

April 19, 2013

## Report to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

## Bill to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

cc: Mike Thompson

## Project ID:

ACZ Project ID: L11379

Torii Goar:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on April 02, 2013. This project has been assigned to ACZ's project number, L11379. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L11379. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

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

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

All samples and sub-samples associated with this project will be disposed of after May 19, 2013. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

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



Tony Antalek has reviewed and  
approved this report.



**Wildcat Mining Corporation**

Project ID:

Sample ID: SWA-040113

ACZ Sample ID: **L11379-01**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 04/09/13 17:37 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/04/13 16:43 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/03/13 17:44 | las     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    | *  | mg/L  | 0.03    | 0.2    | 04/05/13 21:18 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/09/13 18:25 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0002  | 0.001  | 04/09/13 18:25 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0002  | 0.001  | 04/04/13 22:01 | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.063  |      |    | mg/L  | 0.003   | 0.02   | 04/08/13 14:33 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/09/13 18:25 | msh     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/09/13 12:16 | jjc     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:25 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 29.0   |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:33 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:33 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:33 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 04/08/13 14:33 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    | *  | mg/L  | 0.02    | 0.05   | 04/05/13 21:18 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:25 | msh     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 2:07  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.6    |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:33 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/08/13 14:33 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:12  | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/08/13 14:33 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:33 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0003 |      |    | mg/L  | 0.0001  | 0.0003 | 04/09/13 18:25 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 04/08/13 14:33 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:25 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:25 | msh     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:33 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWA-040113

ACZ Sample ID: **L11379-01**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 54     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Total Alkalinity                        |                                                                    | 54     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Cyanide, Free                           | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:23 | jlf     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 18:10 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 87     |      |    | mg/L  | 1    | 7    | 04/18/13 14:51 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 04/02/13 19:09 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:14 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.22   |      |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:51 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.22   |      |    | mg/L  | 0.02 | 0.1  | 04/02/13 21:07 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:16 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 04/08/13 17:32 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| pH measured at                          |                                                                    | 21.0   |      |    | C     | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 110    |      |    | mg/L  | 10   | 20   | 04/05/13 16:18 | khw     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 04/05/13 18:54 | khw     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 38     |      | *  | mg/L  | 1    | 5    | 04/09/13 16:41 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWB-040113

ACZ Sample ID: **L11379-02**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 04/09/13 17:50 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/04/13 16:55 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/03/13 17:56 | las     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    | *  | mg/L  | 0.03    | 0.2    | 04/05/13 21:21 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/09/13 18:28 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0002  | 0.001  | 04/09/13 18:28 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0002  | 0.001  | 04/04/13 22:04 | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.066  |      |    | mg/L  | 0.003   | 0.02   | 04/08/13 14:36 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/09/13 18:28 | msh     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/09/13 12:19 | jjc     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:28 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 30.1   |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:36 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:36 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:36 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 04/08/13 14:36 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    | *  | mg/L  | 0.02    | 0.05   | 04/05/13 21:21 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:28 | msh     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 2:11  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.8    |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:36 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/08/13 14:36 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:14  | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/08/13 14:36 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:36 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0003 | 04/09/13 18:28 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 04/08/13 14:36 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:28 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:28 | msh     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:36 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWB-040113

ACZ Sample ID: **L11379-02**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 56     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Total Alkalinity                        |                                                                    | 56     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Cyanide, Free                           | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:35 | jlf     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 18:18 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 91     |      |    | mg/L  | 1    | 7    | 04/18/13 14:51 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 04/02/13 19:13 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:17 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.25   |      |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:51 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.25   |      |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:19 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:19 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         | 0.05   | B    | *  | mg/L  | 0.05 | 0.5  | 04/08/13 17:33 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| pH measured at                          |                                                                    | 22.0   |      |    | C     | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 110    |      |    | mg/L  | 10   | 20   | 04/05/13 16:20 | khw     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 04/05/13 18:55 | khw     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 36     |      | *  | mg/L  | 2    | 10   | 04/09/13 17:00 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWC-040113

ACZ Sample ID: **L11379-03**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      | *  |       |     |     | 04/09/13 18:02 | las     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/03/13 18:08 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/04/13 17:07 | jjc     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    | *  | mg/L  | 0.03    | 0.2    | 04/05/13 21:24 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0004  | 0.002  | 04/09/13 18:32 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0012 |      |    | mg/L  | 0.0002  | 0.001  | 04/09/13 18:32 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0011 |      |    | mg/L  | 0.0002  | 0.001  | 04/04/13 22:14 | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.069  |      |    | mg/L  | 0.003   | 0.02   | 04/08/13 14:45 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/09/13 18:32 | msh     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/09/13 12:28 | jjc     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:32 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 35.6   |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:45 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:45 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:45 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 04/08/13 14:45 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    | *  | mg/L  | 0.02    | 0.05   | 04/05/13 21:24 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:32 | msh     |
| Lead, total                 | M200.8 ICP-MS | 0.0006 | B    |    | mg/L  | 0.0002  | 0.001  | 04/11/13 2:14  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 11.2   |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:45 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/08/13 14:45 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:21  | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/08/13 14:45 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:45 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0006 |      |    | mg/L  | 0.0001  | 0.0003 | 04/09/13 18:32 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 04/08/13 14:45 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:32 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0009 |      |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:32 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:45 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWC-040113

ACZ Sample ID: **L11379-03**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 107    |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    | 3      | B    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Total Alkalinity                        |                                                                    | 110    |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Cyanide, Free                           | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:38 | jlf     |
| Fluoride                                | SM4500F-C                                                          |        | U    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 18:24 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 135    |      |    | mg/L  | 1    | 7    | 04/18/13 14:51 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 04/02/13 19:16 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:20 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.18   |      |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:51 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.18   |      |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:21 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:21 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 04/08/13 17:35 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.4    | H    |    | units | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| pH measured at                          |                                                                    | 22.0   |      |    | C     | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 150    |      |    | mg/L  | 10   | 20   | 04/05/13 16:21 | khw     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 04/05/13 18:57 | khw     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 30     |      | *  | mg/L  | 1    | 5    | 04/09/13 16:41 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SWD-040113

ACZ Sample ID: **L11379-04**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

**Inorganic Prep**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 04/09/13 18:15 | las     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/03/13 18:44 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/04/13 17:19 | jjc     |

**Metals Analysis**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    | 0.05   | B    | *  | mg/L  | 0.03    | 0.2    | 04/05/13 21:27 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/09/13 18:35 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0004 | B    |    | mg/L  | 0.0002  | 0.001  | 04/09/13 18:35 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0006 | B    |    | mg/L  | 0.0002  | 0.001  | 04/04/13 22:24 | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.065  |      |    | mg/L  | 0.003   | 0.02   | 04/08/13 14:48 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/09/13 18:35 | msh     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/09/13 12:31 | jjc     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:35 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 29.4   |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:48 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:48 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:48 | aeb     |
| Iron, dissolved             | M200.7 ICP    | 0.06   |      |    | mg/L  | 0.02    | 0.05   | 04/08/13 14:48 | aeb     |
| Iron, total recoverable     | M200.7 ICP    | 0.05   | B    | *  | mg/L  | 0.02    | 0.05   | 04/05/13 21:27 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS | 0.0001 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:35 | msh     |
| Lead, total                 | M200.8 ICP-MS | 0.0004 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 2:17  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.8    |      |    | mg/L  | 0.2     | 1      | 04/08/13 14:48 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/08/13 14:48 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:23  | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/08/13 14:48 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:48 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0003 |      |    | mg/L  | 0.0001  | 0.0003 | 04/09/13 18:35 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 04/08/13 14:48 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:35 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/09/13 18:35 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 04/08/13 14:48 | aeb     |



**Wildcat Mining Corporation**

Project ID:

Sample ID: SWD-040113

ACZ Sample ID: **L11379-04**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 55     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Total Alkalinity                        |                                                                    | 55     |      |    | mg/L  | 2    | 20   | 04/05/13 0:00  | ljr     |
| Cyanide, Free                           | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:42 | jlf     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    |    | mg/L  | 0.1  | 0.5  | 04/10/13 17:06 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 89     |      |    | mg/L  | 1    | 7    | 04/18/13 14:52 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 04/02/13 19:20 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:24 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.09   | B    |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:52 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.09   | B    |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:25 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:25 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 04/08/13 17:36 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| pH measured at                          |                                                                    | 22.0   |      |    | C     | 0.1  | 0.1  | 04/05/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 110    |      |    | mg/L  | 10   | 20   | 04/05/13 16:22 | khw     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 04/05/13 19:03 | khw     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 37     |      | *  | mg/L  | 1    | 5    | 04/09/13 16:41 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: GWA-040113

ACZ Sample ID: **L11379-05**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

## Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/05/13 11:45 | aeb     |
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/16/13 11:56 | las     |

## Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 04/06/13 4:56  | aeb     |
| Antimony, total   | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0004  | 0.002  | 04/11/13 20:22 | msh     |
| Arsenic, total    | M200.8 ICP-MS | 0.0016 |      |    | mg/L  | 0.0002  | 0.001  | 04/11/13 20:22 | msh     |
| Barium, total     | M200.7 ICP    | 0.072  |      |    | mg/L  | 0.003   | 0.02   | 04/06/13 4:56  | aeb     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/11/13 20:22 | msh     |
| Boron, total      | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:22 | msh     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |
| Iron, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 04/06/13 4:56  | aeb     |
| Lead, total       | M200.8 ICP-MS | 0.0006 |      |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:22 | msh     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 4:56  | aeb     |
| Manganese, total  | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/06/13 4:56  | aeb     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:30  | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 4:56  | aeb     |
| Nickel, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |
| Selenium, total   | M200.8 ICP-MS | 0.0005 |      |    | mg/L  | 0.0001  | 0.0003 | 04/17/13 1:00  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 04/06/13 4:56  | aeb     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:22 | msh     |
| Uranium, total    | M200.8 ICP-MS | 0.0008 |      |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:22 | msh     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/06/13 4:56  | aeb     |
| Zinc, total       | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:56  | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: GWA-040113

ACZ Sample ID: **L11379-05**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

## Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04/-09                         |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:46 | jlf     |
| Fluoride                            | SM4500F-C                            |        | U    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 18:30 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 04/02/13 15:27 | abm     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        | 0.17   |      |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:52 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | 0.17   |      |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:26 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:26 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.4    | H    |    | units | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| pH measured at                      |                                      | 22.0   |      |    | C     | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 140    |      |    | mg/L  | 10   | 20   | 04/05/13 16:24 | khw     |
| Sulfate                             | D516-02 - Turbidimetric              | 35     |      | *  | mg/L  | 1    | 5    | 04/09/13 14:43 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID:       GWB-040113

ACZ Sample ID: **L11379-06**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

## Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/09/13 16:21 | las     |
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/05/13 11:57 | aeb     |

## Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 04/06/13 4:59  | aeb     |
| Antimony, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/11/13 20:25 | msh     |
| Arsenic, total    | M200.8 ICP-MS | 0.0011 |      |    | mg/L  | 0.0002  | 0.001  | 04/11/13 20:25 | msh     |
| Barium, total     | M200.7 ICP    | 0.018  | B    |    | mg/L  | 0.003   | 0.02   | 04/06/13 4:59  | aeb     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/11/13 20:25 | msh     |
| Boron, total      | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:25 | msh     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |
| Iron, total       | M200.7 ICP    | 0.05   | B    |    | mg/L  | 0.02    | 0.05   | 04/06/13 4:59  | aeb     |
| Lead, total       | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:25 | msh     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 4:59  | aeb     |
| Manganese, total  | M200.7 ICP    | 0.504  |      |    | mg/L  | 0.005   | 0.03   | 04/06/13 4:59  | aeb     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:32  | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 4:59  | aeb     |
| Nickel, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |
| Selenium, total   | M200.8 ICP-MS |        | U    | *  | mg/L  | 0.0001  | 0.0003 | 04/11/13 20:25 | msh     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 04/06/13 4:59  | aeb     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:25 | msh     |
| Uranium, total    | M200.8 ICP-MS | 0.0008 |      |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:25 | msh     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/06/13 4:59  | aeb     |
| Zinc, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 4:59  | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID:       GWB-040113

ACZ Sample ID: **L11379-06**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: *Ground Water*

## Wet Chemistry

| Parameter                           | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 14:50 | jlf     |
| Fluoride                            | SM4500F-C                                                          | 0.3    | B    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 18:47 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:30 | abm     |
| Nitrate as N, dissolved             | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.03   | B    |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:52 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction                               | 0.03   | B    |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:27 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:27 | pjb     |
| pH (lab)                            | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                  |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| pH measured at                      |                                                                    | 22.0   |      |    | C     | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C     | SM2540C                                                            | 630    |      |    | mg/L  | 10   | 20   | 04/05/13 16:25 | khw     |
| Sulfate                             | D516-02 - Turbidimetric                                            | 210    |      | *  | mg/L  | 10   | 50   | 04/09/13 15:13 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: GWC-040113

ACZ Sample ID: **L11379-07**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/09/13 16:33 | las     |
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/05/13 12:32 | aeb     |

Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 04/06/13 5:15  | aeb     |
| Antimony, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/11/13 20:28 | msh     |
| Arsenic, total    | M200.8 ICP-MS | 0.0016 |      |    | mg/L  | 0.0002  | 0.001  | 04/11/13 20:28 | msh     |
| Barium, total     | M200.7 ICP    | 0.060  |      |    | mg/L  | 0.003   | 0.02   | 04/06/13 5:15  | aeb     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/11/13 20:28 | msh     |
| Boron, total      | M200.7 ICP    | 0.07   |      |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:28 | msh     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |
| Iron, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 04/06/13 5:15  | aeb     |
| Lead, total       | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:28 | msh     |
| Lithium, total    | M200.7 ICP    | 0.11   |      |    | mg/L  | 0.02    | 0.1    | 04/06/13 5:15  | aeb     |
| Manganese, total  | M200.7 ICP    | 0.059  |      |    | mg/L  | 0.005   | 0.03   | 04/06/13 5:15  | aeb     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:34  | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 5:15  | aeb     |
| Nickel, total     | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |
| Selenium, total   | M200.8 ICP-MS |        | U    | *  | mg/L  | 0.0001  | 0.0003 | 04/11/13 20:28 | msh     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 04/06/13 5:15  | aeb     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:28 | msh     |
| Uranium, total    | M200.8 ICP-MS | 0.0023 |      |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:28 | msh     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/06/13 5:15  | aeb     |
| Zinc, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:15  | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: GWC-040113

ACZ Sample ID: **L11379-07**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

## Wet Chemistry

| Parameter                           | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04/-09                                                       |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 15:02 | jlf     |
| Fluoride                            | SM4500F-C                                                          | 0.8    |      | *  | mg/L  | 0.1  | 0.5  | 04/05/13 19:01 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                                                           |        |      |    |       |      |      | 04/02/13 15:33 | abm     |
| Nitrate as N, dissolved             | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.02   | B    |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:52 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction                               | 0.02   | B    |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:28 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:28 | pjb     |
| pH (lab)                            | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                  |                                                                    | 8.2    | H    |    | units | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| pH measured at                      |                                                                    | 21.0   |      |    | C     | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C     | SM2540C                                                            | 390    |      |    | mg/L  | 10   | 20   | 04/05/13 16:26 | khw     |
| Sulfate                             | D516-02 - Turbidimetric                                            | 49     |      | *  | mg/L  | 5    | 30   | 04/09/13 14:52 | bsu     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: GWD-040113

ACZ Sample ID: **L11379-08**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 04/05/13 12:43 | aeb     |
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 04/16/13 12:08 | las     |

Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    | 0.10   | B    |    | mg/L  | 0.03    | 0.2    | 04/06/13 5:18  | aeb     |
| Antimony, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 04/11/13 20:32 | msh     |
| Arsenic, total    | M200.8 ICP-MS | 0.0008 | B    |    | mg/L  | 0.0002  | 0.001  | 04/11/13 20:32 | msh     |
| Barium, total     | M200.7 ICP    | 0.071  |      |    | mg/L  | 0.003   | 0.02   | 04/06/13 5:18  | aeb     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 04/11/13 20:32 | msh     |
| Boron, total      | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:32 | msh     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |
| Iron, total       | M200.7 ICP    | 0.41   |      |    | mg/L  | 0.02    | 0.05   | 04/06/13 5:18  | aeb     |
| Lead, total       | M200.8 ICP-MS | 0.0004 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:32 | msh     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 5:18  | aeb     |
| Manganese, total  | M200.7 ICP    | 0.042  |      |    | mg/L  | 0.005   | 0.03   | 04/06/13 5:18  | aeb     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 04/05/13 9:37  | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 04/06/13 5:18  | aeb     |
| Nickel, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |
| Selenium, total   | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0003 | 04/17/13 1:03  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 04/06/13 5:18  | aeb     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:32 | msh     |
| Uranium, total    | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 04/11/13 20:32 | msh     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 04/06/13 5:18  | aeb     |
| Zinc, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 04/06/13 5:18  | aeb     |



**Wildcat Mining Corporation**

Project ID:

Sample ID: GWD-040113

ACZ Sample ID: **L11379-08**

Date Sampled: 04/01/13 00:00

Date Received: 04/02/13

Sample Matrix: Ground Water

## Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04/-09                         |        | U    | *  | mg/L  | 0.01 | 0.02 | 04/04/13 15:06 | jlf     |
| Fluoride                            | SM4500F-C                            | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 04/05/13 19:08 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 04/02/13 15:36 | abm     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        | 0.17   |      |    | mg/L  | 0.02 | 0.1  | 04/18/13 14:52 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | 0.17   |      |    | mg/L  | 0.02 | 0.1  | 04/02/13 19:29 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 04/02/13 19:29 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.1    | H    |    | units | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| pH measured at                      |                                      | 21.0   |      |    | C     | 0.1  | 0.1  | 04/06/13 0:00  | ljr     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 120    |      |    | mg/L  | 10   | 20   | 04/05/13 16:28 | khw     |
| Sulfate                             | D516-02 - Turbidimetric              | 38     |      | *  | mg/L  | 1    | 5    | 04/09/13 14:43 | bsu     |


**Report Header Explanations**

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

**QC Sample Types**

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

**QC Sample Type Explanations**

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

**ACZ Qualifiers (Qual)**

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

**Method References**

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

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

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

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

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Alkalinity as CaCO3**

SM2320B - Titration

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG341623</b> |      |                |            |     |        |       |       |      |       |       |     |       |      |
| WG341623PBW1    | PBW  | 04/05/13 15:33 |            |     |        | 4.4   | mg/L  |      | -20   | 20    |     |       |      |
| WG341623LCSW2   | LCSW | 04/05/13 15:47 | WC130328-1 | 820 |        | 776.1 | mg/L  | 94.6 | 90    | 110   |     |       |      |
| WG341623LCSW5   | LCSW | 04/05/13 19:26 | WC130328-1 | 820 |        | 789   | mg/L  | 96.2 | 90    | 110   |     |       |      |
| WG341623PBW2    | PBW  | 04/05/13 19:35 |            |     |        | 3.6   | mg/L  |      | -20   | 20    |     |       |      |
| WG341623LCSW8   | LCSW | 04/05/13 23:07 | WC130328-1 | 820 |        | 768   | mg/L  | 93.7 | 90    | 110   |     |       |      |
| WG341623PBW3    | PBW  | 04/05/13 23:16 |            |     |        | 2.9   | mg/L  |      | -20   | 20    |     |       |      |
| L11380-01DUP    | DUP  | 04/06/13 0:37  |            |     | 452    | 468.6 | mg/L  |      |       |       | 3.6 | 20    |      |
| WG341623LCSW11  | LCSW | 04/06/13 2:22  | WC130328-1 | 820 |        | 787.9 | mg/L  | 96.1 | 90    | 110   |     |       |      |
| WG341623PBW4    | PBW  | 04/06/13 2:31  |            |     |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG341623LCSW14  | LCSW | 04/06/13 5:55  | WC130328-1 | 820 |        | 776.1 | mg/L  | 94.6 | 90    | 110   |     |       |      |

**Aluminum, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |       |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 2.043 | mg/L  | 102.2 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |       | -0.09  | 0.09  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |       | -0.066 | 0.066 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | 1  |        | 1.021 | mg/L  | 102.1 | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | 1  | U      | 1.066 | mg/L  | 106.6 | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | 1  | U      | 1.058 | mg/L  | 105.8 | 70     | 130   | 0.75 | 20    |      |

**Aluminum, total recoverable**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341626</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG341626ICV     | ICV  | 04/05/13 19:39 | II130114-3 | 2  |        | 2.054 | mg/L  | 102.7 | 95     | 105   |      |       |      |
| WG341626ICB     | ICB  | 04/05/13 19:45 |            |    |        | U     | mg/L  |       | -0.09  | 0.09  |      |       |      |
| WG341553LRB     | LRB  | 04/05/13 19:57 |            |    |        | U     | mg/L  |       | -0.066 | 0.066 |      |       |      |
| WG341553LFB     | LFB  | 04/05/13 20:01 | II130326-2 | 1  |        | 1.007 | mg/L  | 100.7 | 85     | 115   |      |       |      |
| L11360-03LFM    | LFM  | 04/05/13 20:50 | II130326-2 | 1  | 9.85   | 16.01 | mg/L  | 616   | 70     | 130   |      |       | M3   |
| L11360-03LFMD   | LFMD | 04/05/13 20:53 | II130326-2 | 1  | 9.85   | 16.03 | mg/L  | 618   | 70     | 130   | 0.12 | 20    | M3   |

**Antimony, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |     |        |        |       |       |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .02 |        | .02002 | mg/L  | 100.1 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |     |        | U      | mg/L  |       | -0.0012 | 0.0012 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .01 |        | .00953 | mg/L  | 95.3  | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .01 | U      | .00886 | mg/L  | 88.6  | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .01 | U      | .00909 | mg/L  | 90.9  | 70      | 130    | 2.56 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Antimony, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |     |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .02 |        | .02103 | mg/L  | 105.2 | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |     |        | U      | mg/L  |       | -0.0012  | 0.0012  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |     |        | U      | mg/L  |       | -0.00088 | 0.00088 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .01 |        | .00905 | mg/L  | 90.5  | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .01 | .0005  | .01069 | mg/L  | 101.9 | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .01 | .0005  | .01079 | mg/L  | 102.9 | 70       | 130     | 0.93 | 20    |      |

**Arsenic, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |        |        |        |       |       |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05    |        | .05273 | mg/L  | 105.5 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |        |        | U      | mg/L  |       | -0.0006 | 0.0006 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .05005 |        | .04643 | mg/L  | 92.8  | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .05005 | U      | .05427 | mg/L  | 108.4 | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .05005 | U      | .05636 | mg/L  | 112.6 | 70      | 130    | 3.78 | 20    |      |

**Arsenic, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |        |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05    |        | .05132 | mg/L  | 102.6 | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |        |        | U      | mg/L  |       | -0.0006  | 0.0006  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |        |        | U      | mg/L  |       | -0.00044 | 0.00044 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .05005 |        | .05699 | mg/L  | 113.9 | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .05005 | .0015  | .04908 | mg/L  | 95.1  | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .05005 | .0015  | .05149 | mg/L  | 99.9  | 70       | 130     | 4.79 | 20    |      |

**Arsenic, total recoverable**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341586</b> |      |                |            |        |        |        |       |       |          |         |      |       |      |
| WG341586ICV     | ICV  | 04/04/13 20:53 | MS130402-2 | .05    |        | .05294 | mg/L  | 105.9 | 90       | 110     |      |       |      |
| WG341586ICB     | ICB  | 04/04/13 20:56 |            |        |        | U      | mg/L  |       | -0.0006  | 0.0006  |      |       |      |
| WG341500LRB     | LRB  | 04/04/13 20:59 |            |        |        | U      | mg/L  |       | -0.00044 | 0.00044 |      |       |      |
| WG341500LFB     | LFB  | 04/04/13 21:02 | MS130329-1 | .05005 |        | .04906 | mg/L  | 98    | 85       | 115     |      |       |      |
| L11379-03LFM    | LFM  | 04/04/13 22:18 | MS130329-1 | .05005 | .0011  | .04965 | mg/L  | 97    | 70       | 130     |      |       |      |
| L11379-03LFMD   | LFMD | 04/04/13 22:21 | MS130329-1 | .05005 | .0011  | .05034 | mg/L  | 98.4  | 70       | 130     | 1.38 | 20    |      |

**Barium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|-------|--------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |        |       |       |        |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.9715 | mg/L  | 98.6  | 95     | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U      | mg/L  |       | -0.009 | 0.009 |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .5011  | mg/L  | 100.2 | 85     | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | .092   | .5891  | mg/L  | 99.4  | 85     | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | .092   | .5914  | mg/L  | 99.9  | 85     | 115   | 0.39 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Barium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|--------|-------|------|---------|--------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |        |       |      |         |        |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.9638 | mg/L  | 98.2 | 95      | 105    |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U      | mg/L  |      | -0.009  | 0.009  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U      | mg/L  |      | -0.0066 | 0.0066 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .4798  | mg/L  | 96   | 85      | 115    |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | .018   | .507   | mg/L  | 97.8 | 70      | 130    |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | .018   | .5058  | mg/L  | 97.6 | 70      | 130    | 0.24 | 20    |      |

**Beryllium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG341786</b> |      |                |            |       |        |        |       |      |          |         |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05   |        | .04489 | mg/L  | 89.8 | 90       | 110     |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |       |        | U      | mg/L  |      | -0.00015 | 0.00015 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .0501 |        | .04259 | mg/L  | 85   | 85       | 115     |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .0501 | U      | .04329 | mg/L  | 86.4 | 70       | 130     |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .0501 | U      | .04296 | mg/L  | 85.7 | 70       | 130     | 0.77 | 20    |      |

**Beryllium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |       |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05   |        | .04517 | mg/L  | 90.3  | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |       |        | U      | mg/L  |       | -0.00015 | 0.00015 |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |       |        | U      | mg/L  |       | -0.00011 | 0.00011 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .0501 |        | .05091 | mg/L  | 101.6 | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .0501 | U      | .04516 | mg/L  | 90.1  | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .0501 | U      | .04617 | mg/L  | 92.2  | 70       | 130     | 2.21 | 20    |      |

