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# ANALYTICAL SUMMARY REPORT

March 27, 2007

UR Energy USA Inc
10758 W Centennial Rd Ste 200
Ken Caryl Ranch, CO 80127

Workorder No.: C07030113

Project Name: Lost Creek

Energy Laboratories, Inc. received the following 17 samples from UR Energy USA Inc on 3/2/2007 for analysis.

| Sample ID | Client Sample ID | Collect Date | Receive Date | Matrix | Test |
|---|---|---|---|---|---|
| C07030113-001 | LC15M | 03/01/07 13:51 | 03/02/07 | Aqueous | Metals by ICP/ICPMS, Dissolved<br>Metals by ICP/ICPMS, Total<br>Alkalinity<br>QA Calculations<br>Chloride<br>Conductivity<br>Sample Filtering<br>Fluoride<br>Nitrogen, Ammonia<br>Nitrogen, Nitrate + Nitrite<br>pH<br>Gross Alpha, Gross Beta<br>Radium 226, Dissolved<br>Radium 228, Dissolved<br>Solids, Total Dissolved<br>Sulfate |
| C07030113-002 | LC29M | 03/01/07 14:05 | 03/02/07 | Aqueous | Same As Above |
| C07030113-003 | LC17M | 03/01/07 14:36 | 03/02/07 | Aqueous | Same As Above |
| C07030113-004 | LC16M | 03/01/07 14:58 | 03/02/07 | Aqueous | Same As Above |
| C07030113-005 | LC26M | 03/01/07 15:29 | 03/02/07 | Aqueous | Same As Above |
| C07030113-006 | LC27M | 03/01/07 16:01 | 03/02/07 | Aqueous | Same As Above |
| C07030113-007 | Field Blank | 03/01/07 16:10 | 03/02/07 | Aqueous | Same As Above |
| C07030113-008 | LC18M | 03/01/07 08:00 | 03/02/07 | Aqueous | Same As Above |
| C07030113-009 | LC20M | 03/01/07 08:58 | 03/02/07 | Aqueous | Same As Above |
| C07030113-010 | LC30M | 03/01/07 10:03 | 03/02/07 | Aqueous | Same As Above |
| C07030113-011 | LC22M | 03/01/07 10:41 | 03/02/07 | Aqueous | Same As Above |
| C07030113-012 | LC21M | 02/28/07 23:06 | 03/02/07 | Aqueous | Same As Above |
| C07030113-013 | LC23M | 03/01/07 11:06 | 03/02/07 | Aqueous | Same As Above |
| C07030113-014 | LC1 | 03/01/07 12:06 | 03/02/07 | Aqueous | Same As Above |
| C07030113-015 | LC2 | 03/01/07 12:10 | 03/02/07 | Aqueous | Same As Above |
| C07030113-016 | LC25 | 03/01/07 13:00 | 03/02/07 | Aqueous | Same As Above |
| C07030113-017 | LC24M | 03/01/07 13:26 | 03/02/07 | Aqueous | Same As Above |

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

**Report Approved By:** R.A. Garling
ROGER GARLING
LABORATORY SUPERVISOR

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-001
**Client Sample ID:** LC15M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:51
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:34 / jaj |
| Bicarbonate as HCO3 | 130 | mg/L | | 1 | | A2320 B | 03/05/07 12:34 / jaj |
| Calcium | 89 | mg/L | | 1 | | E200.7 | 03/14/07 14:45 / ts |
| Chloride | ND | mg/L | | 1 | | A4500-Cl B | 03/06/07 13:54 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 14:58 / jaj |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 03/14/07 14:45 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 08:47 / jal |
| Nitrogen, Nitrate+Nitrite as N | 0.2 | mg/L | | 0.1 | | E353.2 | 03/06/07 12:33 / ljl |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 14:45 / ts |
| Silica | 14.8 | mg/L | | 0.1 | | E200.7 | 03/14/07 14:45 / ts |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 03/14/07 14:45 / ts |
| Sulfate | 180 | mg/L | D | 3 | | A4500-SO4 E | 03/05/07 15:35 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 587 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:43 / lm |
| pH | 7.32 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:43 / lm |
| Solids, Total Dissolved TDS @ 180 C | 396 | mg/L | | 10 | | A2540 C | 03/05/07 13:46 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:46 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:46 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:46 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 14:45 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 05:46 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 05:46 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 05:46 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 14:45 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:46 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 05:46 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:46 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:46 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 05:46 / sml |
| Selenium | 0.017 | mg/L | | 0.001 | | E200.8 | 03/07/07 05:46 / sml |
| Uranium | 0.467 | mg/L | | 0.0003 | | E200.8 | 03/07/07 05:46 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:46 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 22:14 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:06 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:06 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-001
**Client Sample ID:** LC15M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:51
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 374 | pCi/L | | 1.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Alpha precision (±) | 4.4 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta | 92.7 | pCi/L | | 2.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Radium 226 | 6.0 | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 226 precision (±) | 0.8 | pCi/L | | | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | 3.5 | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| Radium 228 precision (±) | 1.6 | pCi/L | | | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 3.14 | % | | | | Calculation | 03/15/07 10:18 / bws |
| Anions | 5.93 | meq/L | | | | Calculation | 03/15/07 10:18 / bws |
| Cations | 6.32 | meq/L | | | | Calculation | 03/15/07 10:18 / bws |
| Solids, Total Dissolved Calculated | 390 | mg/L | | | | Calculation | 03/15/07 10:18 / bws |
| TDS Balance (0.80 - 1.20) | 1.02 | dec. % | | | | Calculation | 03/15/07 10:18 / bws |

**Report Definitions:**
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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-002
**Client Sample ID:** LC29M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:05
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:36 / jaj |
| Bicarbonate as HCO3 | 205 | mg/L | | 1 | | A2320 B | 03/05/07 12:36 / jaj |
| Calcium | 57 | mg/L | | 1 | | E200.7 | 03/14/07 14:49 / ts |
| Chloride | 4 | mg/L | | 1 | | A4500-Cl B | 03/06/07 13:55 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:00 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 14:49 / ts |
| Nitrogen, Ammonia as N | 0.26 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 08:49 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:35 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 14:49 / ts |
| Silica | 18.1 | mg/L | | 0.1 | | E200.7 | 03/14/07 14:49 / ts |
| Sodium | 24 | mg/L | | 1 | | E200.7 | 03/14/07 14:49 / ts |
| Sulfate | 54 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 15:41 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 385 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:48 / lm |
| pH | 7.77 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:48 / lm |
| Solids, Total Dissolved TDS @ 180 C | 242 | mg/L | | 10 | | A2540 C | 03/05/07 13:46 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:54 / sml |
| Arsenic | 0.005 | mg/L | | 0.001 | | E200.8 | 03/07/07 05:54 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:54 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 14:49 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 05:54 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 05:54 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 05:54 / sml |
| Iron | 0.22 | mg/L | | 0.03 | | E200.7 | 03/14/07 14:49 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:54 / sml |
| Manganese | 0.20 | mg/L | | 0.01 | | E200.8 | 03/07/07 05:54 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:54 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:54 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 05:54 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 05:54 / sml |
| Uranium | 0.318 | mg/L | | 0.0003 | | E200.8 | 03/07/07 05:54 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 05:54 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 22:22 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | 0.40 | mg/L | | 0.03 | | E200.7 | 03/14/07 17:16 / ts |
| Manganese | 0.24 | mg/L | | 0.01 | | E200.7 | 03/14/07 17:16 / ts |

