



Varca Ventures, Inc. aka Wildcat Mining Corporation

George M.L. Robinson- President
3926 North State Hwy 67
Sedalia, Colorado, 80135
Phone: 303.832.7664

RECEIVED

APR 06 2015

DIVISION OF RECLAMATION
MINING AND SAFETY

Ms. Virginia Brannnon
Division Director
Colorado Division of Reclamation Mining and Safety
Department of Natural Resources
1313 Sherman Street, Suite 215
Denver, Colorado 80203

**RE: Mining Operation May Day Idaho Mine Complex: Permit No. M-1981-185
Reason to Believe a Violation Exists and Notice of Board Hearing**

Dear Ms. Brannon:

Wildcat Mining Corporation received the Division's letter yesterday alleging that we are in violation of C.R.S 34-32-116(3), C.R.S. 34-32-116(4) and Permit No M-1981-185 which requires Wildcat to submit annual reports and associated permit fees. Wildcat Mining Corporation submitted the 2013 and 2014 annual reports (see attached documents) and we have requested our former CFO and our current book keeper to determine if the associated 2013 and 2014 permit fees were submitted.

We will be attending the April 29, 2015 Board Meeting as summarized in your letter to resolve this potential issue.

Sincerely,

George M.L. Robinson
President

Attachment

2013-Annual Report
2014-Annual Report

Cc Tony Waldron, DRMS w/o attachments
Russ Means, GJFO w/o attachments
Dustin Czapala, GJFO w/o attachments
Jeff Fugate-AGO w/o attachments
Christopher Neumann, Greenberg Traurig

The first part of the paper discusses the importance of the research and the objectives of the study. It then presents a literature review of the existing research on the topic. The methodology section describes the research design and the data collection process. The results section presents the findings of the study, and the conclusion section summarizes the main findings and provides recommendations for future research.

The study was conducted in a laboratory setting, and the data were collected using a series of experiments. The results of the experiments were analyzed using statistical methods, and the findings were compared with the results of previous studies. The study found that the research objectives were achieved, and the results were consistent with the findings of previous research.

The study has several limitations, and there are some areas for future research. The study was conducted in a laboratory setting, and the results may not be generalizable to real-world situations. Future research should focus on conducting field studies to test the results of the study in a more realistic setting.

In conclusion, the study has provided valuable insights into the research topic, and the findings are consistent with the findings of previous research. The study has identified several limitations, and there are some areas for future research. The study has provided a solid foundation for future research, and the findings are expected to be useful to researchers and practitioners alike.

Wildcat Mining Corporation

3926 North State Hwy 67

Sedalia, Colorado 80135

303.832.7664

November 1, 2013

Department of Natural Resources
Division of Reclamation, Mining and Safety
1313 Sherman Street
Denver, Colorado 80102

Re: Wildcat Mining Corporation-2013 Annual Report

To Whom it May Concern

Please find enclosed Wildcat Mining Corporation's 2012-13 annual report. The report includes the completed forms plus a CD containing water quality data and supporting maps.

If there are any questions or comments please call me at the above number or my cell phone which is 720.641.2534.

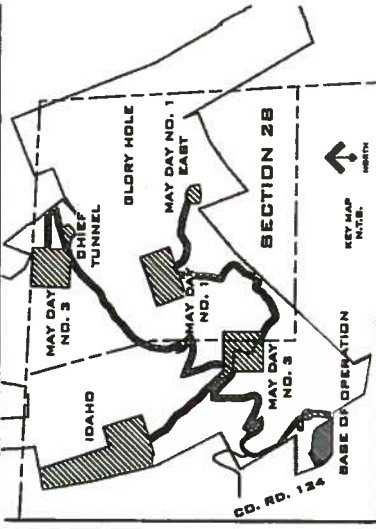
Sincerely,

George M.L. Robinson

President

georgerobinson@r2incorporated.com.

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
- Permit Boundary
- Base of Operation
- Drainage Basin Delineation
- Water Storage
- 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
- Access Road
- Private Access Subject to Obtaining USFS Special Use Permit Approval
- USFS- Special Use Permit- Access Permit
- Proposed Utility
- Idaho Spring
- Upper Deadwood Gulch- 311 Acres (Above Chief Reclamation)
- Middle Deadwood Gulch- 77 Acres (388 acres above No.2 Channel Reclamation)
- Lower Deadwood Gulch- 12 Acres
- Mayday No. 1- Above Bench- 2.4 Acres
- Mayday No. 1 Bench- 0.5 Acres
- Idaho Augmentation Pond Diversion- 1 Acre
- 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)



R Squared Inc.
 Environmental and
 Engineering Services
 3050 W. 10th Avenue, Suite 100
 Greenwood Village, Colorado 80111
 Phone: (303) 751-1111
 Fax: (303) 751-1111

ELD ASSOCIATES
 Environmental and
 Engineering Services
 3050 W. 10th Avenue, Suite 100
 Greenwood Village, Colorado 80111
 Phone: (303) 751-1111
 Fax: (303) 751-1111

**STORMWATER MANAGEMEN
 STRUCTURES**
 WILDCAT MINING CORPORATION
 8888 DTD PARKWAY
 SUITE A-4000
 GREENWOOD VILLAGE, CO 80111

PREPARED BY: ELD
 REVIEWED BY: ELD
 CREATION DATE: 9-23-88

FIGURE SWMP

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215

Denver, Colorado 80203

Phone: (303) 866-3567

FAX: (303) 832-8106



August 1, 2013

George M.L. Robinson
Wildcat Mining Corporation
3926 North State Highway 67
Sedalia, Colorado 80135

John W. Hickenlooper
Governor

Mike King
Executive Director

Loretta E. Pineda
Director

May Day Idaho Mine Complex, Permit M-1981-185, Annual Fee Invoice and Report Request

PLEASE READ CAREFULLY – ACTION REQUIRED

Please attach your COMPLETED written Annual Report and Annual Report Map to this form

Under the terms of your NOI or Reclamation Permit and Colorado Statutes, you must submit Annual Fees and Annual Reports (including a map). You must pay the Annual Fee and submit an Annual Report each year until reclamation responsibility release is granted. The Annual Fee is not a renewal fee. The Fee and Report are for LAST YEAR'S mining and reclamation season, and MUST be paid even if your operation was inactive.

The Annual Report and Fee requirement will be considered submitted when we have received the following components:

1. **APPROPRIATE ANNUAL FEE**
2. **COMPLETED ANNUAL REPORT**
3. **ASSOCIATED MAP as required by rule**

If you have requested reclamation responsibility release from the Division of Reclamation, Mining and Safety (the "Division") but your permit is not released by the anniversary date listed below, the Annual Fee MUST be paid. If the permit is released before the anniversary date, then by Statute, it is not necessary to pay an Annual Fee or submit an Annual Report for that year.

Division records indicate the \$1,150.00 fee is due for the following:

Permit:	M-1981-185
Operation Name:	May Day Idaho Mine Complex
Anniversary Date:	September 5, 2013
Total Fee Due:	\$1,150.00 (Due on or before your Anniversary Date)

Return the enclosed Annual Report FORM, a MAP, and a CHECK or MONEY ORDER made payable to: Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. If your records indicate these documents and fees have already been submitted, please notify the Division.

If you have additional comments and/or information that should be provided to the Division, please provide it below or attach it to this form along with your written report and map. Annual Report instructions are enclosed. If you have any questions, please feel free to contact Jim Dupler (303)866-3567 x8119 or Christine Brookshire (303)866-3567 x8132. Thank you for your cooperation in this matter.

IF THE ANNUAL FEE SUBMITTALS ARE NOT RECEIVED ON OR BEFORE YOUR ANNIVERSARY DATE, THE ENFORCEMENT PROCESS WILL AUTOMATICALLY BE INITIATED. ENFORCEMENT ACTIONS MAY RESULT IN CIVIL PENALTIES AND/OR REVOCATION OF YOUR PERMIT.

