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L85277***

Silica, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	42.8		41.08	mg/L	96	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-1.2	1.2			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	2.14		2.16	mg/L	100.9	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	2.14		2.17	mg/L	101.4	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	21.4		22.21	mg/L	103.8	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	21.4	4	26.19	mg/L	103.7	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	21.4	4	26.33	mg/L	104.3	85	115	0.53	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	21.4		20.87	mg/L	97.5	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-1.2	1.2			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	21.4		20.81	mg/L	97.2	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-1.2	1.2			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	21.4		20.69	mg/L	96.7	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-1.2	1.2			

Silver, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	1.001		.99	mg/L	98.9	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.03	0.03			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.025		.026	mg/L	104	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	.1		.101	mg/L	101	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	.5		.494	mg/L	98.8	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	.5	U	.388	mg/L	77.6	85	115			M2 ZA
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	.5	U	.405	mg/L	81	85	115	4.29	20	M2 ZA
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	.5005		.497	mg/L	99.3	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.03	0.03			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	.5005		.489	mg/L	97.7	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.03	0.03			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	.5005		.492	mg/L	98.3	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.03	0.03			

Sodium, dissolved M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	100		100.03	mg/L	100	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.9	0.9			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	1.5		1.55	mg/L	103.3	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	1.5		1.51	mg/L	100.7	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	100.0259		105.39	mg/L	105.4	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	100.0259	387	463.07	mg/L	76.1	85	115			M3
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	100.0259	387	467.34	mg/L	80.3	85	115	0.92	20	M3
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	50		50.39	mg/L	100.8	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.9	0.9			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	50		49.93	mg/L	99.9	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.9	0.9			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	50		49.32	mg/L	98.6	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.9	0.9			