**Report Definitions:**
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D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-002
**Client Sample ID:** LC29M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:05
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 265 | pCi/L | | 1.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Alpha precision (±) | 3.9 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta | 86.1 | pCi/L | | 2.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta precision (±) | 2.5 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Radium 226 | 4.0 | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 226 precision (±) | 0.7 | pCi/L | | | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -3.70 | % | | | | Calculation | 03/15/07 10:19 / bws |
| Anions | 4.62 | meq/L | | | | Calculation | 03/15/07 10:19 / bws |
| Cations | 4.29 | meq/L | | | | Calculation | 03/15/07 10:19 / bws |
| Solids, Total Dissolved Calculated | 265 | mg/L | | | | Calculation | 03/15/07 10:19 / bws |
| TDS Balance (0.80 - 1.20) | 0.910 | dec. % | | | | Calculation | 03/15/07 10:19 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-003
**Client Sample ID:** LC17M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:36
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:38 / jaj |
| Bicarbonate as HCO3 | 124 | mg/L | | 1 | | A2320 B | 03/05/07 12:38 / jaj |
| Calcium | 62 | mg/L | | 1 | | E200.7 | 03/14/07 14:52 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 13:56 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:05 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 14:52 / ts |
| Nitrogen, Ammonia as N | 0.06 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:01 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:38 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 14:52 / ts |
| Silica | 16.8 | mg/L | | 0.1 | | E200.7 | 03/14/07 14:52 / ts |
| Sodium | 29 | mg/L | | 1 | | E200.7 | 03/14/07 14:52 / ts |
| Sulfate | 105 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 15:51 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 433 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:50 / lm |
| pH | 7.88 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:50 / lm |
| Solids, Total Dissolved TDS @ 180 C | 284 | mg/L | | 10 | | A2540 C | 03/05/07 13:46 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:31 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 03/07/07 06:31 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:31 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 14:52 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 06:31 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:31 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 06:31 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 14:52 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:31 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 03/07/07 06:31 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:31 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:31 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:31 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:31 / sml |
| Uranium | 0.0106 | mg/L | | 0.0003 | | E200.8 | 03/07/07 06:31 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:31 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 22:59 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:19 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:19 / ts |

**Report Definitions:**
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-003
**Client Sample ID:** LC17M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:36
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 26.8 | pCi/L | | 1.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Alpha precision (±) | 1.4 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta | 11.5 | pCi/L | | 2.0 | | E900.0 | 03/19/07 00:29 / res |
| Gross Beta precision (±) | 1.5 | pCi/L | | | | E900.0 | 03/19/07 00:29 / res |
| Radium 226 | 5.5 | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 226 precision (±) | 0.7 | pCi/L | | | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 2.95 | % | | | | Calculation | 03/15/07 10:19 / bws |
| Anions | 4.37 | meq/L | | | | Calculation | 03/15/07 10:19 / bws |
| Cations | 4.64 | meq/L | | | | Calculation | 03/15/07 10:19 / bws |
| Solids, Total Dissolved Calculated | 284 | mg/L | | | | Calculation | 03/15/07 10:19 / bws |
| TDS Balance (0.80 - 1.20) | 1.00 | dec. % | | | | Calculation | 03/15/07 10:19 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-004
**Client Sample ID:** LC16M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:58
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:39 / jaj |
| Bicarbonate as HCO3 | 132 | mg/L | | 1 | | A2320 B | 03/05/07 12:39 / jaj |
| Calcium | 74 | mg/L | | 1 | | E200.7 | 03/14/07 15:02 / ts |
| Chloride | 4 | mg/L | | 1 | | A4500-Cl B | 03/06/07 13:57 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:07 / jaj |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 03/14/07 15:02 / ts |
| Nitrogen, Ammonia as N | 0.05 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:03 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:40 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 15:02 / ts |
| Silica | 15.0 | mg/L | | 0.1 | | E200.7 | 03/14/07 15:02 / ts |
| Sodium | 30 | mg/L | | 1 | | E200.7 | 03/14/07 15:02 / ts |
| Sulfate | 138 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 16:00 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 509 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:52 / lm |
| pH | 7.92 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:52 / lm |
| Solids, Total Dissolved TDS @ 180 C | 336 | mg/L | | 10 | | A2540 C | 03/05/07 13:47 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:39 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 03/07/07 06:39 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:39 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:02 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 06:39 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:39 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 06:39 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:02 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:39 / sml |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.8 | 03/07/07 06:39 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:39 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:39 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:39 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:39 / sml |
| Uranium | 0.134 | mg/L | | 0.0003 | | E200.8 | 03/07/07 06:39 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:39 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 23:07 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:23 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 03/14/07 17:23 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-004
**Client Sample ID:** LC16M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 14:58
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 290 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 3.6 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 79.7 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 2.4 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 65.1 | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 226 precision (±) | 2.5 | pCi/L | | | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | 3.8 | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 2.09 | % | | | | Calculation | 03/15/07 10:20 / bws |
| Anions | 5.17 | meq/L | | | | Calculation | 03/15/07 10:20 / bws |
| Cations | 5.39 | meq/L | | | | Calculation | 03/15/07 10:20 / bws |
| Solids, Total Dissolved Calculated | 333 | mg/L | | | | Calculation | 03/15/07 10:20 / bws |
| TDS Balance (0.80 - 1.20) | 1.01 | dec. % | | | | Calculation | 03/15/07 10:20 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-005
**Client Sample ID:** LC26M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 15:29
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:41 / jaj |
| Bicarbonate as HCO3 | 159 | mg/L | | 1 | | A2320 B | 03/05/07 12:41 / jaj |
| Calcium | 125 | mg/L | | 1 | | E200.7 | 03/14/07 15:06 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 13:58 / jl |
| Fluoride | 0.1 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:07 / jaj |
| Magnesium | 5 | mg/L | | 1 | | E200.7 | 03/14/07 15:06 / ts |
| Nitrogen, Ammonia as N | 0.07 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:05 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:43 / ljl |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 15:06 / ts |
| Silica | 16.2 | mg/L | | 0.1 | | E200.7 | 03/14/07 15:06 / ts |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 03/14/07 15:06 / ts |
| Sulfate | 253 | mg/L | D | 3 | | A4500-SO4 E | 03/05/07 16:04 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 745 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:55 / lm |
| pH | 7.85 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:55 / lm |
| Solids, Total Dissolved TDS @ 180 C | 516 | mg/L | | 10 | | A2540 C | 03/05/07 13:47 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:46 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:46 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:46 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:06 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 06:46 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:46 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 06:46 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:06 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:46 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 03/07/07 06:46 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:46 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:46 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:46 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:46 / sml |
| Uranium | 0.0450 | mg/L | | 0.0003 | | E200.8 | 03/07/07 06:46 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:46 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 23:14 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:26 / ts |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.7 | 03/14/07 17:26 / ts |