112d-1 Annual Report

Permittee Name:	Wildcat Mining Corporation	Permit Number:	M-1981-185
Operation Name:	May Day Idaho Mine Complex	County:	La Plata
Annual Fee Due:	\$1,150.00	Anniversary Date:	September 5, 2013
Permit Acreage:	274.70	Current Bond Amt:	\$204,562.00

According to C.R.S. 34-32.5-116 or 34-32-116, each year, on the anniversary date of the permit, an operator shall submit the Annual Fee, an Annual Report and Map showing the extent of current disturbances to affected land, required monitoring information, reclamation accomplished to date and during the preceding year, any new disturbance that is anticipated to occur during the upcoming year, any reclamation that will be performed during the upcoming year, the dates for the beginning of active operations, and the date active operations ceased for the year.

Information contained in this report will be reviewed by the Division upon receipt and prior to the next compliance inspection of the site. If, while completing this report, you learn that your site is not in compliance with the rules and the act, it is advisable that the issues be rectified promptly to avoid possible enforcement action.

1. Is the site identification sign posted in accordance with Rule 3.1.12(1). YES NO
2. Is the affected area boundary clearly marked in accordance with Rule 3.1.12(2). YES NO
3. Is the mine site in final reclamation (all material extraction and stockpile removal is complete)? YES NO
If "YES," please note time limits related to completion of reclamation, Rule 3.1.3.
4. What was the date of last excavation, processing or hauling activity at the mine? Portal Repair-June-2013
5. Does the mine operate more than 180 days per year **(In development mode)** YES NO
If "NO", please review Rule 1.13 to assure that your mine is in compliance.
6. Has this mine been granted: YES NO
a) approval of TEMPORARY CESSATION Status? YES NO
b) approval for INTERMITTENT OPERATION?
7. Number of acres currently affected (mining + incomplete and or unreleased reclamation). < 20 acres
8. Number of acres that were newly affected during the current report year. < 1 acre
9. Number of acres that were reclaimed during the current report year. <1 acre
10. Estimated new acreage to be affected in the next report year. < 5 acre
11. Estimated acres to be reclaimed in the next report year. 2-3 acres

12. **Total acres** in various stages of reclamation, since permitted mining activities began:

Total acres backfilled:	none	Total acres seeded w/ approved mix:	< 1 acre	Total acres w/topsoil replaced:	< 1 acre	Total acres mulched w/ approved mulch:	<1 acre
Total acres graded:	None	Total acres fertilized w/ apvd fertilizer:	None	Topsoil replacement depth (in.):	1-4 inches	Mulch application rate (tons):	2 tons/acre
Seed application method:	Broadcast	Fertilizer application method:	Not Applicable	Mulch application method:	Manual-tacked in places		

13. Is weed control being conducted in accordance with an approved Weed Control Plan? **YES** NO N/A
If "YES", indicate the weed species, control area, control type, application rate and treatment date on the report map.
14. Is adequate topsoil reserved for reclamation, based on your approved permit? YES NO **N/A**
If "NO", please explain: (NO NEW DISTURBANCE)
15. Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)? YES NO **N/A**
If "NO" please explain: (NO NEW DISTURBANCE)
16. If mining has exposed groundwater, is the site in compliance with the approved mining plan and Office of the State Engineer (Well Permit, S.W.S.P., and/or Permanent Augmentation Plan)? **YES** NO N/A
17. Are all hazardous materials stored within approved spill containment structures? YES NO **N/A**
18. Is your financial warranty value sufficient to cover the cost to complete reclamation? **YES** NO N/A
19. Is your basis for legal right to enter still valid? **YES** NO
20. Does your permit require you to submit monitoring information annually? **YES** NO N/A
If "Yes", please attach the required monitoring results to this Annual Report.
21. As required by Colorado Mined Land Reclamation Act and/or Colorado Land Reclamation Act for the Extraction of Construction Materials (C.R.S. 34-32-116 or 34-32.5-116), attach a map to this report that accurately depicts the permit boundary, current affected area boundary and location of the acreages specified in items 7- 12 and 14.
UPDATED MAP ATTACHED: **FIGURE 1**

Division records indicate the following permittee contact information. If this information is not current, please type or print **current** contact information:

Permittee Contact:		George M.L. Robinson
Permittee Company:	Wildcat Mining Corporation	
Address:		3926 North State Hwy 67 Sedalia, Colorado 80135
Phone Number:		303.832.7664
Fax Number:		303.832.7469
Email Address:		gmlrob@gmail.com

I, the undersigned, hereby state that the information provided in this report is true and accurate, and that site operations are being conducted in accordance with the Division approved mining and reclamation plans.

10.31.2013

Signature of Permittee, Corporate Officer, Owner, or Documented Designee

Date

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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		53			mg/L	2	20	12/31/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	12/31/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		59			mg/L	2	20	12/31/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	12/31/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 pH (lab)	M350.1 - Automated Phenate SM4500H+ B		U	*	mg/L	0.05	0.5	01/08/13 15:51	lhb
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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		54			mg/L	2	20	12/31/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	12/31/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		117			mg/L	2	20	12/31/12 0:00	abm
Carbonate as CaCO ₃		6	B		mg/L	2	20	12/31/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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	jjc

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	jjc
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	jjc
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	jjc
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	jjc
Cobalt, total	M200.7 ICP		U		mg/L	0.01	0.05	01/08/13 12:37	jjc
Copper, total	M200.7 ICP		U		mg/L	0.01	0.05	01/08/13 12:37	jjc
Iron, total	M200.7 ICP		U		mg/L	0.02	0.05	01/08/13 12:37	jjc
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	jjc
Manganese, total	M200.7 ICP		U		mg/L	0.005	0.03	01/08/13 12:37	jjc
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	jjc
Nickel, total	M200.7 ICP		U		mg/L	0.01	0.05	01/08/13 12:37	jjc
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	jjc
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	jjc
Zinc, total	M200.7 ICP	0.02	B		mg/L	0.01	0.05	01/08/13 12:37	jjc

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. 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 CaCO3

SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG336561													
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
WG336911													
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
WG336805													
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
WG336822													
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
WG336761													
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
WG336822													
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
WG336761													
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
WG336752													
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
WG336782													
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
WG336911													
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
WG336822													
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
WG336761													
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
WG336782													
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
WG336911													
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
WG336822													
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
WG336761													
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
WG336782													
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
WG336782													
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
WG336911													
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
WG336911													
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
WG336782													
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
WG336911													
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
WG336866													
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
WG336784													
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
WG336782													
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
WG336911													
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
WG336805													
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
WG336822													
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
WG336761													
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
WG336911													
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
WG336782													
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
WG336782													
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
WG336911													
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
WG336694													
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			
WG336693													
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
WG336856													
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
WG336911													
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
WG336782													
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
WG336911													
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
WG336529													
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
WG336529													
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
WG336925													
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			
WG336954													
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
WG336561													
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
WG336526													
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
WG336651													
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
WG336822													
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
WG336761													
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
WG336782													
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
WG336911													
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
WG337100													
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
WG336822													
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
WG336761													
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
WG336822													
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
WG336761													
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
WG336911													
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
WG336782													
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
WG336911													
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	

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ACZ Project ID: **L98547**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L98547-01	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).
L98547-02	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).
L98547-03	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
L98547-04	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).
L98547-05	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).
L98547-06	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).
L98547-07	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).
L98547-08	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?	☐	☐	☒
2) Is the Chain of Custody or other directive shipping papers present?	☒	☐	☐
3) Does this project require special handling procedures such as CLP protocol?	☐	☐	☒
4) Are any samples NRC licensable material?	☐	☐	☒
5) If samples are received past hold time, proceed with requested short hold time analyses?	☒	☐	☐
6) Is the Chain of Custody complete and accurate?	☒	☐	☐
7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples?	☐	☒	☐

Samples/Containers

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

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.