**Boron, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341756</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG341756ICV     | ICV  | 04/09/13 11:35 | II130114-3 | 2     |        | 2.008 | mg/L  | 100.4 | 95    | 105   |     |       |      |
| WG341756ICB     | ICB  | 04/09/13 11:39 |            |       |        | U     | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG341756LFB     | LFB  | 04/09/13 11:51 | II130326-2 | .5005 |        | .515  | mg/L  | 102.9 | 85    | 115   |     |       |      |
| L11366-01AS     | AS   | 04/09/13 12:10 | II130326-2 | .5005 | 1.25   | 1.707 | mg/L  | 91.3  | 85    | 115   |     |       |      |
| L11366-01ASD    | ASD  | 04/09/13 12:13 | II130326-2 | .5005 | 1.25   | 1.719 | mg/L  | 93.7  | 85    | 115   | 0.7 | 20    |      |

**Boron, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |       |        |       |       |       |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2     |        | 2.014 | mg/L  | 100.7 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5005 |        | .491  | mg/L  | 98.1  | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5005 | .01    | .502  | mg/L  | 98.3  | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5005 | .01    | .492  | mg/L  | 96.3  | 70     | 130   | 2.01 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Cadmium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|-----|-------|------|
| <b>WG341786</b> |      |                |            |       |        |        |       |       |         |        |     |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05   |        | .05005 | mg/L  | 100.1 | 90      | 110    |     |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |       |        | U      | mg/L  |       | -0.0003 | 0.0003 |     |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .0501 |        | .04659 | mg/L  | 93    | 85      | 115    |     |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .0501 | U      | .04451 | mg/L  | 88.8  | 70      | 130    |     |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .0501 | U      | .04429 | mg/L  | 88.4  | 70      | 130    | 0.5 | 20    |      |

**Cadmium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |       |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05   |        | .05067 | mg/L  | 101.3 | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |       |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |       |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .0501 |        | .05424 | mg/L  | 108.3 | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .0501 | .0002  | .0463  | mg/L  | 92    | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .0501 | .0002  | .04665 | mg/L  | 92.7  | 70       | 130     | 0.75 | 20    |      |

**Calcium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |          |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 100      |        | 97.41 | mg/L  | 97.4  | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |          |        | U     | mg/L  |       | -0.6  | 0.6   |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | 67.95918 |        | 70.26 | mg/L  | 103.4 | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | 67.95918 | 125    | 189.4 | mg/L  | 94.8  | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | 67.95918 | 125    | 189.5 | mg/L  | 94.9  | 85    | 115   | 0.05 | 20    |      |

**Chromium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |     |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.964 | mg/L  | 98.2  | 95    | 105   |     |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .503  | mg/L  | 100.6 | 85    | 115   |     |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | U      | .505  | mg/L  | 101   | 85    | 115   |     |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | U      | .501  | mg/L  | 100.2 | 85    | 115   | 0.8 | 20    |      |

**Chromium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |      |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.962 | mg/L  | 98.1 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .49   | mg/L  | 98   | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .485  | mg/L  | 97   | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .495  | mg/L  | 99   | 70     | 130   | 2.04 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Cobalt, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |       |        |       |       |       |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2.002 |        | 2.017 | mg/L  | 100.7 | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5    |        | .494  | mg/L  | 98.8  | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5    | U      | .489  | mg/L  | 97.8  | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5    | U      | .49   | mg/L  | 98    | 70     | 130   | 0.2 | 20    |      |

**Copper, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.944 | mg/L  | 97.2  | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .499  | mg/L  | 99.8  | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | U      | .506  | mg/L  | 101.2 | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | U      | .509  | mg/L  | 101.8 | 85    | 115   | 0.59 | 20    |      |

**Copper, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |      |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.961 | mg/L  | 98.1 | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .495  | mg/L  | 99   | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .495  | mg/L  | 99   | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .497  | mg/L  | 99.4 | 70     | 130   | 0.4 | 20    |      |

**Cyanide, Free**

D6888-04/-09

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD   | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|-------|-------|------|
| <b>WG341565</b> |      |                |            |    |        |       |       |       |        |       |       |       |      |
| WG341565ICV     | ICV  | 04/04/13 13:40 | WI130404-5 | .3 |        | .2843 | mg/L  | 94.8  | 90     | 110   |       |       |      |
| WG341565ICB     | ICB  | 04/04/13 13:44 |            |    |        | U     | mg/L  |       | -0.005 | 0.005 |       |       |      |
| WG341565LFB     | LFB  | 04/04/13 13:52 | WI130404-4 | .1 |        | .1067 | mg/L  | 106.7 | 90     | 110   |       |       |      |
| L11264-16AS     | AS   | 04/04/13 13:59 | WI130404-4 | .2 | U      | .14   | mg/L  | 70    | 90     | 110   |       |       | M2   |
| L11264-16ASD    | ASD  | 04/04/13 14:03 | WI130404-4 | .2 | U      | .192  | mg/L  | 96    | 90     | 110   | 31.33 | 20    | R4   |
| L11379-06AS     | AS   | 04/04/13 14:54 | WI130404-4 | .2 | U      | .204  | mg/L  | 102   | 90     | 110   |       |       |      |
| L11379-06ASD    | ASD  | 04/04/13 14:58 | WI130404-4 | .2 | U      | .205  | mg/L  | 102.5 | 90     | 110   | 0.49  | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Fluoride**

SM4500F-C

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG341548</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG341548ICV     | ICV  | 04/05/13 12:23 | WC130403-1 | 2.002 |        | 1.96  | mg/L  | 97.9 | 95    | 105   |     |       |      |
| WG341548ICB     | ICB  | 04/05/13 12:29 |            |       |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| <b>WG341629</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG341629ICV     | ICV  | 04/05/13 14:43 | WC130403-1 | 2.002 |        | 1.92  | mg/L  | 95.9 | 95    | 105   |     |       |      |
| WG341629ICB     | ICB  | 04/05/13 14:48 |            |       |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| WG341629LFB1    | LFB  | 04/05/13 14:55 | WC130313-8 | 5.005 |        | 4.64  | mg/L  | 92.7 | 90    | 110   |     |       |      |
| WG341629LFB2    | LFB  | 04/05/13 17:15 | WC130313-8 | 5.005 |        | 4.51  | mg/L  | 90.1 | 90    | 110   |     |       |      |
| L11376-03AS     | AS   | 04/05/13 17:23 | WC130313-8 | 5.005 | U      | 4.58  | mg/L  | 91.5 | 90    | 110   |     |       |      |
| L11376-03DUP    | DUP  | 04/05/13 17:31 |            |       | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |
| L11379-06AS     | AS   | 04/05/13 18:50 | WC130313-8 | 5.005 | .3     | 4.76  | mg/L  | 89.1 | 90    | 110   |     |       | M2   |
| L11379-06DUP    | DUP  | 04/05/13 18:57 |            |       | .3     | .28   | mg/L  |      |       |       | 6.9 | 20    | RA   |
| <b>WG341835</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG341835ICV     | ICV  | 04/10/13 12:25 | WC130403-1 | 2.002 |        | 1.94  | mg/L  | 96.9 | 95    | 105   |     |       |      |
| WG341835ICB     | ICB  | 04/10/13 12:29 |            |       |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| <b>WG341836</b> |      |                |            |       |        |       |       |      |       |       |     |       |      |
| WG341836ICV     | ICV  | 04/10/13 15:35 | WC130403-1 | 2.002 |        | 1.92  | mg/L  | 95.9 | 95    | 105   |     |       |      |
| WG341836ICB     | ICB  | 04/10/13 15:42 |            |       |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| WG341836LFB1    | LFB  | 04/10/13 15:57 | WC130313-8 | 5.005 |        | 4.8   | mg/L  | 95.9 | 90    | 110   |     |       |      |
| L11323-01AS     | AS   | 04/10/13 16:08 | WC130313-8 | 5.005 | 1.3    | 5.95  | mg/L  | 92.9 | 90    | 110   |     |       |      |
| L11323-01DUP    | DUP  | 04/10/13 16:15 |            |       | 1.3    | 1.13  | mg/L  |      |       |       | 14  | 20    |      |
| WG341836LFB2    | LFB  | 04/10/13 18:30 | WC130313-8 | 5.005 |        | 4.89  | mg/L  | 97.7 | 90    | 110   |     |       |      |

**Iron, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.999 | mg/L  | 100   | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.06 | 0.06  |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | 1  |        | 1.023 | mg/L  | 102.3 | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | 1  | U      | 1.028 | mg/L  | 102.8 | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | 1  | U      | 1.037 | mg/L  | 103.7 | 85    | 115   | 0.87 | 20    |      |

**Iron, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |       |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 2.001 | mg/L  | 100.1 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | 1  |        | 1.031 | mg/L  | 103.1 | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | 1  | .05    | 1.087 | mg/L  | 103.7 | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | 1  | .05    | 1.068 | mg/L  | 101.8 | 70     | 130   | 1.76 | 20    |      |



Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Iron, total recoverable**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341626</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG341626ICV     | ICV  | 04/05/13 19:39 | II130114-3 | 2  |        | 2.008 | mg/L  | 100.4 | 95     | 105   |      |       |      |
| WG341626ICB     | ICB  | 04/05/13 19:45 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG341553LRB     | LRB  | 04/05/13 19:57 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |      |       |      |
| WG341553LFB     | LFB  | 04/05/13 20:01 | II130326-2 | 1  |        | .997  | mg/L  | 99.7  | 85     | 115   |      |       |      |
| L11360-03LFM    | LFM  | 04/05/13 20:50 | II130326-2 | 1  | 9.2    | 10.5  | mg/L  | 131   | 70     | 130   |      |       | M3   |
| L11360-03LFMD   | LFMD | 04/05/13 20:53 | II130326-2 | 1  | 9.2    | 10.46 | mg/L  | 127   | 70     | 130   | 0.38 | 20    |      |

**Lead, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec  | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |        |        |        |       |      |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05    |        | .04972 | mg/L  | 99.4 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |        |        | U      | mg/L  |      | -0.0003 | 0.0003 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .05005 |        | .04591 | mg/L  | 91.7 | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .05005 | U      | .04796 | mg/L  | 95.8 | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .05005 | U      | .04798 | mg/L  | 95.9 | 70      | 130    | 0.04 | 20    |      |

**Lead, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341875</b> |      |                |            |        |        |        |       |       |          |         |      |       |      |
| WG341875ICV     | ICV  | 04/11/13 1:26  | MS130402-2 | .05    |        | .05074 | mg/L  | 101.5 | 90       | 110     |      |       |      |
| WG341875ICB     | ICB  | 04/11/13 1:29  |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG341762LRB     | LRB  | 04/11/13 1:33  |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG341762LFB     | LFB  | 04/11/13 1:36  | MS130329-1 | .05005 |        | .0493  | mg/L  | 98.5  | 85       | 115     |      |       |      |
| L11377-01LFM    | LFM  | 04/11/13 1:55  | MS130329-1 | .05005 | .0024  | .05096 | mg/L  | 97    | 70       | 130     |      |       |      |
| L11377-01LFMD   | LFMD | 04/11/13 1:58  | MS130329-1 | .05005 | .0024  | .05144 | mg/L  | 98    | 70       | 130     | 0.94 | 20    |      |
| <b>WG341863</b> |      |                |            |        |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05    |        | .04986 | mg/L  | 99.7  | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .05005 |        | .04579 | mg/L  | 91.5  | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .05005 | .0005  | .04749 | mg/L  | 93.9  | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .05005 | .0005  | .04738 | mg/L  | 93.7  | 70       | 130     | 0.23 | 20    |      |

**Lithium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |       |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.989 | mg/L  | 99.5  | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | 1  |        | .981  | mg/L  | 98.1  | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | 1  | U      | 1.015 | mg/L  | 101.5 | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | 1  | U      | 1.012 | mg/L  | 101.2 | 70     | 130   | 0.3 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Magnesium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found  | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341698</b> |      |                |            |          |        |        |       |       |       |       |     |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 100      |        | 100.19 | mg/L  | 100.2 | 95    | 105   |     |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |          |        | U      | mg/L  |       | -0.6  | 0.6   |     |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | 49.99941 |        | 51.23  | mg/L  | 102.5 | 85    | 115   |     |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | 49.99941 | 18.7   | 70.21  | mg/L  | 103   | 85    | 115   |     |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | 49.99941 | 18.7   | 70     | mg/L  | 102.6 | 85    | 115   | 0.3 | 20    |      |

**Manganese, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|-------|--------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |        |       |       |        |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.9312 | mg/L  | 96.6  | 95     | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U      | mg/L  |       | -0.015 | 0.015 |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .5059  | mg/L  | 101.2 | 85     | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | .18    | .6697  | mg/L  | 97.9  | 85     | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | .18    | .6723  | mg/L  | 98.5  | 85     | 115   | 0.39 | 20    |      |

**Manganese, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|--------|-------|------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |    |        |        |       |      |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.9322 | mg/L  | 96.6 | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U      | mg/L  |      | -0.015 | 0.015 |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U      | mg/L  |      | -0.011 | 0.011 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .4946  | mg/L  | 98.9 | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | .504   | .9862  | mg/L  | 96.4 | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | .504   | .9862  | mg/L  | 96.4 | 70     | 130   | 0   | 20    |      |

**Mercury, total**

M245.1 CVAA

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC      | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|---------|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG341578</b> |      |               |            |         |        |        |       |      |          |         |      |       |      |
| WG341578ICV     | ICV  | 04/05/13 8:59 | II130325-2 | .005025 |        | .00485 | mg/L  | 96.5 | 95       | 105     |      |       |      |
| WG341578ICB     | ICB  | 04/05/13 9:02 |            |         |        | U      | mg/L  |      | -0.0002  | 0.0002  |      |       |      |
| WG341578LRB     | LRB  | 04/05/13 9:04 |            |         |        | U      | mg/L  |      | -0.00044 | 0.00044 |      |       |      |
| WG341578LFB     | LFB  | 04/05/13 9:06 | II130320-2 | .002002 |        | .00193 | mg/L  | 96.4 | 85       | 115     |      |       |      |
| L11379-02LFM    | LFM  | 04/05/13 9:17 | II130320-2 | .002002 | U      | .0019  | mg/L  | 94.9 | 85       | 115     |      |       |      |
| L11379-02LFMD   | LFMD | 04/05/13 9:19 | II130320-2 | .002002 | U      | .00189 | mg/L  | 94.4 | 85       | 115     | 0.53 | 20    |      |

**Molybdenum, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.96  | mg/L  | 98    | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.06 | 0.06  |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .53   | mg/L  | 106   | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | U      | .501  | mg/L  | 100.2 | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | U      | .508  | mg/L  | 101.6 | 85    | 115   | 1.39 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Molybdenum, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |       |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 2.004 | mg/L  | 100.2 | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .5    | mg/L  | 100   | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .5    | mg/L  | 100   | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .499  | mg/L  | 99.8  | 70     | 130   | 0.2 | 20    |      |

**Nickel, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.958 | mg/L  | 97.9  | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .497  | mg/L  | 99.4  | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | U      | .481  | mg/L  | 96.2  | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | U      | .501  | mg/L  | 100.2 | 85    | 115   | 4.07 | 20    |      |

**Nickel, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |      |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.975 | mg/L  | 98.8 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .484  | mg/L  | 96.8 | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .475  | mg/L  | 95   | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .477  | mg/L  | 95.4 | 70     | 130   | 0.42 | 20    |      |

**Nitrate/Nitrite as N, dissolved**

M353.2 - Automated Cadmium Reduction

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341465</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG341465ICV     | ICV  | 04/02/13 18:54 | WI130110-1 | 2.416 |        | 2.503 | mg/L  | 103.6 | 90    | 110   |     |       |      |
| WG341465ICB     | ICB  | 04/02/13 18:55 |            |       |        | U     | mg/L  |       | -0.06 | 0.06  |     |       |      |
| WG341465LFB     | LFB  | 04/02/13 18:59 | WI130215-3 | 2     |        | 1.97  | mg/L  | 98.5  | 90    | 110   |     |       |      |
| L11379-02DUP    | DUP  | 04/02/13 19:20 |            |       | .25    | .237  | mg/L  |       |       |       | 5.3 | 20    |      |
| L11379-01AS     | AS   | 04/02/13 21:08 | WI130215-3 | 2     | .22    | 2.141 | mg/L  | 96.1  | 90    | 110   |     |       |      |

**Nitrite as N, dissolved**

M353.2 - Automated Cadmium Reduction

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341465</b> |      |                |            |      |        |       |       |       |       |       |     |       |      |
| WG341465ICV     | ICV  | 04/02/13 18:54 | WI130110-1 | .609 |        | .605  | mg/L  | 99.3  | 90    | 110   |     |       |      |
| WG341465ICB     | ICB  | 04/02/13 18:55 |            |      |        | U     | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG341465LFB     | LFB  | 04/02/13 18:59 | WI130215-3 | 1    |        | 1.011 | mg/L  | 101.1 | 90    | 110   |     |       |      |
| L11379-01AS     | AS   | 04/02/13 19:18 | WI130215-3 | 1    | U      | .997  | mg/L  | 99.7  | 90    | 110   |     |       |      |
| L11379-02DUP    | DUP  | 04/02/13 19:20 |            |      | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Nitrogen, ammonia**

M350.1 - Automated Phenate

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341704</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG341704ICV     | ICV  | 04/08/13 12:53 | WI121105-5 | 1.003 |        | 1.006 | mg/L  | 100.3 | 90    | 110   |     |       |      |
| WG341704ICB     | ICB  | 04/08/13 12:56 |            |       |        | U     | mg/L  |       | -0.15 | 0.15  |     |       |      |
| <b>WG341733</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG341733LFB1    | LFB  | 04/08/13 16:53 | WI121218-3 | 1     |        | 1.017 | mg/L  | 101.7 | 90    | 110   |     |       |      |
| WG341733LFB2    | LFB  | 04/08/13 17:25 | WI121218-3 | 1     |        | 1.016 | mg/L  | 101.6 | 90    | 110   |     |       |      |
| L11360-07AS     | AS   | 04/08/13 17:27 | WI121218-3 | 1     | U      | 1.047 | mg/L  | 104.7 | 90    | 110   |     |       |      |
| L11360-08DUP    | DUP  | 04/08/13 17:29 |            |       | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |

**pH (lab)**

SM4500H+ B

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG341623</b> |      |                |          |    |        |       |       |       |       |       |     |       |      |
| WG341623LCSW3   | LCSW | 04/05/13 15:50 | PCN40853 | 6  |        | 6     | units | 100   | 98    | 102   |     |       |      |
| WG341623LCSW6   | LCSW | 04/05/13 19:29 | PCN40853 | 6  |        | 6.01  | units | 100.2 | 98    | 102   |     |       |      |
| WG341623LCSW9   | LCSW | 04/05/13 23:10 | PCN40853 | 6  |        | 6     | units | 100   | 98    | 102   |     |       |      |
| L11380-01DUP    | DUP  | 04/06/13 0:37  |          |    | 8      | 7.93  | units |       |       |       | 0.9 | 20    |      |
| WG341623LCSW12  | LCSW | 04/06/13 2:26  | PCN40853 | 6  |        | 6     | units | 100   | 98    | 102   |     |       |      |
| WG341623LCSW15  | LCSW | 04/06/13 5:58  | PCN40853 | 6  |        | 6     | units | 100   | 98    | 102   |     |       |      |

**Residue, Filterable (TDS) @180C**

SM2540C

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG341635</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG341635PBW     | PBW  | 04/05/13 16:15 |          |     |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG341635LCSW    | LCSW | 04/05/13 16:16 | PCN40254 | 260 |        | 250   | mg/L  | 96.2 | 80    | 120   |     |       |      |
| L11429-02DUP    | DUP  | 04/05/13 16:30 |          |     | 1930   | 1924  | mg/L  |      |       |       | 0.3 | 20    |      |

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

SM2540D

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG341651</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG341651PBW     | PBW  | 04/05/13 18:15 |          |     |        | U     | mg/L  |      | -15   | 15    |     |       |      |
| WG341651LCSW    | LCSW | 04/05/13 18:16 | PCN40254 | 160 |        | 149   | mg/L  | 93.1 | 80    | 120   |     |       |      |
| L11379-03DUP    | DUP  | 04/05/13 18:59 |          |     | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |
| <b>WG341652</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG341652PBW     | PBW  | 04/05/13 19:00 |          |     |        | U     | mg/L  |      | -15   | 15    |     |       |      |
| WG341652LCSW    | LCSW | 04/05/13 19:01 | PCN40254 | 160 |        | 149   | mg/L  | 93.1 | 80    | 120   |     |       |      |
| L11410-03DUP    | DUP  | 04/05/13 19:23 |          |     | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |

**Selenium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |        |        |        |       |       |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05    |        | .05173 | mg/L  | 103.5 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .05005 |        | .04382 | mg/L  | 87.6  | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .05005 | U      | .06261 | mg/L  | 125.1 | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .05005 | U      | .06237 | mg/L  | 124.6 | 70      | 130    | 0.38 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Selenium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |        |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05    |        | .0515  | mg/L  | 103   | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .05005 | .0001  | .05038 | mg/L  | 100.5 | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .05005 | .0001  | .05279 | mg/L  | 105.3 | 70       | 130     | 4.67 | 20    |      |

**WG342149**

|               |      |               |            |        |       |        |      |       |          |         |      |    |  |
|---------------|------|---------------|------------|--------|-------|--------|------|-------|----------|---------|------|----|--|
| WG342149ICV   | ICV  | 04/17/13 0:44 | MS130416-2 | .05    |       | .05194 | mg/L | 103.9 | 90       | 110     |      |    |  |
| WG342149ICB   | ICB  | 04/17/13 0:47 |            |        |       | U      | mg/L |       | -0.0003  | 0.0003  |      |    |  |
| WG342091LRB   | LRB  | 04/17/13 0:50 |            |        |       | U      | mg/L |       | -0.00022 | 0.00022 |      |    |  |
| WG342091LFB   | LFB  | 04/17/13 0:54 | MS130329-1 | .05005 |       | .05325 | mg/L | 106.4 | 85       | 115     |      |    |  |
| L11385-04LFM  | LFM  | 04/17/13 1:25 | MS2XW      | .1001  | .0026 | .10286 | mg/L | 100.2 | 70       | 130     |      |    |  |
| L11385-04LFMD | LFMD | 04/17/13 1:29 | MS2XW      | .1001  | .0026 | .10126 | mg/L | 98.6  | 70       | 130     | 1.57 | 20 |  |

**Silver, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual  |
|-----------------|------|----------------|------------|------|--------|-------|-------|-------|-------|-------|------|-------|-------|
| <b>WG341698</b> |      |                |            |      |        |       |       |       |       |       |      |       |       |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | .998 |        | 1     | mg/L  | 100.2 | 95    | 105   |      |       |       |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |      |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |       |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5   |        | .495  | mg/L  | 99    | 85    | 115   |      |       |       |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5   | U      | .362  | mg/L  | 72.4  | 85    | 115   |      |       | M2 ZA |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5   | U      | .336  | mg/L  | 67.2  | 85    | 115   | 7.45 | 20    | M2 ZA |

**Silver, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC   | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|---------------|------------|------|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG341636</b> |      |               |            |      |        |       |       |       |        |       |     |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | .998 |        | 1.002 | mg/L  | 100.4 | 95     | 105   |     |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |      |        | U     | mg/L  |       | -0.03  | 0.03  |     |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |      |        | U     | mg/L  |       | -0.022 | 0.022 |     |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5   |        | .499  | mg/L  | 99.8  | 85     | 115   |     |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5   | U      | .503  | mg/L  | 100.6 | 70     | 130   |     |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5   | U      | .503  | mg/L  | 100.6 | 70     | 130   | 0   | 20    |      |

**Sulfate**

D516-02 - Turbidimetric

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG341798</b> |      |                |            |    |        |       |       |      |       |       |     |       |      |
| WG341798ICB     | ICB  | 04/09/13 13:32 |            |    |        | U     | mg/L  |      | -3    | 3     |     |       |      |
| WG341798ICV     | ICV  | 04/09/13 13:32 | WI130401-1 | 20 |        | 19.7  | mg/L  | 98.5 | 90    | 110   |     |       |      |
| WG341798LFB     | LFB  | 04/09/13 14:43 | WI121025-3 | 10 |        | 9.6   | mg/L  | 96   | 90    | 110   |     |       |      |
| L11379-05AS     | AS   | 04/09/13 14:43 | WI121025-3 | 10 | 35     | 39.9  | mg/L  | 49   | 90    | 110   |     |       | M2   |
| L11375-01DUP    | DUP  | 04/09/13 15:34 |            |    | 1200   | 1210  | mg/L  |      |       |       | 0.8 | 20    |      |
| <b>WG341805</b> |      |                |            |    |        |       |       |      |       |       |     |       |      |
| WG341805ICB     | ICB  | 04/09/13 13:32 |            |    |        | U     | mg/L  |      | -3    | 3     |     |       |      |
| WG341805ICV     | ICV  | 04/09/13 13:32 | WI130401-1 | 20 |        | 19.7  | mg/L  | 98.5 | 90    | 110   |     |       |      |
| WG341805LFB     | LFB  | 04/09/13 16:41 | WI121025-3 | 10 |        | 9.7   | mg/L  | 97   | 90    | 110   |     |       |      |
| L11379-01DUP    | DUP  | 04/09/13 16:41 |            |    | 38     | 37.8  | mg/L  |      |       |       | 0.5 | 20    |      |
| L11379-02AS     | AS   | 04/09/13 17:00 | SO4TURB2X  | 10 | 36     | 47.1  | mg/L  | 111  | 90    | 110   |     |       | M1   |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Thallium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |        |        |        |       |       |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05    |        | .05265 | mg/L  | 105.3 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .05005 |        | .04846 | mg/L  | 96.8  | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .05005 | U      | .0488  | mg/L  | 97.5  | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .05005 | U      | .04865 | mg/L  | 97.2  | 70      | 130    | 0.31 | 20    |      |

**Thallium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|----------|---------|-----|-------|------|
| <b>WG341863</b> |      |                |            |        |        |        |       |       |          |         |     |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05    |        | .05345 | mg/L  | 106.9 | 90       | 110     |     |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |     |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |     |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .05005 |        | .04928 | mg/L  | 98.5  | 85       | 115     |     |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .05005 | U      | .05045 | mg/L  | 100.8 | 70       | 130     |     |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .05005 | U      | .05147 | mg/L  | 102.8 | 70       | 130     | 2   | 20    |      |