**Report Definitions:**
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-005
**Client Sample ID:** LC26M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 15:29
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 30.5 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 46.1 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 2.6 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | ND | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | 3.6 | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 1.12 | % | | | | Calculation | 03/15/07 10:21 / bws |
| Anions | 8.02 | meq/L | | | | Calculation | 03/15/07 10:21 / bws |
| Cations | 8.20 | meq/L | | | | Calculation | 03/15/07 10:21 / bws |
| Solids, Total Dissolved Calculated | 519 | mg/L | | | | Calculation | 03/15/07 10:21 / bws |
| TDS Balance (0.80 - 1.20) | 0.990 | dec. % | | | | Calculation | 03/15/07 10:21 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-006
**Client Sample ID:** LC27M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 16:01
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | 1 | mg/L | | 1 | | A2320 B | 03/05/07 12:43 / jaj |
| Bicarbonate as HCO3 | 38 | mg/L | | 1 | | A2320 B | 03/05/07 12:43 / jaj |
| Calcium | 11 | mg/L | | 1 | | E200.7 | 03/14/07 15:09 / ts |
| Chloride | 4 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:00 / jl |
| Fluoride | 0.3 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:08 / jaj |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:09 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:07 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:53 / ljl |
| Potassium | 5 | mg/L | | 1 | | E200.7 | 03/14/07 15:09 / ts |
| Silica | 16.4 | mg/L | | 0.1 | | E200.7 | 03/14/07 15:09 / ts |
| Sodium | 21 | mg/L | | 1 | | E200.7 | 03/14/07 15:09 / ts |
| Sulfate | 39 | mg/L | | 1 | | A4500-SO4 E | 03/05/07 16:12 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 171 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:57 / lm |
| pH | 8.74 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:57 / lm |
| Solids, Total Dissolved TDS @ 180 C | 114 | mg/L | | 10 | | A2540 C | 03/05/07 13:47 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:54 / sml |
| Arsenic | 0.007 | mg/L | | 0.001 | | E200.8 | 03/07/07 06:54 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:54 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:09 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 06:54 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:54 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 06:54 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:09 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:54 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 06:54 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:54 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:54 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 06:54 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 06:54 / sml |
| Uranium | 0.0013 | mg/L | | 0.0003 | | E200.8 | 03/07/07 06:54 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 06:54 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/08/07 23:22 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:39 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:39 / ts |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-006
**Client Sample ID:** LC27M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 16:01
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 77.7 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 0.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 4.1 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.4 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 26.6 | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 226 precision (±) | 1.6 | pCi/L | | | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 0.798 | % | | | | Calculation | 03/15/07 10:22 / bws |
| Anions | 1.60 | meq/L | | | | Calculation | 03/15/07 10:22 / bws |
| Cations | 1.63 | meq/L | | | | Calculation | 03/15/07 10:22 / bws |
| Solids, Total Dissolved Calculated | 117 | mg/L | | | | Calculation | 03/15/07 10:22 / bws |
| TDS Balance (0.80 - 1.20) | 0.970 | dec. % | | | | Calculation | 03/15/07 10:22 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-007
**Client Sample ID:** Field Blank

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 16:10
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:44 / jaj |
| Bicarbonate as HCO3 | 5 | mg/L | | 1 | | A2320 B | 03/05/07 12:44 / jaj |
| Calcium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:51 / ts |
| Chloride | ND | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:01 / jl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:10 / jaj |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:51 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:09 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 12:55 / ljl |
| Potassium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:51 / ts |
| Silica | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:51 / ts |
| Sodium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:51 / ts |
| Sulfate | ND | mg/L | | 1 | | A4500-SO4 E | 03/05/07 16:27 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 1.7 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 10:58 / lm |
| pH | 7.12 | s.u. | | 0.01 | | A4500-H B | 03/05/07 10:58 / lm |
| Solids, Total Dissolved TDS @ 180 C | ND | mg/L | | 10 | | A2540 C | 03/05/07 13:47 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:01 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:01 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:01 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:51 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 07:01 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 07:01 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 07:01 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:51 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:01 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 07:01 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:01 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:01 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 07:01 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:01 / sml |
| Uranium | ND | mg/L | | 0.0003 | | E200.8 | 03/07/07 07:01 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:01 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 01:22 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:42 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:42 / ts |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-007
**Client Sample ID:** Field Blank

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 16:10
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | ND | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | ND | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | ND | pCi/L | | 0.2 | | E903.0 | 03/19/07 10:00 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -88.0 | % | | | | Calculation | 03/15/07 10:23 / bws |
| Anions | 0.080 | meq/L | | | | Calculation | 03/15/07 10:23 / bws |
| Cations | 0.005 | meq/L | | | | Calculation | 03/15/07 10:23 / bws |
| Solids, Total Dissolved Calculated | ND | | | | | Calculation | 03/15/07 10:23 / bws |
| TDS Balance (0.80 - 1.20) | ND | | | | | Calculation | 03/15/07 10:23 / bws |

- The ion balance is not appropriate for near blank results.