Laboratories, Inc.

L98547

CHAIN OF CUSTODY

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

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

Address: 18050 Rd G
 Cortez CO 81321
 Telephone: 970-426-2924

Name: Torii Goar
 Company: Wildcat Mining Corp.

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

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.

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: MT Sampler's site information State CO Zip code Time Zone mst

Quote #: B028854

Project/PO #:

Reporting state for compliance testing:

Check box if samples include NRC licensed material? ☐

of Containers

Please refer
to
Quote

MD-001	12/28/12	SW	6																	
MD-002	12/28/12	SW	6																	
MD-003	12/28/12	SW	6																	
MD-004	12/28/12	SW	6																	
MD-005	12/28/12	GW	4																	
MD-006	12/28/12	GW	4																	
MD-007	12/28/12	GW	4																	
MD-008	12/28/12	GW	4																	

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

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

<u>MT</u>	12/28/12	AMC	12/29/12	1040

198547 Chain of Custody

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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		54			mg/L	2	20	04/05/13 0:00	ljr
Carbonate as CaCO ₃			U		mg/L	2	20	04/05/13 0:00	ljr
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 pH (lab)	M350.1 - Automated Phenate SM4500H+ B		U	*	mg/L	0.05	0.5	04/08/13 17:32	lhb
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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		56			mg/L	2	20	04/05/13 0:00	ljr
Carbonate as CaCO ₃			U		mg/L	2	20	04/05/13 0:00	ljr
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 pH (lab)	M350.1 - Automated Phenate SM4500H+ B	0.05	B	*	mg/L	0.05	0.5	04/08/13 17:33	lhb
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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		107			mg/L	2	20	04/05/13 0:00	ljr
Carbonate as CaCO ₃		3	B		mg/L	2	20	04/05/13 0:00	ljr
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 pH (lab)	M350.1 - Automated Phenate SM4500H+ B		U	*	mg/L	0.05	0.5	04/08/13 17:35	lhb
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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		55			mg/L	2	20	04/05/13 0:00	ljr
Carbonate as CaCO ₃			U		mg/L	2	20	04/05/13 0:00	ljr
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 pH (lab)	M350.1 - Automated Phenate SM4500H+ B		U	*	mg/L	0.05	0.5	04/08/13 17:36	lhb
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	jlj
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	jlj
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: NO3NO2 minus NO2	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	jlj
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: NO3NO2 minus NO2	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	jlj
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. 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
WG341623													
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
WG341636													
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
WG341626													
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
WG341786													
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 CorporationACZ 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
WG341863													
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
WG341786													
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
WG341863													
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
WG341586													
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
WG341698													
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 CorporationACZ Project ID: **L11379****Barium, total**

M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG341636													
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
WG341786													
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
WG341863													
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
WG341756													
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
WG341636													
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 CorporationACZ 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
WG341786													
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
WG341863													
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
WG341698													
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
WG341698													
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
WG341636													
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
WG341636													
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
WG341698													
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
WG341636													
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
WG341565													
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
WG341548													
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			
WG341629													
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
WG341835													
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			
WG341836													
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
WG341698													
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
WG341636													
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
WG341626													
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
WG341786													
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
WG341875													
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	
WG341863													
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
WG341636													
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
WG341698													
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
WG341698													
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
WG341636													
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
WG341578													
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
WG341698													
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
WG341636													
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
WG341698													
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
WG341636													
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
WG341465													
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
WG341465													
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
WG341704													
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			
WG341733													
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
WG341623													
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
WG341635													
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
WG341651													
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
WG341652													
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
WG341786													
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
WG341863													
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
WG341698													
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
WG341636													
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
WG341798													
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	
WG341805													
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
WG341786													
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
WG341863													
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
WG341786													
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
WG341863													
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
WG341636													
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
WG341698													
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
WG341636													
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
L11379-03	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.
L11379-04	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
L11379-05	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.
L11379-06	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.
L11379-07	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.
L11379-08	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?	☐	☐	☒
2) Is the Chain of Custody or other directive shipping papers present?	☒	☐	☐
3) Does this project require special handling procedures such as CLP protocol?	☐	☐	☒
4) Are any samples NRC licensable material?	☐	☐	☒
5) If samples are received past hold time, proceed with requested short hold time analyses?	☒	☐	☐
6) Is the Chain of Custody complete and accurate?	☒	☐	☐
7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples?	☐	☒	☐

Samples/Containers

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

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 quote.

SAMPLE IDENTIFICATION	DATE: TIME	Matrix
SWA - 040113	04/01/13	SW 6
SWB - 040113	04/01/13	SW 6
SWC - 040113	04/01/13	SW 6
SWD - 040113	04/01/13	SW 6
GWA - 040113	04/01/13	GW 4
GWB - 040113	04/01/13	GW 4
GWC - 040113	04/01/13	GW 4
GW D - 040113	04/01/13	GW 4

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

TC

4:28:40

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 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.

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 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.

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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		47			mg/L	2	20	06/27/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	06/27/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		48			mg/L	2	20	06/27/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	06/27/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		118			mg/L	2	20	06/27/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	06/27/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		51			mg/L	2	20	06/27/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	06/27/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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 ₃	SM2320B - Titration								
Bicarbonate as CaCO ₃		120			mg/L	2	20	06/27/12 0:00	abm
Carbonate as CaCO ₃			U		mg/L	2	20	06/27/12 0:00	abm
Hydroxide as CaCO ₃			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 ₃	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 ₃ NO ₂ minus NO ₂	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)

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

Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (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/extqualist.pdf>

Wildcat Mining Corporation

ACZ Project ID: L95330

Project ID:

Alkalinity as CaCO₃

SM2320B - Titration

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325182													
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
WG325505													
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
WG325404													
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
WG325421													
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

ACZ Project ID: L95330

Project ID:

Antimony, total

M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325295													
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
WG325421													
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
WG325295													
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
WG325299													
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
WG325352													
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 CorporationACZ 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
WG325505													
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
WG325421													
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
WG325295													
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
WG325410													
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
WG325505													
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
WG325421													
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
WG325295													
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
WG325352													
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
WG325352													
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
WG325505													
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

ACZ Project ID: **L95330**

Project ID:

Cobalt, total
M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325505													
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
WG325352													
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
WG325505													
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
WG325862													
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			
WG325945													
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
WG325399													
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			
WG325458													
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
WG325352													
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
WG325570													
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
WG325404													
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

ACZ Project ID: L95330

Project ID:

Lead, dissolved

M200.8 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325421													
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
WG325295													
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
WG325505													
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
WG325352													
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
WG325352													
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

ACZ Project ID: L95330

Project ID:

Manganese, total

M200.7 ICP

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325505													
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
WG325583													
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
WG325352													
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
WG325505													
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
WG325352													
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	
WG325505														
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	
WG325210														
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	
WG325210														
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	
WG325528														
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				
WG325555														
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

Project ID:

ACZ Project ID: **L95330**

pH (lab)

SM4500H+ B

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325182													
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
WG325268													
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
WG325331													
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
WG325421													
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
WG325295													
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
WG325410													
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
WG325505													
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
WG325803													
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	
WG325804													
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
WG325421													
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 CorporationACZ Project ID: **L95330**

Project ID:

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

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG325295													
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
WG325421													
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
WG325295													
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
WG325505													
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
WG325352													
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
WG325505													
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
L95330-01	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.
L95330-02	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
L95330-03	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.
L95330-04	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.
L95330-05	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
L95330-06	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	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).
L95330-07	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).
L95330-07	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?			X
2) Is the Chain of Custody or other directive shipping papers present?	X		
3) Does this project require special handling procedures such as CLP protocol?			X
4) Are any samples NRC licensable material?		X	
5) If samples are received past hold time, proceed with requested short hold time analyses?	X		
6) Is the Chain of Custody complete and accurate? 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.		X	
7) Were any changes made to the Chain of Custody prior to ACZ receiving the samples? The first two samples were lined out by client.	X		

Samples/Containers

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

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.