**Uranium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG341786</b> |      |                |            |     |        |        |       |       |         |        |      |       |      |
| WG341786ICV     | ICV  | 04/09/13 17:43 | MS130402-2 | .05 |        | .05186 | mg/L  | 103.7 | 90      | 110    |      |       |      |
| WG341786ICB     | ICB  | 04/09/13 17:46 |            |     |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG341786LFB     | LFB  | 04/09/13 17:49 | MS130329-1 | .05 |        | .04863 | mg/L  | 97.3  | 85      | 115    |      |       |      |
| L11362-01AS     | AS   | 04/09/13 17:59 | MS130329-1 | .05 | U      | .05281 | mg/L  | 105.6 | 70      | 130    |      |       |      |
| L11362-01ASD    | ASD  | 04/09/13 18:02 | MS130329-1 | .05 | U      | .05299 | mg/L  | 106   | 70      | 130    | 0.34 | 20    |      |

**Uranium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG341863</b> |      |                |            |     |        |        |       |       |          |         |      |       |      |
| WG341863ICV     | ICV  | 04/11/13 20:09 | MS130402-2 | .05 |        | .05316 | mg/L  | 106.3 | 90       | 110     |      |       |      |
| WG341863ICB     | ICB  | 04/11/13 20:12 |            |     |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG341761LRB     | LRB  | 04/11/13 20:15 |            |     |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG341761LFB     | LFB  | 04/11/13 20:18 | MS130329-1 | .05 |        | .0479  | mg/L  | 95.8  | 85       | 115     |      |       |      |
| L11385-03LFM    | LFM  | 04/11/13 20:51 | MS130329-1 | .05 | .0015  | .0545  | mg/L  | 106   | 70       | 130     |      |       |      |
| L11385-03LFMD   | LFMD | 04/11/13 20:54 | MS130329-1 | .05 | .0015  | .05417 | mg/L  | 105.3 | 70       | 130     | 0.61 | 20    |      |

**Vanadium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|--------|-------|------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |        |       |      |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 1.9862 | mg/L  | 99.3 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U      | mg/L  |      | -0.015 | 0.015 |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U      | mg/L  |      | -0.011 | 0.011 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .4991  | mg/L  | 99.8 | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .497   | mg/L  | 99.4 | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .4949  | mg/L  | 99   | 70     | 130   | 0.42 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

**Zinc, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG341698</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG341698ICV     | ICV  | 04/08/13 13:12 | II130114-3 | 2  |        | 1.951 | mg/L  | 97.6  | 95    | 105   |      |       |      |
| WG341698ICB     | ICB  | 04/08/13 13:18 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG341698LFB     | LFB  | 04/08/13 13:30 | II130326-2 | .5 |        | .502  | mg/L  | 100.4 | 85    | 115   |      |       |      |
| L11376-06AS     | AS   | 04/08/13 14:20 | II130326-2 | .5 | U      | .511  | mg/L  | 102.2 | 85    | 115   |      |       |      |
| L11376-06ASD    | ASD  | 04/08/13 14:24 | II130326-2 | .5 | U      | .513  | mg/L  | 102.6 | 85    | 115   | 0.39 | 20    |      |

**Zinc, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG341636</b> |      |               |            |    |        |       |       |       |        |       |      |       |      |
| WG341636ICV     | ICV  | 04/06/13 3:41 | II130114-4 | 2  |        | 2.004 | mg/L  | 100.2 | 95     | 105   |      |       |      |
| WG341636ICB     | ICB  | 04/06/13 3:47 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG341598LRB     | LRB  | 04/06/13 3:59 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG341598LFB     | LFB  | 04/06/13 4:02 | II130326-2 | .5 |        | .51   | mg/L  | 102   | 85     | 115   |      |       |      |
| L11379-06LFM    | LFM  | 04/06/13 5:03 | II130326-2 | .5 | U      | .517  | mg/L  | 103.4 | 70     | 130   |      |       |      |
| L11379-06LFMD   | LFMD | 04/06/13 5:06 | II130326-2 | .5 | U      | .506  | mg/L  | 101.2 | 70     | 130   | 2.15 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

| ACZ ID    | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                                                           |
|-----------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L11379-01 | WG341626 | Aluminum, total recoverable         | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|           |          | Iron, total recoverable             | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|           | WG341698 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|           |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|           | WG341565 | Cyanide, Free                       | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|           |          |                                     | D6888-04/-09                         | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|           |          |                                     | D6888-04/-09                         | R4   | RPD for a spike and spike duplicate exceeded the method or laboratory acceptance limit. At a minimum, one spike recovery met acceptance criteria.                                                     |
|           | WG341629 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341465 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341733 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341805 | Sulfate                             | D516-02 - Turbidimetric              | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                            |



Wildcat Mining Corporation

ACZ Project ID: **L11379**

| ACZ ID    | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                                                           |
|-----------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L11379-02 | WG341626 | Aluminum, total recoverable         | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|           |          | Iron, total recoverable             | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|           | WG341698 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|           |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|           | WG341565 | Cyanide, Free                       | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|           |          |                                     | D6888-04/-09                         | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|           |          |                                     | D6888-04/-09                         | R4   | RPD for a spike and spike duplicate exceeded the method or laboratory acceptance limit. At a minimum, one spike recovery met acceptance criteria.                                                     |
|           | WG341629 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341465 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341733 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|           | WG341805 | Sulfate                             | D516-02 - Turbidimetric              | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                            |

**Wildcat Mining Corporation**

ACZ Project ID: **L11379**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                                                           |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L11379-03</b> | WG341762 | Total Hot Plate Digestion           | M200.2 ICP-MS                        | DJ   | Sample dilution required due to insufficient sample.                                                                                                                                                  |
|                  | WG341626 | Aluminum, total recoverable         | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  |          | Iron, total recoverable             | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  | WG341698 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG341565 | Cyanide, Free                       | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  |          |                                     | D6888-04/-09                         | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | D6888-04/-09                         | R4   | RPD for a spike and spike duplicate exceeded the method or laboratory acceptance limit. At a minimum, one spike recovery met acceptance criteria.                                                     |
|                  | WG341629 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341465 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341733 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341805 | Sulfate                             | D516-02 - Turbidimetric              | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                            |
| <b>L11379-04</b> | WG341626 | Aluminum, total recoverable         | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  |          | Iron, total recoverable             | M200.7 ICP                           | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
|                  | WG341698 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG341565 | Cyanide, Free                       | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  |          |                                     | D6888-04/-09                         | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | D6888-04/-09                         | R4   | RPD for a spike and spike duplicate exceeded the method or laboratory acceptance limit. At a minimum, one spike recovery met acceptance criteria.                                                     |
|                  | WG341465 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341733 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341652 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG341805 | Sulfate                             | D516-02 - Turbidimetric              | M1   | Matrix spike recovery was high, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                            |

Wildcat Mining Corporation

ACZ Project ID: **L11379**

| ACZ ID           | WORKNUM  | PARAMETER               | METHOD                               | QUAL | DESCRIPTION                                                                                                                                             |
|------------------|----------|-------------------------|--------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L11379-05</b> | WG341565 | Cyanide, Free           | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                 |
|                  |          |                         | D6888-04/-09                         | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
|                  |          |                         | D6888-04/-09                         | R4   | RPD for a spike and spike duplicate exceeded the method or laboratory acceptance limit. At a minimum, one spike recovery met acceptance criteria.       |
|                  | WG341629 | Fluoride                | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341465 | Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341798 | Sulfate                 | D516-02 - Turbidimetric              | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
| <b>L11379-06</b> | WG341863 | Selenium, total         | M200.8 ICP-MS                        | LA   | Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL]. |
|                  | WG341565 | Cyanide, Free           | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                 |
|                  | WG341629 | Fluoride                | SM4500F-C                            | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
|                  |          |                         | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341465 | Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341798 | Sulfate                 | D516-02 - Turbidimetric              | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
| <b>L11379-07</b> | WG341863 | Selenium, total         | M200.8 ICP-MS                        | LA   | Recovery for target analyte in the control sample (LCS or LFB) exceeded the acceptance criteria. Target analyte was not detected in the sample [< MDL]. |
|                  | WG341565 | Cyanide, Free           | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                 |
|                  | WG341629 | Fluoride                | SM4500F-C                            | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
|                  |          |                         | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341465 | Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341798 | Sulfate                 | D516-02 - Turbidimetric              | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
| <b>L11379-08</b> | WG341565 | Cyanide, Free           | D6888-04/-09                         | D1   | Sample required dilution due to matrix.                                                                                                                 |
|                  | WG341629 | Fluoride                | SM4500F-C                            | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |
|                  |          |                         | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341465 | Nitrite as N, dissolved | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).     |
|                  | WG341798 | Sulfate                 | D516-02 - Turbidimetric              | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                               |

**Wildcat Mining Corporation**

ACZ Project ID: **L11379**

No certification qualifiers associated with this analysis

**Wildcat Mining Corporation**

ACZ Project ID: L11379

Date Received: 04/02/2013 09:40

Received By: ksj

Date Printed: 4/2/2013

**Receipt Verification**

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody or other directive shipping papers present?                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody complete and accurate?                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples?        | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**Samples/Containers**

|                                                                                    | YES                                 | NO                       | NA                                  |
|------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits?              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12) Is there sufficient sample volume to perform all requested work?               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

**Chain of Custody Related Remarks**

**Client Contact Remarks**

**Shipping Containers**

| Cooler Id | Temp ( °C) | Rad (µR/Hr) | Custody Seal Intact? |
|-----------|------------|-------------|----------------------|
| 3077      | 1.5        | 11          | N/A                  |

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



Laboratories, Inc.

11349

CHAIN of CUSTODY

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

Report to:

Name: M. K. Thompson  
Company: Reardon Steel LLC  
E-mail: mt@reardonsteel.us

Address: 4 River St.  
Silverton, CO 81433  
Telephone: 970-426-2921

Copy of Report to:

Name: Torii Goar  
Company: Wildcat Mining Corp

E-mail: torii@pcofpartners.com  
Telephone: 941-951-0787

Invoice to:

Name: Torii Goar  
Company: Wildcat Mining Corp  
E-mail: torii@pcofpartners.com

Address: 1630 Ringling Blvd.  
Sarasota, FL 34236  
Telephone: 941-951-0787

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES ☒  
NO ☐

If "NO" then ACZ will contact client for further instruction. If neither "YES" nor "NO"

is indicated, ACZ will proceed with the requested analyses, even if HT is expired, and data will be qualified.

PROJECT INFORMATION

ANALYSES REQUESTED (attach list or use quote number)

Quote #: 13028854  
Project/PO #:  
Reporting state for compliance testing:  
Sampler's Name: *mt*  
Are any samples NRC licensable material?

# of Containers

please refer  
to grade.

| SAMPLE IDENTIFICATION | DATE:TIME | Matrix |
|-----------------------|-----------|--------|
| SWA - 040113          | 04/01/13  | SW     |
| SWB - 040113          | 04/01/13  | SW     |
| SWC - 040113          | 04/01/13  | SW     |
| SWD - 040113          | 04/01/13  | SW     |
| GWA - 040113          | 04/01/13  | GW     |
| GWB - 040113          | 04/01/13  | GW     |
| GWC - 040113          | 04/01/13  | GW     |
| GWD - 040113          | 04/01/13  | GW     |

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

REMARKS/ SAMPLE DISCLOSURES

PAGE

of

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

RELINQUISHED BY:

DATE:TIME

RECEIVED BY:

DATE:TIME

*mt* 4/1/13 *TCB* 4-239:40

**ACZ Laboratories, Inc.**

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

**Invoice**  
**94427**

Invoice Date: 10/30/2012  
Payment Due Date: 11/29/2012

Bill to:

**Wildcat Mining Corporation**  
**Torii Goar**  
**1630 Ringling Blvd.**  
**Sarasota, FL 34236**

**ACZ ID: L97070**  
**Purchase Order:**  
**Project Receive Date: 10/02/2012**  
**Project Contact: Torii Goar**  
**MAYDAY-GW-2012**

| QTY | ANALYSIS                            | METHOD                        | MATRIX    | PRICE   | EXTENDED | FACTOR | TOTAL    |
|-----|-------------------------------------|-------------------------------|-----------|---------|----------|--------|----------|
| 4   | Aluminum, total                     | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Antimony, total                     | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Arsenic, total                      | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Barium, total                       | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Beryllium, total                    | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Boron, total                        | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Cadmium, total                      | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Chromium, total                     | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Cobalt, total                       | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Copper, total                       | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Cyanide, Free                       | D6888-04                      | GroundWat | \$32.40 | \$129.60 | 1.00   | \$129.60 |
| 4   | Electronic Data Deliverable         |                               | Misc      | \$0.00  | \$0.00   | 1.00   | \$0.00   |
| 4   | Fluoride                            | SM4500F-C                     | GroundWat | \$9.90  | \$39.60  | 1.00   | \$39.60  |
| 4   | Iron, total                         | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Lab Filtration (glass fiber filter) | SOPWC050                      | GroundWat | \$9.00  | \$36.00  | 1.00   | \$36.00  |
| 4   | Lead, total                         | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Lithium, total                      | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Manganese, total                    | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Mercury, total                      | M245.1 CVAA                   | GroundWat | \$19.80 | \$79.20  | 1.00   | \$79.20  |
| 4   | Molybdenum, total                   | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Nickel, total                       | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2 | GroundWat | \$0.00  | \$0.00   | 1.00   | \$0.00   |
| 4   | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Re | GroundWat | \$9.90  | \$39.60  | 1.00   | \$39.60  |
| 4   | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Re | GroundWat | \$9.90  | \$39.60  | 1.00   | \$39.60  |
| 4   | pH (lab)                            | SM4500H+ B                    | GroundWat | \$7.20  | \$28.80  | 1.00   | \$28.80  |
| 4   | Quality Control Summary             |                               | Misc      | \$0.00  | \$0.00   | 1.00   | \$0.00   |
| 4   | Residue, Filterable (TDS) @180C     | SM2540C                       | GroundWat | \$9.90  | \$39.60  | 1.00   | \$39.60  |
| 4   | Selenium, total                     | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |
| 4   | Silver, total                       | M200.7 ICP                    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40  |
| 4   | Sulfate                             | D516-02 - Turbidimetric       | GroundWat | \$9.90  | \$39.60  | 1.00   | \$39.60  |
| 4   | Thallium, total                     | M200.8 ICP-MS                 | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20  |

If you have any questions concerning this invoice, please contact:

Yvonne Baker - Chief Financial Officer

yb@acz.com (970) 879-6590 x102

Federal Tax ID: 84-1108076

A service charge of 1.5% (18% per anum) will be made on all unpaid invoices 31 (or more) days old. Should it be necessary to assign account balance to a collection agency or attorney for legal action, all subsequent charges and legal fees shall be paid by customer.

# ACZ Laboratories, Inc.

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

**Invoice**  
**94427**

Invoice Date: 10/30/2012  
Payment Due Date: 11/29/2012

Bill to:

**Wildcat Mining Corporation**  
**Torii Goar**  
**1630 Ringling Blvd.**  
**Sarasota, FL 34236**

**ACZ ID: L97070**  
**Purchase Order:**  
**Project Receive Date: 10/02/2012**  
**Project Contact: Torii Goar**  
**MAYDAY-GW-2012**

| QTY | ANALYSIS                  | METHOD        | MATRIX    | PRICE   | EXTENDED | FACTOR | TOTAL   |
|-----|---------------------------|---------------|-----------|---------|----------|--------|---------|
| 4   | Total Hot Plate Digestion | M200.2 ICP    | GroundWat | \$10.80 | \$43.20  | 1.00   | \$43.20 |
| 4   | Total Hot Plate Digestion | M200.2 ICP-MS | GroundWat | \$10.80 | \$43.20  | 1.00   | \$43.20 |
| 4   | Uranium, total            | M200.8 ICP-MS | GroundWat | \$15.30 | \$61.20  | 1.00   | \$61.20 |
| 4   | Vanadium, total           | M200.7 ICP    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40 |
| 4   | Zinc, total               | M200.7 ICP    | GroundWat | \$8.10  | \$32.40  | 1.00   | \$32.40 |

If you have any questions concerning this invoice, please contact:

Yvonne Baker - Chief Financial Officer

yb@acz.com (970) 879-6590 x102

Federal Tax ID: 84-1108076

**SUBTOTAL: \$1,501.20**

**DISCOUNT: \$0.00**

**TOTAL DUE: \$1,501.20**

A service charge of 1.5% (18% per annum) will be made on all unpaid invoices 31 (or more) days old. Should it be necessary to assign account balance to a collection agency or attorney for legal action, all subsequent charges and legal fees shall be paid by customer.

**U.S. Dollars**  
**Terms: Net 30**



July 11, 2012

## Report to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

## Bill to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

cc: Mike Thompson

## Project ID:

ACZ Project ID: L95330

Torii Goar:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 26, 2012. This project has been assigned to ACZ's project number, L95330. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L95330. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

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

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

All samples and sub-samples associated with this project will be disposed of after August 11, 2012. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

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



Tony Antalek has reviewed and  
approved this report.



Wildcat Mining Corporation

July 11, 2012

Project ID:

ACZ Project ID: L95330

**Sample Receipt**

ACZ Laboratories, Inc. (ACZ) received 7 miscellaneous samples from Wildcat Mining Corporation on June 26, 2012. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L95330. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

**Holding Times**

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

**Sample Analysis**

These samples were analyzed for inorganic parameters. The individual methods are referenced on both the ACZ invoice and the analytical reports.

**Wildcat Mining Corporation**

Project ID:

Sample ID: SW-1-062512

ACZ Sample ID: **L95330-01**

Date Sampled: 06/25/12 09:15

Date Received: 06/26/12

Sample Matrix: Surface Water

**Inorganic Prep**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:01 | mfm     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/28/12 19:17 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:12 | mfm     |

**Metals Analysis**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03   | 0.2    | 06/29/12 11:52 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004 | 0.002  | 06/29/12 15:06 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0005 | 0.002  | 06/29/12 15:06 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0005 | 0.002  | 06/28/12 6:08  | pmc     |
| Barium, dissolved           | M200.7 ICP    | 0.049  |      |    | mg/L  | 0.003  | 0.02   | 06/28/12 16:52 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:06 | msh     |
| Boron, dissolved            | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 06/29/12 13:48 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:06 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 20.3   |      |    | mg/L  | 0.2    | 1      | 06/28/12 16:52 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 16:52 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 16:52 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/28/12 16:52 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/29/12 11:52 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:06 | msh     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 3:56  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 2.6    |      |    | mg/L  | 0.2    | 1      | 06/28/12 16:52 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 06/28/12 16:52 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 9:44  | erf     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 16:52 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 16:52 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0001 | B    |    | mg/L  | 0.0001 | 0.0003 | 06/29/12 15:06 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01   | 0.03   | 06/29/12 13:48 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:06 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:06 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 06/28/12 16:52 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SW-1-062512

ACZ Sample ID: **L95330-01**

Date Sampled: 06/25/12 09:15

Date Received: 06/26/12

Sample Matrix: Surface Water

Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 47     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 47     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 14:40 | mpb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 17:23 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 61     |      |    | mg/L  | 1    | 7    | 07/11/12 10:32 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 06/26/12 14:58 | mfm     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 06/26/12 11:31 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.08   | B    |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:32 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.08   | B    |    | mg/L  | 0.02 | 0.1  | 06/26/12 22:30 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:30 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 07/02/12 16:40 | tcd     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 7.9    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                          |                                                                    | 20.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 80     |      |    | mg/L  | 10   | 20   | 06/27/12 15:16 | las     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 06/28/12 12:13 | jad     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 18     |      | *  | mg/L  | 1    | 5    | 07/06/12 13:42 | mpb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SW-2-062512

ACZ Sample ID: **L95330-02**

Date Sampled: 06/25/12 10:42

Date Received: 06/26/12

Sample Matrix: Surface Water

**Inorganic Prep**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:12 | mfm     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/28/12 20:34 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:23 | mfm     |

**Metals Analysis**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03   | 0.2    | 06/29/12 12:02 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004 | 0.002  | 06/29/12 15:16 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0005 | 0.002  | 06/29/12 15:16 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0005 | 0.002  | 06/28/12 6:11  | pmc     |
| Barium, dissolved           | M200.7 ICP    | 0.051  |      |    | mg/L  | 0.003  | 0.02   | 06/28/12 17:01 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:16 | msh     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/29/12 14:04 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:16 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 20.7   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:01 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:01 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:01 | aeb     |
| Iron, dissolved             | M200.7 ICP    | 0.06   |      |    | mg/L  | 0.02   | 0.05   | 06/28/12 17:01 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/29/12 12:02 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:16 | msh     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:05  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 2.7    |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:01 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 06/28/12 17:01 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 9:46  | erf     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:01 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:01 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0001 | B    |    | mg/L  | 0.0001 | 0.0003 | 06/29/12 15:16 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01   | 0.03   | 06/29/12 14:04 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:16 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:16 | msh     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:01 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: SW-2-062512

ACZ Sample ID: **L95330-02**

Date Sampled: 06/25/12 10:42

Date Received: 06/26/12

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 48     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 48     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 14:52 | mpb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 17:30 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 63     |      |    | mg/L  | 1    | 7    | 07/11/12 10:32 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 06/26/12 14:59 | mfm     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 06/26/12 11:32 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.07   | B    |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:32 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.07   | B    |    | mg/L  | 0.02 | 0.1  | 06/26/12 22:31 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:31 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 07/02/12 16:41 | tcd     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 7.9    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                          |                                                                    | 20.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 70     |      |    | mg/L  | 10   | 20   | 06/27/12 15:18 | las     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 06/28/12 12:19 | jad     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 18     |      | *  | mg/L  | 1    | 5    | 07/06/12 13:42 | mpb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: IDAHO SP SW 062512

ACZ Sample ID: **L95330-03**

Date Sampled: 06/25/12 11:52

Date Received: 06/26/12

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:23 | mfm     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/28/12 21:00 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:34 | mfm     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03   | 0.2    | 06/29/12 12:11 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0004 | 0.002  | 06/29/12 15:19 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0008 | B    |    | mg/L  | 0.0005 | 0.002  | 06/29/12 15:19 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0009 | B    |    | mg/L  | 0.0005 | 0.002  | 06/28/12 6:14  | pmc     |
| Barium, dissolved           | M200.7 ICP    | 0.088  |      |    | mg/L  | 0.003  | 0.02   | 06/28/12 17:04 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:19 | msh     |
| Boron, dissolved            | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 06/29/12 14:07 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:19 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 38.6   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:04 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:04 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:04 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/28/12 17:04 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/29/12 12:11 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:19 | msh     |
| Lead, total                 | M200.8 ICP-MS | 0.0005 | B    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:08  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 12.4   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:04 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 06/28/12 17:04 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 9:53  | erf     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:04 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:04 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0005 |      |    | mg/L  | 0.0001 | 0.0003 | 06/29/12 15:19 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01   | 0.03   | 06/29/12 14:07 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:19 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0008 |      |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:19 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:04 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: IDAHO SP SW 062512

ACZ Sample ID: **L95330-03**

Date Sampled: 06/25/12 11:52

Date Received: 06/26/12

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 118    |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 118    |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 14:56 | mpb     |
| Fluoride                                | SM4500F-C                                                          |        | U    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 17:49 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 147    |      |    | mg/L  | 1    | 7    | 07/11/12 10:32 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 06/26/12 14:59 | mfm     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 06/26/12 11:33 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.12   |      |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:32 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.12   |      | *  | mg/L  | 0.02 | 0.1  | 06/26/12 22:32 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:32 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 07/02/12 16:42 | tcd     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.2    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 160    |      |    | mg/L  | 10   | 20   | 06/27/12 15:19 | las     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 06/28/12 12:21 | jad     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 33     |      | *  | mg/L  | 1    | 5    | 07/06/12 13:42 | mpb     |



**Wildcat Mining Corporation**

Project ID:

Sample ID: IDAHO GW

ACZ Sample ID: **L95330-04**

Date Sampled: 06/25/12 11:52

Date Received: 06/26/12

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/29/12 19:53 | aeb     |
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:34 | mfm     |

Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    | 0.04   | B    |    | mg/L  | 0.03   | 0.2    | 07/02/12 15:02 | aeb     |
| Antimony, total   | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0004 | 0.002  | 06/28/12 4:11  | pmc     |
| Arsenic, total    | M200.8 ICP-MS | 0.0015 | B    |    | mg/L  | 0.0005 | 0.002  | 06/28/12 4:11  | pmc     |
| Barium, total     | M200.7 ICP    | 0.075  |      |    | mg/L  | 0.003  | 0.02   | 07/02/12 15:02 | aeb     |
| Beryllium, total  | M200.8 ICP-MS |        | U    | *  | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:11  | pmc     |
| Boron, total      | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:11  | pmc     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Copper, total     | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Iron, total       | M200.7 ICP    | 0.08   |      |    | mg/L  | 0.02   | 0.05   | 07/03/12 10:11 | jjc     |
| Lead, total       | M200.8 ICP-MS | 0.0004 | B    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:11  | pmc     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.1    | 07/02/12 15:02 | aeb     |
| Manganese, total  | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 07/02/12 15:02 | aeb     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 9:55  | erf     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Nickel, total     | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |
| Selenium, total   | M200.8 ICP-MS | 0.0005 |      |    | mg/L  | 0.0001 | 0.0003 | 06/28/12 4:11  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.03   | 07/02/12 15:02 | aeb     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:11  | pmc     |
| Uranium, total    | M200.8 ICP-MS | 0.0009 |      |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:11  | pmc     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 07/02/12 15:02 | aeb     |
| Zinc, total       | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01   | 0.05   | 07/02/12 15:02 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: IDAHO GW

ACZ Sample ID: **L95330-04**

Date Sampled: 06/25/12 11:52

Date Received: 06/26/12

Sample Matrix: Ground Water

Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04                             |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 14:59 | mpb     |
| Fluoride                            | SM4500F-C                            |        | U    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 17:54 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 06/26/12 11:34 | abm     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        | 0.12   |      |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:32 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | 0.12   |      | *  | mg/L  | 0.02 | 0.1  | 06/26/12 22:35 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:35 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.3    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                      |                                      | 19.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 170    |      |    | mg/L  | 10   | 20   | 06/27/12 15:20 | las     |
| Sulfate                             | D516-02 - Turbidimetric              | 32     |      | *  | mg/L  | 1    | 5    | 07/06/12 13:42 | mpb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: WL-062512