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L85277***

Sulfate D516-02 - Turbidimetric

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293663													
WG293663ICB	ICB	11/22/10 13:27				U	mg/L		-3	3			
WG293663ICV	ICV	11/22/10 13:27	WI101122-4	20		19	mg/L	95	90	110			
WG293663CCV1	CCV	11/22/10 14:39	WI101122-5	25		26.6	mg/L	106.4	90	110			
WG293663CCB1	CCB	11/22/10 14:39				U	mg/L		-3	3			
WG293663LFB	LFB	11/22/10 14:39	WI100816-2	10		10.2	mg/L	102	90	110			
WG293663CCV2	CCV	11/22/10 14:41	WI101122-5	25		26.2	mg/L	104.8	90	110			
WG293663CCB2	CCB	11/22/10 14:41				U	mg/L		-3	3			
WG293663CCV3	CCV	11/22/10 14:43	WI101122-5	25		26.3	mg/L	105.2	90	110			
WG293663CCB3	CCB	11/22/10 14:43				U	mg/L		-3	3			
WG293663CCV4	CCV	11/22/10 14:45	WI101122-5	25		26.4	mg/L	105.6	90	110			
WG293663CCB4	CCB	11/22/10 14:45				U	mg/L		-3	3			
L85277-02AS	AS	11/22/10 14:47	SO4TURB5	10	102	112.2	mg/L	102	90	110			
WG293663CCV5	CCV	11/22/10 14:49	WI101122-5	25		26.2	mg/L	104.8	90	110			
WG293663CCB5	CCB	11/22/10 14:49				U	mg/L		-3	3			
L85277-01DUP	DUP	11/22/10 14:50			44	41.6	mg/L				5.6	20	RA
WG293663CCV6	CCV	11/22/10 14:51	WI101122-5	25		26	mg/L	104	90	110			
WG293663CCB6	CCB	11/22/10 14:51				U	mg/L		-3	3			
WG293663CCV7	CCV	11/22/10 14:53	WI101122-5	25		26.1	mg/L	104.4	90	110			
WG293663CCB7	CCB	11/22/10 14:53				U	mg/L		-3	3			
WG293785													
WG293785ICB	ICB	11/24/10 8:35				U	mg/L		-3	3			
WG293785ICV	ICV	11/24/10 8:36	WI101122-4	20		19.2	mg/L	96	90	110			
WG293785CCV1	CCV	11/24/10 8:48	WI101122-5	25		26.1	mg/L	104.4	90	110			
WG293785CCB1	CCB	11/24/10 8:48				U	mg/L		-3	3			
WG293785LFB	LFB	11/24/10 8:48	WI100816-2	10		10.3	mg/L	103	90	110			
WG293785CCV2	CCV	11/24/10 8:49	WI101122-5	25		26.1	mg/L	104.4	90	110			
WG293785CCB2	CCB	11/24/10 8:49				U	mg/L		-3	3			
WG293785CCV3	CCV	11/24/10 8:50	WI101122-5	25		25.6	mg/L	102.4	90	110			
WG293785CCB3	CCB	11/24/10 8:50				U	mg/L		-3	3			
L85277-03DUP	DUP	11/24/10 8:54			60	57.3	mg/L				4.6	20	
WG293785CCV4	CCV	11/24/10 8:57	WI101122-5	25		25.8	mg/L	103.2	90	110			
WG293785CCB4	CCB	11/24/10 8:57				U	mg/L		-3	3			
WG293785CCV5	CCV	11/24/10 8:59	WI101122-5	25		26	mg/L	104	90	110			
WG293785CCB5	CCB	11/24/10 8:59				U	mg/L		-3	3			
L85278-01AS	AS	11/24/10 9:02	SO4TURB20	100	2400	2430	mg/L	30	90	110			M3
WG293785CCV6	CCV	11/24/10 9:03	WI101122-5	25		26.1	mg/L	104.4	90	110			
WG293785CCB6	CCB	11/24/10 9:03				U	mg/L		-3	3			
WG293785CCV7	CCV	11/24/10 9:04	WI101122-5	25		26	mg/L	104	90	110			
WG293785CCB7	CCB	11/24/10 9:04				U	mg/L		-3	3			
WG293785CCV8	CCV	11/24/10 9:15	WI101122-5	25		26	mg/L	104	90	110			
WG293785CCB8	CCB	11/24/10 9:15				U	mg/L		-3	3			
WG293785CCV9	CCV	11/24/10 9:16	WI101122-5	25		25.9	mg/L	103.6	90	110			
WG293785CCB9	CCB	11/24/10 9:16				U	mg/L		-3	3			
WG293785CCV10	CCV	11/24/10 9:24	WI101122-5	25		25.5	mg/L	102	90	110			
WG293785CCB10	CCB	11/24/10 9:24				U	mg/L		-3	3			
WG293785CCV11	CCV	11/24/10 9:25	WI101122-5	25		24.9	mg/L	99.6	90	110			
WG293785CCB11	CCB	11/24/10 9:25				U	mg/L		-3	3			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Thallium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05513	mg/L	110.3	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00022	0.00022			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.0501		.05232	mg/L	104.4	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.0501	.0002	.05363	mg/L	106.6	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.0501	.0002	.05368	mg/L	106.7	70	130	0.09	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.1002		.1013	mg/L	101.1	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0003	0.0003			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.1002		.1026	mg/L	102.4	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0003	0.0003			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.1002		.1014	mg/L	101.2	90	110			
WG293594CCB3	CCB	11/20/10 14:55				U	mg/L		-0.0003	0.0003			

Uranium, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.05268	mg/L	105.4	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.00022	0.00022			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.05		.05217	mg/L	104.3	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.05	.0025	.05755	mg/L	110.1	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.05	.0025	.05762	mg/L	110.2	70	130	0.12	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.1		.1009	mg/L	100.9	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.0003	0.0003			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.1		.1022	mg/L	102.2	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.0003	0.0003			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.1		.1004	mg/L	100.4	90	110			
WG293594CCB3	CCB	11/20/10 14:55				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
WG293570													
WG293570ICV	ICV	11/19/10 20:39	II101015-1	2		2.0831	mg/L	104.2	95	105			
WG293570ICB	ICB	11/19/10 20:43				U	mg/L		-0.015	0.015			
WG293570PQV	PQV	11/19/10 20:47	II101021-5	.025		.0281	mg/L	112.4	70	130			
WG293570SIC	SIC	11/19/10 20:50	II101111-1	.1		.118	mg/L	118	80	120			
WG293570LFB	LFB	11/19/10 20:57	II101021-2	.5		.5493	mg/L	109.9	85	115			
L85277-02AS	AS	11/19/10 21:07	II101021-2	.5	U	.555	mg/L	111	85	115			
L85277-02ASD	ASD	11/19/10 21:10	II101021-2	.5	U	.5583	mg/L	111.7	85	115	0.59	20	
WG293570CCV1	CCV	11/19/10 21:31	II101015-2	1		1.044	mg/L	104.4	90	110			
WG293570CCB1	CCB	11/19/10 21:34				U	mg/L		-0.015	0.015			
WG293570CCV2	CCV	11/19/10 22:11	II101015-2	1		1.0305	mg/L	103.1	90	110			
WG293570CCB2	CCB	11/19/10 22:15				U	mg/L		-0.015	0.015			
WG293570CCV3	CCV	11/19/10 22:35	II101015-2	1		1.0273	mg/L	102.7	90	110			
WG293570CCB3	CCB	11/19/10 22:38				U	mg/L		-0.015	0.015			