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

1-800-967-7622

Name: Mike Thompson	Address: 1905D RD G
Company: Recardon Steel LLC	Clark 2 CO 81321
E-mail: mtp@recardonsteel.us	Telephone: (970) 426-2724

Copy of Report to

Name: Torii Cochrane	E-mail: torrie@peefpartners.com
Company: Wildcat Mining Corp	Telephone: (941) 951-0187

Invoice: 10

Name: Tom Gunn	Address: 1630 Ringling Blvd
Company: Wildcat Mining Corp	Sarasota, FL 34236
E-mail: t.gunn@pdcpartners.com	Telephone: (941) 951-5781

If sample(s) received past	holding time (HT), or if no HT	It remains to be determined
analysis before expiration	shall ACZ proceed with the	short HT and

[illegible]

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: <u>Mark Thompson</u>	Sampler's site Information	State: <u>CO</u>	Zip code: <u>81327</u>	Time Zone: <u>MST</u>
--------------------------------------	----------------------------	------------------	------------------------	-----------------------

PROJECT INFORMATION

Quote #: B027757 May Day SW 2012			# of Containers	250 ml metals dig.	SDDW RAW CN	SDDW RAW W/L	ASDW HAP's metals	ASDW w/ Filt	ASDW H ₂ O ₂ W/L
Project/PO #:									
Reporting state for compliance testing: CO									
Are any samples NRC licensable material? Yes / No									
SAMPLE IDENTIFICATION	DATE TEST	ANALYST							
DG-1 CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
DG-2 CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
SW-1-CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
SW-2-CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
Idaho sp SW CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
Idaho GW	6/25/12 11:52	GW	4	SEE MY DAY GW Quote					
WL - CG2512	6/25/12	SW	6	✓	✓	✓	✓	✓	✓
Dog SW - CG2512	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.

RECEIVED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<i>MLR</i>	06/25/12 1415	<i>AVC</i>	6/26/12 0857

Karmen 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

><(((x> , ><(((x>

Karmen King

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

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

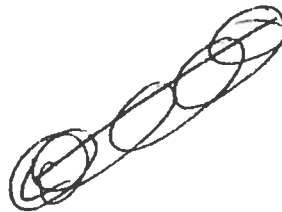
><(((x> , ><(((x>

0

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

Analyte	Future ground- 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 water sampling	MDL Required 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 ₃	✓	
Bicarbonate as CaCO ₃	✓	
Carbonate as CaCO ₃	✓	
Hydroxide as CaCO ₃	✓	
Hardness as CaCO ₃	✓	
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"

The first part of the paper discusses the importance of the research and the objectives of the study. It then presents a literature review of the existing research on the topic. The methodology section describes the research design and the data collection process. The results section presents the findings of the study, and the conclusion section summarizes the main findings and provides recommendations for future research.

The study was conducted in a laboratory setting, and the data were collected using a series of experiments. The results of the experiments were analyzed using statistical methods, and the findings were compared with the results of previous studies. The study found that the research objectives were achieved, and the results were consistent with the findings of previous research.

The study also found that there are several factors that influence the results of the research. These factors include the experimental design, the data collection process, and the statistical analysis. The study provides a detailed description of these factors and discusses their impact on the results of the research.

The study concludes that the research objectives were achieved, and the results were consistent with the findings of previous research. The study also provides recommendations for future research, including the need for further research on the topic and the importance of using a rigorous research design and data collection process.



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

December 18, 2014

George M. Robinson
Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia, Co 80135

**RE: MAY DAY IDAHO MINE COMPLEX - PERMIT #M-1981-185
2014 ANNUAL FEE, REPORT, AND MAP**

Dear Mr. Robinson:

Please be advised that according to our records, the Division of Reclamation, Mining and Safety has not received the following, which were due July 5, 2014:

2014 Annual Fee of **\$1,150.00**
2014 Annual Report
2014 Annual Map

Even though the due date has passed 60 days and, pursuant to the Annual Fee notice letter indicating that the Division would seek immediate enforcement action to non-compliance, the Division is offering a one-time 30-day grace period, effective December 18, 2014 for you to submit the following:

- 2014 Annual Report (signed and dated), FORM, MAP, and **\$1,150.00 FEE** (check or money order made payable to: **Division of Reclamation, Mining and Safety** – 1313 Sherman Street, Room 215, Denver, CO 80203).

These must be submitted no later than 5:00 p.m. on January 19, 2015, or a Notice of Violation, Cease and Desist Order from ALL mining related activities, Civil Penalties equal to the amount to the annual fees due, and Notice of Formal Public Hearing before the Mined Land Reclamation Board for consideration of a POSSIBLE PERMIT REVOCATION AND FINANCIAL WARRANTY FORFEITURE will be issued for this account.



If you have any questions, please contact me at either 303-866-3567 x8114 or michelles.ramirez@state.co.us.

Sincerely,



Michelle S. Ramirez
Program Assistant

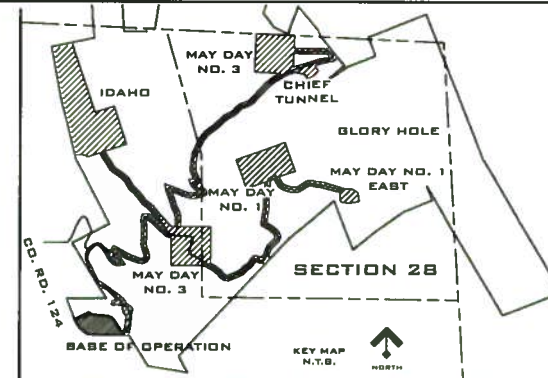
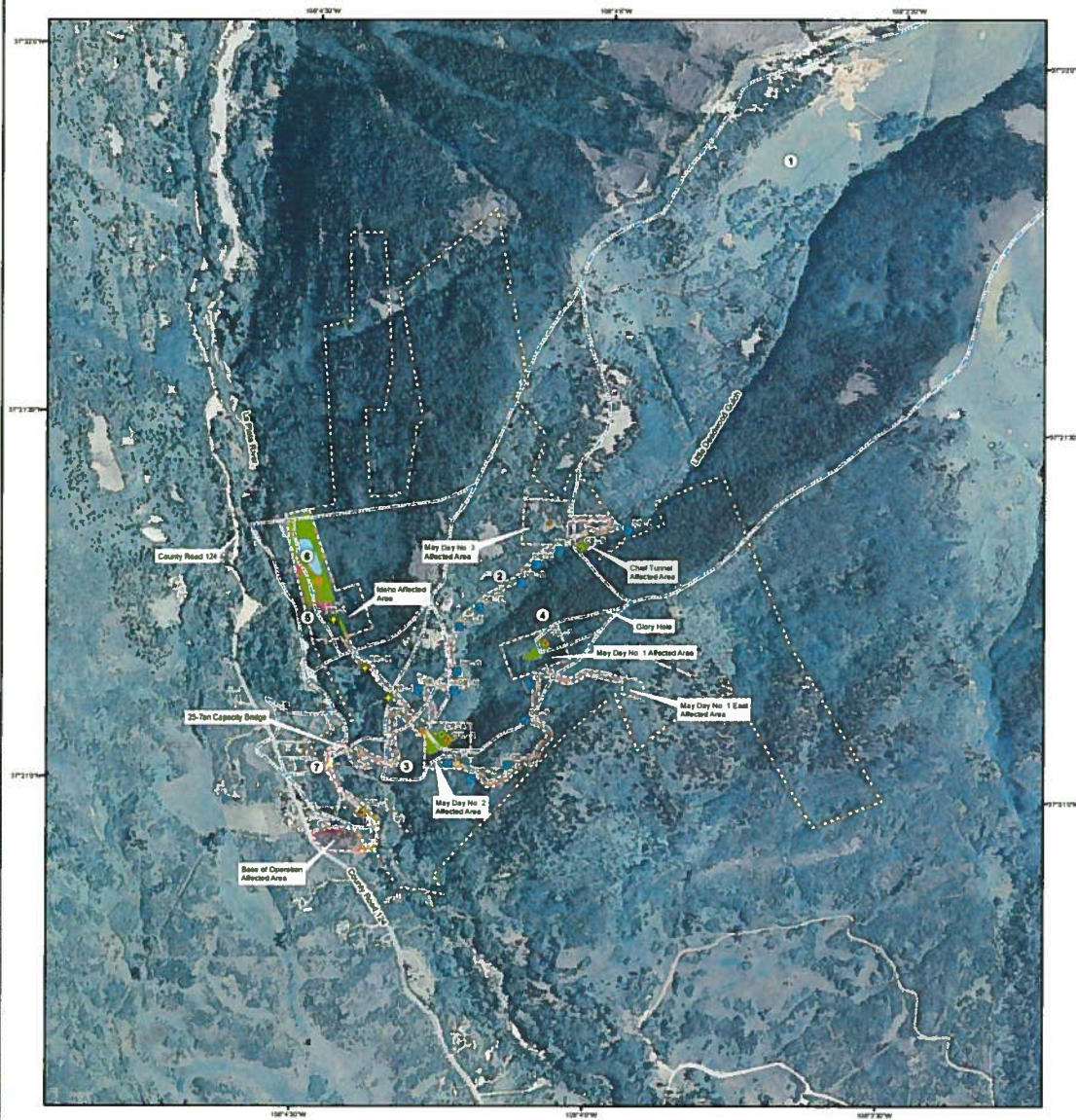
CERTIFIED MAIL RECEIPT 7014 0150 0000 9138 2555
Return Receipt Requested