ACZ Sample ID: **L95330-05**

Date Sampled: 06/25/12 11:31

Date Received: 06/26/12

Sample Matrix: Surface Water

**Inorganic Prep**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:45 | mfm     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:45 | mfm     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/28/12 21:25 | jjc     |

**Metals Analysis**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    | 1.83   |      |    | mg/L  | 0.03   | 0.2    | 06/29/12 12:14 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004 | 0.002  | 06/29/12 15:22 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0012 | B    |    | mg/L  | 0.0005 | 0.002  | 06/29/12 15:22 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0075 |      |    | mg/L  | 0.0005 | 0.002  | 06/28/12 6:17  | pmc     |
| Barium, dissolved           | M200.7 ICP    | 0.068  |      |    | mg/L  | 0.003  | 0.02   | 06/28/12 17:07 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:22 | msh     |
| Boron, dissolved            | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01   | 0.05   | 06/29/12 14:10 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:22 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 22.7   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:07 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:07 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:07 | aeb     |
| Iron, dissolved             | M200.7 ICP    | 0.26   |      |    | mg/L  | 0.02   | 0.05   | 06/28/12 17:07 | aeb     |
| Iron, total recoverable     | M200.7 ICP    | 0.79   |      |    | mg/L  | 0.02   | 0.05   | 06/29/12 12:14 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS | 0.0005 | B    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:22 | msh     |
| Lead, total                 | M200.8 ICP-MS | 0.0116 |      |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:14  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.1    |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:07 | aeb     |
| Manganese, dissolved        | M200.7 ICP    | 0.024  | B    |    | mg/L  | 0.005  | 0.03   | 06/28/12 17:07 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 9:57  | erf     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:07 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:07 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0001 | B    |    | mg/L  | 0.0001 | 0.0003 | 06/29/12 15:22 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01   | 0.03   | 06/29/12 14:10 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:22 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:22 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:07 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: WL-062512

ACZ Sample ID: **L95330-05**

Date Sampled: 06/25/12 11:31

Date Received: 06/26/12

Sample Matrix: Surface Water

Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 51     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 51     |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 15:03 | mpb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 18:00 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 70     |      |    | mg/L  | 1    | 7    | 07/11/12 10:32 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 06/26/12 14:59 | mfm     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 06/26/12 11:35 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.05   | B    |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:32 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.05   | B    | *  | mg/L  | 0.02 | 0.1  | 06/26/12 22:39 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:39 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 07/02/12 16:43 | tcd     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 7.8    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 80     |      |    | mg/L  | 10   | 20   | 06/27/12 15:22 | las     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            | 12     | B    | *  | mg/L  | 5    | 20   | 06/28/12 12:24 | jad     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 19     |      |    | mg/L  | 1    | 5    | 07/06/12 14:08 | mpb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: DUP SW-062512

ACZ Sample ID: **L95330-06**

Date Sampled: 06/25/12 12:20

Date Received: 06/26/12

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:56 | mfm     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 06/28/12 21:51 | jjc     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 06/27/12 13:56 | mfm     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL    | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|--------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03   | 0.2    | 06/29/12 12:17 | jjc     |
| Antimony, dissolved         | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0004 | 0.002  | 06/29/12 15:26 | msh     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0008 | B    |    | mg/L  | 0.0005 | 0.002  | 06/29/12 15:26 | msh     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0009 | B    |    | mg/L  | 0.0005 | 0.002  | 06/28/12 6:20  | pmc     |
| Barium, dissolved           | M200.7 ICP    | 0.087  |      |    | mg/L  | 0.003  | 0.02   | 06/28/12 17:16 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:26 | msh     |
| Boron, dissolved            | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01   | 0.05   | 06/29/12 14:13 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:26 | msh     |
| Calcium, dissolved          | M200.7 ICP    | 38.4   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:16 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:16 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:16 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/28/12 17:16 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02   | 0.05   | 06/29/12 12:17 | jjc     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:26 | msh     |
| Lead, total                 | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001 | 0.0005 | 06/28/12 4:17  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 12.2   |      |    | mg/L  | 0.2    | 1      | 06/28/12 17:16 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005  | 0.03   | 06/28/12 17:16 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002 | 0.001  | 07/06/12 10:04 | erf     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:16 | aeb     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:16 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0005 |      |    | mg/L  | 0.0001 | 0.0003 | 06/29/12 15:26 | msh     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01   | 0.03   | 06/29/12 14:13 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:26 | msh     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0008 |      |    | mg/L  | 0.0001 | 0.0005 | 06/29/12 15:26 | msh     |
| Zinc, dissolved             | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01   | 0.05   | 06/28/12 17:16 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: DUP SW-062512

ACZ Sample ID: **L95330-06**

Date Sampled: 06/25/12 12:20

Date Received: 06/26/12

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 120    |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 120    |      |    | mg/L  | 2    | 20   | 06/27/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 07/09/12 15:07 | mpb     |
| Fluoride                                | SM4500F-C                                                          |        | U    | *  | mg/L  | 0.1  | 0.5  | 06/29/12 18:08 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 146    |      |    | mg/L  | 1    | 7    | 07/11/12 10:33 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 06/26/12 15:00 | mfm     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 06/26/12 11:36 | abm     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.12   |      |    | mg/L  | 0.02 | 0.1  | 07/11/12 10:33 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.12   |      | *  | mg/L  | 0.02 | 0.1  | 06/26/12 22:41 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 06/26/12 22:41 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 07/02/12 16:45 | tcd     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.3    | H    |    | units | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 06/27/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 170    |      |    | mg/L  | 10   | 20   | 06/27/12 15:23 | las     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 06/28/12 12:26 | jad     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 30     |      |    | mg/L  | 2    | 10   | 07/06/12 14:39 | mpb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: CN TB 060412-2

ACZ Sample ID: **L95330-07**

Date Sampled: 06/25/12 00:00

Date Received: 06/26/12

Sample Matrix: Surface Water

Wet Chemistry

| Parameter     | EPA Method | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|---------------|------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free | D6888-04   |        | UH   | *  | mg/L  | 0.01 | 0.02 | 07/10/12 14:22 | tcd     |

## Report Header Explanations

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

## QC Sample Types

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

## QC Sample Type Explanations

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

## ACZ Qualifiers (Qual)

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

## Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December 1996.
- (5) Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995 & 20th edition (1998).

## Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

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

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



**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Alkalinity as CaCO<sub>3</sub>** SM2320B - Titration

| ACZ ID          | Type | Analyzed       | PCN/SCN   | QC       | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-----------|----------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG325182</b> |      |                |           |          |        |       |       |      |       |       |     |       |      |
| WG325182PBW1    | PBW  | 06/26/12 15:12 |           |          |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG325182LCSW2   | LCSW | 06/26/12 15:26 | WC120619- | 820.0001 |        | 777.9 | mg/L  | 94.9 | 90    | 110   |     |       |      |
| WG325182PBW2    | PBW  | 06/26/12 17:40 |           |          |        | 2.1   | mg/L  |      | -20   | 20    |     |       |      |
| WG325182LCSW5   | LCSW | 06/26/12 17:52 | WC120619- | 820.0001 |        | 791.3 | mg/L  | 96.5 | 90    | 110   |     |       |      |
| WG325182PBW3    | PBW  | 06/26/12 20:41 |           |          |        | 2.2   | mg/L  |      | -20   | 20    |     |       |      |
| WG325182LCSW8   | LCSW | 06/26/12 20:53 | WC120619- | 820.0001 |        | 794.4 | mg/L  | 96.9 | 90    | 110   |     |       |      |
| WG325182PBW4    | PBW  | 06/26/12 22:53 |           |          |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG325182LCSW11  | LCSW | 06/26/12 23:07 | WC120619- | 820.0001 |        | 799.1 | mg/L  | 97.5 | 90    | 110   |     |       |      |
| L95330-03DUP    | DUP  | 06/27/12 0:39  |           |          | 118    | 118.9 | mg/L  |      |       |       | 0.8 | 20    |      |
| L95332-02DUP    | DUP  | 06/27/12 1:21  |           |          | 47     | 44.9  | mg/L  |      |       |       | 4.6 | 20    |      |
| WG325182LCSW14  | LCSW | 06/27/12 1:34  | WC120619- | 820.0001 |        | 797.7 | mg/L  | 97.3 | 90    | 110   |     |       |      |

**Aluminum, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |     |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.977 | mg/L  | 98.9  | 95     | 105   |     |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.09  | 0.09  |     |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.066 | 0.066 |     |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | 1  |        | .988  | mg/L  | 98.8  | 85     | 115   |     |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | 1  | U      | .995  | mg/L  | 99.5  | 70     | 130   |     |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | 1  | U      | 1.008 | mg/L  | 100.8 | 70     | 130   | 1.3 | 20    |      |

**Aluminum, total recoverable** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG325404</b> |      |                |            |    |        |       |       |      |        |       |     |       |      |
| WG325404ICV     | ICV  | 06/29/12 11:17 | II120430-3 | 2  |        | 1.964 | mg/L  | 98.2 | 95     | 105   |     |       |      |
| WG325404ICB     | ICB  | 06/29/12 11:21 |            |    |        | U     | mg/L  |      | -0.09  | 0.09  |     |       |      |
| WG325377LRB     | LRB  | 06/29/12 11:34 |            |    |        | U     | mg/L  |      | -0.066 | 0.066 |     |       |      |
| WG325377LFB     | LFB  | 06/29/12 11:37 | II120606-2 | 1  |        | .969  | mg/L  | 96.9 | 85     | 115   |     |       |      |
| L95330-01LFM    | LFM  | 06/29/12 11:55 | II120606-2 | 1  | U      | .991  | mg/L  | 99.1 | 70     | 130   |     |       |      |
| L95330-01LFMD   | LFMD | 06/29/12 11:58 | II120606-2 | 1  | U      | .994  | mg/L  | 99.4 | 70     | 130   | 0.3 | 20    |      |

**Antimony, dissolved** M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|---------|--------|-----|-------|------|
| <b>WG325421</b> |      |                |            |     |        |        |       |       |         |        |     |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .02 |        | .02129 | mg/L  | 106.5 | 90      | 110    |     |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |     |        | U      | mg/L  |       | -0.0012 | 0.0012 |     |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .01 |        | .00921 | mg/L  | 92.1  | 85      | 115    |     |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .01 | U      | .00926 | mg/L  | 92.6  | 70      | 130    |     |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .01 | U      | .00915 | mg/L  | 91.5  | 70      | 130    | 1.2 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Antimony, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |     |        |        |       |      |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .02 |        | .02039 | mg/L  | 102  | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |     |        | U      | mg/L  |      | -0.0012  | 0.0012  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |     |        | U      | mg/L  |      | -0.00088 | 0.00088 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .01 |        | .00978 | mg/L  | 97.8 | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .01 | U      | .00955 | mg/L  | 95.5 | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .01 | U      | .00949 | mg/L  | 94.9 | 70       | 130     | 0.63 | 20    |      |

**Arsenic, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |        |        |        |       |       |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05    |        | .05312 | mg/L  | 106.2 | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |        |        | U      | mg/L  |       | -0.0015 | 0.0015 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .05005 |        | .04644 | mg/L  | 92.8  | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .05005 | U      | .05127 | mg/L  | 102.4 | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .05005 | U      | .0513  | mg/L  | 102.5 | 70      | 130    | 0.06 | 20    |      |

**Arsenic, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325295</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05    |        | .05293 | mg/L  | 105.9 | 90      | 110    |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |        |        | U      | mg/L  |       | -0.0015 | 0.0015 |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |        |        | .00066 | mg/L  |       | -0.0011 | 0.0011 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .05005 |        | .05403 | mg/L  | 108   | 85      | 115    |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .05005 | .0007  | .05055 | mg/L  | 99.6  | 70      | 130    |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .05005 | .0007  | .05131 | mg/L  | 101.1 | 70      | 130    | 1.49 | 20    |      |

**Arsenic, total recoverable**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325299</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG325299ICV     | ICV  | 06/28/12 4:49 | MS120604-5 | .05    |        | .05317 | mg/L  | 106.3 | 90      | 110    |      |       |      |
| WG325299ICB     | ICB  | 06/28/12 4:52 |            |        |        | U      | mg/L  |       | -0.0015 | 0.0015 |      |       |      |
| WG325220LRB     | LRB  | 06/28/12 4:55 |            |        |        | U      | mg/L  |       | -0.0011 | 0.0011 |      |       |      |
| WG325220LFB     | LFB  | 06/28/12 4:58 | MS120531-3 | .05005 |        | .05227 | mg/L  | 104.4 | 85      | 115    |      |       |      |
| L95329-12LFM    | LFM  | 06/28/12 5:56 | MS120531-3 | .05005 | .0009  | .05302 | mg/L  | 104.1 | 70      | 130    |      |       |      |
| L95329-12LFMD   | LFMD | 06/28/12 6:05 | MS120531-3 | .05005 | .0009  | .05264 | mg/L  | 103.4 | 70      | 130    | 0.72 | 20    |      |

**Barium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 2.015 | mg/L  | 100.8 | 95     | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | .0032 | mg/L  |       | -0.009 | 0.009 |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .526  | mg/L  | 105.2 | 85     | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | .049   | .5704 | mg/L  | 104.3 | 85     | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | .049   | .5733 | mg/L  | 104.9 | 85     | 115   | 0.51 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L95330**

Project ID:

**Barium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|---------|--------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |         |        |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 2.001 | mg/L  | 100.1 | 95      | 105    |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.009  | 0.009  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.0066 | 0.0066 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .4826 | mg/L  | 96.5  | 85      | 115    |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | .071   | .5329 | mg/L  | 92.4  | 70      | 130    |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | .071   | .5369 | mg/L  | 93.2  | 70      | 130    | 0.75 | 20    |      |

**Beryllium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |       |        |        |       |       |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05   |        | .04925 | mg/L  | 98.5  | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |       |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .0501 |        | .04688 | mg/L  | 93.6  | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .0501 | U      | .04929 | mg/L  | 98.4  | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .0501 | U      | .05039 | mg/L  | 100.6 | 70      | 130    | 2.21 | 20    |      |

**Beryllium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |       |        |        |       |       |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05   |        | .04978 | mg/L  | 99.6  | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |       |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |       |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .0501 |        | .05091 | mg/L  | 101.6 | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .0501 | U      | .05833 | mg/L  | 116.4 | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .0501 | U      | .05786 | mg/L  | 115.5 | 70       | 130     | 0.81 | 20    |      |

**Boron, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG325410</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG325410ICV     | ICV  | 06/29/12 13:07 | II120430-3 | 2     |        | 2.035 | mg/L  | 101.8 | 95    | 105   |     |       |      |
| WG325410ICB     | ICB  | 06/29/12 13:11 |            |       |        | .011  | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG325410LFB     | LFB  | 06/29/12 13:23 | II120606-2 | .5005 |        | .542  | mg/L  | 108.3 | 85    | 115   |     |       |      |
| L95330-01AS     | AS   | 06/29/12 13:51 | II120606-2 | .5005 | .01    | .56   | mg/L  | 109.9 | 85    | 115   |     |       |      |
| L95330-01ASD    | ASD  | 06/29/12 14:01 | II120606-2 | .5005 | .01    | .544  | mg/L  | 106.7 | 85    | 115   | 2.9 | 20    |      |

**Boron, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2     |        | 2.071 | mg/L  | 103.6 | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5005 |        | .51   | mg/L  | 101.9 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5005 | U      | .513  | mg/L  | 102.5 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5005 | U      | .519  | mg/L  | 103.7 | 70     | 130   | 1.16 | 20    |      |

**Wildcat Mining Corporation**  
Project ID:

ACZ Project ID: **L95330**

**Cadmium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |       |        |        |       |       |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05   |        | .05257 | mg/L  | 105.1 | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |       |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .0501 |        | .04617 | mg/L  | 92.2  | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .0501 | U      | .04732 | mg/L  | 94.5  | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .0501 | U      | .04784 | mg/L  | 95.5  | 70      | 130    | 1.09 | 20    |      |

**Cadmium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |       |        |        |       |       |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05   |        | .05136 | mg/L  | 102.7 | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |       |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |       |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .0501 |        | .0497  | mg/L  | 99.2  | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .0501 | U      | .04831 | mg/L  | 96.4  | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .0501 | U      | .04851 | mg/L  | 96.8  | 70       | 130     | 0.41 | 20    |      |

**Calcium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC      | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|---------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG325352</b> |      |                |            |         |        |       |       |       |       |       |     |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 100     |        | 99.2  | mg/L  | 99.2  | 95    | 105   |     |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |         |        | U     | mg/L  |       | -0.6  | 0.6   |     |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | 68.0137 |        | 72.83 | mg/L  | 107.1 | 85    | 115   |     |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | 68.0137 | 20.3   | 91.86 | mg/L  | 105.2 | 85    | 115   |     |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | 68.0137 | 20.3   | 94.56 | mg/L  | 109.2 | 85    | 115   | 2.9 | 20    |      |

**Chromium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 1.966 | mg/L  | 98.3  | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .529  | mg/L  | 105.8 | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | U      | .523  | mg/L  | 104.6 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | U      | .524  | mg/L  | 104.8 | 85    | 115   | 0.19 | 20    |      |

**Chromium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 2.007 | mg/L  | 100.4 | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .521  | mg/L  | 104.2 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .525  | mg/L  | 105   | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .523  | mg/L  | 104.6 | 70     | 130   | 0.38 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Cobalt, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.963 | mg/L  | 98.2  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .512  | mg/L  | 102.4 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .509  | mg/L  | 101.8 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .502  | mg/L  | 100.4 | 70     | 130   | 1.38 | 20    |      |

**Copper, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 1.989 | mg/L  | 99.5  | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .526  | mg/L  | 105.2 | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | U      | .526  | mg/L  | 105.2 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | U      | .531  | mg/L  | 106.2 | 85    | 115   | 0.95 | 20    |      |

**Copper, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.982 | mg/L  | 99.1  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | .021  | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .514  | mg/L  | 102.8 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | .01    | .527  | mg/L  | 103.4 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | .01    | .529  | mg/L  | 103.8 | 70     | 130   | 0.38 | 20    |      |

**Cyanide, Free**

D6888-04

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325862</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325862ICV     | ICV  | 07/09/12 14:24 | WI120709-5 | .3 |        | .2997 | mg/L  | 99.9  | 90     | 110   |      |       |      |
| WG325862ICB     | ICB  | 07/09/12 14:28 |            |    |        | U     | mg/L  |       | -0.005 | 0.005 |      |       |      |
| WG325862LFB1    | LFB  | 07/09/12 14:36 | WI120709-3 | .1 |        | .0991 | mg/L  | 99.1  | 90     | 110   |      |       |      |
| L95330-01AS     | AS   | 07/09/12 14:44 | WI120709-3 | .2 | U      | .203  | mg/L  | 101.5 | 90     | 110   |      |       |      |
| L95330-01ASD    | ASD  | 07/09/12 14:48 | WI120709-3 | .2 | U      | .201  | mg/L  | 100.5 | 90     | 110   | 0.99 | 20    |      |
| WG325862ICV1    | ICV  | 07/09/12 20:38 | WI120709-5 | .3 |        | .2837 | mg/L  | 94.6  | 90     | 110   |      |       |      |
| WG325862ICB1    | ICB  | 07/09/12 20:42 |            |    |        | U     | mg/L  |       | -0.005 | 0.005 |      |       |      |
| <b>WG325945</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325945ICV     | ICV  | 07/10/12 13:03 | WI120709-5 | .3 |        | .3177 | mg/L  | 105.9 | 90     | 110   |      |       |      |
| WG325945ICB     | ICB  | 07/10/12 13:07 |            |    |        | U     | mg/L  |       | -0.005 | 0.005 |      |       |      |
| WG325945LFB1    | LFB  | 07/10/12 14:18 | WI120709-3 | .1 |        | .0978 | mg/L  | 97.8  | 90     | 110   |      |       |      |
| L95330-07AS     | AS   | 07/10/12 14:26 | WI120709-3 | .2 | U      | .195  | mg/L  | 97.5  | 90     | 110   |      |       |      |
| L95330-07ASD    | ASD  | 07/10/12 14:30 | WI120709-3 | .2 | U      | .193  | mg/L  | 96.5  | 90     | 110   | 1.03 | 20    |      |
| WG325945LFB2    | LFB  | 07/10/12 16:11 | WI120709-3 | .1 |        | .0943 | mg/L  | 94.3  | 90     | 110   |      |       |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Fluoride** SM4500F-C

| ACZ ID          | Type | Analyzed       | PCN/SCN   | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-----------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG325399</b> |      |                |           |       |        |       |       |       |       |       |     |       |      |
| WG325399ICV     | ICV  | 06/29/12 9:24  | WC120628- | 2.002 |        | 1.97  | mg/L  | 98.4  | 95    | 105   |     |       |      |
| WG325399ICB     | ICB  | 06/29/12 9:31  |           |       |        | U     | mg/L  |       | -0.3  | 0.3   |     |       |      |
| <b>WG325458</b> |      |                |           |       |        |       |       |       |       |       |     |       |      |
| WG325458ICV     | ICV  | 06/29/12 16:27 | WC120628- | 2.002 |        | 1.98  | mg/L  | 98.9  | 95    | 105   |     |       |      |
| WG325458ICB     | ICB  | 06/29/12 16:36 |           |       |        | U     | mg/L  |       | -0.3  | 0.3   |     |       |      |
| WG325458LFB     | LFB  | 06/29/12 16:43 | WC120601- | 5.005 |        | 5.02  | mg/L  | 100.3 | 90    | 110   |     |       |      |
| L95327-01AS     | AS   | 06/29/12 16:57 | WC120601- | 5.005 | U      | 5.25  | mg/L  | 104.9 | 90    | 110   |     |       |      |
| L95327-01DUP    | DUP  | 06/29/12 17:01 |           |       | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |
| L95330-06AS     | AS   | 06/29/12 18:11 | WC120601- | 5.005 | U      | 5.09  | mg/L  | 101.7 | 90    | 110   |     |       |      |
| L95330-06DUP    | DUP  | 06/29/12 18:17 |           |       | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |

**Iron, dissolved** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |       |       |     |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 2.018 | mg/L  | 100.9 | 95    | 105   |     |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U     | mg/L  |       | -0.06 | 0.06  |     |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | 1  |        | 1.084 | mg/L  | 108.4 | 85    | 115   |     |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | 1  | U      | 1.057 | mg/L  | 105.7 | 85    | 115   |     |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | 1  | U      | 1.073 | mg/L  | 107.3 | 85    | 115   | 1.5 | 20    |      |

**Iron, total** M200.7 ICP

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325570</b> |      |               |            |    |        |       |       |       |        |       |      |       |      |
| WG325570ICV     | ICV  | 07/03/12 8:35 | II120430-5 | 2  |        | 1.977 | mg/L  | 98.9  | 95     | 105   |      |       |      |
| WG325570ICB     | ICB  | 07/03/12 8:41 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG325434LRB     | LRB  | 07/03/12 8:57 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |      |       |      |
| WG325434LFB     | LFB  | 07/03/12 9:00 | II120606-2 | 1  |        | 1.004 | mg/L  | 100.4 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/03/12 9:50 | II120606-2 | 1  | U      | 1.002 | mg/L  | 100.2 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/03/12 9:53 | II120606-2 | 1  | U      | 1.026 | mg/L  | 102.6 | 70     | 130   | 2.37 | 20    |      |

**Iron, total recoverable** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325404</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325404ICV     | ICV  | 06/29/12 11:17 | II120430-3 | 2  |        | 2.014 | mg/L  | 100.7 | 95     | 105   |      |       |      |
| WG325404ICB     | ICB  | 06/29/12 11:21 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG325377LRB     | LRB  | 06/29/12 11:34 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |      |       |      |
| WG325377LFB     | LFB  | 06/29/12 11:37 | II120606-2 | 1  |        | 1.007 | mg/L  | 100.7 | 85     | 115   |      |       |      |
| L95330-01LFM    | LFM  | 06/29/12 11:55 | II120606-2 | 1  | U      | 1.034 | mg/L  | 103.4 | 70     | 130   |      |       |      |
| L95330-01LFMD   | LFMD | 06/29/12 11:58 | II120606-2 | 1  | U      | 1.043 | mg/L  | 104.3 | 70     | 130   | 0.87 | 20    |      |

**Wildcat Mining Corporation**  
Project ID:

ACZ Project ID: **L95330**

**Lead, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |        |        |        |       |       |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05    |        | .05095 | mg/L  | 101.9 | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .05005 |        | .04437 | mg/L  | 88.7  | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .05005 | U      | .04448 | mg/L  | 88.9  | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .05005 | U      | .04553 | mg/L  | 91    | 70      | 130    | 2.33 | 20    |      |

**Lead, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|-----|-------|------|
| <b>WG325295</b> |      |               |            |        |        |        |       |       |          |         |     |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05    |        | .05214 | mg/L  | 104.3 | 90       | 110     |     |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |     |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |     |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .05005 |        | .04838 | mg/L  | 96.7  | 85       | 115     |     |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .05005 | U      | .04877 | mg/L  | 97.4  | 70       | 130     |     |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .05005 | U      | .04785 | mg/L  | 95.6  | 70       | 130     | 1.9 | 20    |      |

**Lithium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |     |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 2.008 | mg/L  | 100.4 | 95     | 105   |     |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |     |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |     |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | 1  |        | .972  | mg/L  | 97.2  | 85     | 115   |     |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | 1  | U      | .971  | mg/L  | 97.1  | 70     | 130   |     |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | 1  | U      | .972  | mg/L  | 97.2  | 70     | 130   | 0.1 | 20    |      |

**Magnesium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |        |        |        |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 100    |        | 101.18 | mg/L  | 101.2 | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |        |        | U      | mg/L  |       | -0.6  | 0.6   |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | 50.007 |        | 53.13  | mg/L  | 106.2 | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | 50.007 | 2.6    | 55.28  | mg/L  | 105.3 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | 50.007 | 2.6    | 56.79  | mg/L  | 108.4 | 85    | 115   | 2.69 | 20    |      |