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L85277***

Zinc, dissolved M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG293594													
WG293594ICV	ICV	11/20/10 13:02	MS101119-6	.05		.0524	mg/L	104.8	90	110			
WG293594ICB	ICB	11/20/10 13:09				U	mg/L		-0.0044	0.0044			
WG293594LFB	LFB	11/20/10 13:13	MS101019-3	.050005		.0478	mg/L	95.6	85	115			
L85277-01AS	AS	11/20/10 13:19	MS101019-3	.050005	.005	.0511	mg/L	92.2	70	130			
L85277-01ASD	ASD	11/20/10 13:23	MS101019-3	.050005	.005	.0516	mg/L	93.2	70	130	0.97	20	
WG293594CCV1	CCV	11/20/10 13:40	MS101119-5	.50005		.5076	mg/L	101.5	90	110			
WG293594CCB1	CCB	11/20/10 13:43				U	mg/L		-0.006	0.006			
WG293594CCV2	CCV	11/20/10 14:21	MS101119-5	.50005		.5018	mg/L	100.3	90	110			
WG293594CCB2	CCB	11/20/10 14:24				U	mg/L		-0.006	0.006			
WG293594CCV3	CCV	11/20/10 14:52	MS101119-5	.50005		.4989	mg/L	99.8	90	110			
WG293594CCB3	CCB	11/20/10 14:55				U	mg/L		-0.006	0.006			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L85277-01	WG293657	Aluminum, dissolved	M200.7 ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG293570	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.
		Sodium, 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.
	WG293432	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).
	WG293798	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).
	WG293176	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).
	WG293663	Sulfate	D516-02 - Turbidimetric	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
L85277-02	WG293657	Aluminum, dissolved	M200.7 ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG293570	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.
		Sodium, 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.
	WG293432	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).
	WG293798	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).
	WG293176	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).
	WG293663	Sulfate	D516-02 - Turbidimetric	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 ACZ Project ID: ***L85277***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L85277-03	WG293657	Aluminum, dissolved	M200.7 ICP	MA	Recovery for either the spike or spike duplicate was outside of the acceptance limits; the RPD was within the acceptance limits.
	WG293570	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.
		Sodium, 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.
	WG293432	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).
	WG293798	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).
	WG293176	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).
	WG293785	Sulfate	D516-02 - Turbidimetric	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.

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Up
Locator:

ACZ Sample ID: ***L85277-01***
Date Sampled: *11/08/10 14:12*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	11/22/10 12:22		1.5	2.4	2.2	pCi/L	*	jjg

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	11/30/10 13:25		1.1	1.2	2.5	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	11/30/10 13:25		3.7	1.5	2.7	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/17/10 12:04		0.47	0.21	0.66	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/24/10 11:57		0.62	0.23	0.62	pCi/L		jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	11/24/10 13:15		0.94	0.45	0.7	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Up
Locator:

ACZ Sample ID: ***L85277-01***
Date Sampled: *11/08/10 14:12*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	11/24/10 13:15		0.57	0.46	1	pCi/L		tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:04		0.17	0.3	0.22	pCi/L	*	jjg
Thorium 230	11/30/10 9:04		-0.05	0.33	0.57	pCi/L	*	jjg
Thorium 232	11/30/10 9:04		-0.05	0.17	0.22	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:04		-0.05	0.32	0.23	pCi/L	*	jjg
Thorium 230	11/30/10 9:04		0.07	0.34	0.61	pCi/L	*	jjg
Thorium 232	11/30/10 9:04		-0.02	0.1	0.23	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Down
Locator:

ACZ Sample ID: ***L85277-02***
Date Sampled: *11/08/10 10:35*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	11/22/10 12:24		1.6	5.2	5.1	pCi/L	*	jjg

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	11/30/10 13:25		1.6	1.4	2.9	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	11/30/10 13:25		2	1.5	3	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/17/10 12:05		0.37	0.2	0.73	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/24/10 11:59		0.44	0.21	0.64	pCi/L		jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	11/18/10 15:47		2.3	0.49	0.74	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Down
Locator:

ACZ Sample ID: ***L85277-02***
Date Sampled: *11/08/10 10:35*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	11/18/10 17:19		2.4	0.5	0.79	pCi/L		tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:06		0.01	0.32	0.22	pCi/L	*	jjg
Thorium 230	11/30/10 9:06		0.03	0.39	0.57	pCi/L	*	jjg
Thorium 232	11/30/10 9:06		0.03	0.19	0.22	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:06		-0.12	0.26	0.23	pCi/L	*	jjg
Thorium 230	11/30/10 9:06		-0.11	0.36	0.61	pCi/L	*	jjg
Thorium 232	11/30/10 9:06		-0.06	0.14	0.23	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Mid
Locator:

ACZ Sample ID: ***L85277-03***
Date Sampled: *11/08/10 12:42*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Gross Alpha, dissolved — Prep Method:
M9310

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Gross Alpha, dissolved	11/22/10 12:25		1.6	2.9	2.3	pCi/L	*	jjg

Lead 210, dissolved — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, dissolved	11/30/10 13:25		2.1	1.7	3.3	pCi/L	*	jjg

Lead 210, total — Prep Method:
EICHROM, OTW01

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210, total	11/30/10 13:25		2.1	1.6	3.1	pCi/L	*	jjg

Radium 226 + Alpha Emitting Radium Isotopes, dissolved — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/17/10 12:07		0.32	0.18	0.65	pCi/L		tcd

Radium 226 + Alpha Emitting Radium Isotopes, total — Prep Method:
M903.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 + Alpha	11/24/10 12:00		0.56	0.22	0.63	pCi/L		jjg

Radium 228, dissolved — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, dissolved	11/18/10 15:47		2.7	0.51	0.78	pCi/L		tcd

** Please refer to Qualifier Reports for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

RadioChemistry Analytical Results

Energy Fuels Resources Corporation
Project ID: PINON RIDGE
Sample ID: DR-Mid
Locator:

ACZ Sample ID: ***L85277-03***
Date Sampled: *11/08/10 12:42*
Date Received: *11/10/10*
Sample Matrix: *Surface Water*

Radium 228, total — Prep Method:
M904.0

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 228, total	11/18/10 17:19		3.3	0.51	0.74	pCi/L		tcd

Thorium, Isotopic — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:07		0.13	0.3	0.22	pCi/L	*	jjg
Thorium 230	11/30/10 9:07		0.01	0.34	0.58	pCi/L	*	jjg
Thorium 232	11/30/10 9:07		0.05	0.23	0.22	pCi/L	*	jjg

Thorium, Isotopic (Dissolved) — Prep Method:
ESM 4506

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 228	11/30/10 9:07		-0.16	0.2	0.23	pCi/L	*	jjg
Thorium 230	11/30/10 9:07		0.22	0.34	0.61	pCi/L	*	jjg
Thorium 232	11/30/10 9:07		0.02	0.17	0.23	pCi/L	*	jjg

** Please refer to Qualifier Reports for details.*

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.
(4)	An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

For a complete list of ACZ's Extended Qualifiers, please click: http://www.acz.com/public/extquallist.pdf

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

Gross Alpha, dissolved M9310 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG293990																
WG293410PBW	PBW	11/22/10						-.53	0.57	0.95			1.9			
WG293410LCSW	LCSW	11/22/10	RC091218-1	81.06				88	8.1	1.4	108.6	63	146			
L85249-03DUP	DUP-RER	11/22/10			0.3	5.7	5.2	1.8	5.7	5.1				0.19	2	
L85320-01DUP	DUP-RER	11/22/10			0.27	1.3	1.4	-.35	1.4	1.4				0.32	2	
L85249-03MS	MS	11/22/10	RC091218-1	180.13	0.3	5.7	5.2	80	15	5	44.2	63	146			M2

Lead 210, dissolved EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG293921																
WG293459LCSW	LCSW	11/30/10	RC100623-1	76.38				48	2.9	3.1	62.8	47	102			
WG293459PBW	PBW	11/30/10						0	1.2	2.6			5.2			
L85342-02DUP	DUP-RER	11/30/10			1.5	1.7	3.4	.01	1.8	3.7				0.6	2	
L85342-03MS	MS	11/30/10	RC100623-1	76.38	0.98	1.6	3.3	25	3.1	4.4	31.4	47	102			M2