Enclosure: 2014 Annual Fee Invoice and Report Request

cc: Dustin Czapla, GJFO
Russ Means, GJFO
Tony Waldron, DRMS

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

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

[illegible]

R Squared Inc.
Environmental and
Engineering Services
5555 DTC Parkway, Suite A-4000
Greenwood Village, Colorado 80111
Office (303) 832-7864
Fax (303) 832-7498

STORMWATER MANAGEMENT STRUCTURES

WILDCAT MINING CORPORATION
5655 DTC PARKWAY
SUITE A-4000
GREENWOOD VILLAGE, CO 80111

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

FIGURE BWMP-1

STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY Department of Natural Resources

1313 Sherman St., Room 215
Denver, Colorado 80203
Phone: (303) 866-3567
FAX: (303) 832-8106



August 1, 2014

George M. Robinson
Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia, Co 80135

John W. Hickenlooper
Governor

Mike King
Executive Director

Virginia Brannon
Director

May Day Idaho Mine Complex, Permit M-1981-185, Annual Fee Invoice and Report Request

PLEASE READ CAREFULLY – ACTION REQUIRED
Please attach your COMPLETED written Annual Report and Annual Report Map to this form

Under the terms of your NOI or Reclamation Permit and Colorado Statutes, you must submit Annual Fees and Annual Reports (including a map). You must pay the Annual Fee and submit an Annual Report each year until reclamation responsibility release is granted. The Annual Fee is not a renewal fee. The Fee and Report are for LAST YEAR'S mining and reclamation season, and MUST be paid even if your operation was inactive.

The Annual Report and Fee requirement will be considered submitted when we have received the following components:

1. APPROPRIATE ANNUAL FEE
2. COMPLETED ANNUAL REPORT
3. ASSOCIATED MAP as required by rule

If you have requested reclamation responsibility release from the Division of Reclamation, Mining and Safety (the "Division") but your permit is not released by the anniversary date listed below, the Annual Fee MUST be paid. If the permit is released before the anniversary date, then by Statute, it is not necessary to pay an Annual Fee or submit an Annual Report for that year.

Division records indicate the \$1,150.00 fee is due for the following:

Permit:	M-1981-185
Operation Name:	May Day Idaho Mine Complex
Anniversary Date:	September 5, 2014
Total Fee Due:	\$1,150.00 (Due on or before your Anniversary Date)

Return the enclosed Annual Report FORM, a MAP, and a CHECK or MONEY ORDER made payable to: Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. If your records indicate these documents and fees have already been submitted, please notify the Division.

If you have additional comments and/or information that should be provided to the Division, please provide it below or attach it to this form along with your written report and map. Annual Report instructions are enclosed. If you have any questions, please feel free to contact Michelle Ramirez (303) 866-3567 ext 8114. Thank you for your cooperation in this matter.

IF THE ANNUAL FEE SUBMITTALS ARE NOT RECEIVED ON OR BEFORE YOUR ANNIVERSARY DATE, THE ENFORCEMENT PROCESS WILL AUTOMATICALLY BE INITIATED. ENFORCEMENT ACTIONS MAY RESULT IN CIVIL PENALTIES AND/OR REVOCATION OF YOUR PERMIT.

112d-1 Annual Report

Permittee Name:	Wildcat Mining Corporation	Permit Number:	M-1981-185
Operation Name:	May Day Idaho Mine Complex	County:	La Plata
Annual Fee Due:	\$1,150.00	Anniversary Date:	September 5, 2014
Permit Acreage:	274.70	Current Bond Amt:	\$204,562.00

According to C.R.S. 34-32.5-116 or 34-32-116, each year, on the anniversary date of the permit, an operator shall submit the Annual Fee, an Annual Report and Map showing the extent of current disturbances to affected land, required monitoring information, reclamation accomplished to date and during the preceding year, any new disturbance that is anticipated to occur during the upcoming year, any reclamation that will be performed during the upcoming year, the dates for the beginning of active operations, and the date active operations ceased for the year.

Information contained in this report will be reviewed by the Division upon receipt and prior to the next compliance inspection of the site. If, while completing this report, you learn that your site is not in compliance with the rules and the act, it is advisable that the issues be rectified promptly to avoid possible enforcement action.

1. Is the site identification sign posted in accordance with Rule 3.1.12(1). YES ☒ NO
2. Is the affected area boundary clearly marked in accordance with Rule 3.1.12(2). YES ☒ NO
3. Is the mine site in final reclamation (all material extraction and stockpile removal is complete)? YES ☒ NO
If "YES," please note time limits related to completion of reclamation, Rule 3.1.3.
4. What was the date of last excavation, processing or hauling activity at the mine? not operational
5. Does the mine operate more than 180 days per year YES ☒ NO
If "NO", please review Rule 1.13 to assure that your mine is in compliance.
6. Has this mine been granted: a) approval of TEMPORARY CESSATION Status? YES ☒ NO
b) approval for INTERMITTENT OPERATION? YES ☒ NO
7. Number of acres currently affected (mining + incomplete and or unreleased reclamation). < 20 acres
8. Number of acres that were newly affected during the current report year. 0 acres
9. Number of acres that were reclaimed during the current report year. less than 1 acre
10. Estimated new acreage to be affected in the next report year. less than 1 acre
11. Estimated acres to be reclaimed in the next report year. less than 1 acre
12. **Total acres in various stages of reclamation, since permitted mining activities began:**