**Manganese, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|-------|--------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |        |       |       |        |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 1.9738 | mg/L  | 98.7  | 95     | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U      | mg/L  |       | -0.015 | 0.015 |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .5269  | mg/L  | 105.4 | 85     | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | U      | .5201  | mg/L  | 104   | 85     | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | U      | .5224  | mg/L  | 104.5 | 85     | 115   | 0.44 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Manganese, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |        |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.9687 | mg/L  | 98.4  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U      | mg/L  |       | -0.015 | 0.015 |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U      | mg/L  |       | -0.011 | 0.011 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .5138  | mg/L  | 102.8 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .5238  | mg/L  | 104.8 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .522   | mg/L  | 104.4 | 70     | 130   | 0.34 | 20    |      |

**Mercury, total** M245.1 CVAA

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC      | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|---------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325583</b> |      |               |            |         |        |        |       |       |          |         |      |       |      |
| WG325583ICV     | ICV  | 07/06/12 9:33 | II120625-2 | .005025 |        | .00503 | mg/L  | 100.1 | 95       | 105     |      |       |      |
| WG325583ICB     | ICB  | 07/06/12 9:35 |            |         |        | U      | mg/L  |       | -0.0002  | 0.0002  |      |       |      |
| WG325583LRB     | LRB  | 07/06/12 9:39 |            |         |        | U      | mg/L  |       | -0.00044 | 0.00044 |      |       |      |
| WG325583LFB     | LFB  | 07/06/12 9:42 | II120705-2 | .002002 |        | .00187 | mg/L  | 93.4  | 85       | 115     |      |       |      |
| L95330-02LFM    | LFM  | 07/06/12 9:49 | II120705-2 | .002002 | U      | .0019  | mg/L  | 94.9  | 85       | 115     |      |       |      |
| L95330-02LFMD   | LFMD | 07/06/12 9:51 | II120705-2 | .002002 | U      | .00186 | mg/L  | 92.9  | 85       | 115     | 2.13 | 20    |      |

**Molybdenum, dissolved** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 2.042 | mg/L  | 102.1 | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .539  | mg/L  | 107.8 | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | U      | .526  | mg/L  | 105.2 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | U      | .54   | mg/L  | 108   | 85    | 115   | 2.63 | 20    |      |

**Molybdenum, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |     |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.995 | mg/L  | 99.8  | 95     | 105   |     |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |     |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |     |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .486  | mg/L  | 97.2  | 85     | 115   |     |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .498  | mg/L  | 99.6  | 70     | 130   |     |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .502  | mg/L  | 100.4 | 70     | 130   | 0.8 | 20    |      |

**Nickel, dissolved** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |       |        |       |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2.002 |        | 2.012 | mg/L  | 100.5 | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |       |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5    |        | .522  | mg/L  | 104.4 | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5    | U      | .521  | mg/L  | 104.2 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5    | U      | .518  | mg/L  | 103.6 | 85    | 115   | 0.58 | 20    |      |



**Wildcat Mining Corporation**

ACZ Project ID: **L95330**

Project ID:

| Nickel, total M200.7 ICP                                             |      |                |            |       |        |       |       |       |        |       |      |       |      |
|----------------------------------------------------------------------|------|----------------|------------|-------|--------|-------|-------|-------|--------|-------|------|-------|------|
| ACZ ID                                                               | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
| <b>WG325505</b>                                                      |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325505ICV                                                          | ICV  | 07/02/12 13:28 | II120430-5 | 2.002 |        | 1.965 | mg/L  | 98.2  | 95     | 105   |      |       |      |
| WG325505ICB                                                          | ICB  | 07/02/12 13:32 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB                                                          | LRB  | 07/02/12 13:48 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB                                                          | LFB  | 07/02/12 13:51 | II120606-2 | .5    |        | .505  | mg/L  | 101   | 85     | 115   |      |       |      |
| L95328-01LFM                                                         | LFM  | 07/02/12 14:40 | II120606-2 | .5    | .01    | .528  | mg/L  | 103.6 | 70     | 130   |      |       |      |
| L95328-01LFMD                                                        | LFMD | 07/02/12 14:43 | II120606-2 | .5    | .01    | .522  | mg/L  | 102.4 | 70     | 130   | 1.14 | 20    |      |
| Nitrate/Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction |      |                |            |       |        |       |       |       |        |       |      |       |      |
| ACZ ID                                                               | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
| <b>WG325210</b>                                                      |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325210ICV                                                          | ICV  | 06/26/12 22:09 | WI120405-3 | 2.416 |        | 2.408 | mg/L  | 99.7  | 90     | 110   |      |       |      |
| WG325210ICB                                                          | ICB  | 06/26/12 22:10 |            |       |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG325210LFB                                                          | LFB  | 06/26/12 22:15 | WI120211-3 | 2     |        | 2.042 | mg/L  | 102.1 | 90     | 110   |      |       |      |
| L95306-01AS                                                          | AS   | 06/26/12 22:17 | WI120211-3 | 2     | .03    | 1.992 | mg/L  | 98.1  | 90     | 110   |      |       |      |
| L95330-03AS                                                          | AS   | 06/26/12 22:34 | WI120211-3 | 2     | .12    | 2.114 | mg/L  | 99.7  | 90     | 110   |      |       |      |
| L95330-04DUP                                                         | DUP  | 06/26/12 22:36 |            |       | .12    | .117  | mg/L  |       |        |       | 2.5  | 20    | RA   |
| L95307-01DUP                                                         | DUP  | 06/26/12 22:43 |            |       | 6.66   | 6.707 | mg/L  |       |        |       | 0.7  | 20    |      |
| Nitrite as N, dissolved M353.2 - Automated Cadmium Reduction         |      |                |            |       |        |       |       |       |        |       |      |       |      |
| ACZ ID                                                               | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
| <b>WG325210</b>                                                      |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325210ICV                                                          | ICV  | 06/26/12 22:09 | WI120405-3 | .609  |        | .631  | mg/L  | 103.6 | 90     | 110   |      |       |      |
| WG325210ICB                                                          | ICB  | 06/26/12 22:10 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325210LFB                                                          | LFB  | 06/26/12 22:15 | WI120211-3 | 1     |        | 1.042 | mg/L  | 104.2 | 90     | 110   |      |       |      |
| L95306-01AS                                                          | AS   | 06/26/12 22:17 | WI120211-3 | 1     |        | 1.016 | mg/L  | 101.6 | 90     | 110   |      |       |      |
| L95307-01DUP                                                         | DUP  | 06/26/12 22:19 |            |       | U      | U     | mg/L  |       |        |       | 0    | 20    | RA   |
| L95330-03AS                                                          | AS   | 06/26/12 22:34 | WI120211-3 | 1     | U      | 1.041 | mg/L  | 104.1 | 90     | 110   |      |       |      |
| L95330-04DUP                                                         | DUP  | 06/26/12 22:36 |            |       | U      | U     | mg/L  |       |        |       | 0    | 20    | RA   |
| Nitrogen, ammonia M350.1 - Automated Phenate                         |      |                |            |       |        |       |       |       |        |       |      |       |      |
| ACZ ID                                                               | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
| <b>WG325528</b>                                                      |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325528ICV                                                          | ICV  | 07/02/12 13:19 | WI111117-1 | 1.002 |        | .996  | mg/L  | 99.4  | 90     | 110   |      |       |      |
| WG325528ICB                                                          | ICB  | 07/02/12 13:20 |            |       |        | U     | mg/L  |       | -0.15  | 0.15  |      |       |      |
| <b>WG325555</b>                                                      |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325555LFB1                                                         | LFB  | 07/02/12 16:00 | WI111101-3 | 1     |        | .997  | mg/L  | 99.7  | 90     | 110   |      |       |      |
| WG325555LFB2                                                         | LFB  | 07/02/12 16:32 | WI111101-3 | 1     |        | .98   | mg/L  | 98    | 90     | 110   |      |       |      |
| L95328-03AS                                                          | AS   | 07/02/12 16:34 | WI111101-3 | 1     | U      | .998  | mg/L  | 99.8  | 90     | 110   |      |       |      |
| L95328-04DUP                                                         | DUP  | 07/02/12 16:37 |            |       | U      | U     | mg/L  |       |        |       | 0    | 20    | RA   |

**Wildcat Mining Corporation**

ACZ Project ID: **L95330**

Project ID:

**pH (lab) SM4500H+ B**

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG325182</b> |      |                |          |    |        |       |       |       |       |       |     |       |      |
| WG325182LCSW3   | LCSW | 06/26/12 15:29 | PCN39825 | 6  |        | 5.93  | units | 98.8  | 98    | 102   |     |       |      |
| WG325182LCSW6   | LCSW | 06/26/12 17:55 | PCN39825 | 6  |        | 6.05  | units | 100.8 | 98    | 102   |     |       |      |
| WG325182LCSW9   | LCSW | 06/26/12 20:57 | PCN39825 | 6  |        | 6.06  | units | 101   | 98    | 102   |     |       |      |
| WG325182LCSW12  | LCSW | 06/26/12 23:10 | PCN39825 | 6  |        | 6.07  | units | 101.2 | 98    | 102   |     |       |      |
| L95330-03DUP    | DUP  | 06/27/12 0:39  |          |    | 8.2    | 8.26  | units |       |       |       | 0.7 | 20    |      |
| L95332-02DUP    | DUP  | 06/27/12 1:21  |          |    | 7.5    | 7.52  | units |       |       |       | 0.3 | 20    |      |
| WG325182LCSW15  | LCSW | 06/27/12 1:38  | PCN39825 | 6  |        | 6.09  | units | 101.5 | 98    | 102   |     |       |      |

**Residue, Filterable (TDS) @180C SM2540C**

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG325268</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG325268PBW     | PBW  | 06/27/12 14:56 |          |     |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG325268LCSW    | LCSW | 06/27/12 14:57 | PCN39028 | 260 |        | 252   | mg/L  | 96.9 | 80    | 120   |     |       |      |
| L95331-01DUP    | DUP  | 06/27/12 15:25 |          |     | 160    | 160   | mg/L  |      |       |       | 0   | 20    |      |

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

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG325331</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG325331PBW     | PBW  | 06/28/12 11:45 |          |     |        | U     | mg/L  |      | -15   | 15    |     |       |      |
| WG325331LCSW    | LCSW | 06/28/12 11:47 | PCN39028 | 160 |        | 147   | mg/L  | 91.9 | 80    | 120   |     |       |      |
| L95330-01DUP    | DUP  | 06/28/12 12:16 |          |     | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |
| L95342-06DUP    | DUP  | 06/28/12 12:45 |          |     | U      | 5     | mg/L  |      |       |       | 200 | 20    | RA   |

**Selenium, dissolved M200.8 ICP-MS**

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|-------|---------|--------|-----|-------|------|
| <b>WG325421</b> |      |                |            |        |        |        |       |       |         |        |     |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05    |        | .05161 | mg/L  | 103.2 | 90      | 110    |     |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |     |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .05005 |        | .04283 | mg/L  | 85.6  | 85      | 115    |     |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .05005 | .0001  | .0527  | mg/L  | 105.1 | 70      | 130    |     |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .05005 | .0001  | .05023 | mg/L  | 100.2 | 70      | 130    | 4.8 | 20    |      |

**Selenium, total M200.8 ICP-MS**

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05    |        | .05354 | mg/L  | 107.1 | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .05005 |        | .05279 | mg/L  | 105.5 | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .05005 | .0001  | .04747 | mg/L  | 94.6  | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .05005 | .0001  | .0486  | mg/L  | 96.9  | 70       | 130     | 2.35 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Silver, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual  |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|------|-------|-------|
| <b>WG325410</b> |      |                |            |       |        |       |       |       |       |       |      |       |       |
| WG325410ICV     | ICV  | 06/29/12 13:07 | II120430-3 | 1.003 |        | 1.054 | mg/L  | 105.1 | 95    | 105   |      |       |       |
| WG325410ICB     | ICB  | 06/29/12 13:11 |            |       |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |       |
| WG325410LFB     | LFB  | 06/29/12 13:23 | II120606-2 | .5    |        | .49   | mg/L  | 98    | 85    | 115   |      |       |       |
| L95330-01AS     | AS   | 06/29/12 13:51 | II120606-2 | .5    | U      | .301  | mg/L  | 60.2  | 85    | 115   |      |       | M2 ZA |
| L95330-01ASD    | ASD  | 06/29/12 14:01 | II120606-2 | .5    | U      | .294  | mg/L  | 58.8  | 85    | 115   | 2.35 | 20    | M2 ZA |

**Silver, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 1.003 |        | .999  | mg/L  | 99.6  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |       |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5    |        | .49   | mg/L  | 98    | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5    | U      | .506  | mg/L  | 101.2 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5    | U      | .503  | mg/L  | 100.6 | 70     | 130   | 0.59 | 20    |      |

**Sulfate**

D516-02 - Turbidimetric

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-----|-------|-------|-----|-------|------|
| <b>WG325803</b> |      |                |            |    |        |       |       |     |       |       |     |       |      |
| WG325803ICB     | ICB  | 07/06/12 12:54 |            |    |        | U     | mg/L  |     | -3    | 3     |     |       |      |
| WG325803ICV     | ICV  | 07/06/12 12:54 | WI120625-2 | 20 |        | 20.4  | mg/L  | 102 | 90    | 110   |     |       |      |
| WG325803LFB     | LFB  | 07/06/12 13:38 | WI120508-1 | 10 |        | 9.3   | mg/L  | 93  | 90    | 110   |     |       |      |
| L95326-04AS     | AS   | 07/06/12 13:48 | SO4TURB5   | 10 | 107    | 115.9 | mg/L  | 89  | 90    | 110   |     |       | M3   |
| L95326-03DUP    | DUP  | 07/06/12 13:57 |            |    | 330    | 332   | mg/L  |     |       |       | 0.6 | 20    |      |
| <b>WG325804</b> |      |                |            |    |        |       |       |     |       |       |     |       |      |
| WG325804ICB     | ICB  | 07/06/12 12:54 |            |    |        | U     | mg/L  |     | -3    | 3     |     |       |      |
| WG325804ICV     | ICV  | 07/06/12 12:54 | WI120625-2 | 20 |        | 20.4  | mg/L  | 102 | 90    | 110   |     |       |      |
| WG325804LFB     | LFB  | 07/06/12 14:08 | WI120508-1 | 10 |        | 9.6   | mg/L  | 96  | 90    | 110   |     |       |      |
| L95330-05DUP    | DUP  | 07/06/12 14:08 |            |    | 19     | 19.3  | mg/L  |     |       |       | 1.6 | 20    |      |
| L95330-06AS     | AS   | 07/06/12 14:39 | SO4TURB2   | 10 | 30     | 40.8  | mg/L  | 108 | 90    | 110   |     |       |      |

**Thallium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC     | Sample | Found  | Units | Rec  | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|--------|--------|--------|-------|------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |        |        |        |       |      |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05    |        | .05402 | mg/L  | 108  | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |        |        | U      | mg/L  |      | -0.0003 | 0.0003 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .05005 |        | .04707 | mg/L  | 94   | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .05005 | U      | .04715 | mg/L  | 94.2 | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .05005 | U      | .04882 | mg/L  | 97.5 | 70      | 130    | 3.48 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Thallium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05    |        | .05376 | mg/L  | 107.5 | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .05005 |        | .0497  | mg/L  | 99.3  | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .05005 | U      | .05096 | mg/L  | 101.8 | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .05005 | U      | .05026 | mg/L  | 100.4 | 70       | 130     | 1.38 | 20    |      |

**Uranium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-----|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG325421</b> |      |                |            |     |        |        |       |       |         |        |      |       |      |
| WG325421ICV     | ICV  | 06/29/12 14:56 | MS120628-1 | .05 |        | .05377 | mg/L  | 107.5 | 90      | 110    |      |       |      |
| WG325421ICB     | ICB  | 06/29/12 14:59 |            |     |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG325421LFB     | LFB  | 06/29/12 15:03 | MS120628-3 | .05 |        | .04695 | mg/L  | 93.9  | 85      | 115    |      |       |      |
| L95330-01AS     | AS   | 06/29/12 15:09 | MS120628-3 | .05 | U      | .04801 | mg/L  | 96    | 70      | 130    |      |       |      |
| L95330-01ASD    | ASD  | 06/29/12 15:12 | MS120628-3 | .05 | U      | .04849 | mg/L  | 97    | 70      | 130    | 0.99 | 20    |      |

**Uranium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG325295</b> |      |               |            |     |        |        |       |       |          |         |      |       |      |
| WG325295ICV     | ICV  | 06/28/12 2:21 | MS120604-5 | .05 |        | .05281 | mg/L  | 105.6 | 90       | 110     |      |       |      |
| WG325295ICB     | ICB  | 06/28/12 2:25 |            |     |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG325222LRB     | LRB  | 06/28/12 2:52 |            |     |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG325222LFB     | LFB  | 06/28/12 2:55 | MS120531-3 | .05 |        | .04939 | mg/L  | 98.8  | 85       | 115     |      |       |      |
| L95328-03LFM    | LFM  | 06/28/12 3:47 | MS120531-3 | .05 | .0006  | .05123 | mg/L  | 101.3 | 70       | 130     |      |       |      |
| L95328-03LFMD   | LFMD | 06/28/12 3:50 | MS120531-3 | .05 | .0006  | .05079 | mg/L  | 100.4 | 70       | 130     | 0.86 | 20    |      |

**Vanadium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |        |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.9964 | mg/L  | 99.8  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U      | mg/L  |       | -0.015 | 0.015 |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U      | mg/L  |       | -0.011 | 0.011 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .5062  | mg/L  | 101.2 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .4978  | mg/L  | 99.6  | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .4985  | mg/L  | 99.7  | 70     | 130   | 0.14 | 20    |      |

**Zinc, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG325352</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG325352ICV     | ICV  | 06/28/12 16:21 | II120430-3 | 2  |        | 2.023 | mg/L  | 101.2 | 95    | 105   |      |       |      |
| WG325352ICB     | ICB  | 06/28/12 16:27 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG325352LFB     | LFB  | 06/28/12 16:39 | II120606-2 | .5 |        | .545  | mg/L  | 109   | 85    | 115   |      |       |      |
| L95330-01AS     | AS   | 06/28/12 16:55 | II120606-2 | .5 | .01    | .539  | mg/L  | 105.8 | 85    | 115   |      |       |      |
| L95330-01ASD    | ASD  | 06/28/12 16:58 | II120606-2 | .5 | .01    | .557  | mg/L  | 109.4 | 85    | 115   | 3.28 | 20    |      |

**Wildcat Mining Corporation**  
 Project ID:

ACZ Project ID: **L95330**

**Zinc, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG325505</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG325505ICV     | ICV  | 07/02/12 13:28 | II120430-5 | 2  |        | 1.978 | mg/L  | 98.9  | 95     | 105   |      |       |      |
| WG325505ICB     | ICB  | 07/02/12 13:32 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG325434LRB     | LRB  | 07/02/12 13:48 |            |    |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG325434LFB     | LFB  | 07/02/12 13:51 | II120606-2 | .5 |        | .503  | mg/L  | 100.6 | 85     | 115   |      |       |      |
| L95328-01LFM    | LFM  | 07/02/12 14:40 | II120606-2 | .5 | U      | .516  | mg/L  | 103.2 | 70     | 130   |      |       |      |
| L95328-01LFMD   | LFMD | 07/02/12 14:43 | II120606-2 | .5 | U      | .514  | mg/L  | 102.8 | 70     | 130   | 0.39 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L95330**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                                                           |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L95330-01</b> | WG325410 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325210 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325555 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325331 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325803 | Sulfate                             | D516-02 - Turbidimetric              | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
| <b>L95330-02</b> | WG325410 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325210 | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325555 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325331 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325803 | Sulfate                             | D516-02 - Turbidimetric              | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |

**Wildcat Mining Corporation**

ACZ Project ID: **L95330**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                                                           |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L95330-03</b> | WG325410 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          |                                     |                                      | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325210 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325555 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325331 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325803 | Sulfate                             | D516-02 - Turbidimetric              | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
| <b>L95330-04</b> | WG325295 | Beryllium, total                    | M200.8 ICP-MS                        | VC   | CCV recovery was above the acceptance limits. Target analyte was not detected in the sample [< MDL].                                                                                                  |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          |                                     |                                      | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325210 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325803 | Sulfate                             | D516-02 - Turbidimetric              | M3   | The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The recovery of the associated control sample (LCS or LFB) was acceptable. |
| <b>L95330-05</b> | WG325410 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                                                             |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid.                               |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                                               |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          |                                     |                                      | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325210 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325555 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |
|                  | WG325331 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                                                   |

**Wildcat Mining Corporation**

ACZ Project ID: **L95330**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                             |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L95330-06</b> | WG325410 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                               |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
|                  | WG325862 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG325458 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          |                                     |                                      | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG325210 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG325555 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG325331 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          |                                     |                                      | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L95330-07</b> | WG325945 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  |          |                                     | D6888-04                             | HC   | Initial analysis within holding time. Reanalysis was past holding time, which was required due to a QC failure during the initial analysis.                             |



**Wildcat Mining Corporation**

ACZ Project ID: **L95330**

Wet Chemistry

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

Cyanide, Free

D6888-04

**Wildcat Mining Corporation**

ACZ Project ID: L95330

Date Received: 06/26/2012 08:57

Received By: ksj

Date Printed: 6/26/2012

**Receipt Verification**

|                                                                                                                                                                                     | YES                                 | NO                                  | NA                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                                                                                                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody or other directive shipping papers present?                                                                                                              | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?                                                                                                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4) Are any samples NRC licensable material?                                                                                                                                         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 5) If samples are received past hold time, proceed with requested short hold time analyses?                                                                                         | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody complete and accurate?<br>The date/time was entered on the COC per the information present on the sample containers for sample(s) 1 thru 3 and 5 thru 6. | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples?<br>The first two samples were lined out by client.                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |

**Samples/Containers**

|                                                                                    | YES                                 | NO                       | NA                                  |
|------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits?              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12) Is there sufficient sample volume to perform all requested work?               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

**Chain of Custody Related Remarks**

**Client Contact Remarks**

**Shipping Containers**

| Cooler Id | Temp (°C) | Rad (µR/Hr) | Custody Seal Intact? |
|-----------|-----------|-------------|----------------------|
| 2796      | 4.6       | 14          | Yes                  |

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



Laboratories, Inc. 295330

CHAIN of CUSTODY

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

## Report to:

Name: Mike Thompson  
 Company: Reardon Steel LLC  
 E-mail: mte@reardonsteel.us

Address: 18050 RD G  
 Clark CO 81301  
 Telephone: (970) 426-2724

## Copy of Report to:

Name: Terri Goar  
 Company: Wildcat Mining Corp

E-mail: terrie@pcsfpartners.com  
 Telephone: (941) 951-0787

## Invoice to:

Name: Terri Goar  
 Company: Wildcat Mining Corp  
 E-mail: terrie@pcsfpartners.com

Address: 1630 Ringling Blvd  
 Sarasota, FL 34236  
 Telephone: (941) 951-0787

If sample(s) received past holding time (HT), or if insufficient HT remains to complete analysis before expiration, shall ACZ proceed with requested short HT analyses?

YES ☒  
 NO ☐

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

Are samples for SDWA Compliance Monitoring?

Yes ☐ No ☒

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

Sampler's Name: Mike Thompson Sampler's site Information State: CO Zip code: 81307 Time Zone: MST

## PROJECT INFORMATION

Quote #: B027757 May Day SW 2012

Project/PO #:

Reporting state for compliance testing: CO

Are any samples NRC licensable material? Yes / No

SAMPLE IDENTIFICATION DATE/TIME Matrix

|                    |               |    | # of Containers | 250 ml metal, disc   | SDWA RAW CN | SDWA RAW WTL | ASD ml HAPs metals | ASD WWT Filt | ASD ml HAPs WTL |   |
|--------------------|---------------|----|-----------------|----------------------|-------------|--------------|--------------------|--------------|-----------------|---|
| DG-1-062512        | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| DG-2-062512        | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| SW-1-062512        | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| SW-2-062512        | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| Idaho sp SW 062512 | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| Idaho GW           | 6/25/12 11:52 | GW | 4               | SEE MAY DAY GW Quote |             |              |                    |              |                 |   |
| WL-062512          | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |
| Dup SW - 062512    | 6/25/12       | SW | 6               | ✓                    | ✓           | ✓            | ✓                  | ✓            | ✓               | ✓ |

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

## REMARKS

See Attached

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

| REINQUISHED BY | DATE/TIME     | RECEIVED BY | DATE/TIME    |
|----------------|---------------|-------------|--------------|
| MTE            | 06/25/12 1415 | AVE         | 6/26/12 0857 |
|                |               |             |              |
|                |               |             |              |

195330 Chain of Custody

**Kathleen King**

**From:** Karmen King [kking@aquatox.us]  
**Sent:** Tuesday, June 05, 2012 1:37 PM  
**To:** 'Tim VanWyngarden'; 'Michael W. McDonough'  
**Cc:** 'Mike Thompson'  
**Subject:** slight changes to the May Day SW quote  
**Attachments:** Revised Quote List of Analytes.xls

Hello again!

We made some errors in identifying 'fraction' to be analyzed on several of the surface water analytes. See attached tables for **THE CORRECT** surface water (SW) and ground water (GW) analytes.

The ground water quote is complete and accurate EXCEPT please remove Chloride.

The surface water quote needs the following:

1. Remove chloride
2. Aluminum should be total recoverable (not dissolved)
3. Arsenic should be total recoverable (not total)
4. Boron should be dissolved (not total)
5. Chromium should be dissolved (not total)
6. Mercury should be total (not dissolved)
7. Cyanide should be Free (not sure if that is the equivalent to weak acid dissoc.)

Does this affect the bottle order?

THANKS MUCH for all the effort.

