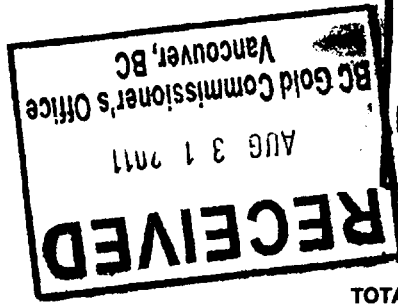




Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey



TYPE OF REPORT [type of survey(s)]: ROCK GEOCHEMISTRY

TOTAL COST: \$10,887.50

AUTHOR(S): SEAN KENNEDY

SIGNATURE(S): \_\_\_\_\_

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): \_\_\_\_\_

YEAR OF WORK: 2010

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4801547

PROPERTY NAME: Rosetta Stone

CLAIM NAME(S) (on which the work was done): 538605

COMMODITIES SOUGHT: GOLD

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Slocan

NTS/BCGS: 82K 001, 002, 003, 011, 012, 013

LATITUDE: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " \_\_\_\_\_ " (at centre of work)

LONGITUDE: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " \_\_\_\_\_ " (at centre of work)

OWNER(S):

1) Kootenay Gold Inc

2) \_\_\_\_\_

MAILING ADDRESS:

Suite 920 - 1055 W. Hastings St.

Vancouver, British Columbia Canada V6E 2E9

OPERATOR(S) [who paid for the work]:

1) Theia Resources

2) \_\_\_\_\_

MAILING ADDRESS:

Suite 920 - 1055 W. Hastings St.

Vancouver, British Columbia Canada V6E 2E9

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Gold mineralization hosted in silicified anastomizing polymictic breccias at an aplite/sediment contact.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: \_\_\_\_\_

32,087

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
<b>Ground</b>			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
<b>Airborne</b>			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil			
Silt			
Rock 38 (includes labour, clearing showing, sawing etc)	538605		\$8107
Other Equipment rental, back-hoe, etc			\$2230.5
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other Food and accommodations, report			\$550
<b>TOTAL COST:</b>			<b>\$10,887.50</b>

**CHANNEL SAMPLING AND ROCK GEOCHEMISTRY PROGRAM**

32,087

**ROSETTA STONE MINERAL CLAIMS**

**SOUTHEAST, BC**

**BC Geological Survey  
Assessment Report  
32087**

**SLOCAN MINING DIVISION**

**82K 001, 002, 003, 011, 012, 013**

**OWNER: KOOTENAY GOLD INC**

**VANCOUVER, BC**

**OPERATOR: THEIA RESOURCES**

**VANCOUVER, BC**

**REPORT WRITTEN BY SEAN KENNEDY, PROSPECTOR**

**JANUARY, 2011**

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**INTRODUCTION**

A channel sampling program was conducted on the Rosetta Stone property during the end of September, 2010. Work consisted of clearing an outcrop by hand for an area of approximately 30 X 3 metres, power washing the outcrop, and systematically sawing and sampling the exposed zone. During the program a backhoe was utilized to provide maintenance on a road that was built the previous season to access the showing.

**PROPERTY**

The property is wholly owned by Kootenay Gold Inc under option to Theia Resources. The claim map is on page 7. A complete list of property tenures and names is below.

Tenure #	Name	Tenure #	Name
536449	REMAC	559986	MOREMAC 3
538604	REMAC 2	560562	NORMAC 1
538605	REMAC 3	560563	NORMAC 2
543592	SHAN	560724	WESTMAC 1
558556	REMAC 4	560725	WESTMAC 2
558557	REMAC 5	560726	WESTMAC 3
558558	REMAC 6	579415	MACEAST 1
558559	REMAC 7	579419	MACEAST 2
558560	REMAC 8	579425	MACEAST 3
558561	REMAC 9	579427	MACEAST 4
558562	REMAC 10	579430	MACEAST 5
558563	REMAC 11	579433	MACWEST 1
559984	MOREMAC 1	617943	LMAC
559985	MOREMAC 2		

**LOCATION AND ACCESS**

The property is located 12 km south of the village of Nakusp in southeastern BC. Access is provided by the McDonald Creek, Caribou Creek, Summit Lake, and Shannon Creek FSRs. Various logging and exploration roads provide additional access.