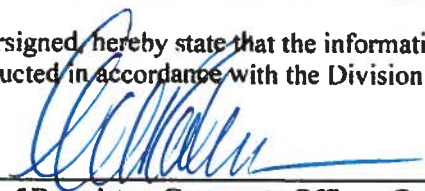
Total acres backfilled:	0	Total acres seeded w/ approved mix:	<1	Total acres w/topsoil replaced:	<1	Total acres mulched w/ approved mulch:	<1
Total acres graded:	<1	Total acres fertilized w/ apvd fertilizer:	<1	Topsoil replacement depth (in.):	NA	Mulch application rate (tons):	1-2
Seed application method:	Broadcast	Fertilizer application method:	N/A	Mulch application method:	manual		

13. Is weed control being conducted in accordance with an approved Weed Control Plan? **YES** NO N/A
If "YES", indicate the weed species, control area, control type, application rate and treatment date on the report map.
14. Is adequate topsoil reserved for reclamation, based on your approved permit? YES NO **N/A**
If "NO", please explain:
15. Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)? YES NO **N/A**
If "NO" please explain:
16. If mining has exposed groundwater, is the site in compliance with the approved mining plan and Office of the State Engineer (Well Permit, S.W.S.P., and/or Permanent Augmentation Plan)? **YES** NO N/A
17. Are all hazardous materials stored within approved spill containment structures? YES NO **N/A**
18. Is your financial warranty value sufficient to cover the cost to complete reclamation? **YES** NO N/A
19. Is your basis for legal right to enter still valid? **YES** NO
20. Does your permit require you to submit monitoring information annually? **YES** NO N/A
If "Yes", please attach the required monitoring results to this Annual Report.
21. As required by Colorado Mined Land Reclamation Act and/or Colorado Land Reclamation Act for the Extraction of Construction Materials (C.R.S. 34-32-116 or 34-32.5-116), attach a map to this report that accurately depicts the permit boundary, current affected area boundary and location of the acreages specified in items 7- 12 and 14.
UPDATED MAP ATTACHED: **Yes**

Division records indicate the following permittee contact information. If this information is not current, please type or print current contact information:

Permittee Contact:	George M. Robinson	Current
Permittee Company:	Wildcat Mining Corporation	Current
Address:	3926 North State Hwy 67 Sedalia, Co 80135	Current
Phone Number:	(303) 832-7664	Current
Fax Number:		
Email Address:	CF.PR.email	georgerobinson@r2incorporated.com

I, the undersigned, hereby state that the information provided in this report is true and accurate, and that site operations are being conducted in accordance with the Division approved mining and reclamation plans.


Signature of Permittee, Corporate Officer, Owner, or Documented Designee

12/31/2014

Date



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
970.247.4227 Fax
www.greenanalytical.com

11 June 2014

George Robinson
Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia, CO 80135
RE: Wildcat GW

Enclosed are the results of analyses for samples received by the laboratory on 05/28/14 13:15.
If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Debbie Zufelt'. The signature is written in a cursive, flowing style.

Debbie Zufelt
Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water



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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LP-GW-1	1405255-01	Water	05/28/14 10:03	05/28/14 13:15
ID-GW-1	1405255-02	Water	05/28/14 10:50	05/28/14 13:15

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

LP-GW-1

1405255-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Cyanide, WAD	<0.0100	0.0100	0.00631	mg/L	1	06/06/14	EPA335.4		KLJ
Fluoride*	<0.200	0.200	0.0194	mg/L	1	06/10/14	4500-F- C		ABP
Nitrate as N	0.072	0.020	0.010	mg/L	1	06/10/14	EPA353.2		KLJ
Nitrate/Nitrite as N*	0.092	0.020	0.010	mg/L	1	06/10/14	EPA353.2		KLJ
Nitrite as N*	0.020	0.020	0.006	mg/L	1	05/29/14	EPA353.2		KLJ
pH*	7.31			pH Units	1	05/28/14	EPA150.1		MJV
TDS*	55.0	10.0		mg/L	1	06/03/14	EPA160.1		ABP
Sulfate	11.0	10.0	1.08	mg/L	1	06/10/14	4500-SO42- E		ABP

Dissolved Metals by ICP

Aluminum*	0.055	0.050	0.007	mg/L	1	06/02/14	EPA200.7		JGS
Boron	<0.200	0.200	0.033	mg/L	1	06/02/14	EPA200.7		JGS
Iron*	0.114	0.050	0.004	mg/L	1	06/02/14	EPA200.7		JGS
Sodium*	1.79	1.00	0.004	mg/L	1	06/02/14	EPA200.7		JGS

Dissolved Metals by ICPMS

Antimony*	<0.0005	0.0005	0.0002	mg/L	1	06/04/14	EPA200.8		JGS
Arsenic*	<0.0005	0.0005	0.0001	mg/L	1	06/04/14	EPA200.8		JGS
Barium*	0.0373	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Beryllium*	<0.0005	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Cadmium*	0.0004	0.0001	0.000040	mg/L	1	06/04/14	EPA200.8		JGS
Chromium*	<0.0010	0.0010	0.0001	mg/L	1	06/04/14	EPA200.8		JGS
Cobalt*	0.0002	0.0001	0.00002	mg/L	1	06/04/14	EPA200.8		JGS
Copper*	0.0026	0.0001	0.00001	mg/L	1	06/04/14	EPA200.8		JGS
Lead*	<0.0005	0.0005	0.00003	mg/L	1	06/04/14	EPA200.8		JGS
Manganese*	0.0691	0.0005	0.0004	mg/L	1	06/04/14	EPA200.8		JGS
Molybdenum*	0.0010	0.0005	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Nickel*	0.0035	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Selenium*	<0.0010	0.0010	0.0004	mg/L	1	06/04/14	EPA200.8		JGS
Silver*	<0.0001	0.0001	0.00001	mg/L	1	06/04/14	EPA200.8		JGS
Thallium*	<0.0001	0.0001	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Uranium	<0.0001	0.0001	0.000009	mg/L	1	06/04/14	EPA200.8		JGS
Vanadium*	<0.0005	0.0005	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Zinc*	0.0016	0.0010	0.0001	mg/L	1	06/04/14	EPA200.8		JGS

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Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

LP-GW-1

1405255-01 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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Dissolved Mercury by CVAA

Mercury*	<0.0002	0.0002	0.00002	mg/L	1	06/09/14	245.1		JGS
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Debbie Zufelt

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

1D-GW-1

1405255-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
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General Chemistry

Cyanide, WAD	<0.0100	0.0100	0.00631	mg/L	1	06/06/14	EPA335.4		KLJ
Fluoride*	<0.200	0.200	0.0194	mg/L	1	06/10/14	4500-F- C		ABP
Nitrate as N	0.170	0.020	0.010	mg/L	1	06/10/14	EPA353.2		KLJ
Nitrate/Nitrite as N*	0.197	0.020	0.010	mg/L	1	06/10/14	EPA353.2		KLJ
Nitrite as N*	0.027	0.020	0.006	mg/L	1	05/29/14	EPA353.2		KLJ
pH*	8.07			pH Units	1	05/28/14	EPA150.1		MJV
TDS*	165	10.0		mg/L	1	06/03/14	EPA160.1		ABP
Sulfate	19.0	10.0	1.08	mg/L	1	06/10/14	4500-SO42- E		ABP

Dissolved Metals by ICP

Aluminum*	0.073	0.050	0.007	mg/L	1	06/02/14	EPA200.7		JGS
Boron	<0.200	0.200	0.033	mg/L	1	06/02/14	EPA200.7		JGS
Iron*	<0.050	0.050	0.004	mg/L	1	06/02/14	EPA200.7		JGS
Sodium*	2.43	1.00	0.004	mg/L	1	06/02/14	EPA200.7		JGS