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-008
**Client Sample ID:** LC18M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 08:00
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:50 / jaj |
| Bicarbonate as HCO3 | 120 | mg/L | | 1 | | A2320 B | 03/05/07 12:50 / jaj |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 03/14/07 15:54 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:02 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:10 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 15:54 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:15 / jal |
| Nitrogen, Nitrate+Nitrite as N | 0.1 | mg/L | | 0.1 | | E353.2 | 03/06/07 12:58 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 15:54 / ts |
| Silica | 13.6 | mg/L | | 0.1 | | E200.7 | 03/14/07 15:54 / ts |
| Sodium | 33 | mg/L | | 1 | | E200.7 | 03/14/07 15:54 / ts |
| Sulfate | 120 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 16:32 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 460 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:01 / lm |
| pH | 7.86 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:01 / lm |
| Solids, Total Dissolved TDS @ 180 C | 304 | mg/L | | 10 | | A2540 C | 03/05/07 13:48 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:31 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 03/07/07 07:31 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:31 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:54 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 07:31 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 07:31 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 07:31 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:54 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:31 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 07:31 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 07:31 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:31 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 07:31 / sml |
| Selenium | 0.016 | mg/L | | 0.001 | | E200.8 | 03/07/07 07:31 / sml |
| Uranium | 0.533 | mg/L | | 0.0003 | | E200.8 | 03/07/07 07:31 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 07:31 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 01:30 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | 0.67 | mg/L | | 0.03 | | E200.7 | 03/14/07 17:46 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:46 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-008
**Client Sample ID:** LC18M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 08:00
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 439 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 5.3 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 148 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 3.0 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | ND | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 1.26 | % | | | | Calculation | 03/15/07 10:25 / bws |
| Anions | 4.62 | meq/L | | | | Calculation | 03/15/07 10:25 / bws |
| Cations | 4.74 | meq/L | | | | Calculation | 03/15/07 10:25 / bws |
| Solids, Total Dissolved Calculated | 296 | mg/L | | | | Calculation | 03/15/07 10:25 / bws |
| TDS Balance (0.80 - 1.20) | 1.03 | dec. % | | | | Calculation | 03/15/07 10:25 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-009
**Client Sample ID:** LC20M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 08:58
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 12:57 / jaj |
| Bicarbonate as HCO3 | 39 | mg/L | | 1 | | A2320 B | 03/05/07 12:57 / jaj |
| Calcium | 15 | mg/L | | 1 | | E200.7 | 03/14/07 15:58 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:03 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:13 / jaj |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 03/14/07 15:58 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:17 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 13:00 / ljl |
| Potassium | 11 | mg/L | | 1 | | E200.7 | 03/14/07 15:58 / ts |
| Silica | 14.6 | mg/L | | 0.1 | | E200.7 | 03/14/07 15:58 / ts |
| Sodium | 36 | mg/L | | 1 | | E200.7 | 03/14/07 15:58 / ts |
| Sulfate | 95 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 16:39 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 305 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:04 / lm |
| pH | 7.66 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:04 / lm |
| Solids, Total Dissolved TDS @ 180 C | 196 | mg/L | | 10 | | A2540 C | 03/05/07 13:48 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:09 / sml |
| Arsenic | 0.012 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:09 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:09 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 15:58 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:09 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:09 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:09 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 15:58 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:09 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:09 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:09 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:09 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:09 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/09/07 01:37 / sml |
| Uranium | 0.0240 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:09 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:09 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 01:37 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:49 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:49 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-009
**Client Sample ID:** LC20M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 08:58
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 65.3 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 1.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 23.9 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 47.8 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 2.1 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -1.36 | % | | | | Calculation | 03/15/07 10:26 / bws |
| Anions | 2.76 | meq/L | | | | Calculation | 03/15/07 10:26 / bws |
| Cations | 2.69 | meq/L | | | | Calculation | 03/15/07 10:26 / bws |
| Solids, Total Dissolved Calculated | 197 | mg/L | | | | Calculation | 03/15/07 10:26 / bws |
| TDS Balance (0.80 - 1.20) | 0.990 | dec. % | | | | Calculation | 03/15/07 10:26 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-010
**Client Sample ID:** LC30M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 10:03
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:22 / jaj |
| Bicarbonate as HCO3 | 156 | mg/L | | 1 | | A2320 B | 03/05/07 13:22 / jaj |
| Calcium | 33 | mg/L | | 1 | | E200.7 | 03/14/07 16:22 / ts |
| Chloride | 6 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:09 / jl |
| Fluoride | 0.5 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:14 / jaj |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:22 / ts |
| Nitrogen, Ammonia as N | 0.07 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:19 / jal |
| Nitrogen, Nitrate+Nitrite as N | 0.6 | mg/L | | 0.1 | | E353.2 | 03/06/07 13:03 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:22 / ts |
| Silica | 17.4 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:22 / ts |
| Sodium | 51 | mg/L | | 1 | | E200.7 | 03/14/07 16:22 / ts |
| Sulfate | 51 | mg/L | | 1 | | A4500-SO4 E | 03/05/07 16:45 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 393 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:09 / lm |
| pH | 8.02 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:09 / lm |
| Solids, Total Dissolved TDS @ 180 C | 248 | mg/L | | 10 | | A2540 C | 03/05/07 13:49 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:16 / sml |
| Arsenic | 0.004 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:16 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:16 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:22 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:16 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:16 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:16 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:22 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:16 / sml |
| Manganese | 0.07 | mg/L | | 0.01 | | E200.8 | 03/07/07 08:16 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:16 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:16 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:16 / sml |
| Selenium | 0.006 | mg/L | | 0.001 | | E200.8 | 03/09/07 01:45 / sml |
| Uranium | 0.162 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:16 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:16 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 01:45 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | 0.11 | mg/L | | 0.03 | | E200.7 | 03/14/07 17:53 / ts |
| Manganese | 0.08 | mg/L | | 0.01 | | E200.7 | 03/14/07 17:53 / ts |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-010
**Client Sample ID:** LC30M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 10:03
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 108 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 2.6 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 31.9 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 5.7 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.8 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 2.73 | % | | | | Calculation | 03/15/07 10:27 / bws |
| Anions | 3.85 | meq/L | | | | Calculation | 03/15/07 10:27 / bws |
| Cations | 4.06 | meq/L | | | | Calculation | 03/15/07 10:27 / bws |
| Solids, Total Dissolved Calculated | 241 | mg/L | | | | Calculation | 03/15/07 10:27 / bws |
| TDS Balance (0.80 - 1.20) | 1.03 | dec. % | | | | Calculation | 03/15/07 10:27 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-011
**Client Sample ID:** LC22M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 10:41
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:24 / jaj |
| Bicarbonate as HCO3 | 110 | mg/L | | 1 | | A2320 B | 03/05/07 13:24 / jaj |
| Calcium | 60 | mg/L | | 1 | | E200.7 | 03/14/07 16:26 / ts |
| Chloride | 6 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:09 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:15 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 16:26 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:21 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 13:13 / ljl |
| Potassium | 4 | mg/L | | 1 | | E200.7 | 03/14/07 16:26 / ts |
| Silica | 14.2 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:26 / ts |
| Sodium | 37 | mg/L | | 1 | | E200.7 | 03/14/07 16:26 / ts |
| Sulfate | 142 | mg/L | D | 2 | | A4500-SO4 E | 03/05/07 16:51 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 483 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:12 / lm |
| pH | 7.87 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:12 / lm |
| Solids, Total Dissolved TDS @ 180 C | 318 | mg/L | | 10 | | A2540 C | 03/05/07 13:49 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:24 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:24 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:24 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:26 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:24 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:24 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:24 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:26 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:24 / sml |
| Manganese | 0.02 | mg/L | | 0.01 | | E200.8 | 03/07/07 08:24 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:24 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:24 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:24 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/09/07 01:52 / sml |
| Uranium | 0.129 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:24 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:24 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 01:52 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:56 / ts |
| Manganese | 0.01 | mg/L | | 0.01 | | E200.7 | 03/14/07 17:56 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-011
**Client Sample ID:** LC22M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 10:41
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 86.5 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 6.8 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 97.9 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 4.1 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 1.7 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.4 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | 3.6 | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| Radium 228 precision (±) | 1.0 | pCi/L | | | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 0.092 | % | | | | Calculation | 03/15/07 10:27 / bws |
| Anions | 4.92 | meq/L | | | | Calculation | 03/15/07 10:27 / bws |
| Cations | 4.93 | meq/L | | | | Calculation | 03/15/07 10:27 / bws |
| Solids, Total Dissolved Calculated | 319 | mg/L | | | | Calculation | 03/15/07 10:27 / bws |
| TDS Balance (0.80 - 1.20) | 1.00 | dec. % | | | | Calculation | 03/15/07 10:27 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-012
**Client Sample ID:** LC21M