**PHYSIOGRAPHY**

The property straddles rugged mountainous terrain in the Selkirk Mountains of southeastern BC. Vertical relief is in excess of 1400 metres with the highest mountains being over 2400 metres high. Hillsides are generally steep and forest covered to high elevations with a mix of cedar-hemlock on lower elevations and spruce- balsam at higher ones. Vegetation can be quite thick in slide paths and creeks particularly with a mix of devil's club, stinging nettle, and alder. Hucklberry and rhododendron is also

quite common. Portions of the property have been clear-cut logged and are in various stages of regeneration. Precipitation is common for this part of the province with a high rainfall and heavy snowpack. The field season generally is cooperative from mid June to late September.

#### HISTORY

No historic workings have been located or examined to date on the property although the area has seen exploration activity from the late 1800s to present. The majority of recorded work conducted on the property was during the 1980s after the discovery of the high-grade gold skarns at Tillicum Mountain. During this period much of the property was held in piecemeal fragments and explored with soil, silt, and rock geochemistry. The most intensive work was conducted on the Mountain Meadow area where trenching and drill testing of narrow high-grade gold bearing veins hosted by the Jurassic age, Ruby Range grano-diorite occurred. A number of showings that are either crown-granted or just outside the claim block have seen limited production (gold/silver) these include: Tillicum Mountain, Millie Mac, Hailstorm, Cheifan, Eureka, Skylark and Promsetora.

The current claim block was acquired by prospector Tom Kennedy after discovery of the Rosetta Stone showing in 2006. Subsequently the property was optioned to Kootenay Gold Inc who later optioned it to current operator Theia Resources. Grab samples with high grade gold from 2006 were verified by further composite sampling of the epithermal breccia in 2007, and the showing was drill tested in 2009. The zone is exposed on the edge of a clear-cut logging block above what is referred to as Walton Creek, a branch of Caribou Creek (a former gold placer producing drainage) and is characterized by anastomizing, polymictic, smokey-pervasive-drusy-silica textured, pyrite, sericite, carbonate bearing hydrothermal breccias. The zone occurs at the contact of an aplitic body and metamorphosed sediment (pelite/schist) and is roughly east-west trending with a steep to vertical dip. Drilling in 2009 expanded the strike length and width of the showing and encountered significant intercepts of anomalous gold values, including a number of intercepts with values exceeding 1 g/t Au over 1 metre lengths.

#### PROPERTY GEOLOGY

The property is underlain by a sequence of Devonian metasediments and Triassic phyllites and mafic volcanics that have been intruded by Jurassic diorite porphyry dikes and sills, Cretaceous granite stocks and dikes, and Tertiary lamprophyre dikes. The property covers a southeast plunging gentle anticline roughly parallel to McDonald Creek. North-south trending faults (Tertiary?) dissect the property.

#### CHANNEL SAMPLE PROGRAM

A sketch map of the showing including sample locations and gold values in ppb is located on page 8 a sketch showing geological information is on page 9. The process of channel sampling was conducted by sawing two parallel channels approximately 8 cms apart, chiselling out the entire length of the sample to a consistent depth, and bagging the entire sample. Samples were shipped to Acme Labs in Vancouver and analyzed for a Group IDX with a 30 gram test sample. Information including sample width, notes, and analysis is located in the Appendix.

Four days were spent on the project in 2010. Initially the showing was cleared by hand with shovels and grub-hoes for an area of approximately 30 metres 1.5-4 metres. Overburden was generally gravelly with alder and huckleberry bushes, typical of the logging block in general. The showing was then power washed, with rented equipment, and cleaned. Sample sites were laid out to cross the main fabric of the breccias along metre spacings and generally for metre long intervals. Additional samples were laid out to cross the breccias, where they were more intense, in diagonal directions. A back-hoe was also utilized to do some maintenance to the road built in 2009 to access the showing. During the program various equipment malfunctions (broken pump, improper pump-hose fittings, broken saw blade) delayed completion as the services to rectify the problems were located in the city of Castlegar, approximately 2.5 hours to the south.

Results from the program were highly encouraging with 25 samples returning multi-gram gold values with the highest grade being 31.8 g/t. The remainder of the samples were all anomalous in gold. The average value of the 38 samples was 4.3 g/t Au.

#### CONCLUSIONS AND RECOMMENDATIONS

During the end of September, 2010 a channel sampling program was conducted on the Rosetta Stone property in southeast BC. 38 samples were taken from a zone of silicified and brecciated aplitic granite. High grade gold up to 31.8 g/t was obtained from metre long intervals along a strike length of approximately 30 metres.

Presently it is recommended that additional diamond drilling be conducted on the showing to try to duplicate the results obtained from the channel sample program as well as testing along strike and down dip to increase the size of the zone. Further work, including mapping and hand trenching should be conducted in areas where mineralization similar to the Rosetta Stone showing exists. Additional helicopter supported prospecting and recon mapping should be conducted in the more inaccessible areas of the property.