Dissolved Metals by ICPMS

Antimony*	0.0006	0.0005	0.0002	mg/L	1	06/04/14	EPA200.8		JGS
Arsenic*	0.0008	0.0005	0.0001	mg/L	1	06/04/14	EPA200.8		JGS
Barium*	0.0693	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Beryllium*	<0.0005	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Cadmium*	<0.0001	0.0001	0.000040	mg/L	1	06/04/14	EPA200.8		JGS
Chromium*	<0.0010	0.0010	0.0001	mg/L	1	06/04/14	EPA200.8		JGS
Cobalt*	<0.0001	0.0001	0.00002	mg/L	1	06/04/14	EPA200.8		JGS
Copper*	0.0023	0.0001	0.00001	mg/L	1	06/04/14	EPA200.8		JGS
Lead*	<0.0005	0.0005	0.00003	mg/L	1	06/04/14	EPA200.8		JGS
Manganese*	0.0011	0.0005	0.0004	mg/L	1	06/04/14	EPA200.8		JGS
Molybdenum*	0.0006	0.0005	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Nickel*	0.0012	0.0005	0.00004	mg/L	1	06/04/14	EPA200.8		JGS
Selenium*	<0.0010	0.0010	0.0004	mg/L	1	06/04/14	EPA200.8		JGS
Silver*	<0.0001	0.0001	0.00001	mg/L	1	06/04/14	EPA200.8		JGS
Thallium*	<0.0001	0.0001	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Uranium	0.0008	0.0001	0.000009	mg/L	1	06/04/14	EPA200.8		JGS
Vanadium*	<0.0005	0.0005	0.00005	mg/L	1	06/04/14	EPA200.8		JGS
Zinc*	0.0010	0.0010	0.0001	mg/L	1	06/04/14	EPA200.8		JGS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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www.GreenAnalytical.com

Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

1D-GW-1

1405255-02 (Water)

Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
Dissolved Mercury by CVAA									
Mercury*	<0.0002	0.0002	0.00002	mg/L	1	06/09/14	245.1		JGS

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B405248 - General Prep - Wet Chem

Blank (B405248-BLK1)

Prepared & Analyzed: 05/29/14

Nitrite as N ND 0.020 mg/L

LCS (B405248-BS1)

Prepared & Analyzed: 05/29/14

Nitrite as N 0.106 0.020 mg/L 0.100 106 90-110

LCS Dup (B405248-BSD1)

Prepared & Analyzed: 05/29/14

Nitrite as N 0.105 0.020 mg/L 0.100 105 90-110 0.948 20

Batch B406020 - General Prep - Wet Chem

Duplicate (B406020-DUP2)

Source: 1405243-05

Prepared & Analyzed: 05/28/14

pH 7.37 pH Units 7.34 0.408 20

Reference (B406020-SRM1)

Prepared & Analyzed: 05/28/14

pH 8.44 pH Units 9.10 92.7 90-110

Batch B406061 - General Prep - Wet Chem

Blank (B406061-BLK1)

Prepared & Analyzed: 06/03/14

TDS ND 10.0 mg/L

Duplicate (B406061-DUP2)

Source: 1405280-02

Prepared & Analyzed: 06/03/14

TDS 345 10.0 mg/L 345 0.00 20

Reference (B406061-SRM1)

Prepared & Analyzed: 06/03/14

TDS 1120 10.0 mg/L 1090 102 85-115

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Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406062 - General Prep - Wet Chem

Blank (B406062-BLK1)

Prepared: 06/04/14 Analyzed: 06/06/14

Cyanide, WAD ND 0.0100 mg/L

LCS (B406062-BS1)

Prepared: 06/04/14 Analyzed: 06/06/14

Cyanide, WAD 0.0540 0.0100 mg/L 0.0500 108 90-110

LCS Dup (B406062-BSD1)

Prepared: 06/04/14 Analyzed: 06/06/14

Cyanide, WAD 0.0510 0.0100 mg/L 0.0500 102 90-110 5.71 20

Batch B406084 - General Prep - Wet Chem

Blank (B406084-BLK1)

Prepared & Analyzed: 06/10/14

Fluoride ND 0.200 mg/L

LCS (B406084-BS1)

Prepared & Analyzed: 06/10/14

Fluoride 1.03 0.200 mg/L 1.00 103 85-115

LCS Dup (B406084-BSD1)

Prepared & Analyzed: 06/10/14

Fluoride 1.06 0.200 mg/L 1.00 106 85-115 2.48 20

Batch B406085 - General Prep - Wet Chem

Blank (B406085-BLK1)

Prepared & Analyzed: 06/10/14

Sulfate ND 10.0 mg/L

LCS (B406085-BS1)

Prepared & Analyzed: 06/10/14

Sulfate 50.0 10.0 mg/L 50.0 100 85-115

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Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406085 - General Prep - Wet Chem

LCS Dup (B406085-BSD1)

Prepared & Analyzed: 06/10/14

Sulfate	51.0	10.0	mg/L	50.0		102	85-115	1.98	20	
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Batch B406087 - General Prep - Wet Chem

Blank (B406087-BLK1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	ND	0.020	mg/L							
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LCS (B406087-BS1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	0.937	0.020	mg/L	1.00		93.7	90-110			
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LCS Dup (B406087-BSD1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	1.01	0.020	mg/L	1.00		101	90-110	7.50	20	
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Batch B406088 - General Prep - Wet Chem

Blank (B406088-BLK1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	ND	0.020	mg/L							
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LCS (B406088-BS1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	1.02	0.020	mg/L	1.00		102	90-110			
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LCS Dup (B406088-BSD1)

Prepared & Analyzed: 06/10/14

Nitrate/Nitrite as N	0.963	0.020	mg/L	1.00		96.3	90-110	5.75	20	
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Debbie Zufelt

Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

Dissolved Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406003 - Dissolved Metals, E200.7/E200.8

Blank (B406003-BLK1)

Prepared & Analyzed: 06/02/14

Aluminum	ND	0.050	mg/L
Boron	ND	0.200	mg/L
Iron	ND	0.050	mg/L
Sodium	ND	1.00	mg/L

LCS (B406003-BS1)

Prepared & Analyzed: 06/02/14

Aluminum	5.30	0.050	mg/L	5.00	106	85-115
Boron	5.25	0.200	mg/L	5.00	105	85-115
Iron	5.35	0.050	mg/L	5.00	107	85-115
Sodium	9.11	1.00	mg/L	8.10	112	85-115

LCS Dup (B406003-BSD1)

Prepared & Analyzed: 06/02/14

Aluminum	5.39	0.050	mg/L	5.00	108	85-115	1.66	20
Boron	5.35	0.200	mg/L	5.00	107	85-115	1.93	20
Iron	5.41	0.050	mg/L	5.00	108	85-115	1.24	20
Sodium	9.11	1.00	mg/L	8.10	112	85-115	0.0362	20

Green Analytical Laboratories

Debbie Zufelt

Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

Dissolved Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406029 - Dissolved Metals, E200.7/E200.8

Blank (B406029-BLK1)

Prepared: 06/03/14 Analyzed: 06/04/14

Antimony	ND	0.0005	mg/L
Arsenic	ND	0.0005	mg/L
Barium	ND	0.0005	mg/L
Beryllium	ND	0.0005	mg/L
Cadmium	ND	0.0001	mg/L
Chromium	ND	0.0010	mg/L
Cobalt	ND	0.0001	mg/L
Copper	ND	0.0001	mg/L
Lead	ND	0.0005	mg/L
Manganese	ND	0.0005	mg/L
Molybdenum	ND	0.0005	mg/L
Nickel	ND	0.0005	mg/L
Selenium	ND	0.0010	mg/L
Silver	ND	0.0001	mg/L
Thallium	ND	0.0001	mg/L
Uranium	ND	0.0001	mg/L
Vanadium	ND	0.0005	mg/L
Zinc	ND	0.0010	mg/L