## Karmen

$$\langle x \rangle = \int_{-\infty}^{\infty} x \psi^* \psi dx = \int_{-\infty}^{\infty} x \psi^2 dx$$

**Karmen King**  
Aquatic Toxicologist/Grayling - Proprietor  
18050 Rd G  
Cortez, CO 81321

Phone and FAX: (970) 565-0278  
Cell: (970) 409-9591

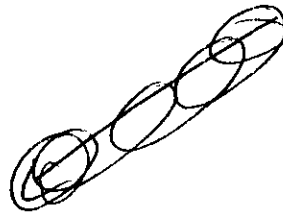
$$\langle x \rangle = \int_{-\infty}^{\infty} x |\psi(x)|^2 dx = \int_{-\infty}^{\infty} x \frac{1}{\sqrt{2\pi}} e^{-x^2/2} dx = 0$$

0

**List of Analytes for Groundwater Sampling at the May  
Day-Idaho Mine Complex as of May 31, 2012**

| Analyte              | Future ground-<br>water sampling |
|----------------------|----------------------------------|
| Aluminum, total      | ✓                                |
| Antimony, total      | ✓                                |
| Arsenic, total       | ✓                                |
| Barium, total        | ✓                                |
| Beryllium, total     | ✓                                |
| Boron, total         | ✓                                |
| Cadmium, total       | ✓                                |
| Chromium, total      | ✓                                |
| Cobalt, total        | ✓                                |
| Copper, total        | ✓                                |
| Iron, total          | ✓                                |
| Lead, total          | ✓                                |
| Lithium, total       | ✓                                |
| Manganese, total     | ✓                                |
| Mercury, total       | ✓                                |
| Molybdenum, total    | ✓                                |
| Nickel, total        | ✓                                |
| Selenium, total      | ✓                                |
| Silver, total        | ✓                                |
| Thallium, total      | ✓                                |
| Uranium, total       | ✓                                |
| Vanadium, total      | ✓                                |
| Zinc, total          | ✓                                |
| Cyanide, WAD         | ✓                                |
| Fluoride             | ✓                                |
| Nitrate as N         | ✓                                |
| Nitrate/Nitrite as N | ✓                                |
| Nitrite as N         | ✓                                |
| pH (lab)             | ✓                                |
| Sulfate              | ✓                                |
| TDS (lab)            | ✓                                |

← For Sample  
"Idaho GW"



**List of Analytes for Surface Water Sampling at the May  
Day-Idaho Mine Complex as of May 31, 2012**

| Analyte                          | Future surface<br>water sampling | MDL<br>Required<br>mg/l |
|----------------------------------|----------------------------------|-------------------------|
| Aluminum, total recoverable      | ✓                                |                         |
| Antimony, dissolved              | ✓                                |                         |
| Arsenic, dissolved               | ✓                                |                         |
| Arsenic, total recoverable       | ✓                                | 0.00002                 |
| Barium, dissolved                | ✓                                |                         |
| Beryllium, dissolved             | ✓                                |                         |
| Boron, dissolved                 | ✓                                |                         |
| Cadmium, dissolved               | ✓                                |                         |
| Chromium, dissolved              | ✓                                |                         |
| Copper, dissolved                | ✓                                |                         |
| Iron, dissolved                  | ✓                                |                         |
| Iron, total recov.               | ✓                                |                         |
| Lead, dissolved                  | ✓                                |                         |
| Lead, total                      | ✓                                |                         |
| Magnesium, dissolved             | ✓                                |                         |
| Manganese, dissolved             | ✓                                |                         |
| Mercury, total                   | ✓                                | 0.00001                 |
| Molybdenum, dissolved            | ✓                                |                         |
| Nickel, dissolved                | ✓                                |                         |
| Selenium, dissolved              | ✓                                |                         |
| Silver, dissolved                | ✓                                |                         |
| Thallium, dissolved              | ✓                                |                         |
| Uranium, dissolved               | ✓                                |                         |
| Zinc, dissolved                  | ✓                                |                         |
| Ammonia (as N)                   | ✓                                |                         |
| Alkalinity as CaCO <sub>3</sub>  | ✓                                |                         |
| Bicarbonate as CaCO <sub>3</sub> | ✓                                |                         |
| Carbonate as CaCO <sub>3</sub>   | ✓                                |                         |
| HydroVide as CaCO <sub>3</sub>   | ✓                                |                         |
| Hardness as CaCO <sub>3</sub>    | ✓                                |                         |
| Cyanide, Free                    | ✓                                |                         |
| Fluoride                         | ✓                                |                         |
| Nitrate as N                     | ✓                                |                         |
| Nitrate/Nitrite as N             | ✓                                |                         |
| Nitrite as N                     | ✓                                |                         |
| pH (lab)                         | ✓                                |                         |
| Sulfate                          | ✓                                |                         |
| TDS (lab)                        | ✓                                |                         |
| TSS                              | ✓                                |                         |

changes to quote

For Samples  
"SW-1", "SW-2",  
"WL-1", "DUP.SW"

January 11, 2013

## Report to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

## Bill to:

Torii Goar  
Wildcat Mining Corporation  
1630 Ringling Blvd.  
Sarasota, FL 34236

cc: Mike Thompson

## Project ID:

ACZ Project ID: L98547

Torii Goar:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on December 29, 2012. This project has been assigned to ACZ's project number, L98547. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L98547. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

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

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

All samples and sub-samples associated with this project will be disposed of after February 11, 2013. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical raw data reports for ten years.

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



Tony Antalek has reviewed and  
approved this report.



**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-001

ACZ Sample ID: **L98547-01**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

**Inorganic Prep**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 9:55  | las     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 11:47 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/04/13 10:27 | aeb     |

**Metals Analysis**

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 01/04/13 19:10 | aeb     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 01/10/13 7:14  | pmc     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0002  | 0.001  | 01/10/13 7:14  | pmc     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:05  | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.059  |      |    | mg/L  | 0.003   | 0.02   | 01/04/13 15:24 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/10/13 7:14  | pmc     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:24 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:14  | pmc     |
| Calcium, dissolved          | M200.7 ICP    | 27.7   |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:24 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:24 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:24 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 15:24 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 19:10 | aeb     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:14  | pmc     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:36  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.2    |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:24 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/04/13 15:24 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:19 | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/07/13 14:43 | jjc     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:24 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0003 | 01/10/13 7:14  | pmc     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 01/04/13 15:24 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:14  | pmc     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:14  | pmc     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:24 | aeb     |



**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-001

ACZ Sample ID: **L98547-01**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: *Surface Water*

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 53     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 53     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 17:27 | lhb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    |    | mg/L  | 0.1  | 0.5  | 01/04/13 13:30 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 82     |      |    | mg/L  | 1    | 7    | 01/11/13 11:46 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 01/02/13 15:00 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 12/29/12 13:00 | ljr     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.13   |      |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:46 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.13   |      | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:25 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:25 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 01/08/13 15:50 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 110    |      |    | mg/L  | 10   | 20   | 12/29/12 12:52 | ljr     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 01/02/13 13:51 | abm     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 27     |      |    | mg/L  | 5    | 25   | 01/10/13 15:01 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-002

ACZ Sample ID: **L98547-02**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 10:07 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/04/13 10:44 | aeb     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 12:00 | las     |

Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 01/04/13 19:13 | aeb     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 01/10/13 7:17  | pmc     |
| Arsenic, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/10/13 7:17  | pmc     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:08  | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.057  |      |    | mg/L  | 0.003   | 0.02   | 01/04/13 15:33 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/10/13 7:17  | pmc     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:33 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:17  | pmc     |
| Calcium, dissolved          | M200.7 ICP    | 27.2   |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:33 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:33 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:33 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 15:33 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 19:13 | aeb     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:17  | pmc     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:39  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.4    |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:33 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/04/13 15:33 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:25 | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/07/13 14:52 | jjc     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:33 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0003 | 01/10/13 7:17  | pmc     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 01/04/13 15:33 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:17  | pmc     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:17  | pmc     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:33 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-002

ACZ Sample ID: **L98547-02**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 59     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 59     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 17:35 | lhb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    |    | mg/L  | 0.1  | 0.5  | 01/04/13 13:37 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 82     |      |    | mg/L  | 1    | 7    | 01/11/13 11:46 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 01/02/13 15:04 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 12/29/12 13:01 | ljr     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.11   |      |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:46 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.11   |      | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:27 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:27 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 01/08/13 15:51 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.1    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 110    |      |    | mg/L  | 10   | 20   | 12/29/12 12:53 | ljr     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 01/02/13 13:52 | abm     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 31     |      |    | mg/L  | 1    | 5    | 01/10/13 14:38 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-003

ACZ Sample ID: **L98547-03**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 10:20 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/04/13 11:01 | aeb     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 12:12 | las     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 01/04/13 19:16 | aeb     |
| Antimony, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 01/10/13 7:20  | pmc     |
| Arsenic, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/10/13 7:20  | pmc     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0004 | B    |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:12  | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.058  |      |    | mg/L  | 0.003   | 0.02   | 01/04/13 15:36 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/10/13 7:20  | pmc     |
| Boron, dissolved            | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:36 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:20  | pmc     |
| Calcium, dissolved          | M200.7 ICP    | 26.8   |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:36 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:36 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:36 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 15:36 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 19:16 | aeb     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:20  | pmc     |
| Lead, total                 | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:42  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 3.4    |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:36 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/04/13 15:36 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:28 | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/07/13 14:55 | jjc     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:36 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0003 | 01/10/13 7:20  | pmc     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 01/04/13 15:36 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:20  | pmc     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:20  | pmc     |
| Zinc, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:36 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-003

ACZ Sample ID: **L98547-03**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

## Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 54     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 54     |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 17:54 | lhb     |
| Fluoride                                | SM4500F-C                                                          | 0.2    | B    |    | mg/L  | 0.1  | 0.5  | 01/04/13 13:41 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 81     |      |    | mg/L  | 1    | 7    | 01/11/13 11:47 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 01/02/13 15:09 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 12/29/12 13:03 | ljr     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.08   | B    |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.08   | B    | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:28 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:28 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 01/08/13 15:53 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 7.9    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 100    |      |    | mg/L  | 10   | 20   | 12/29/12 12:53 | ljr     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 01/02/13 13:53 | abm     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 30     |      |    | mg/L  | 1    | 5    | 01/10/13 14:38 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-004

ACZ Sample ID: **L98547-04**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

## Inorganic Prep

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion   | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 10:32 | las     |
| Total Recoverable Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 12:25 | las     |
| Total Recoverable Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/04/13 11:18 | aeb     |

## Metals Analysis

| Parameter                   | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-----------------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total recoverable | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 01/04/13 19:19 | aeb     |
| Antimony, dissolved         | M200.8 ICP-MS | 0.0013 | B    |    | mg/L  | 0.0004  | 0.002  | 01/10/13 7:30  | pmc     |
| Arsenic, dissolved          | M200.8 ICP-MS | 0.0013 |      |    | mg/L  | 0.0002  | 0.001  | 01/10/13 7:30  | pmc     |
| Arsenic, total recoverable  | M200.8 ICP-MS | 0.0013 |      |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:15  | msh     |
| Barium, dissolved           | M200.7 ICP    | 0.076  |      |    | mg/L  | 0.003   | 0.02   | 01/04/13 15:39 | aeb     |
| Beryllium, dissolved        | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/10/13 7:30  | pmc     |
| Boron, dissolved            | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:39 | aeb     |
| Cadmium, dissolved          | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:30  | pmc     |
| Calcium, dissolved          | M200.7 ICP    | 40.2   |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:39 | aeb     |
| Chromium, dissolved         | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:39 | aeb     |
| Copper, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:39 | aeb     |
| Iron, dissolved             | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 15:39 | aeb     |
| Iron, total recoverable     | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/04/13 19:19 | aeb     |
| Lead, dissolved             | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:30  | pmc     |
| Lead, total                 | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:45  | pmc     |
| Magnesium, dissolved        | M200.7 ICP    | 14.0   |      |    | mg/L  | 0.2     | 1      | 01/04/13 15:39 | aeb     |
| Manganese, dissolved        | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/04/13 15:39 | aeb     |
| Mercury, total              | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:30 | mfm     |
| Molybdenum, dissolved       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/07/13 14:58 | jjc     |
| Nickel, dissolved           | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:39 | aeb     |
| Selenium, dissolved         | M200.8 ICP-MS | 0.0008 |      |    | mg/L  | 0.0001  | 0.0003 | 01/10/13 7:30  | pmc     |
| Silver, dissolved           | M200.7 ICP    |        | U    | *  | mg/L  | 0.01    | 0.03   | 01/04/13 15:39 | aeb     |
| Thallium, dissolved         | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:30  | pmc     |
| Uranium, dissolved          | M200.8 ICP-MS | 0.0012 |      |    | mg/L  | 0.0001  | 0.0005 | 01/10/13 7:30  | pmc     |
| Zinc, dissolved             | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 01/04/13 15:39 | aeb     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-004

ACZ Sample ID: **L98547-04**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Surface Water

Wet Chemistry

| Parameter                               | EPA Method                                                         | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-----------------------------------------|--------------------------------------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Alkalinity as CaCO <sub>3</sub>         | SM2320B - Titration                                                |        |      |    |       |      |      |                |         |
| Bicarbonate as CaCO <sub>3</sub>        |                                                                    | 117    |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Carbonate as CaCO <sub>3</sub>          |                                                                    | 6      | B    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Hydroxide as CaCO <sub>3</sub>          |                                                                    |        | U    |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Total Alkalinity                        |                                                                    | 123    |      |    | mg/L  | 2    | 20   | 12/31/12 0:00  | abm     |
| Cyanide, Free                           | D6888-04                                                           |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 17:58 | lhb     |
| Fluoride                                | SM4500F-C                                                          |        | U    | *  | mg/L  | 0.1  | 0.5  | 01/04/13 13:55 | abm     |
| Hardness as CaCO <sub>3</sub>           | SM2340B - Calculation                                              | 158    |      |    | mg/L  | 1    | 7    | 01/11/13 11:47 | calc    |
| Lab Filtration (0.45um) & Acidification | M200.7/200.8                                                       |        |      |    |       |      |      | 01/02/13 15:13 | las     |
| Lab Filtration (glass fiber filter)     | SOPWC050                                                           |        |      |    |       |      |      | 12/29/12 13:04 | ljr     |
| Nitrate as N, dissolved                 | Calculation: NO <sub>3</sub> NO <sub>2</sub> minus NO <sub>2</sub> | 0.11   |      |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved         | M353.2 - Automated Cadmium Reduction                               | 0.11   |      | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:29 | pjb     |
| Nitrite as N, dissolved                 | M353.2 - Automated Cadmium Reduction                               |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:29 | pjb     |
| Nitrogen, ammonia                       | M350.1 - Automated Phenate                                         |        | U    | *  | mg/L  | 0.05 | 0.5  | 01/08/13 15:55 | lhb     |
| pH (lab)                                | SM4500H+ B                                                         |        |      |    |       |      |      |                |         |
| pH                                      |                                                                    | 8.4    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                          |                                                                    | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C         | SM2540C                                                            | 180    |      |    | mg/L  | 10   | 20   | 12/29/12 12:54 | ljr     |
| Residue, Non-Filterable (TSS) @105C     | SM2540D                                                            |        | U    | *  | mg/L  | 5    | 20   | 01/02/13 13:53 | abm     |
| Sulfate                                 | D516-02 - Turbidimetric                                            | 38     |      |    | mg/L  | 1    | 5    | 01/10/13 14:38 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-005

ACZ Sample ID: **L98547-05**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 10:45 | las     |
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/07/13 16:51 | jic     |

Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.03    | 0.2    | 01/08/13 12:37 | jic     |
| Antimony, total   | M200.8 ICP-MS | 0.0011 | B    |    | mg/L  | 0.0004  | 0.002  | 01/04/13 1:49  | pmc     |
| Arsenic, total    | M200.8 ICP-MS | 0.0015 |      |    | mg/L  | 0.0002  | 0.001  | 01/04/13 1:49  | pmc     |
| Barium, total     | M200.7 ICP    | 0.079  |      |    | mg/L  | 0.003   | 0.02   | 01/08/13 12:37 | jic     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/04/13 1:49  | pmc     |
| Boron, total      | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:49  | pmc     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Iron, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.05   | 01/08/13 12:37 | jic     |
| Lead, total       | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:49  | pmc     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 01/08/13 12:37 | jic     |
| Manganese, total  | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:37 | jic     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:32 | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Nickel, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |
| Selenium, total   | M200.8 ICP-MS | 0.0006 |      |    | mg/L  | 0.0001  | 0.0003 | 01/04/13 1:49  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 01/08/13 12:37 | jic     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:49  | pmc     |
| Uranium, total    | M200.8 ICP-MS | 0.0012 |      |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:49  | pmc     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:37 | jic     |
| Zinc, total       | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:37 | jic     |



**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-005

ACZ Sample ID: **L98547-05**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04                             |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 18:02 | lhb     |
| Fluoride                            | SM4500F-C                            |        | U    | *  | mg/L  | 0.1  | 0.5  | 01/04/13 14:06 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 12/29/12 13:05 | ljr     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        | 0.12   |      |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | 0.12   |      | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:33 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:33 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.4    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                      |                                      | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 180    |      |    | mg/L  | 10   | 20   | 12/29/12 12:55 | ljr     |
| Sulfate                             | D516-02 - Turbidimetric              | 38     |      |    | mg/L  | 1    | 5    | 01/10/13 14:38 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-006

ACZ Sample ID: **L98547-06**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/07/13 17:03 | jjc     |
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 10:57 | las     |

Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    | 0.04   | B    |    | mg/L  | 0.03    | 0.2    | 01/08/13 12:40 | jjc     |
| Antimony, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 01/04/13 1:58  | pmc     |
| Arsenic, total    | M200.8 ICP-MS | 0.0012 |      |    | mg/L  | 0.0002  | 0.001  | 01/04/13 1:58  | pmc     |
| Barium, total     | M200.7 ICP    | 0.020  | B    |    | mg/L  | 0.003   | 0.02   | 01/08/13 12:40 | jjc     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/04/13 1:58  | pmc     |
| Boron, total      | M200.7 ICP    | 0.02   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:58  | pmc     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Iron, total       | M200.7 ICP    | 0.07   |      |    | mg/L  | 0.02    | 0.05   | 01/08/13 12:40 | jjc     |
| Lead, total       | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:58  | pmc     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 01/08/13 12:40 | jjc     |
| Manganese, total  | M200.7 ICP    | 0.478  |      |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:40 | jjc     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:34 | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Nickel, total     | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |
| Selenium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0003 | 01/04/13 1:58  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 01/08/13 12:40 | jjc     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:58  | pmc     |
| Uranium, total    | M200.8 ICP-MS | 0.0009 |      |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 1:58  | pmc     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:40 | jjc     |
| Zinc, total       | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:40 | jjc     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-006

ACZ Sample ID: **L98547-06**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04                             |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 18:06 | lhb     |
| Fluoride                            | SM4500F-C                            | 0.3    | B    | *  | mg/L  | 0.1  | 0.5  | 01/04/13 14:10 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 12/29/12 13:07 | ljr     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        |        | U    |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:34 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:34 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.1    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                      |                                      | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 640    |      |    | mg/L  | 10   | 20   | 12/29/12 12:56 | ljr     |
| Sulfate                             | D516-02 - Turbidimetric              | 196    |      |    | mg/L  | 5    | 30   | 01/10/13 14:47 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-007

ACZ Sample ID: **L98547-07**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 11:35 | las     |
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/07/13 17:14 | jjc     |

Metals Analysis

| Parameter         | EPA Method    | Result  | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|---------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    | 0.04    | B    |    | mg/L  | 0.03    | 0.2    | 01/08/13 12:43 | jjc     |
| Antimony, total   | M200.8 ICP-MS |         | U    |    | mg/L  | 0.0004  | 0.002  | 01/04/13 2:07  | pmc     |
| Arsenic, total    | M200.8 ICP-MS | 0.0030  |      |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:07  | pmc     |
| Barium, total     | M200.7 ICP    | 0.062   |      |    | mg/L  | 0.003   | 0.02   | 01/08/13 12:43 | jjc     |
| Beryllium, total  | M200.8 ICP-MS | 0.00006 | B    |    | mg/L  | 0.00005 | 0.0003 | 01/04/13 2:07  | pmc     |
| Boron, total      | M200.7 ICP    | 0.08    |      |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Cadmium, total    | M200.8 ICP-MS |         | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:07  | pmc     |
| Chromium, total   | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Cobalt, total     | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Copper, total     | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Iron, total       | M200.7 ICP    | 0.05    |      |    | mg/L  | 0.02    | 0.05   | 01/08/13 12:43 | jjc     |
| Lead, total       | M200.8 ICP-MS | 0.0001  | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:07  | pmc     |
| Lithium, total    | M200.7 ICP    | 0.11    |      |    | mg/L  | 0.02    | 0.1    | 01/08/13 12:43 | jjc     |
| Manganese, total  | M200.7 ICP    | 0.057   |      |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:43 | jjc     |
| Mercury, total    | M245.1 CVAA   |         | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:36 | mfm     |
| Molybdenum, total | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Nickel, total     | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |
| Selenium, total   | M200.8 ICP-MS |         | U    |    | mg/L  | 0.0001  | 0.0003 | 01/04/13 2:07  | pmc     |
| Silver, total     | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.03   | 01/08/13 12:43 | jjc     |
| Thallium, total   | M200.8 ICP-MS |         | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:07  | pmc     |
| Uranium, total    | M200.8 ICP-MS | 0.0030  |      |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:07  | pmc     |
| Vanadium, total   | M200.7 ICP    |         | U    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:43 | jjc     |
| Zinc, total       | M200.7 ICP    |         | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:43 | jjc     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-007

ACZ Sample ID: **L98547-07**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04                             |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 18:10 | lhb     |
| Fluoride                            | SM4500F-C                            | 0.8    |      | *  | mg/L  | 0.1  | 0.5  | 01/04/13 14:13 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 12/29/12 13:08 | ljr     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        |        | U    |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:35 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:35 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.1    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                      |                                      | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 380    |      |    | mg/L  | 10   | 20   | 12/29/12 12:57 | ljr     |
| Sulfate                             | D516-02 - Turbidimetric              | 43     |      |    | mg/L  | 5    | 30   | 01/10/13 14:49 | tcd     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-008

ACZ Sample ID: **L98547-08**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

## Inorganic Prep

| Parameter                 | EPA Method    | Result | Qual | XQ | Units | MDL | PQL | Date           | Analyst |
|---------------------------|---------------|--------|------|----|-------|-----|-----|----------------|---------|
| Total Hot Plate Digestion | M200.2 ICP-MS |        |      |    |       |     |     | 01/03/13 11:47 | las     |
| Total Hot Plate Digestion | M200.2 ICP    |        |      |    |       |     |     | 01/07/13 17:26 | jjc     |

## Metals Analysis

| Parameter         | EPA Method    | Result | Qual | XQ | Units | MDL     | PQL    | Date           | Analyst |
|-------------------|---------------|--------|------|----|-------|---------|--------|----------------|---------|
| Aluminum, total   | M200.7 ICP    | 0.08   | B    |    | mg/L  | 0.03    | 0.2    | 01/08/13 12:52 | jjc     |
| Antimony, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0004  | 0.002  | 01/04/13 2:10  | pmc     |
| Arsenic, total    | M200.8 ICP-MS | 0.0007 | B    |    | mg/L  | 0.0002  | 0.001  | 01/04/13 2:10  | pmc     |
| Barium, total     | M200.7 ICP    | 0.061  |      |    | mg/L  | 0.003   | 0.02   | 01/08/13 12:52 | jjc     |
| Beryllium, total  | M200.8 ICP-MS |        | U    |    | mg/L  | 0.00005 | 0.0003 | 01/04/13 2:10  | pmc     |
| Boron, total      | M200.7 ICP    | 0.01   | B    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Cadmium, total    | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:10  | pmc     |
| Chromium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Cobalt, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Copper, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Iron, total       | M200.7 ICP    | 0.21   |      |    | mg/L  | 0.02    | 0.05   | 01/08/13 12:52 | jjc     |
| Lead, total       | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:10  | pmc     |
| Lithium, total    | M200.7 ICP    |        | U    |    | mg/L  | 0.02    | 0.1    | 01/08/13 12:52 | jjc     |
| Manganese, total  | M200.7 ICP    | 0.021  | B    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:52 | jjc     |
| Mercury, total    | M245.1 CVAA   |        | U    |    | mg/L  | 0.0002  | 0.001  | 01/03/13 15:42 | mfm     |
| Molybdenum, total | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Nickel, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |
| Selenium, total   | M200.8 ICP-MS | 0.0002 | B    |    | mg/L  | 0.0001  | 0.0003 | 01/04/13 2:10  | pmc     |
| Silver, total     | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.03   | 01/08/13 12:52 | jjc     |
| Thallium, total   | M200.8 ICP-MS |        | U    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:10  | pmc     |
| Uranium, total    | M200.8 ICP-MS | 0.0003 | B    |    | mg/L  | 0.0001  | 0.0005 | 01/04/13 2:10  | pmc     |
| Vanadium, total   | M200.7 ICP    |        | U    |    | mg/L  | 0.005   | 0.03   | 01/08/13 12:52 | jjc     |
| Zinc, total       | M200.7 ICP    |        | U    |    | mg/L  | 0.01    | 0.05   | 01/08/13 12:52 | jjc     |

**Wildcat Mining Corporation**

Project ID:

Sample ID: MD-008

ACZ Sample ID: **L98547-08**

Date Sampled: 12/28/12 00:00

Date Received: 12/29/12

Sample Matrix: Ground Water

Wet Chemistry

| Parameter                           | EPA Method                           | Result | Qual | XQ | Units | MDL  | PQL  | Date           | Analyst |
|-------------------------------------|--------------------------------------|--------|------|----|-------|------|------|----------------|---------|
| Cyanide, Free                       | D6888-04                             |        | U    | *  | mg/L  | 0.01 | 0.02 | 01/07/13 18:14 | lhb     |
| Fluoride                            | SM4500F-C                            | 0.2    | B    | *  | mg/L  | 0.1  | 0.5  | 01/04/13 14:16 | abm     |
| Lab Filtration (glass fiber filter) | SOPWC050                             |        |      |    |       |      |      | 12/29/12 13:09 | ljr     |
| Nitrate as N, dissolved             | Calculation: NO3NO2 minus NO2        | 0.11   |      |    | mg/L  | 0.02 | 0.1  | 01/11/13 11:47 | calc    |
| Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | 0.11   |      | *  | mg/L  | 0.02 | 0.1  | 12/29/12 14:36 | pjb     |
| Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction |        | U    | *  | mg/L  | 0.01 | 0.05 | 12/29/12 14:36 | pjb     |
| pH (lab)                            | SM4500H+ B                           |        |      |    |       |      |      |                |         |
| pH                                  |                                      | 8.0    | H    |    | units | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| pH measured at                      |                                      | 19.0   |      |    | C     | 0.1  | 0.1  | 12/31/12 0:00  | abm     |
| Residue, Filterable (TDS) @180C     | SM2540C                              | 110    |      |    | mg/L  | 10   | 20   | 12/29/12 12:58 | ljr     |
| Sulfate                             | D516-02 - Turbidimetric              | 31     |      |    | mg/L  | 1    | 5    | 01/10/13 14:40 | tcd     |