STATEMENT OF COSTS

Sean Kennedy	4 Mandays @ 350	1,400.00
	4 Truck days @150	600.00
Mike Kennedy	4 Mandays @ 350	1,400.00
	4 Truck days @150	600.00
Tom Kennedy	4 Mandays @ 350	1,400.00
Mark Best	4 Mandays @ 275	1,100.00
	4 Truck days @ 150	600.00
Food & Accommodations		200.00
Misc expenses		468.00
Ranger Rental	3 days @100	300.00
Backhoe Rental		1,462.50
38 Samples @ 26.50 (includes freight)		1,007.00
1 Report Day	1 @ 350	<u>350.00</u>
	Total	<u>\$ 10,887.50</u>

STATEMENT OF QUALIFICATIONS

I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 107 6<sup>TH</sup> Avenue, Kimberley, BC.
2. I have been actively prospecting in BC, Nevada, and Mexico for the past 15 years
3. I have been employed as a professional prospector by junior mineral exploration companies.
4. I own and maintain mineral claims in BC.



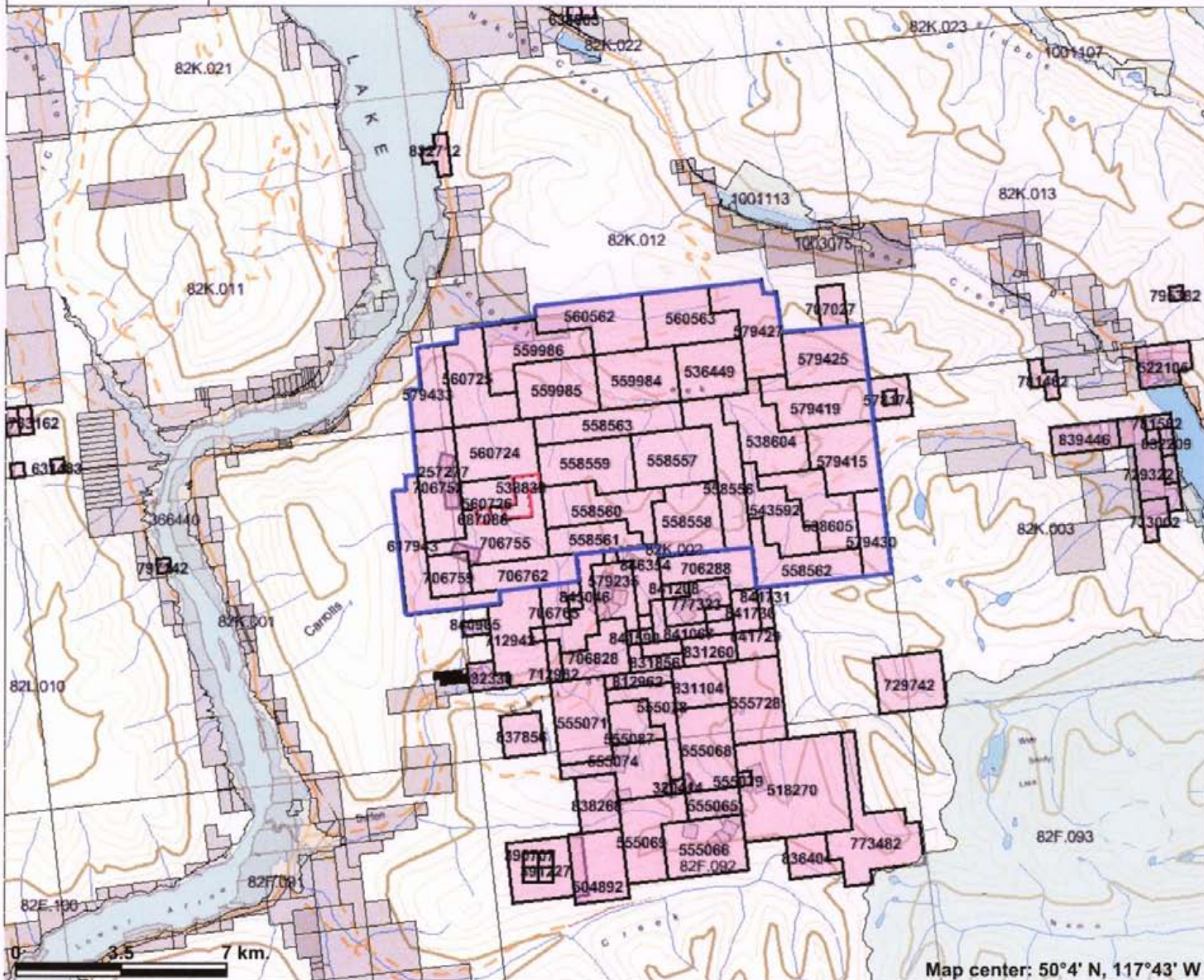
# Rosetta Stone Claim Map



### Legend

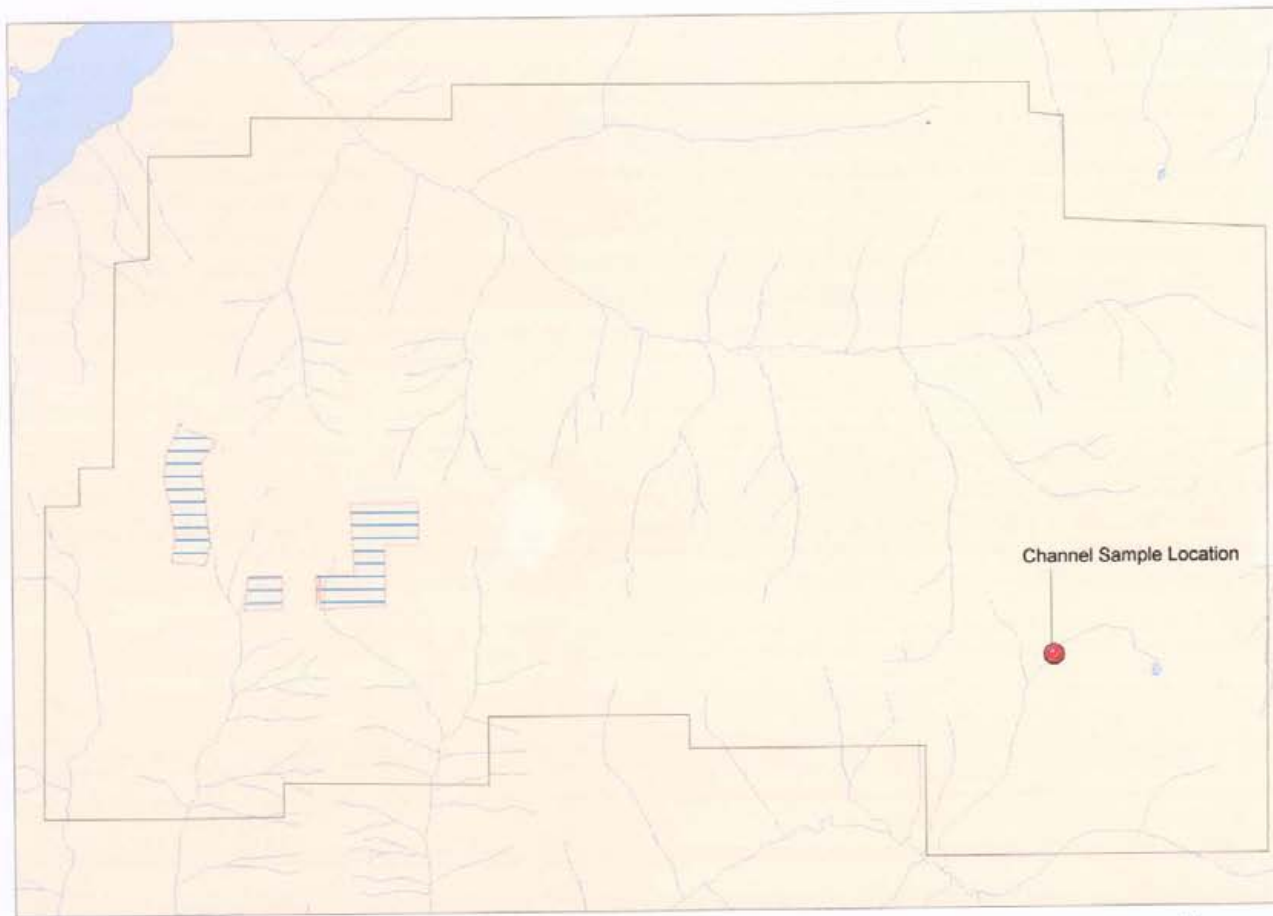
- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Mineral Tenure (current)
  - Mineral Claim
  - Mineral Lease
  - Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
  - Contour - Index
  - Contour - Intermediate
  - Area of Exclusion
  - Area of Indefinite Contours
  - Annotation (1:250K)
  - Transportation - Points (1:250K)
- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown

Scale: 1:200,000

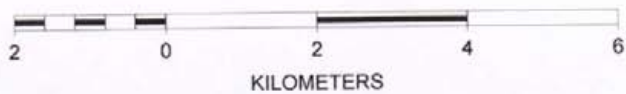


This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Third party claims shown in red



SCALE 1 : 100,000

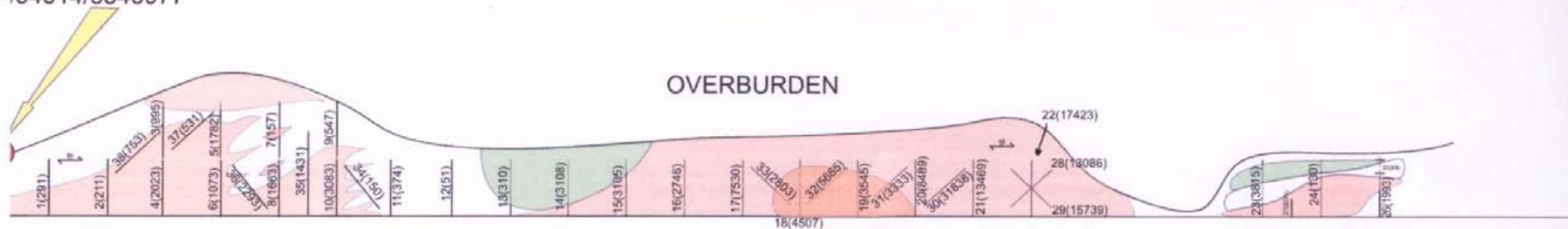




ROSETTA STONE 2010 CHANNEL SAMPLE SKETCH MAP  
 SAMPLE NUMBER WITH GOLD IN PPB



454014/5545977



1 CM = 1 M  
 1:100

CREEK

- MODERATE-STRONGLY DEVELOPED HYDROTHERMAL BRECCIA
- ◐ MOKEY SILICA, MILLED/FLUIDIZED FRAGMENTS, INTRUSIVE
- ◑ HOSTED, PY, INTENSE SILICIFICATION
- ◒ UGARY BROWNISH (FE CARB + GOE ALT)
- ◓ TZ RICH APLITIC GRANITE
- ◔ STRONGLY SERICITE ALT MUD/PHYLLITE
- ◕ (CAB ON GRANITE)
- ◖ WEAKLY BRECCIATED BROWN COLOURED GRANITE,
- ◗ THIN QUARTZ VEINS (FE CARB/PY)



# AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

[www.acmelab.com](http://www.acmelab.com)

**Client:** Kootenay Gold Inc.  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

Submitted By: Email Distribution List  
Receiving Lab: Canada-Vancouver  
Received: October 06, 2010  
Report Date: October 26, 2010  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

VAN10005235.1

### CLIENT JOB INFORMATION

Project: ROSETTA  
Shipment ID:  
P.O. Number  
Number of Samples: 38

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	38	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX3	38	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Kootenay Gold Inc.  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9  
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.

\*\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.  
1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Kootenay Gold Inc.**  
Suite 920 - 1055 W. Hastings St.  
Vancouver BC V6E 2E9 Canada