Lead 210, total EICHROM, OTW01 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG293920																
WG293459LCSW	LCSW	11/30/10	RC100623-1	76.38				48	2.9	3.1	62.8	47	102			
WG293459PBW	PBW	11/30/10						0	1.2	2.6			5.2			
L85342-03MS	MS	11/30/10	RC100623-1	76.38	0.98	1.6	3.3	25	3.1	4.4	31.4	47	102			M2
L85342-08DUP	DUP-RER	11/30/10			4.5	2.4	4.6	1.1	1.7	3.5				1.16	2	
L85342-02DUP	DUP-RER	11/30/10			1.5	1.7	3.4	.01	1.8	3.7				0.6	2	

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
WG293534																
WG293258PBW	PBW	11/17/10						-.06	0.07	0.76			1.52			
WG293258LCSW	LCSW	11/17/10	RC100624-2	23.92				24	1.4	0.69	100.4	71	121			
L85249-03DUP	DUP-RER	11/17/10			0.74	0.25	0.66	.46	0.22	0.71				0.84	2	
L85381-01DUP	DUP-RER	11/17/10			22	1.6	0.98	23	1.5	0.8				0.46	2	
L85249-04MS	MS	11/17/10	RC100624-2	23.92	0.13	0.16	0.71	25	1.4	0.7	104	71	121			

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
WG293922																
WG293640PBW	PBW	11/24/10						.02	0.18	0.94			1.88			
WG293640LCSW	LCSW	11/24/10	RC100624-2	23.92				22	1.3	0.69	92	71	121			
L85343-01DUP	DUP-RER	11/24/10			5.2	0.57	0.54	5.8	0.6	0.54				0.72	2	
L85343-02MS	MS	11/24/10	RC100624-2	23.92	2.4	0.41	0.58	24	1.3	0.56	90.3	71	121			

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

Project ID: PINON RIDGE

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
WG293636																
WG293322LCSW	LCSW	11/18/10	PCN35600	19.39				17	1.2	0.86	87.7	49	132			
WG293322PBW	PBW	11/18/10						.85	0.49	1.1			2.2			
L85073-01DUP	DUP-RER	11/18/10			1.5	0.5	0.8	2.2	0.55	0.95				0.94	2	
L85073-04MS	MS	11/18/10	PCN35601	19.39	2.2	0.58	1	18	1.1	0.97	81.5	49	132			
L85249-04DUP	DUP-RER	11/18/10			1.5	0.46	1	1.6	0.51	1.1				0.15	2	
WG293916																
WG293642PBW	PBW	11/24/10						.39	0.49	0.91			1.82			
WG293642LCSW	LCSW	11/24/10	PCN35601	19.35				18	1.2	1.1	93	49	132			
L85391-02MS	MS	11/24/10	PCN35602	19.35	0.48	0.48	0.8	17	1.1	1.2	85.4	49	132			
L85391-01DUP	DUP-RER	11/24/10			0.15	0.44	1	.78	0.53	1.1				0.91	2	
L85342-07DUP	DUP-RER	11/24/10			0.39	0.48	1.1	.94	0.49	0.79				0.8	2	

Radium 228, total M904.0 pCi/L

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG293637																
WG293322LCSW	LCSW	11/18/10	PCN35600	19.39				17	1.2	0.86	87.7	49	132			
WG293322PBW	PBW	11/18/10						.85	0.49	1.1			2.2			
L85073-04MS	MS	11/18/10	PCN35601	19.39	2.2	0.58	1	18	1.1	0.97	81.5	49	132			
L85249-04DUP	DUP-RER	11/18/10			1.5	0.46	1	1.6	0.51	1.1				0.15	2	
WG293917																
WG293642LCSW	LCSW	11/24/10	PCN35601	19.35				18	1.2	1.1	93	49	132			
WG293642PBW	PBW	11/24/10						.39	0.49	0.91			1.82			
L85391-02MS	MS	11/24/10	PCN35602	19.35	0.48	0.48	0.8	17	1.1	1.2	85.4	49	132			
L85342-07DUP	DUP-RER	11/24/10			0.39	0.48	1.1	.94	0.49	0.79				0.8	2	

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
WG294029																
WG293817PBW	PBW	11/30/10						-.22	0.24	0.19			0.38			
L85278-01DUP	DUP-RER	11/30/10			0.13	0.3	0.23	-.03	0.24	0.25				0.42	2	
L85342-04DUP	DUP-RER	11/30/10			0	0	0	0	0	0				0	2	
WG294030																
WG293817PBW	PBW	11/30/10						-.22	0.24	0.19			0.38			
L85278-01DUP	DUP-RER	11/30/10			0.13	0.3	0.23	-.03	0.24	0.25				0.42	2	