**Report Header Explanations**

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

**QC Sample Types**

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

**QC Sample Type Explanations**

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

**ACZ Qualifiers (Qual)**

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

**Method References**

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

**Comments**

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

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

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



Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Alkalinity as CaCO<sub>3</sub>**

SM2320B - Titration

| ACZ ID          | Type | Analyzed       | PCN/SCN   | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG336561</b> |      |                |           |     |        |       |       |      |       |       |     |       |      |
| WG336561PBW2    | PBW  | 12/31/12 16:42 |           |     |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| L98547-06DUP    | DUP  | 12/31/12 18:09 |           |     | 337    | 338   | mg/L  |      |       |       | 0.3 | 20    |      |
| WG336561LCSW8   | LCSW | 12/31/12 19:20 | WC121218- | 820 |        | 771.4 | mg/L  | 94.1 | 90    | 110   |     |       |      |

**Aluminum, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 2.057 | mg/L  | 102.9 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |       | -0.09  | 0.09  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |       | -0.066 | 0.066 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | 1  |        | 1.013 | mg/L  | 101.3 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | 1  | U      | 1.015 | mg/L  | 101.5 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | 1  | U      | 1.027 | mg/L  | 102.7 | 70     | 130   | 1.18 | 20    |      |

**Aluminum, total recoverable**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG336805</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG336805ICV     | ICV  | 01/04/13 18:33 | II121221-1 | 2  |        | 2.044 | mg/L  | 102.2 | 95     | 105   |      |       |      |
| WG336805ICB     | ICB  | 01/04/13 18:39 |            |    |        | U     | mg/L  |       | -0.09  | 0.09  |      |       |      |
| WG336740LRB     | LRB  | 01/04/13 18:51 |            |    |        | U     | mg/L  |       | -0.066 | 0.066 |      |       |      |
| WG336740LFB     | LFB  | 01/04/13 18:54 | II121231-2 | 1  |        | 1.04  | mg/L  | 104   | 85     | 115   |      |       |      |
| L98490-01LFM    | LFM  | 01/04/13 19:01 | II121231-2 | 1  | .73    | 1.878 | mg/L  | 114.8 | 70     | 130   |      |       |      |
| L98490-01LFMD   | LFMD | 01/04/13 19:04 | II121231-2 | 1  | .73    | 1.819 | mg/L  | 108.9 | 70     | 130   | 3.19 | 20    |      |

**Antimony, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |     |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .02 |        | .02034 | mg/L  | 101.7 | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |     |        | U      | mg/L  |       | -0.0012 | 0.0012 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .01 |        | .00976 | mg/L  | 97.6  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .01 | U      | .01116 | mg/L  | 111.6 | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .01 | U      | .01111 | mg/L  | 111.1 | 70      | 130    | 0.45 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .01 | U      | .00963 | mg/L  | 96.3  | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .01 | U      | .01012 | mg/L  | 101.2 | 70      | 130    | 4.96 | 20    |      |

**Antimony, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |     |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .02 |        | .0201  | mg/L  | 100.5 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |     |        | U      | mg/L  |       | -0.0012  | 0.0012  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |     |        | U      | mg/L  |       | -0.00088 | 0.00088 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .01 |        | .0107  | mg/L  | 107   | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .01 | U      | .01092 | mg/L  | 109.2 | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .01 | U      | .01106 | mg/L  | 110.6 | 70       | 130     | 1.27 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Arsenic, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05    |        | .05088 | mg/L  | 101.8 | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |        |        | U      | mg/L  |       | -0.0006 | 0.0006 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .05005 |        | .0468  | mg/L  | 93.5  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .05005 | .0027  | .05527 | mg/L  | 105   | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .05005 | .0027  | .05513 | mg/L  | 104.8 | 70      | 130    | 0.25 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .05005 | U      | .05592 | mg/L  | 111.7 | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .05005 | U      | .0582  | mg/L  | 116.3 | 70      | 130    | 4    | 20    |      |

**Arsenic, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05    |        | .05068 | mg/L  | 101.4 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |        |        | U      | mg/L  |       | -0.0006  | 0.0006  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |        |        | U      | mg/L  |       | -0.00044 | 0.00044 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .05005 |        | .05326 | mg/L  | 106.4 | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .05005 | .0012  | .05083 | mg/L  | 99.2  | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .05005 | .0012  | .05256 | mg/L  | 102.6 | 70       | 130     | 3.35 | 20    |      |

**Arsenic, total recoverable**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336752</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG336752ICV     | ICV  | 01/04/13 1:08 | MS130102-2 | .05    |        | .05074 | mg/L  | 101.5 | 90       | 110     |      |       |      |
| WG336752ICB     | ICB  | 01/04/13 1:11 |            |        |        | U      | mg/L  |       | -0.0006  | 0.0006  |      |       |      |
| WG336689LRB     | LRB  | 01/04/13 1:14 |            |        |        | U      | mg/L  |       | -0.00044 | 0.00044 |      |       |      |
| WG336689LFB     | LFB  | 01/04/13 1:18 | MS121130-3 | .05005 |        | .04943 | mg/L  | 98.8  | 85       | 115     |      |       |      |
| L98527-07LFM    | LFM  | 01/04/13 1:55 | MS121130-3 | .05005 | .0003  | .04995 | mg/L  | 99.2  | 70       | 130     |      |       |      |
| L98527-07LFMD   | LFMD | 01/04/13 1:58 | MS121130-3 | .05005 | .0003  | .0502  | mg/L  | 99.7  | 70       | 130     | 0.5  | 20    |      |
| L98548-04LFM    | LFM  | 01/04/13 2:39 | MS121130-3 | .05005 | .0013  | .05218 | mg/L  | 101.7 | 70       | 130     |      |       |      |
| L98548-04LFMD   | LFMD | 01/04/13 2:42 | MS121130-3 | .05005 | .0013  | .05252 | mg/L  | 102.3 | 70       | 130     | 0.65 | 20    |      |

**Barium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.97  | mg/L  | 98.5 | 95     | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |      | -0.009 | 0.009 |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .4771 | mg/L  | 95.4 | 85     | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | .059   | .5351 | mg/L  | 95.2 | 85     | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | .059   | .5375 | mg/L  | 95.7 | 85     | 115   | 0.45 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Barium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|------|---------|--------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |        |       |      |         |        |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.9725 | mg/L  | 98.6 | 95      | 105    |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U      | mg/L  |      | -0.009  | 0.009  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U      | mg/L  |      | -0.0066 | 0.0066 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .48    | mg/L  | 96   | 85      | 115    |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .4865  | mg/L  | 97.3 | 70      | 130    |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .4887  | mg/L  | 97.7 | 70      | 130    | 0.45 | 20    |      |

**Beryllium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG336822</b> |      |               |            |       |        |        |       |      |          |         |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05   |        | .04665 | mg/L  | 93.3 | 90       | 110     |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |       |        | U      | mg/L  |      | -0.00015 | 0.00015 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .0501 |        | .04445 | mg/L  | 88.7 | 85       | 115     |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .0501 | U      | .04664 | mg/L  | 93.1 | 70       | 130     |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .0501 | U      | .04731 | mg/L  | 94.4 | 70       | 130     | 1.43 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .0501 | U      | .04968 | mg/L  | 99.2 | 70       | 130     |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .0501 | U      | .04972 | mg/L  | 99.2 | 70       | 130     | 0.08 | 20    |      |

**Beryllium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |       |        |        |       |      |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05   |        | .04573 | mg/L  | 91.5 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |       |        | U      | mg/L  |      | -0.00015 | 0.00015 |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |       |        | U      | mg/L  |      | -0.00011 | 0.00011 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .0501 |        | .04892 | mg/L  | 97.6 | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .0501 | U      | .04801 | mg/L  | 95.8 | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .0501 | U      | .04826 | mg/L  | 96.3 | 70       | 130     | 0.52 | 20    |      |

**Boron, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG336782</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2     |        | 2.001 | mg/L  | 100.1 | 95    | 105   |     |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |       |        | U     | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5005 |        | .498  | mg/L  | 99.5  | 85    | 115   |     |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5005 | U      | .496  | mg/L  | 99.1  | 85    | 115   |     |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5005 | U      | .499  | mg/L  | 99.7  | 85    | 115   | 0.6 | 20    |      |

**Boron, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |       |        |       |       |       |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2     |        | 1.964 | mg/L  | 98.2  | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |       |        | .015  | mg/L  |       | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |       |        | U     | mg/L  |       | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5005 |        | .503  | mg/L  | 100.5 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5005 | .01    | .478  | mg/L  | 93.5  | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5005 | .01    | .474  | mg/L  | 92.7  | 70     | 130   | 0.84 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Cadmium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |       |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05   |        | .04957 | mg/L  | 99.1  | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |       |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .0501 |        | .04595 | mg/L  | 91.7  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .0501 | U      | .04699 | mg/L  | 93.8  | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .0501 | U      | .04638 | mg/L  | 92.6  | 70      | 130    | 1.31 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .0501 | U      | .04982 | mg/L  | 99.4  | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .0501 | U      | .05115 | mg/L  | 102.1 | 70      | 130    | 2.63 | 20    |      |

**Cadmium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC    | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |       |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05   |        | .04981 | mg/L  | 99.6  | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |       |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |       |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .0501 |        | .05047 | mg/L  | 100.7 | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .0501 | U      | .04907 | mg/L  | 97.9  | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .0501 | U      | .04933 | mg/L  | 98.5  | 70       | 130     | 0.53 | 20    |      |

**Calcium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |          |        |       |       |       |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 100      |        | 99.01 | mg/L  | 99    | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |          |        | U     | mg/L  |       | -0.6  | 0.6   |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | 67.97554 |        | 67.91 | mg/L  | 99.9  | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | 67.97554 | 27.7   | 95.79 | mg/L  | 100.2 | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | 67.97554 | 27.7   | 95.86 | mg/L  | 100.3 | 85    | 115   | 0.07 | 20    |      |

**Chromium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |      |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.946 | mg/L  | 97.3 | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |      | -0.03 | 0.03  |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .493  | mg/L  | 98.6 | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | U      | .492  | mg/L  | 98.4 | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | U      | .484  | mg/L  | 96.8 | 85    | 115   | 1.64 | 20    |      |

**Chromium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.926 | mg/L  | 96.3 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .485  | mg/L  | 97   | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .482  | mg/L  | 96.4 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .478  | mg/L  | 95.6 | 70     | 130   | 0.83 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Cobalt, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |       |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2.002 |        | 1.956 | mg/L  | 97.7 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |       |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |       |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5    |        | .479  | mg/L  | 95.8 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5    | U      | .479  | mg/L  | 95.8 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5    | U      | .477  | mg/L  | 95.4 | 70     | 130   | 0.42 | 20    |      |

**Copper, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |      |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.954 | mg/L  | 97.7 | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |      | -0.03 | 0.03  |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .481  | mg/L  | 96.2 | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | U      | .482  | mg/L  | 96.4 | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | U      | .483  | mg/L  | 96.6 | 85    | 115   | 0.21 | 20    |      |

**Copper, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.968 | mg/L  | 98.4 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .496  | mg/L  | 99.2 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .497  | mg/L  | 99.4 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .494  | mg/L  | 98.8 | 70     | 130   | 0.61 | 20    |      |

**Cyanide, Free**

D6888-04

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336866</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336866ICV     | ICV  | 01/07/13 13:18 | WI121227-5 | .3 |        | .2985 | mg/L  | 99.5 | 90     | 110   |      |       |      |
| WG336866ICB     | ICB  | 01/07/13 13:22 |            |    |        | U     | mg/L  |      | -0.005 | 0.005 |      |       |      |
| WG336866LFB1    | LFB  | 01/07/13 13:30 | WI121227-3 | .1 |        | .0961 | mg/L  | 96.1 | 90     | 110   |      |       |      |
| L98538-01AS     | AS   | 01/07/13 14:33 | WI121227-3 | .2 | U      | .182  | mg/L  | 91   | 90     | 110   |      |       |      |
| L98538-01ASD    | ASD  | 01/07/13 14:37 | WI121227-3 | .2 | U      | .196  | mg/L  | 98   | 90     | 110   | 7.41 | 20    |      |
| WG336866ICV1    | ICV  | 01/07/13 16:59 | WI121227-5 | .3 |        | .2901 | mg/L  | 96.7 | 90     | 110   |      |       |      |
| WG336866ICB1    | ICB  | 01/07/13 17:03 |            |    |        | U     | mg/L  |      | -0.005 | 0.005 |      |       |      |
| WG336866LFB2    | LFB  | 01/07/13 17:31 | WI121227-3 | .1 |        | .097  | mg/L  | 97   | 90     | 110   |      |       |      |
| L98547-02AS     | AS   | 01/07/13 17:39 | WI121227-3 | .2 | U      | .187  | mg/L  | 93.5 | 90     | 110   |      |       |      |
| L98547-02ASD    | ASD  | 01/07/13 17:43 | WI121227-3 | .2 | U      | .188  | mg/L  | 94   | 90     | 110   | 0.53 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Fluoride** SM4500F-C

| ACZ ID          | Type | Analyzed       | PCN/SCN   | QC    | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|-----------|-------|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG336784</b> |      |                |           |       |        |       |       |      |       |       |     |       |      |
| WG336784ICV     | ICV  | 01/04/13 10:41 | WC130102- | 2.002 |        | 2     | mg/L  | 99.9 | 95    | 105   |     |       |      |
| WG336784ICB     | ICB  | 01/04/13 10:46 |           |       |        | U     | mg/L  |      | -0.3  | 0.3   |     |       |      |
| WG336784LFB1    | LFB  | 01/04/13 10:53 | WC121017- | 5.005 |        | 4.67  | mg/L  | 93.3 | 90    | 110   |     |       |      |
| WG336784LFB2    | LFB  | 01/04/13 12:46 | WC121017- | 5.005 |        | 4.67  | mg/L  | 93.3 | 90    | 110   |     |       |      |
| L98526-03AS     | AS   | 01/04/13 12:53 | WC121017- | 5.005 | 22.7   | 27.19 | mg/L  | 89.7 | 90    | 110   |     |       |      |
| L98526-03DUP    | DUP  | 01/04/13 12:56 |           |       | 22.7   | 22.33 | mg/L  |      |       |       | 1.6 | 20    |      |
| L98547-04AS     | AS   | 01/04/13 13:58 | WC121017- | 5.005 | U      | 4.8   | mg/L  | 95.9 | 90    | 110   |     |       |      |
| L98547-04DUP    | DUP  | 01/04/13 14:02 |           |       | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |

**Iron, dissolved** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |      |       |       |     |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.986 | mg/L  | 99.3 | 95    | 105   |     |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |      | -0.06 | 0.06  |     |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | 1  |        | .978  | mg/L  | 97.8 | 85    | 115   |     |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | 1  | U      | .986  | mg/L  | 98.6 | 85    | 115   |     |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | 1  | U      | .985  | mg/L  | 98.5 | 85    | 115   | 0.1 | 20    |      |

**Iron, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |     |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.987 | mg/L  | 99.4 | 95     | 105   |     |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.06  | 0.06  |     |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.044 | 0.044 |     |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | 1  |        | .994  | mg/L  | 99.4 | 85     | 115   |     |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | 1  | U      | .993  | mg/L  | 99.3 | 70     | 130   |     |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | 1  | U      | .996  | mg/L  | 99.6 | 70     | 130   | 0.3 | 20    |      |

**Iron, total recoverable** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|------|-------|------|
| <b>WG336805</b> |      |                |            |    |        |       |       |       |        |       |      |       |      |
| WG336805ICV     | ICV  | 01/04/13 18:33 | II121221-1 | 2  |        | 1.973 | mg/L  | 98.7  | 95     | 105   |      |       |      |
| WG336805ICB     | ICB  | 01/04/13 18:39 |            |    |        | U     | mg/L  |       | -0.06  | 0.06  |      |       |      |
| WG336740LRB     | LRB  | 01/04/13 18:51 |            |    |        | U     | mg/L  |       | -0.044 | 0.044 |      |       |      |
| WG336740LFB     | LFB  | 01/04/13 18:54 | II121231-2 | 1  |        | 1.016 | mg/L  | 101.6 | 85     | 115   |      |       |      |
| L98490-01LFM    | LFM  | 01/04/13 19:01 | II121231-2 | 1  | .22    | 1.261 | mg/L  | 104.1 | 70     | 130   |      |       |      |
| L98490-01LFMD   | LFMD | 01/04/13 19:04 | II121231-2 | 1  | .22    | 1.222 | mg/L  | 100.2 | 70     | 130   | 3.14 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Lead, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05    |        | .05031 | mg/L  | 100.6 | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .05005 |        | .04659 | mg/L  | 93.1  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .05005 | .0004  | .05038 | mg/L  | 99.9  | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .05005 | .0004  | .05068 | mg/L  | 100.5 | 70      | 130    | 0.59 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .05005 | U      | .04776 | mg/L  | 95.4  | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .05005 | U      | .04921 | mg/L  | 98.3  | 70      | 130    | 2.99 | 20    |      |

**Lead, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05    |        | .05116 | mg/L  | 102.3 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .05005 |        | .0484  | mg/L  | 96.7  | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .05005 | .0003  | .04959 | mg/L  | 98.5  | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .05005 | .0003  | .05011 | mg/L  | 99.5  | 70       | 130     | 1.04 | 20    |      |

**Lithium, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|-----|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |     |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.995 | mg/L  | 99.8 | 95     | 105   |     |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.06  | 0.06  |     |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.044 | 0.044 |     |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | 1  |        | .975  | mg/L  | 97.5 | 85     | 115   |     |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | 1  | U      | .989  | mg/L  | 98.9 | 70     | 130   |     |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | 1  | U      | .994  | mg/L  | 99.4 | 70     | 130   | 0.5 | 20    |      |

**Magnesium, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC       | Sample | Found  | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----------|--------|--------|-------|-------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |          |        |        |       |       |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 100      |        | 100.83 | mg/L  | 100.8 | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |          |        | U      | mg/L  |       | -0.6  | 0.6   |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | 50.00131 |        | 49.34  | mg/L  | 98.7  | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | 50.00131 | 3.2    | 53.28  | mg/L  | 100.2 | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | 50.00131 | 3.2    | 53.27  | mg/L  | 100.1 | 85    | 115   | 0.02 | 20    |      |

**Manganese, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|------|--------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |        |       |      |        |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.9205 | mg/L  | 96   | 95     | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U      | mg/L  |      | -0.015 | 0.015 |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .4804  | mg/L  | 96.1 | 85     | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | U      | .4819  | mg/L  | 96.4 | 85     | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | U      | .4866  | mg/L  | 97.3 | 85     | 115   | 0.97 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Manganese, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |        |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.9442 | mg/L  | 97.2 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U      | mg/L  |      | -0.015 | 0.015 |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U      | mg/L  |      | -0.011 | 0.011 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .4905  | mg/L  | 98.1 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .4811  | mg/L  | 96.2 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .4832  | mg/L  | 96.6 | 70     | 130   | 0.44 | 20    |      |

**Mercury, total**

M245.1 CVAA

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC      | Sample | Found  | Units | Rec  | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|---------|--------|--------|-------|------|----------|---------|------|-------|------|
| <b>WG336694</b> |      |                |            |         |        |        |       |      |          |         |      |       |      |
| WG336694ICV     | ICV  | 01/03/13 13:47 | II121226-1 | .005025 |        | .00497 | mg/L  | 98.9 | 90       | 110     |      |       |      |
| WG336694ICB     | ICB  | 01/03/13 13:48 |            |         |        | U      | mg/L  |      | -0.0006  | 0.0006  |      |       |      |
| <b>WG336693</b> |      |                |            |         |        |        |       |      |          |         |      |       |      |
| WG336693LRB     | LRB  | 01/03/13 14:59 |            |         |        | U      | mg/L  |      | -0.00044 | 0.00044 |      |       |      |
| WG336693LFB     | LFB  | 01/03/13 15:01 | II121214-6 | .002002 |        | .00187 | mg/L  | 93.4 | 85       | 115     |      |       |      |
| L98527-03LFM    | LFM  | 01/03/13 15:10 | II121214-6 | .002002 | U      | .00181 | mg/L  | 90.4 | 85       | 115     |      |       |      |
| L98527-03LFMD   | LFMD | 01/03/13 15:12 | II121214-6 | .002002 | U      | .00179 | mg/L  | 89.4 | 85       | 115     | 1.11 | 20    |      |
| L98547-07LFM    | LFM  | 01/03/13 15:38 | II121214-6 | .002002 | U      | .00188 | mg/L  | 93.9 | 85       | 115     |      |       |      |
| L98547-07LFMD   | LFMD | 01/03/13 15:40 | II121214-6 | .002002 | U      | .00183 | mg/L  | 91.4 | 85       | 115     | 2.7  | 20    |      |

**Molybdenum, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG336856</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG336856ICV     | ICV  | 01/07/13 13:57 | II121221-1 | 2  |        | 2.063 | mg/L  | 103.2 | 95    | 105   |      |       |      |
| WG336856ICB     | ICB  | 01/07/13 14:03 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG336856LFB     | LFB  | 01/07/13 14:15 | II121231-2 | .5 |        | .509  | mg/L  | 101.8 | 85    | 115   |      |       |      |
| L10005-01AS     | AS   | 01/07/13 14:21 | II121231-2 | .5 | U      | .51   | mg/L  | 102   | 85    | 115   |      |       |      |
| L10005-01ASD    | ASD  | 01/07/13 14:24 | II121231-2 | .5 | U      | .502  | mg/L  | 100.4 | 85    | 115   | 1.58 | 20    |      |

**Molybdenum, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.983 | mg/L  | 99.2 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .489  | mg/L  | 97.8 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .48   | mg/L  | 96   | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .474  | mg/L  | 94.8 | 70     | 130   | 1.26 | 20    |      |



Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Nickel, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |      |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.944 | mg/L  | 97.2 | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |      | -0.03 | 0.03  |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .487  | mg/L  | 97.4 | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | U      | .485  | mg/L  | 97   | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | U      | .483  | mg/L  | 96.6 | 85    | 115   | 0.41 | 20    |      |

**Nickel, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower  | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|--------|-------|-----|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |       |        |       |     |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.995 | mg/L  | 99.8  | 95     | 105   |     |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |       | -0.03  | 0.03  |     |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | .011  | mg/L  |       | -0.022 | 0.022 |     |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .504  | mg/L  | 100.8 | 85     | 115   |     |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .491  | mg/L  | 98.2  | 70     | 130   |     |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .508  | mg/L  | 101.6 | 70     | 130   | 3.4 | 20    |      |

**Nitrate/Nitrite as N, dissolved**

M353.2 - Automated Cadmium Reduction

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG336529</b> |      |                |            |       |        |       |       |       |       |       |      |       |      |
| WG336529ICV     | ICV  | 12/29/12 14:17 | WI121009-1 | 2.416 |        | 2.451 | mg/L  | 101.4 | 90    | 110   |      |       |      |
| WG336529ICB     | ICB  | 12/29/12 14:18 |            |       |        | U     | mg/L  |       | -0.06 | 0.06  |      |       |      |
| WG336529LFB     | LFB  | 12/29/12 14:21 | WI120814-9 | 2     |        | 2.032 | mg/L  | 101.6 | 90    | 110   |      |       |      |
| L98543-01AS     | AS   | 12/29/12 14:24 | WI120814-9 | 2     | .03    | 2.018 | mg/L  | 99.4  | 90    | 110   |      |       |      |
| L98547-01DUP    | DUP  | 12/29/12 14:26 |            |       | .13    | .222  | mg/L  |       |       |       | 52.3 | 20    | RA   |

**Nitrite as N, dissolved**

M353.2 - Automated Cadmium Reduction

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG336529</b> |      |                |            |      |        |       |       |       |       |       |     |       |      |
| WG336529ICV     | ICV  | 12/29/12 14:17 | WI121009-1 | .609 |        | .623  | mg/L  | 102.3 | 90    | 110   |     |       |      |
| WG336529ICB     | ICB  | 12/29/12 14:18 |            |      |        | U     | mg/L  |       | -0.03 | 0.03  |     |       |      |
| WG336529LFB     | LFB  | 12/29/12 14:21 | WI120814-9 | 1    |        | 1.065 | mg/L  | 106.5 | 90    | 110   |     |       |      |
| L98543-01AS     | AS   | 12/29/12 14:24 | WI120814-9 | 1    | U      | 1.025 | mg/L  | 102.5 | 90    | 110   |     |       |      |
| L98547-01DUP    | DUP  | 12/29/12 14:26 |            |      | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |

**Nitrogen, ammonia**

M350.1 - Automated Phenate

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC    | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|-------|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG336925</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG336925ICV     | ICV  | 01/08/13 12:54 | WI121105-5 | 1.003 |        | .981  | mg/L  | 97.8  | 90    | 110   |     |       |      |
| WG336925ICB     | ICB  | 01/08/13 12:55 |            |       |        | U     | mg/L  |       | -0.15 | 0.15  |     |       |      |
| <b>WG336954</b> |      |                |            |       |        |       |       |       |       |       |     |       |      |
| WG336954LFB1    | LFB  | 01/08/13 15:19 | WI121218-3 | 1     |        | 1.011 | mg/L  | 101.1 | 90    | 110   |     |       |      |
| L10044-02AS     | AS   | 01/08/13 15:37 | WI121218-3 | 1     | .08    | 1.09  | mg/L  | 101   | 90    | 110   |     |       |      |
| L10044-03DUP    | DUP  | 01/08/13 15:39 |            |       | .22    | .227  | mg/L  |       |       |       | 3.1 | 20    | RA   |
| WG336954LFB2    | LFB  | 01/08/13 15:52 | WI121218-3 | 1     |        | .91   | mg/L  | 91    | 90    | 110   |     |       |      |
| L98547-03AS     | AS   | 01/08/13 15:54 | WI121218-3 | 1     | U      | 1.007 | mg/L  | 100.7 | 90    | 110   |     |       |      |
| L98547-04DUP    | DUP  | 01/08/13 15:56 |            |       | U      | U     | mg/L  |       |       |       | 0   | 20    | RA   |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**pH (lab)** SM4500H+ B