Project: ROSETTA  
Report Date: October 26, 2010

Page: 2 of 3 Part 1

# CERTIFICATE OF ANALYSIS

VAN10005235.1

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
RSC10-1	Rock	2.84	1.2	6.7	36.4	52	1.0	2.2	8.7	138	0.76	14.3	0.7	291.2	2.3	20	0.3	1.2	0.4	4	0.08
RSC10-2	Rock	2.66	0.8	7.2	46.3	43	1.2	2.2	11.0	97	0.70	14.0	0.9	211.1	2.3	18	0.2	1.4	0.6	4	0.07
RSC10-3	Rock	4.17	0.6	2.8	37.1	67	2.7	1.4	3.7	110	0.72	10.3	1.2	995.6	2.5	17	0.4	0.8	0.9	5	0.07
RSC10-4	Rock	3.61	1.8	6.6	33.4	62	4.9	2.0	7.4	107	0.76	16.4	1.0	2023	2.3	22	0.4	2.3	0.6	4	0.14
RSC10-5	Rock	4.92	0.7	4.5	55.4	80	2.3	1.9	6.4	111	0.76	12.2	0.7	1782	1.8	20	0.3	1.2	1.1	6	0.06
RSC10-6	Rock	4.44	1.1	3.5	28.8	60	4.9	1.4	4.6	112	0.68	9.8	0.7	1073	2.1	20	0.3	1.2	0.2	4	0.13
RSC10-7	Rock	5.50	0.9	3.2	22.2	63	0.8	0.8	2.7	114	0.79	6.2	0.7	157.3	1.9	18	0.3	0.7	0.2	5	0.07
RSC10-8	Rock	5.09	0.3	5.1	17.4	47	3.1	1.8	6.5	110	0.72	12.0	0.5	1683	2.4	23	0.2	1.9	0.3	9	0.11
RSC10-9	Rock	4.24	0.4	6.1	135.5	66	5.9	2.2	8.9	167	0.69	8.5	9.4	547.1	1.9	19	6.3	1.1	4.0	5	0.12
RSC10-10	Rock	6.06	1.9	5.8	30.0	49	4.6	1.8	8.5	92	0.63	6.2	0.7	3083	2.0	13	0.2	0.9	0.3	4	0.05
RSC10-11	Rock	4.92	0.3	3.6	32.2	72	1.8	1.2	4.9	159	0.68	4.7	0.8	374.2	2.4	23	0.4	0.9	0.2	5	0.12
RSC10-12	Rock	3.10	0.3	2.4	40.3	75	1.1	0.9	1.9	172	0.83	5.2	1.2	51.7	3.1	42	0.5	0.7	1.1	8	0.25
RSC10-13	Rock	2.86	0.4	7.0	46.6	64	1.2	2.4	11.5	148	0.79	7.3	1.3	310.4	2.6	25	0.4	1.4	0.4	6	0.13
RSC10-14	Rock	5.44	0.3	2.9	49.2	84	3.2	1.0	3.1	162	0.76	7.7	0.9	3108	2.5	34	0.5	0.6	0.4	7	0.22
RSC10-15	Rock	3.39	1.7	6.4	88.0	30	4.3	2.0	10.7	98	0.64	7.0	0.6	3105	1.7	16	0.2	0.8	1.6	4	0.06
RSC10-16	Rock	4.53	1.5	25.5	37.4	76	5.8	10.9	14.0	229	1.45	7.1	1.0	2746	4.7	27	0.4	1.5	0.3	15	0.21
RSC10-17	Rock	3.31	1.6	55.2	71.8	122	8.5	30.7	18.0	319	1.80	4.3	1.1	7530	5.9	43	6.6	5.1	0.3	16	0.32
RSC10-18	Rock	5.41	6.7	48.5	25.3	72	5.8	23.7	28.9	309	1.95	5.0	1.4	4507	6.2	51	0.3	1.5	0.1	22	0.21
RSC10-19	Rock	3.06	6.9	26.5	24.2	58	3.8	20.0	15.4	234	1.58	2.6	1.3	3545	5.8	65	0.3	1.3	0.2	19	0.24
RSC10-20	Rock	5.43	4.7	31.6	60.4	70	6.1	20.1	19.0	282	1.66	3.1	1.1	8489	5.4	49	0.3	1.3	0.4	20	0.20
RSC10-21	Rock	3.44	2.8	66.1	24.7	68	10.1	23.9	29.2	234	1.50	3.5	1.0	13469	5.1	59	9.3	1.9	0.2	15	0.19
RSC10-22	Rock	5.82	3.4	48.0	39.9	79	14.1	17.0	19.7	218	1.32	4.6	0.9	17423	4.0	64	0.6	2.0	0.9	14	0.22
RSC10-23	Rock	3.83	0.8	16.3	33.2	57	4.4	4.2	13.7	142	0.75	8.1	0.5	3815	3.0	55	0.4	1.2	0.4	8	0.24
RSC10-24	Rock	2.50	1.9	21.4	26.3	55	1.7	8.8	19.2	140	0.76	11.5	0.7	130.7	3.3	53	0.3	4.3	0.3	8	0.21
RSC10-25	Rock	2.03	0.7	7.0	24.8	69	0.6	3.2	6.8	144	0.85	9.1	6.5	94.2	3.3	59	0.4	0.7	0.2	9	0.17
RSC10-26	Rock	1.38	4.0	12.8	41.5	89	3.8	7.1	13.6	151	1.51	28.3	0.8	1993	4.6	73	0.6	5.9	0.3	11	0.25
RSC10-27	Rock	1.03	2.9	70.1	16.1	82	6.1	39.8	29.1	374	1.68	5.2	0.9	2270	4.8	243	0.5	21.2	0.2	27	0.78
RSC10-28	Rock	4.31	3.1	38.7	38.6	93	10.2	21.2	22.2	259	1.66	2.0	1.0	13086	4.3	75	0.5	1.5	0.2	20	0.19
RSC10-29	Rock	4.75	6.4	33.8	18.1	49	12.7	12.9	19.8	182	1.16	1.8	0.7	15739	3.3	55	6.2	1.3	0.1	13	0.16
RSC10-30	Rock	3.40	3.3	41.5	49.1	106	19.1	21.5	20.5	260	1.65	1.8	1.0	31838	4.1	83	0.7	1.9	0.2	21	0.23