**Report Date:** 03/27/07
**Collection Date:** 02/28/07 23:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:25 / jaj |
| Bicarbonate as HCO3 | 120 | mg/L | | 1 | | A2320 B | 03/05/07 13:25 / jaj |
| Calcium | 35 | mg/L | | 1 | | E200.7 | 03/14/07 16:36 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:10 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:17 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 16:36 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:23 / jal |
| Nitrogen, Nitrate+Nitrite as N | 1.0 | mg/L | | 0.1 | | E353.2 | 03/06/07 13:15 / ljl |
| Potassium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 16:36 / ts |
| Silica | 15.2 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:36 / ts |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 03/14/07 16:36 / ts |
| Sulfate | 60 | mg/L | D | 1 | | A4500-SO4 E | 03/05/07 16:56 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 333 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:14 / lm |
| pH | 8.25 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:14 / lm |
| Solids, Total Dissolved TDS @ 180 C | 212 | mg/L | | 10 | | A2540 C | 03/05/07 13:50 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:31 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:31 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:31 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:36 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:31 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:31 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:31 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:36 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:31 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:31 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:31 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:31 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:31 / sml |
| Selenium | 0.034 | mg/L | | 0.001 | | E200.8 | 03/09/07 02:00 / sml |
| Uranium | 0.270 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:31 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:31 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 02:00 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:59 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 17:59 / ts |

**Report Definitions:**
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D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-012
**Client Sample ID:** LC21M

**Report Date:** 03/27/07
**Collection Date:** 02/28/07 23:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 815 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 3.8 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 62.6 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 2.2 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 230 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 4.7 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -0.384 | % | | | | Calculation | 03/15/07 10:28 / bws |
| Anions | 3.41 | meq/L | | | | Calculation | 03/15/07 10:28 / bws |
| Cations | 3.39 | meq/L | | | | Calculation | 03/15/07 10:28 / bws |
| Solids, Total Dissolved Calculated | 214 | mg/L | | | | Calculation | 03/15/07 10:28 / bws |
| TDS Balance (0.80 - 1.20) | 0.990 | dec. % | | | | Calculation | 03/15/07 10:28 / bws |

**Report Definitions:**
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MCL - Maximum contaminant level.
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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-013
**Client Sample ID:** LC23M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 11:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | 137 | mg/L | | 1 | | A2320 B | 03/05/07 13:28 / jaj |
| Bicarbonate as HCO3 | 7 | mg/L | | 1 | | A2320 B | 03/05/07 13:28 / jaj |
| Calcium | 52 | mg/L | | 1 | | E200.7 | 03/14/07 16:39 / ts |
| Chloride | 15 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:11 / jl |
| Fluoride | 0.4 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:18 / jaj |
| Magnesium | ND | mg/L | | 1 | | E200.7 | 03/14/07 16:39 / ts |
| Nitrogen, Ammonia as N | 0.86 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:31 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 13:18 / ljl |
| Potassium | 48 | mg/L | | 1 | | E200.7 | 03/14/07 16:39 / ts |
| Silica | 10.7 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:39 / ts |
| Sodium | 64 | mg/L | | 1 | | E200.7 | 03/14/07 16:39 / ts |
| Sulfate | 146 | mg/L | D | 3 | | A4500-SO4 E | 03/05/07 17:05 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 1180 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:15 / lm |
| pH | 11.6 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:15 / lm |
| Solids, Total Dissolved TDS @ 180 C | 426 | mg/L | | 10 | | A2540 C | 03/05/07 13:50 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:39 / sml |
| Arsenic | 0.003 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:39 / sml |
| Barium | 0.3 | mg/L | | 0.1 | | E200.8 | 03/07/07 08:39 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:39 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:39 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:39 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:39 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:39 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:39 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:39 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:39 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:39 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:39 / sml |
| Selenium | 0.001 | mg/L | | 0.001 | | E200.8 | 03/09/07 02:07 / sml |
| Uranium | 0.0025 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:39 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:39 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 02:07 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 18:10 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 18:10 / ts |

**Report Definitions:**
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D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-013
**Client Sample ID:** LC23M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 11:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 5.3 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 1.2 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 34.8 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 2.0 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 1.9 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.5 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -4.79 | % | | | | Calculation | 03/15/07 10:29 / bws |
| Anions | 7.33 | meq/L | | | | Calculation | 03/15/07 10:29 / bws |
| Cations | 6.66 | meq/L | | | | Calculation | 03/15/07 10:29 / bws |
| Solids, Total Dissolved Calculated | 452 | mg/L | | | | Calculation | 03/15/07 10:29 / bws |
| TDS Balance (0.80 - 1.20) | 0.940 | dec. % | | | | Calculation | 03/15/07 10:29 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-014
**Client Sample ID:** LC1