Energy Fuels Resources Corporation
Project ID: PINON RIDGE

ACZ Project ID: ***L85277***

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
WG294029																
WG293817PBW	PBW	11/30/10						.1	0.21	0.5			1			
WG293817LCSW	LCSW	11/30/10	RC091215-1	162.12				180	4.6	0.59	111	90	120			
L85278-01DUP	DUP-RER	11/30/10			0.18	0.26	0.59	-.34	0.52	0.64				0.89	2	
L85342-04DUP	DUP-RER	11/30/10			0.13	0.48	0.68	.27	0.39	0.68				0.23	2	
L85278-01MS	MS	11/30/10	RC091215-1	162.12	0.18	0.26	0.59	170	4.5	0.63	104.8	90	120			
WG294030																
WG293817PBW	PBW	11/30/10						.1	0.21	0.5			1			
WG293817LCSW	LCSW	11/30/10	RC091215-1	162.12				180	4.6	0.59	111	90	120			
L85278-01DUP	DUP-RER	11/30/10			0.18	0.26	0.59	-.34	0.52	0.64				0.89	2	
L85278-01MS	MS	11/30/10	RC091215-1	162.12	0.18	0.26	0.59	170	4.5	0.63	104.8	90	120			

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
WG294029																
WG293817PBW	PBW	11/30/10						.02	0.05	0.19			0.38			
L85278-01DUP	DUP-RER	11/30/10			0.03	0.09	0.23	-.61	0.34	0.25				1.82	2	
L85342-04DUP	DUP-RER	11/30/10			0	0	0	0	0	0				0	2	
WG294030																
WG293817PBW	PBW	11/30/10						.02	0.05	0.19			0.38			
L85278-01DUP	DUP-RER	11/30/10			0.03	0.09	0.23	-.61	0.34	0.25				1.82	2	

Energy Fuels Resources Corporation ACZ Project ID: ***L85277***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L85277-01	WG293990	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293921	Lead 210, dissolved	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293920	Lead 210, total	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
L85277-02	WG293990	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293921	Lead 210, dissolved	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293920	Lead 210, total	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
L85277-03	WG293990	Gross Alpha, dissolved	M9310	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293921	Lead 210, dissolved	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.
	WG293920	Lead 210, total	EICHROM, OTW01	M2	Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.

Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.	
Lead 210, dissolved	EICHROM, OTW01
Lead 210, total	EICHROM, OTW01
Thorium 228	ESM 4506
Thorium 230	ESM 4506
Thorium 232	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

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation

ACZ Project ID: L85277
Date Received: 11/10/2010 10:18
Received By:
Date Printed: 11/10/2010

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)
2668	1.1	10
NA11978	0.5	10
2854	1.3	12

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

Notes

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Energy Fuels Resources Corporation

ACZ Project ID: L85277
Date Received: 11/10/2010 10:18
Received By:
Date Printed: 11/10/2010

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
L85277-01	DR-UP	Y				Y						
L85277-02	DR-DOWN	Y				Y						
L85277-03	DR-MID	Y				Y						

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/Hydrochloric	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: _____

ACZ Laboratories, Inc.

L85277

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

CHAIN of CUSTODY

Report to:

Name: Zach Rogers
Company: Energy Fuels Resources
E-mail: z.rogers@energyfuels.com
Address: 44 Union Blvd Suite 600
Lakewood, CO 80228
Telephone: 303-974-2151

Copy of Report to:

Name:
Company:
E-mail:
Telephone:

Invoice to:

Name: Same as above
Company:
E-mail:
Address: Same as above
Telephone:

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses? If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO" is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

YES Yes
NO Yes

PROJECT INFORMATION

Quote #: SW-TBL-4-Full
Project/PO #: Piñon Ridge
Reporting state for compliance testing: No
Sampler's Name: Jess W Fulbright
Are any samples NRC licensable material? No

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	Dolores River	Major Ions						
DR-Up	11-8-10:1412	SW	9	X	X						
DR-Down	11-8-10:1035	SW	9	X	X						
DR-Mid	11-8-10:1242	SW	9	X	X						

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other

REMARKS/ SAMPLE DISCLOSURES

Field filtering not possible, all samples must be filtered in lab.
All times are mountain standard time. Three separate coolers.

PAGE 1 of 1

Please refer to ACZ's terms & conditions located on the reverse side of this COC.

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Jess W Fulbright	11-9-10:1140		
			11-10-10 1017

L85277 Chain of Custody

FRMAD050.03.05.02 White - Return with sample