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Kootenay Gold Inc.**  
 Suite 920 - 1055 W. Hastings St.  
 Vancouver BC V8E 2E9 Canada

Project: ROSETTA  
 Report Date: October 26, 2010

Page: 2 of 3 Part 2

**CERTIFICATE OF ANALYSIS**

**VAN10005235.1**

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
RSC10-1	Rock	0.016	6	4	0.02	24	<0.001	<1	0.19	0.034	0.06	<0.1	0.08	0.3	<0.1	0.25	<1	2.7	<0.2
RSC10-2	Rock	0.015	5	6	0.02	25	0.001	<1	0.18	0.041	0.07	<0.1	0.05	0.2	<0.1	0.25	<1	3.6	<0.2
RSC10-3	Rock	0.013	6	4	0.03	17	<0.001	<1	0.15	0.042	0.05	<0.1	0.04	0.2	<0.1	0.21	<1	2.5	<0.2
RSC10-4	Rock	0.015	7	5	0.03	25	<0.001	<1	0.20	0.035	0.06	<0.1	0.06	0.3	<0.1	0.28	<1	3.2	<0.2
RSC10-5	Rock	0.013	5	7	0.02	23	<0.001	<1	0.14	0.041	0.05	<0.1	0.01	0.3	<0.1	0.17	<1	4.1	<0.2
RSC10-6	Rock	0.013	6	5	0.03	17	<0.001	1	0.16	0.037	0.05	<0.1	0.04	0.2	<0.1	0.19	<1	2.3	0.3
RSC10-7	Rock	0.013	5	5	0.02	17	<0.001	<1	0.13	0.047	0.05	<0.1	0.03	0.2	<0.1	0.26	<1	1.4	<0.2
RSC10-8	Rock	0.015	8	6	0.04	18	<0.001	<1	0.15	0.037	0.05	<0.1	0.04	0.2	<0.1	0.23	<1	1.5	<0.2
RSC10-9	Rock	0.013	3	5	0.02	24	0.001	<1	0.17	0.037	0.05	0.1	0.04	0.3	<0.1	0.19	<1	0.9	0.4
RSC10-10	Rock	0.010	4	4	0.02	14	<0.001	<1	0.16	0.031	0.04	<0.1	0.04	0.1	<0.1	0.19	<1	1.4	<0.2
RSC10-11	Rock	0.013	7	7	0.03	19	<0.001	<1	0.14	0.039	0.04	<0.1	0.03	0.2	<0.1	0.17	<1	1.9	<0.2
RSC10-12	Rock	0.018	10	5	0.06	27	0.001	<1	0.17	0.066	0.06	<0.1	0.04	0.3	<0.1	0.21	1	2.5	<0.2
RSC10-13	Rock	0.013	7	8	0.03	19	<0.001	<1	0.14	0.051	0.05	<0.1	0.02	0.2	<0.1	0.22	<1	1.8	<0.2
RSC10-14	Rock	0.016	9	8	0.05	21	<0.001	<1	0.15	0.049	0.05	<0.1	0.03	0.3	<0.1	0.20	<1	2.8	<0.2
RSC10-15	Rock	0.010	3	10	0.01	17	<0.001	<1	0.13	0.037	0.05	<0.1	0.05	0.2	<0.1	0.16	<1	5.3	<0.2
RSC10-16	Rock	0.022	11	13	0.16	25	0.005	<1	0.26	0.018	0.11	0.4	0.11	1.0	<0.1	0.26	2	3.7	<0.2
RSC10-17	Rock	0.026	16	15	0.35	53	0.005	<1	0.40	0.012	0.20	0.2	0.04	1.3	0.2	0.34	2	5.2	<0.2
RSC10-18	Rock	0.035	17	20	0.36	27	0.008	<1	0.34	0.014	0.15	0.3	0.02	1.7	0.1	0.32	2	2.7	<0.2
RSC10-19	Rock	0.027	17	19	0.34	36	0.007	1	0.39	0.016	0.17	0.2	0.01	1.4	0.2	0.17	2	1.4	<0.2
RSC10-20	Rock	0.027	15	19	0.43	27	0.004	<1	0.34	0.015	0.11	0.2	0.04	1.2	<0.1	0.14	2	3.6	<0.2
RSC10-21	Rock	0.021	13	20	0.36	40	0.009	<1	0.34	0.010	0.17	0.2	0.04	1.2	0.1	0.23	2	3.0	<0.2
RSC10-22	Rock	0.021	12	16	0.30	29	0.003	1	0.26	0.010	0.11	<0.1	0.05	1.0	<0.1	0.19	1	3.0	0.2
RSC10-23	Rock	0.013	9	11	0.08	22	0.002	<1	0.16	0.037	0.06	0.1	0.03	0.4	<0.1	0.20	1	2.9	<0.2
RSC10-24	Rock	0.011	9	10	0.11	18	<0.001	<1	0.16	0.027	0.07	<0.1	0.01	0.4	<0.1	0.22	1	2.0	<0.2
RSC10-25	Rock	0.011	9	8	0.10	19	0.001	<1	0.14	0.043	0.05	<0.1	<0.01	0.5	<0.1	0.21	1	1.7	<0.2
RSC10-26	Rock	0.016	12	11	0.16	183	0.001	<1	0.24	0.030	0.10	0.1	0.02	0.7	0.2	0.69	2	4.1	<0.2
RSC10-27	Rock	0.027	15	24	0.59	36	0.010	1	0.43	0.005	0.20	0.3	0.06	2.4	0.1	0.16	3	2.0	<0.2
RSC10-28	Rock	0.023	13	15	0.45	41	0.008	<1	0.39	0.011	0.16	<0.1	0.02	1.4	<0.1	0.14	2	3.4	<0.2
RSC10-29	Rock	0.016	10	15	0.26	71	0.003	<1	0.24	0.010	0.11	<0.1	0.05	0.9	<0.1	0.15	1	2.6	<0.2
RSC10-30	Rock	0.023	12	16	0.45	36	0.009	1	0.37	0.010	0.16	0.1	0.06	1.4	<0.1	0.22	2	6.0	<0.2