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 12:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:30 / jaj |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 03/05/07 13:30 / jaj |
| Calcium | 29 | mg/L | | 1 | | E200.7 | 03/14/07 16:43 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:12 / jl |
| Fluoride | 0.4 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:19 / jaj |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:43 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:33 / jal |
| Nitrogen, Nitrate+Nitrite as N | 1.7 | mg/L | | 0.1 | | E353.2 | 03/06/07 13:20 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:43 / ts |
| Silica | 13.6 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:43 / ts |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 03/14/07 16:43 / ts |
| Sulfate | 20 | mg/L | | 1 | | A4500-SO4 E | 03/05/07 17:14 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 273 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:18 / lm |
| pH | 8.04 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:18 / lm |
| Solids, Total Dissolved TDS @ 180 C | 162 | mg/L | | 10 | | A2540 C | 03/05/07 13:50 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:46 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:46 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:46 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:43 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:46 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:46 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:46 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:43 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:46 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:46 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:46 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:46 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:46 / sml |
| Selenium | 0.007 | mg/L | | 0.001 | | E200.8 | 03/09/07 02:15 / sml |
| Uranium | 0.129 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:46 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:46 / sml |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.8 | 03/09/07 02:15 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 18:22 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 18:22 / ts |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-014
**Client Sample ID:** LC1

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 12:06
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 103 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 2.9 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 30.2 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.8 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 4.1 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.7 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 1.27 | % | | | | Calculation | 03/15/07 10:30 / bws |
| Anions | 2.81 | meq/L | | | | Calculation | 03/15/07 10:30 / bws |
| Cations | 2.88 | meq/L | | | | Calculation | 03/15/07 10:30 / bws |
| Solids, Total Dissolved Calculated | 171 | mg/L | | | | Calculation | 03/15/07 10:30 / bws |
| TDS Balance (0.80 - 1.20) | 0.950 | dec. % | | | | Calculation | 03/15/07 10:30 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-015
**Client Sample ID:** LC2

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 12:10
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:31 / jaj |
| Bicarbonate as HCO3 | 129 | mg/L | | 1 | | A2320 B | 03/05/07 13:31 / jaj |
| Calcium | 29 | mg/L | | 1 | | E200.7 | 03/14/07 16:56 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:13 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:19 / jaj |
| Magnesium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:56 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:35 / jal |
| Nitrogen, Nitrate+Nitrite as N | 1.7 | mg/L | | 0.1 | | E353.2 | 03/06/07 13:23 / ljl |
| Potassium | 1 | mg/L | | 1 | | E200.7 | 03/14/07 16:56 / ts |
| Silica | 13.6 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:56 / ts |
| Sodium | 28 | mg/L | | 1 | | E200.7 | 03/14/07 16:56 / ts |
| Sulfate | 20 | mg/L | | 1 | | A4500-SO4 E | 03/05/07 17:17 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 272 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:20 / lm |
| pH | 7.98 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:20 / lm |
| Solids, Total Dissolved TDS @ 180 C | 162 | mg/L | | 10 | | A2540 C | 03/05/07 13:50 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:54 / sml |
| Arsenic | 0.002 | mg/L | | 0.001 | | E200.8 | 03/07/07 08:54 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:54 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:56 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 08:54 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:54 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:54 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:56 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:54 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 08:54 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 08:54 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:54 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 08:54 / sml |
| Selenium | 0.008 | mg/L | | 0.001 | | E200.8 | 03/09/07 02:22 / sml |
| Uranium | 0.130 | mg/L | | 0.0003 | | E200.8 | 03/07/07 08:54 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 08:54 / sml |
| Zinc | 0.05 | mg/L | | 0.01 | | E200.8 | 03/09/07 02:22 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 18:26 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 18:26 / ts |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-015
**Client Sample ID:** LC2

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 12:10
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 87.3 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 3.0 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 33.4 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.9 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | ND | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | ND | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 1.05 | % | | | | Calculation | 03/15/07 10:31 / bws |
| Anions | 2.80 | meq/L | | | | Calculation | 03/15/07 10:31 / bws |
| Cations | 2.86 | meq/L | | | | Calculation | 03/15/07 10:31 / bws |
| Solids, Total Dissolved Calculated | 170 | mg/L | | | | Calculation | 03/15/07 10:31 / bws |
| TDS Balance (0.80 - 1.20) | 0.950 | dec. % | | | | Calculation | 03/15/07 10:31 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-016
**Client Sample ID:** LC25

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:00
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:33 / jaj |
| Bicarbonate as HCO3 | 126 | mg/L | | 1 | | A2320 B | 03/05/07 13:33 / jaj |
| Calcium | 72 | mg/L | | 1 | | E200.7 | 03/14/07 16:59 / ts |
| Chloride | 6 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:14 / jl |
| Fluoride | 0.2 | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:20 / jaj |
| Magnesium | 4 | mg/L | | 1 | | E200.7 | 03/14/07 16:59 / ts |
| Nitrogen, Ammonia as N | ND | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:37 / jal |
| Nitrogen, Nitrate+Nitrite as N | 0.2 | mg/L | | 0.1 | | E353.2 | 03/06/07 13:33 / ljl |
| Potassium | 2 | mg/L | | 1 | | E200.7 | 03/14/07 16:59 / ts |
| Silica | 14.7 | mg/L | | 0.1 | | E200.7 | 03/14/07 16:59 / ts |
| Sodium | 32 | mg/L | | 1 | | E200.7 | 03/14/07 16:59 / ts |
| Sulfate | 150 | mg/L | D | 3 | | A4500-SO4 E | 03/05/07 17:21 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 519 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:23 / lm |
| pH | 7.97 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:23 / lm |
| Solids, Total Dissolved TDS @ 180 C | 338 | mg/L | | 10 | | A2540 C | 03/05/07 13:51 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:01 / sml |
| Arsenic | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 09:01 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:01 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 16:59 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 09:01 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 09:01 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 09:01 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 16:59 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 09:01 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 09:01 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 09:01 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:01 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 09:01 / sml |
| Selenium | 0.025 | mg/L | | 0.001 | | E200.8 | 03/09/07 03:00 / sml |
| Uranium | 0.517 | mg/L | | 0.0003 | | E200.8 | 03/07/07 09:01 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:01 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 16:36 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 18:29 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 18:29 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-016
**Client Sample ID:** LC25

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:00
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 369 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 4.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 107 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 2.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 2.3 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.5 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | 2.3 | pCi/L | | 1.0 | | RA-05 | 03/13/07 14:27 / plj |
| Radium 228 precision (±) | 0.9 | pCi/L | | | | RA-05 | 03/13/07 14:27 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | 0 | % | | | | Calculation | 03/15/07 10:32 / bws |
| Anions | 5.38 | meq/L | | | | Calculation | 03/15/07 10:32 / bws |
| Cations | 5.38 | meq/L | | | | Calculation | 03/15/07 10:32 / bws |
| Solids, Total Dissolved Calculated | 344 | mg/L | | | | Calculation | 03/15/07 10:32 / bws |
| TDS Balance (0.80 - 1.20) | 0.980 | dec. % | | | | Calculation | 03/15/07 10:32 / bws |