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG336561</b> |      |                |          |    |        |       |       |       |       |       |     |       |      |
| WG336561LCSW3   | LCSW | 12/31/12 13:11 | PCN40853 | 6  |        | 6.01  | units | 100.2 | 98    | 102   |     |       |      |
| WG336561LCSW6   | LCSW | 12/31/12 16:37 | PCN40853 | 6  |        | 6.02  | units | 100.3 | 98    | 102   |     |       |      |
| L98547-06DUP    | DUP  | 12/31/12 18:09 |          |    | 8.1    | 8.06  | units |       |       |       | 0.5 | 20    |      |
| L98548-06DUP    | DUP  | 12/31/12 19:08 |          |    | 8.1    | 8.11  | units |       |       |       | 0.1 | 20    |      |
| WG336561LCSW9   | LCSW | 12/31/12 19:23 | PCN40853 | 6  |        | 6.01  | units | 100.2 | 98    | 102   |     |       |      |

**Residue, Filterable (TDS) @180C** SM2540C

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG336526</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG336526PBW     | PBW  | 12/29/12 12:40 |          |     |        | U     | mg/L  |      | -20   | 20    |     |       |      |
| WG336526LCSW    | LCSW | 12/29/12 12:40 | PCN41145 | 260 |        | 246   | mg/L  | 94.6 | 80    | 120   |     |       |      |
| L98548-01DUP    | DUP  | 12/29/12 12:59 |          |     | 1100   | 1110  | mg/L  |      |       |       | 0.9 | 20    |      |

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

| ACZ ID          | Type | Analyzed       | PCN/SCN  | QC  | Sample | Found | Units | Rec  | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|----------|-----|--------|-------|-------|------|-------|-------|-----|-------|------|
| <b>WG336651</b> |      |                |          |     |        |       |       |      |       |       |     |       |      |
| WG336651PBW     | PBW  | 01/02/13 13:40 |          |     |        | U     | mg/L  |      | -15   | 15    |     |       |      |
| WG336651LCSW    | LCSW | 01/02/13 13:40 | PCN41145 | 160 |        | 155   | mg/L  | 96.9 | 80    | 120   |     |       |      |
| L98548-06DUP    | DUP  | 01/02/13 13:59 |          |     | U      | U     | mg/L  |      |       |       | 0   | 20    | RA   |

**Selenium, dissolved** M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05    |        | .04868 | mg/L  | 97.4  | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .05005 |        | .04624 | mg/L  | 92.4  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .05005 | .0064  | .05655 | mg/L  | 100.2 | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .05005 | .0064  | .05652 | mg/L  | 100.1 | 70      | 130    | 0.05 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .05005 | .0002  | .06094 | mg/L  | 121.4 | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .05005 | .0002  | .06201 | mg/L  | 123.5 | 70      | 130    | 1.74 | 20    |      |

**Selenium, total** M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05    |        | .0498  | mg/L  | 99.6  | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .05005 |        | .05388 | mg/L  | 107.7 | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .05005 | U      | .05054 | mg/L  | 101   | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .05005 | U      | .04941 | mg/L  | 98.7  | 70       | 130     | 2.26 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Silver, dissolved**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec  | Lower | Upper | RPD  | Limit | Qual  |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|-------|-------|------|-------|-------|
| <b>WG336782</b> |      |                |            |      |        |       |       |      |       |       |      |       |       |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | .998 |        | .973  | mg/L  | 97.5 | 95    | 105   |      |       |       |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |      |        | U     | mg/L  |      | -0.03 | 0.03  |      |       |       |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5   |        | .479  | mg/L  | 95.8 | 85    | 115   |      |       |       |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5   | U      | .344  | mg/L  | 68.8 | 85    | 115   |      |       | M2 ZA |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5   | U      | .345  | mg/L  | 69   | 85    | 115   | 0.29 | 20    | M2 ZA |

**Silver, total**

M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC   | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|------|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |      |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | .998 |        | .979  | mg/L  | 98.1 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |      |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |      |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5   |        | .493  | mg/L  | 98.6 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5   | U      | .487  | mg/L  | 97.4 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5   | U      | .492  | mg/L  | 98.4 | 70     | 130   | 1.02 | 20    |      |

**Sulfate**

D516-02 - Turbidimetric

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|-----|-------|------|
| <b>WG337100</b> |      |                |            |    |        |       |       |       |       |       |     |       |      |
| WG337100ICB     | ICB  | 01/10/13 13:18 |            |    |        | U     | mg/L  |       | -3    | 3     |     |       |      |
| WG337100ICV     | ICV  | 01/10/13 13:19 | WI121231-1 | 20 |        | 21.5  | mg/L  | 107.5 | 90    | 110   |     |       |      |
| WG337100LFB     | LFB  | 01/10/13 14:34 | WI121025-3 | 10 |        | 9.3   | mg/L  | 93    | 90    | 110   |     |       |      |
| L98492-06DUP    | DUP  | 01/10/13 14:46 |            |    | 123    | 126.5 | mg/L  |       |       |       | 2.8 | 20    |      |
| L98547-01AS     | AS   | 01/10/13 15:01 | SO4TURB5   | 10 | 27     | 36.7  | mg/L  | 97    | 90    | 110   |     |       |      |

**Thallium, dissolved**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |        |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05    |        | .05246 | mg/L  | 104.9 | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |        |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .05005 |        | .04796 | mg/L  | 95.8  | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .05005 | U      | .05168 | mg/L  | 103.3 | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .05005 | U      | .05157 | mg/L  | 103   | 70      | 130    | 0.21 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .05005 | U      | .04979 | mg/L  | 99.5  | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .05005 | U      | .0509  | mg/L  | 101.7 | 70      | 130    | 2.2  | 20    |      |

**Thallium, total**

M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC     | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|--------|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |        |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05    |        | .05328 | mg/L  | 106.6 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |        |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |        |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .05005 |        | .04963 | mg/L  | 99.2  | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .05005 | U      | .0515  | mg/L  | 102.9 | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .05005 | U      | .0519  | mg/L  | 103.7 | 70       | 130     | 0.77 | 20    |      |

Wildcat Mining Corporation

ACZ Project ID: **L98547**

**Uranium, dissolved** M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower   | Upper  | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|-------|---------|--------|------|-------|------|
| <b>WG336822</b> |      |               |            |     |        |        |       |       |         |        |      |       |      |
| WG336822ICV     | ICV  | 01/10/13 6:27 | MS130102-2 | .05 |        | .05154 | mg/L  | 103.1 | 90      | 110    |      |       |      |
| WG336822ICB     | ICB  | 01/10/13 6:30 |            |     |        | U      | mg/L  |       | -0.0003 | 0.0003 |      |       |      |
| WG336822LFB     | LFB  | 01/10/13 6:33 | MS121130-3 | .05 |        | .04802 | mg/L  | 96    | 85      | 115    |      |       |      |
| L98488-01AS     | AS   | 01/10/13 6:46 | MS121130-3 | .05 | 1.09   | 1.132  | mg/L  | 84    | 70      | 130    |      |       |      |
| L98488-01ASD    | ASD  | 01/10/13 6:49 | MS121130-3 | .05 | 1.09   | 1.137  | mg/L  | 94    | 70      | 130    | 0.44 | 20    |      |
| L98547-03AS     | AS   | 01/10/13 7:24 | MS121130-3 | .05 | .0002  | .04919 | mg/L  | 98    | 70      | 130    |      |       |      |
| L98547-03ASD    | ASD  | 01/10/13 7:27 | MS121130-3 | .05 | .0002  | .05078 | mg/L  | 101.2 | 70      | 130    | 3.18 | 20    |      |

**Uranium, total** M200.8 ICP-MS

| ACZ ID          | Type | Analyzed      | PCN/SCN    | QC  | Sample | Found  | Units | Rec   | Lower    | Upper   | RPD  | Limit | Qual |
|-----------------|------|---------------|------------|-----|--------|--------|-------|-------|----------|---------|------|-------|------|
| <b>WG336761</b> |      |               |            |     |        |        |       |       |          |         |      |       |      |
| WG336761ICV     | ICV  | 01/04/13 1:17 | MS130102-2 | .05 |        | .05223 | mg/L  | 104.5 | 90       | 110     |      |       |      |
| WG336761ICB     | ICB  | 01/04/13 1:20 |            |     |        | U      | mg/L  |       | -0.0003  | 0.0003  |      |       |      |
| WG336688LRB     | LRB  | 01/04/13 1:23 |            |     |        | U      | mg/L  |       | -0.00022 | 0.00022 |      |       |      |
| WG336688LFB     | LFB  | 01/04/13 1:26 | MS121130-3 | .05 |        | .04948 | mg/L  | 99    | 85       | 115     |      |       |      |
| L98547-06LFM    | LFM  | 01/04/13 2:01 | MS121130-3 | .05 | .0009  | .05357 | mg/L  | 105.3 | 70       | 130     |      |       |      |
| L98547-06LFMD   | LFMD | 01/04/13 2:04 | MS121130-3 | .05 | .0009  | .0547  | mg/L  | 107.6 | 70       | 130     | 2.09 | 20    |      |

**Vanadium, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found  | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|--------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |        |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.9955 | mg/L  | 99.8 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U      | mg/L  |      | -0.015 | 0.015 |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U      | mg/L  |      | -0.011 | 0.011 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .4929  | mg/L  | 98.6 | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .4915  | mg/L  | 98.3 | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .4919  | mg/L  | 98.4 | 70     | 130   | 0.08 | 20    |      |

**Zinc, dissolved** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec   | Lower | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|-------|-------|-------|------|-------|------|
| <b>WG336782</b> |      |                |            |    |        |       |       |       |       |       |      |       |      |
| WG336782ICV     | ICV  | 01/04/13 14:19 | II121221-1 | 2  |        | 1.959 | mg/L  | 98    | 95    | 105   |      |       |      |
| WG336782ICB     | ICB  | 01/04/13 14:25 |            |    |        | U     | mg/L  |       | -0.03 | 0.03  |      |       |      |
| WG336782LFB     | LFB  | 01/04/13 14:37 | II121231-2 | .5 |        | .492  | mg/L  | 98.4  | 85    | 115   |      |       |      |
| L98547-01AS     | AS   | 01/04/13 15:27 | II121231-2 | .5 | U      | .494  | mg/L  | 98.8  | 85    | 115   |      |       |      |
| L98547-01ASD    | ASD  | 01/04/13 15:30 | II121231-2 | .5 | U      | .502  | mg/L  | 100.4 | 85    | 115   | 1.61 | 20    |      |

**Zinc, total** M200.7 ICP

| ACZ ID          | Type | Analyzed       | PCN/SCN    | QC | Sample | Found | Units | Rec  | Lower  | Upper | RPD  | Limit | Qual |
|-----------------|------|----------------|------------|----|--------|-------|-------|------|--------|-------|------|-------|------|
| <b>WG336911</b> |      |                |            |    |        |       |       |      |        |       |      |       |      |
| WG336911ICV     | ICV  | 01/08/13 11:18 | II121228-1 | 2  |        | 1.941 | mg/L  | 97.1 | 95     | 105   |      |       |      |
| WG336911ICB     | ICB  | 01/08/13 11:25 |            |    |        | U     | mg/L  |      | -0.03  | 0.03  |      |       |      |
| WG336873LRB     | LRB  | 01/08/13 11:37 |            |    |        | U     | mg/L  |      | -0.022 | 0.022 |      |       |      |
| WG336873LFB     | LFB  | 01/08/13 11:40 | II121231-2 | .5 |        | .49   | mg/L  | 98   | 85     | 115   |      |       |      |
| L98551-03LFM    | LFM  | 01/08/13 13:05 | II121231-2 | .5 | U      | .49   | mg/L  | 98   | 70     | 130   |      |       |      |
| L98551-03LFMD   | LFMD | 01/08/13 13:08 | II121231-2 | .5 | U      | .493  | mg/L  | 98.6 | 70     | 130   | 0.61 | 20    |      |

**Wildcat Mining Corporation**

ACZ Project ID: **L98547**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                             |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L98547-01</b> | WG336782 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                               |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
|                  | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336954 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L98547-02</b> | WG336782 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                               |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
|                  | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336954 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L98547-03</b> | WG336782 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                               |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
|                  | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336954 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |

**Wildcat Mining Corporation**

ACZ Project ID: **L98547**

| ACZ ID           | WORKNUM  | PARAMETER                           | METHOD                               | QUAL | DESCRIPTION                                                                                                                                                             |
|------------------|----------|-------------------------------------|--------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L98547-04</b> | WG336782 | Silver, dissolved                   | M200.7 ICP                           | M2   | Matrix spike recovery was low, the recovery of the associated control sample (LCS or LFB) was acceptable.                                                               |
|                  |          |                                     | M200.7 ICP                           | ZA   | Poor recovery for Silver quality control is accepted due to low Silver solubility in samples, digestates, or extracts that do not contain sufficient Hydrochloric acid. |
|                  | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336784 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336954 | Nitrogen, ammonia                   | M350.1 - Automated Phenate           | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336651 | Residue, Non-Filterable (TSS) @105C | SM2540D                              | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  |          |                                     | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L98547-05</b> | WG336784 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          |                                     |                                      |      |                                                                                                                                                                         |
| <b>L98547-06</b> | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336784 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L98547-07</b> | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336784 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
| <b>L98547-08</b> | WG336866 | Cyanide, Free                       | D6888-04                             | D1   | Sample required dilution due to matrix.                                                                                                                                 |
|                  | WG336784 | Fluoride                            | SM4500F-C                            | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  | WG336529 | Nitrate/Nitrite as N, dissolved     | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |
|                  |          | Nitrite as N, dissolved             | M353.2 - Automated Cadmium Reduction | RA   | Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).                     |

**Wildcat Mining Corporation**

ACZ Project ID: **L98547**

Wet Chemistry

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

Cyanide, Free

D6888-04

**Wildcat Mining Corporation**

ACZ Project ID: L98547

Date Received: 12/29/2012 10:40

Received By: gac

Date Printed: 12/31/2012

**Receipt Verification**

|                                                                                             | YES                                 | NO                                  | NA                                  |
|---------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1) Is a foreign soil permit included for applicable samples?                                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 2) Is the Chain of Custody or other directive shipping papers present?                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 3) Does this project require special handling procedures such as CLP protocol?              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4) Are any samples NRC licensable material?                                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 6) Is the Chain of Custody complete and accurate?                                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples?        | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**Samples/Containers**

|                                                                                    | YES                                 | NO                       | NA                                  |
|------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 8) Are all containers intact and with no leaks?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 9) Are all labels on containers and are they intact and legible?                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 10) Do the sample labels and Chain of Custody match for Sample ID, Date, and Time? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 11) For preserved bottle types, was the pH checked and within limits?              | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 12) Is there sufficient sample volume to perform all requested work?               | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 13) Is the custody seal intact on all containers?                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14) Are samples that require zero headspace acceptable?                            | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15) Are all sample containers appropriate for analytical requirements?             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| 16) Is there an Hg-1631 trip blank present?                                        | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17) Is there a VOA trip blank present?                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18) Were all samples received within hold time?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

**Chain of Custody Related Remarks**

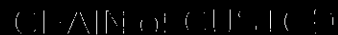
**Client Contact Remarks**

**Shipping Containers**

| Cooler Id | Temp (°C) | Rad (µR/Hr) | Custody Seal Intact? |
|-----------|-----------|-------------|----------------------|
| 3451      | 2.5       | 15          | Yes                  |

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

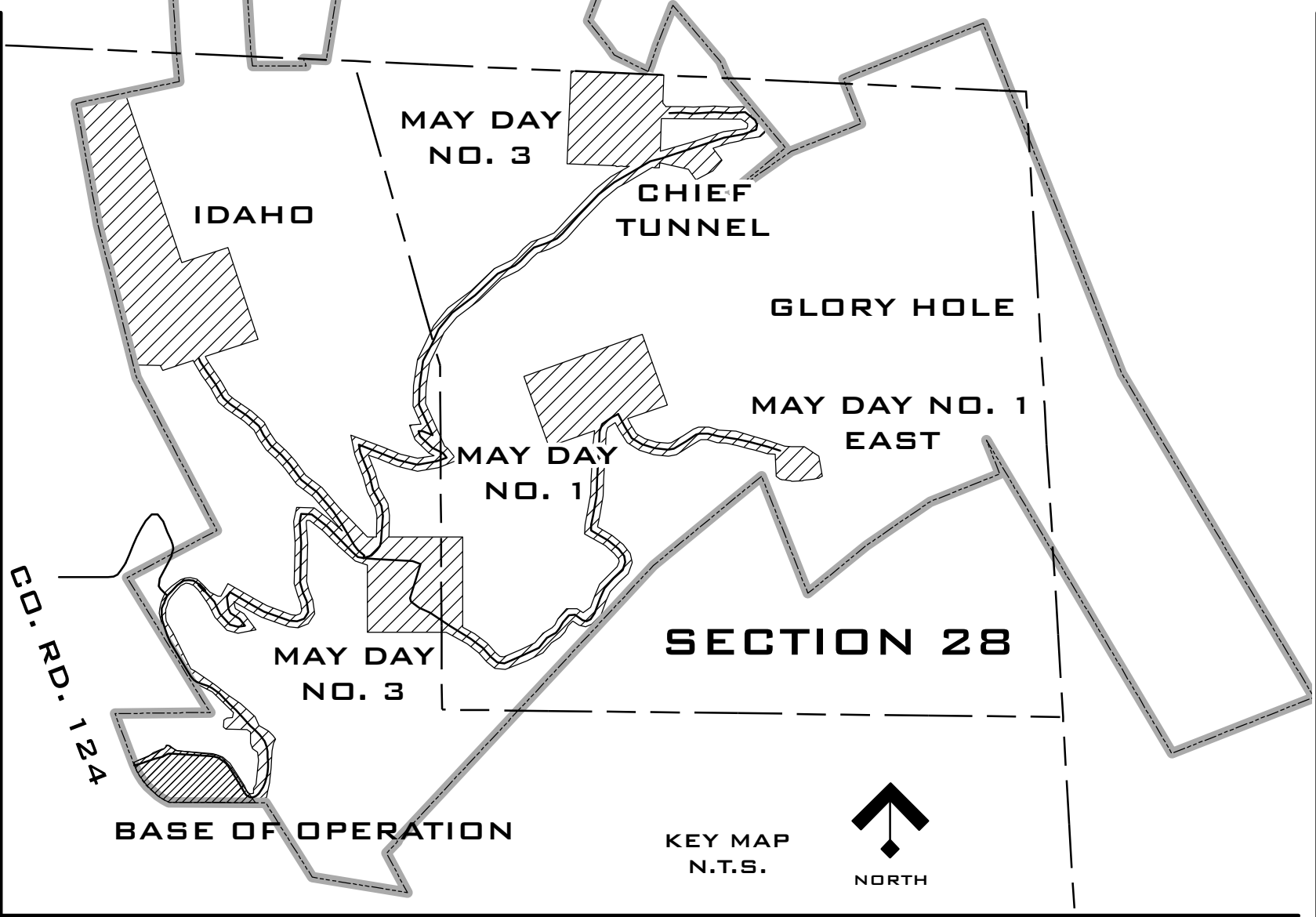
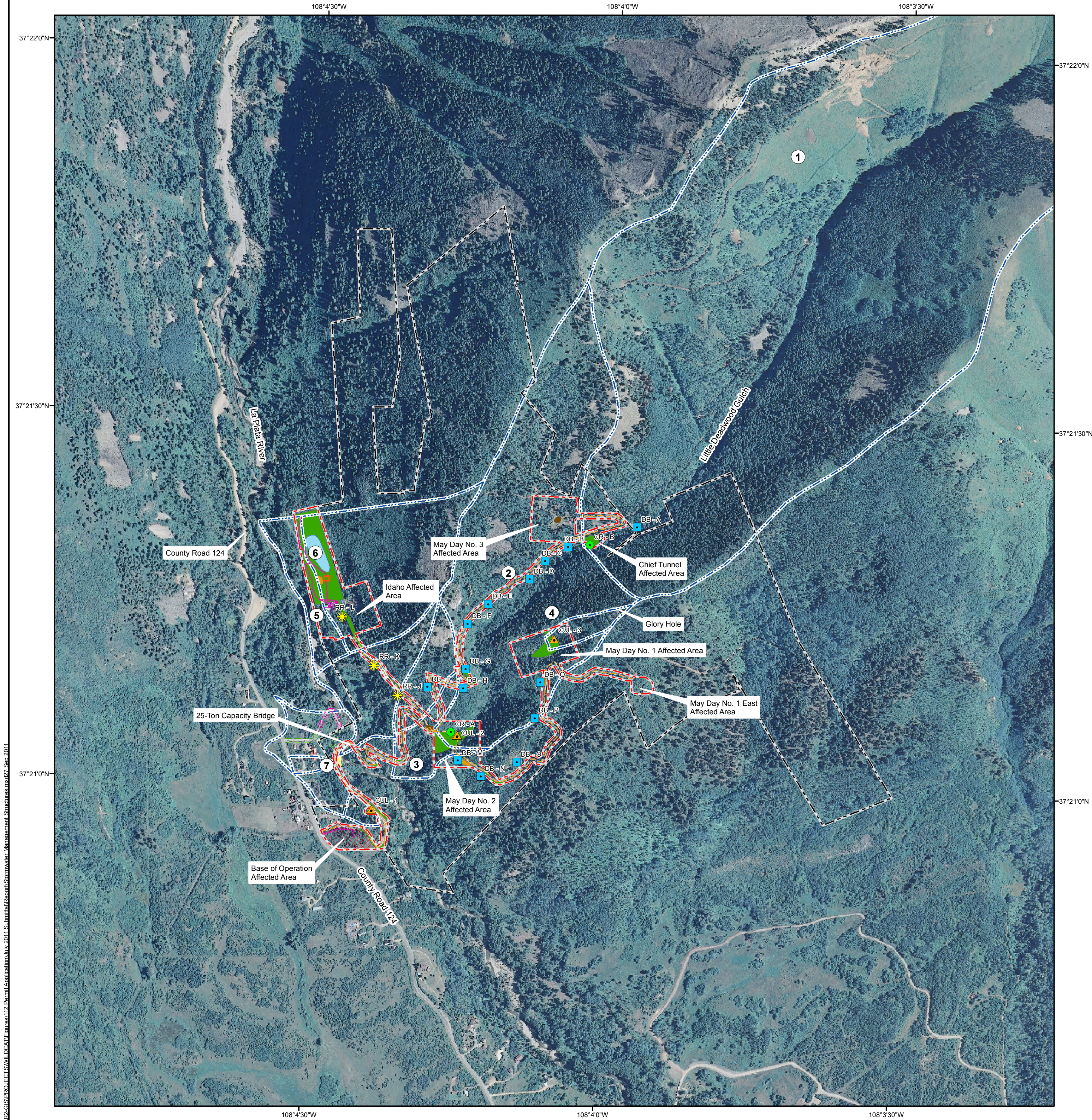






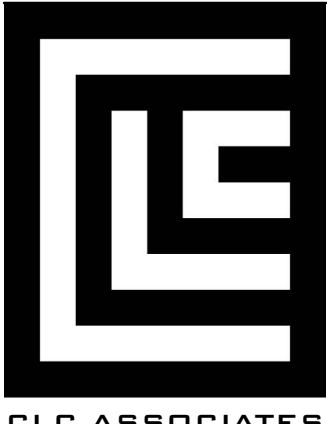
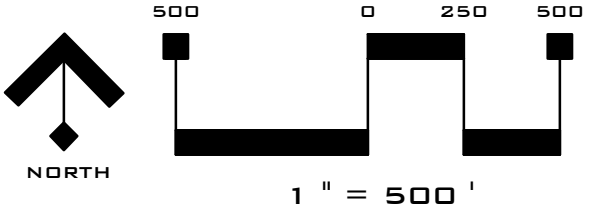
# WILDCAT MINING CORPORATION

LOCATED IN SECTION 21 AND SECTION 28  
T. 36 N., R. 11 W., N.M.P.M.  
LA PLATA COUNTY, STATE OF COLORADO



## Description of Symbols

- |                              |                                                                      |
|------------------------------|----------------------------------------------------------------------|
| Affected Area                | Access Road                                                          |
| Permit Boundary              | Private Access Subject to Obtaining USFS Special Use Permit Approval |
| Base of Operation            | USFS- Special Use Permit- Access Permit                              |
| Drainage Basin Delineation   | Proposed Utility                                                     |
| Water Storage                | Idaho Spring                                                         |
| Lamb Disposal Area           |                                                                      |
| Maintenance and Core Storage |                                                                      |
| Snow Storage Area            |                                                                      |
| Surface Ore Stockpile        |                                                                      |
| Surface Water Diversion      |                                                                      |
| To be Seeded                 |                                                                      |
| Construction Lay Down Area   |                                                                      |
| CR Channel Restoration       |                                                                      |
| CUL Culvert                  |                                                                      |
| DB Debris Basin              |                                                                      |
| RR Rip Rap                   |                                                                      |
- ① Upper Deadwood Gulch- 311 Acres (Above Chief Reclamation)
  - ② Middle Deadwood Gulch- 77 Acres (388 acres above No.2 Channel Reclamation)
  - ③ Lower Deadwood Gulch- 12 Acres
  - ④ Mayday No.1- Above Bench- 2.4 Acres
  - ⑤ Mayday No.1 Bench- 0.5 Acres
  - ⑥ Idaho Augmentation Pond Diversion- 1 Acre
  - ⑦ Access Road Ditch- 3.5 Acres
- Culvert #1- 3.5 Acres (New Access Road)
- Culvert #2- 388 Acres (Mayday No.2 Bench)
- Culvert #3- 1.5 Acres (Above Mayday No.1 Portal)



**CLC ASSOCIATES**  
8480 E. ORCHARD RD.  
SUITE 2000  
GREENWOOD VILLAGE  
COLORADO 80111  
P 303 770 5600  
F 303 770 2349  
CLCASSOC.COM  
ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING



**R Squared Inc.**  
Environmental and  
Engineering Services  
5555 DTC Parkway, Suite A-4000  
Greenwood Village, Colorado 80111  
Office: (303) 832-7664  
Fax: (303) 832-7469

## STORMWATER MANAGEMENT STRUCTURES

WILDCAT MINING CORPORATION  
5555 DTC PARKWAY  
SUITE A-4000  
GREENWOOD VILLAGE, CO 80111

PREPARED BY: CGR  
REVIEWED BY: GMLR  
CREATION DATE: 9-23-2011

FIGURE SWMP-1