LCS (B406029-BS1)

Prepared: 06/03/14 Analyzed: 06/04/14

Antimony	0.0521	0.0005	mg/L	0.0500	104	85-115
Arsenic	0.0536	0.0005	mg/L	0.0500	107	85-115
Barium	0.0531	0.0005	mg/L	0.0500	106	85-115
Beryllium	0.0448	0.0005	mg/L	0.0500	89.6	85-115
Cadmium	0.0513	0.0001	mg/L	0.0500	103	85-115
Chromium	0.0525	0.0010	mg/L	0.0500	105	85-115
Cobalt	0.0519	0.0001	mg/L	0.0500	104	85-115
Copper	0.0520	0.0001	mg/L	0.0500	104	85-115
Lead	0.0545	0.0005	mg/L	0.0500	109	85-115
Manganese	0.0520	0.0005	mg/L	0.0500	104	85-115
Molybdenum	0.0533	0.0005	mg/L	0.0500	107	85-115
Nickel	0.0530	0.0005	mg/L	0.0500	106	85-115
Selenium	0.274	0.0010	mg/L	0.250	109	85-115
Silver	0.0519	0.0001	mg/L	0.0500	104	85-115
Thallium	0.0543	0.0001	mg/L	0.0500	109	85-115
Uranium	0.0545	0.0001	mg/L	0.0500	109	85-115
Vanadium	0.0538	0.0005	mg/L	0.0500	108	85-115
Zinc	0.0529	0.0010	mg/L	0.0500	106	85-115

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

Dissolved Metals by ICPMS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406029 - Dissolved Metals, E200.7/E200.8

LCS Dup (B406029-BSD1)

Prepared: 06/03/14 Analyzed: 06/04/14

Antimony	0.0562	0.0005	mg/L	0.0500		112	85-115	7.41	20	
Arsenic	0.0545	0.0005	mg/L	0.0500		109	85-115	1.71	20	
Barium	0.0543	0.0005	mg/L	0.0500		109	85-115	2.09	20	
Beryllium	0.0441	0.0005	mg/L	0.0500		88.3	85-115	1.52	20	
Cadmium	0.0542	0.0001	mg/L	0.0500		108	85-115	5.50	20	
Chromium	0.0532	0.0010	mg/L	0.0500		106	85-115	1.33	20	
Cobalt	0.0547	0.0001	mg/L	0.0500		109	85-115	5.20	20	
Copper	0.0517	0.0001	mg/L	0.0500		103	85-115	0.473	20	
Lead	0.0543	0.0005	mg/L	0.0500		109	85-115	0.261	20	
Manganese	0.0522	0.0005	mg/L	0.0500		104	85-115	0.410	20	
Molybdenum	0.0533	0.0005	mg/L	0.0500		107	85-115	0.0727	20	
Nickel	0.0530	0.0005	mg/L	0.0500		106	85-115	0.0379	20	
Selenium	0.275	0.0010	mg/L	0.250		110	85-115	0.491	20	
Silver	0.0526	0.0001	mg/L	0.0500		105	85-115	1.25	20	
Thallium	0.0550	0.0001	mg/L	0.0500		110	85-115	1.35	20	
Uranium	0.0551	0.0001	mg/L	0.0500		110	85-115	1.24	20	
Vanadium	0.0546	0.0005	mg/L	0.0500		109	85-115	1.51	20	
Zinc	0.0544	0.0010	mg/L	0.0500		109	85-115	2.92	20	

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dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

www.GreenAnalytical.com

Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

Dissolved Mercury by CVAA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B406069 - EPA 245.1/7470

Blank (B406069-BLK1)

Prepared & Analyzed: 06/09/14

Mercury	ND	0.0002	mg/L
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LCS (B406069-BS1)

Prepared & Analyzed: 06/09/14

Mercury	0.0020	0.0002	mg/L	0.00200	100	85-115
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LCS Dup (B406069-BSD1)

Prepared & Analyzed: 06/09/14

Mercury	0.0021	0.0002	mg/L	0.00200	103	85-115	2.36	20
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Wildcat Mining Corporation
3926 North State Hwy 67
Sedalia CO, 80135

Project: Wildcat GW
Project Name / Number: [none]
Project Manager: George Robinson

Reported:
06/11/14 12:43

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
RPD Relative Percent Difference
LCS Laboratory Control Sample (Blank Spike)
RL Report Limit
MDL Method Detection Limit

Green Analytical Laboratories

Debbie Zufelt, Reports Manager

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CHAIN OF CUSTODY RECORD

Page of

Client: Urbana
 Contact: George Robinson
 Address: 3926 N. STATE HWY E7
Seebie, CO 80133
 Phone Number: 720-641-2534
 Email: george.robinson@ur2inc.com

NOTES:
 1) Ensure proper container packaging.
 2) Ship samples promptly following collection.
 3) Designate Sample Reject Disposition.
 PO# _____
 Project Name: _____

Table 1. - Matrix Type
 1 = Surface Water, 2 = Ground Water
 3 = Soil/Sediment, 4 = Prod.W., 5 = Oil
 6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY
 GAL JOB #
1405-255

Samplers Signature: _____

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227		Address: 75 Suttle Street, Durango, CO 81303 www.greenanalytical.com		Analyses Required										#18 12.6°C on ice Comments
Sample ID	Collection		Miscellaneous			Preservative(s)					Specimen #			
	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4		NAOH	Other (Specify)	
1. LP-GW-1	5/28/14	10:03	[Signature]	✓	6		1	2		1		1		
2. ID-GW-1	5/28/14	10:50	[Signature]	✓	5		1	2		1		1		
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														

Relinquished by: [Signature]	Date: 5/28/14	Time: 7:15 P.M.	Received by: [Signature]	Date: 5-28-14	Time: 1315
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

* Sample Reject: [] Return [X] Dispose [] Store (30 Days)

Project Information

Wildcat Mining Corporation

3926 North State Hwy 67
Sedalia, CO 80135

Laboratory PM: Debbie Zufelt

Phone:(303) 832-7664
Fax:(303) 832-7469

5/27/2014

Project Name:	Wildcat GW	Invoice To:	Wildcat Mining Corporation
Project Number:	Wildcat GW	Invoice Bid:	Wildcat GW
Client PM:	George Robinson	Invoice Manager:	George Robinson
Comments:			

Analysis	Comment
----------	---------

Aluminum Dissolved by ICP
Antimony Dissolved by ICPMS
Arsenic Dissolved by ICPMS
Barium Dissolved by ICPMS
Beryllium Dissolved by ICPMS
Boron Dissolved by ICP
Cadmium Dissolved by ICPMS
Chromium Dissolved by ICPMS
Cobalt Dissolved by ICPMS
Copper Dissolved by ICPMS
Cyanide, WAD
Fluoride
Iron Dissolved by ICP
Lead Dissolved by ICPMS
Manganese Dissolved by ICPMS
Mercury Dissolved by CVAA
Molybdenum Dissolved by ICPM
Nickel Dissolved by ICPMS
Nitrate and Nitrite Package
pH
Selenium Dissolved by ICPMS
Silver Dissolved by ICPMS
Sodium Dissolved by ICP
Solids, Total Dissolved (TDS)
Sulfate
Thallium Dissolved by ICPMS
Uranium Dissolved by ICPMS
Vanadium Dissolved by ICPMS
Zinc Dissolved by ICPMS

Nitrate and Nitrite Package subanalyses:

Nitrate/Nitrite as N
Nitrite as N

George M.L. Robinson
3926 North State Hwy 67
Sedalia, Colorado 80135

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Ms. Virginia Brannon
Division Director
Colorado Division of Reclamation Mining and Safety
Department of Natural Resources
1313 Sherman Street, Suite 215
Denver, Colorado 80203

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