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

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-017
**Client Sample ID:** LC24M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:26
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **MAJOR IONS** | | | | | | | |
| Carbonate as CO3 | ND | mg/L | | 1 | | A2320 B | 03/05/07 13:34 / jaj |
| Bicarbonate as HCO3 | 73 | mg/L | | 1 | | A2320 B | 03/05/07 13:34 / jaj |
| Calcium | 43 | mg/L | | 1 | | E200.7 | 03/14/07 17:02 / ts |
| Chloride | 5 | mg/L | | 1 | | A4500-Cl B | 03/06/07 14:15 / jl |
| Fluoride | ND | mg/L | | 0.1 | | A4500-F C | 03/05/07 15:22 / jaj |
| Magnesium | 3 | mg/L | | 1 | | E200.7 | 03/14/07 17:02 / ts |
| Nitrogen, Ammonia as N | 0.08 | mg/L | | 0.05 | | A4500-NH3 G | 03/05/07 09:39 / jal |
| Nitrogen, Nitrate+Nitrite as N | ND | mg/L | | 0.1 | | E353.2 | 03/06/07 13:35 / ljl |
| Potassium | 7 | mg/L | | 1 | | E200.7 | 03/14/07 17:02 / ts |
| Silica | 14.8 | mg/L | | 0.1 | | E200.7 | 03/14/07 17:02 / ts |
| Sodium | 31 | mg/L | | 1 | | E200.7 | 03/14/07 17:02 / ts |
| Sulfate | 126 | mg/L | D | 3 | | A4500-SO4 E | 03/05/07 17:31 / ljl |
| **PHYSICAL PROPERTIES** | | | | | | | |
| Conductivity | 410 | umhos/cm | | 1.0 | | A2510 B | 03/05/07 11:25 / lm |
| pH | 7.99 | s.u. | | 0.01 | | A4500-H B | 03/05/07 11:25 / lm |
| Solids, Total Dissolved TDS @ 180 C | 266 | mg/L | | 10 | | A2540 C | 03/05/07 13:51 / lm |
| **METALS - DISSOLVED** | | | | | | | |
| Aluminum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:09 / sml |
| Arsenic | 0.001 | mg/L | | 0.001 | | E200.8 | 03/07/07 09:09 / sml |
| Barium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:09 / sml |
| Boron | ND | mg/L | | 0.1 | | E200.7 | 03/14/07 17:02 / ts |
| Cadmium | ND | mg/L | | 0.005 | | E200.8 | 03/07/07 09:09 / sml |
| Chromium | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 09:09 / sml |
| Copper | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 09:09 / sml |
| Iron | ND | mg/L | | 0.03 | | E200.7 | 03/14/07 17:02 / ts |
| Lead | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 09:09 / sml |
| Manganese | ND | mg/L | | 0.01 | | E200.8 | 03/07/07 09:09 / sml |
| Mercury | ND | mg/L | | 0.001 | | E200.8 | 03/07/07 09:09 / sml |
| Molybdenum | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:09 / sml |
| Nickel | ND | mg/L | | 0.05 | | E200.8 | 03/07/07 09:09 / sml |
| Selenium | ND | mg/L | | 0.001 | | E200.8 | 03/09/07 03:30 / sml |
| Uranium | 0.0623 | mg/L | | 0.0003 | | E200.8 | 03/07/07 09:09 / sml |
| Vanadium | ND | mg/L | | 0.1 | | E200.8 | 03/07/07 09:09 / sml |
| Zinc | ND | mg/L | | 0.01 | | E200.8 | 03/09/07 17:22 / sml |
| **METALS - TOTAL** | | | | | | | |
| Iron | 0.06 | mg/L | | 0.03 | | E200.7 | 03/14/07 18:33 / ts |
| Manganese | ND | mg/L | | 0.01 | | E200.7 | 03/14/07 18:33 / ts |

**Report Definitions:**
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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# LABORATORY ANALYTICAL REPORT

**Client:** UR Energy USA Inc
**Project:** Lost Creek
**Lab ID:** C07030113-017
**Client Sample ID:** LC24M

**Report Date:** 03/27/07
**Collection Date:** 03/01/07 13:26
**DateReceived:** 03/02/07
**Matrix:** Aqueous

| Analyses | Result | Units | Qualifiers | RL | MCL/ QCL | Method | Analysis Date / By |
|---|---|---|---|---|---|---|---|
| **RADIONUCLIDES - DISSOLVED** | | | | | | | |
| Gross Alpha | 48.6 | pCi/L | | 1.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Alpha precision (±) | 2.2 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta | 22.6 | pCi/L | | 2.0 | | E900.0 | 03/20/07 03:34 / res |
| Gross Beta precision (±) | 1.7 | pCi/L | | | | E900.0 | 03/20/07 03:34 / res |
| Radium 226 | 1.8 | pCi/L | | 0.2 | | E903.0 | 03/19/07 11:05 / trs |
| Radium 226 precision (±) | 0.5 | pCi/L | | | | E903.0 | 03/19/07 11:05 / trs |
| Radium 228 | 2.0 | pCi/L | | 1.0 | | RA-05 | 03/13/07 11:55 / plj |
| **DATA QUALITY** | | | | | | | |
| A/C Balance (± 5) | -0.486 | % | | | | Calculation | 03/15/07 10:32 / bws |
| Anions | 3.97 | meq/L | | | | Calculation | 03/15/07 10:32 / bws |
| Cations | 3.93 | meq/L | | | | Calculation | 03/15/07 10:32 / bws |
| Solids, Total Dissolved Calculated | 266 | mg/L | | | | Calculation | 03/15/07 10:32 / bws |
| TDS Balance (0.80 - 1.20) | 1.00 | dec. % | | | | Calculation | 03/15/07 10:32 / bws |

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

Energy Laboratories, Inc.

## Sample Receipt Checklist

Client Name Leppert Associates Inc

Date and Time Received: 3/2/2007 09:14:00

Work Order Number C07030113

Received by tlh

Login completed by: Tim Hollen (Signature) 3/2/2007 09:14:00 (Date)

Reviewed by _____ Initials _____ Date _____

Carrier name Hand Del

| | | | |
|---|---|---|---|
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| Custody seals intact on shipping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| Chain of custody present? | Yes ☑ | No ☐ | |
| Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| Chain of custody agrees with sample labels? | Yes ☑ | No ☐ | |
| Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| All samples received within holding time? | Yes ☑ | No ☐ | |
| Container/Temp Blank temperature in compliance? | Yes ☑ | No ☐ | 3.6 °C |
| Water - VOA vials have zero headspace? | Yes ☐ | No ☐ | No VOA vials submitted ☑ |
| Water - pH acceptable upon receipt? | Yes ☐ | No ☑ | Not Applicable ☐ |

Adjusted? _____ Checked by _____

Contact and Corrective Action Comments:

RadioChem samples filtered and preserved in lab with 3mL HNO3.

Dissolved Metals splits made from the filtered and preserved RadioChem samples in the lab.

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

Date: 27-Mar-07

**CLIENT:** UR Energy USA Inc
**Project:** Lost Creek
**Sample Delivery Group:** C07030113

# CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package. A copy of the submittal(s) has been included and tracked in the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

PCB ANALYSIS USING EPA 505
Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-f - Energy Laboratories, Inc. - Idaho Falls, ID
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTFICATIONS:
USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some result requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the page number located in the lower right corner.

ENERGY LABORATORIES

# Chain of Custody and Analytical Request Record



**PLEASE PRINT**, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: Leppert Associates

Project Name, PWS #, Permit #, Etc.: Lost Creek. AOI-Q 32007 Robert W. Hoover

Report Mail Address: Leppert Associates Golden Co. 1422 Washington Ave 80401

Contact Name, Phone, Fax, E-mail: Deb Lemen DebLemen@Leppert Associates.com. 303-216-2428 Fax 303-216-1419

Sampler Name if other than Contact:

Invoice Address: Shawn Leppert 34060 Skyline Dr. Golden Co 80403

Invoice Contact & Phone #: Deb Lemen 303-216-2428

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Shipped by: Hand

Cooler ID(s)

Receipt Temp 3.6 °C

Custody Seal Y N
Intact Y N
Signature Match Y N

ANALYSIS REQUESTED

| | SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other) | 2 Liter plastic Non Pres. | 1 Liter plastic non Pres. | 500mL Plastic HNO3 | 500mL Plastic H2SO4 | | | | | | SEE ATTACHED | Normal Turnaround (TAT) | RUSH Turnaround (TAT) | Comments: | LABORATORY USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LC15m | 3/1/07 | 1351 | H2O | x | x | x | x | | | | | | | | | special note: all 2 Liter plastics are non Pres. + non Filtered this is to be done By Lab. | Cooler ID's |
| 2 | LC29m | 3/1/07 | 1405 | H2O | x | x | x | x | | | | | | | | | | C-1126 |
| 3 | LC17m | 3/1/07 | 1436 | H2O | x | x | x | x | | | | | | | | | | C-1029 |
| 4 | LC16m | 3/1/07 | 1458 | H2O | x | x | x | x | | | | | | | | | | C-1125 |
| 5 | LC26m | 3/1/07 | 1529 | H2O | x | x | x | x | | | | | | | | | | C-1322 |
| 6 | LC27m | 3/1/07 | 1601 | H2O | x | x | x | x | | | | | | | | | | |
| 7 | Field Blank | 3/1/07 | 1610 | H2O | x | x | x | x | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | C0703013 |
| 10 | | | | | | | | | | | | | | | | | | |

**Custody Record MUST be Signed**

| Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
|---|---|---|---|---|---|
| Robert W. Hoover | 3/2/07 0914 | [signature] | Tim Hollen | 3/2/07 0914 | [signature] |
| | | | | | |

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

Visit our web site at *www.energylab.com* for additional information, downloadable fee schedule, forms, & links.

ENERGY LABORATORIES

# Chain of Custody and Analytical Request Record



**PLEASE PRINT**, provide as much information as possible. Refer to corresponding notes on reverse side.

Company Name: Leppert Associates.

Project Name, PWS #, Permit #, Etc.: Lost creek. AOI-Q32007 Robert W. Hoover

Report Mail Address: Leppert Associates. 1422 washington Ave. Golden Co. 80401

Contact Name, Phone, Fax, E-mail: Deb Lemen. DebLemen@Leppert Associates.com. 303-216-2428 Fax 303-216-1419

Sampler Name if other than Contact:

Invoice Address: Shawn Leppert 34060 Skyline Dri Golden Co. 80401

Invoice Contact & Phone #: Deb Lemen 303-216-2428

Purchase Order #:

ELI Quote #:

Report Required For: POTW/WWTP ☐ DW ☐ Other _____

Special Report Formats - ELI must be notified prior to sample submittal for the following:

NELAC ☐ A2LA ☐ Level IV ☐

Other _____

EDD/EDT ☐ Format _____

ANALYSIS REQUESTED

Notify ELI prior to RUSH sample submittal for additional charges and scheduling

Comments: Special note: all 2 liter samples are not pres, or Filtered this to be Done By Lab.

Shipped by: Hand

Cooler ID(s)

Receipt Temp 3.6 °C

Custody Seal Y N

Intact Y N

Signature Y N

Match

| | SAMPLE IDENTIFICATION (Name, Location, Interval, etc.) | Collection Date | Collection Time | MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other) | 2 liter non pres. Plastic | 1 liter plastic non pres | 500mL plastic HNO3 | 500mL Plastic H2SO4 | | | | | | SEE ATTACHED | Normal Turnaround (TAT) | RUSH Turnaround (TAT) | LABORATORY USE ONLY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LC18m | 3/1/07 | 0800 | H2O | X | X | X | X | | | | | | | | | cooler 20 |
| 2 | LC20m | 3/1/07 | 0858 | H2O | X | X | X | X | | | | | | | | | C-1126 |
| 3 | LC30m | 3/1/07 | 1003 | H2O | X | X | X | X | | | | | | | | | C-1029 |
| 4 | LC22m | 3/1/07 | 1041 | H2O | X | X | X | X | | | | | | | | | C-1125 |
| 5 | LC21m | 2/28/07 | 2306 | H2O | X | X | X | X | | | | | | | | | C-1322 |
| 6 | LC23m | 3/1/07 | 1106 | H2O | X | X | X | X | | | | | | | | | |
| 7 | LC1 | 3/1/07 | 1206 | H2O | X | X | X | X | | | | | | | | | |
| 8 | LC2 | 3/1/07 | 1210 | H2O | X | X | X | X | | | | | | | | | |
| 9 | LC25 | 3/1/07 | 1300 | H2O | X | X | X | X | | | | | | | | | C0703011 3 |
| 10 | LC24m | 3/1/07 | 1326 | H2O | X | X | X | X | | | | | | | | | |

**Custody Record MUST be Signed**

| Relinquished by (print): | Date/Time: | Signature: | Received by (print): | Date/Time: | Signature: |
|---|---|---|---|---|---|
| Robert W. Hoover | 3/2/07 0914 | [signature] | Tim Holler | 3/2/07 0914 | [signature] |
| | | | | | |

Sample Disposal: Return to client: _____ Lab Disposal: _____

LABORATORY USE ONLY

Sample Type: _____ # of fractions _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.

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