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Project: ROSETTA  
 Report Date: October 26, 2010

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**CERTIFICATE OF ANALYSIS**

**VAN10005235.1**

Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
RSC10-31	Rock	1.83	4.3	24.6	15.3	39	3.5	12.4	13.6	191	1.31	1.2	1.1	3333	3.8	48	0.1	0.9	0.1	15	0.17
RSC10-32	Rock	2.74	7.7	21.1	35.8	46	3.5	12.0	17.0	158	1.17	1.3	1.2	5685	3.4	61	0.3	0.9	0.6	13	0.16
RSC10-33	Rock	2.72	4.3	49.8	25.4	81	5.2	29.1	26.7	293	1.80	3.4	1.0	2803	4.7	44	0.4	3.1	0.2	27	0.16
RSC10-34	Rock	3.98	1.9	6.6	25.4	59	0.9	1.2	8.6	114	0.63	6.8	1.1	150.5	2.6	12	0.4	1.2	0.2	4	0.03
RSC10-35	Rock	5.24	0.5	4.0	19.9	54	2.8	1.2	5.3	.86	0.65	8.2	0.6	1431	1.7	17	0.4	1.0	0.3	5	0.04
RSC10-36	Rock	3.42	0.6	6.4	36.0	46	6.4	2.0	10.1	91	0.69	12.8	0.6	2293	1.5	20	0.2	1.4	1.4	4	0.07
RSC10-37	Rock	4.70	0.3	7.7	19.6	57	1.4	2.1	11.9	99	0.67	8.7	0.8	531.0	1.6	20	0.3	1.5	0.1	6	0.10
RSC10-38	Rock	4.32	0.4	4.6	19.5	55	1.3	1.4	8.5	94	0.65	11.5	1.0	753.3	1.8	17	0.3	1.3	0.1	5	0.05

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Project: ROSETTA  
 Report Date: October 26, 2010

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**CERTIFICATE OF ANALYSIS**

**VAN10005235.1**

Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
RSC10-31	Rock	0.023	12	14	0.31	27	0.005	<1	0.30	0.011	0.13	0.1	0.01	1.2	<0.1	0.15	2	1.4	<0.2
RSC10-32	Rock	0.021	11	11	0.26	27	0.004	<1	0.24	0.012	0.12	0.2	0.01	0.9	<0.1	0.14	<1	1.7	<0.2
RSC10-33	Rock	0.032	14	22	0.40	44	0.016	<1	0.52	0.013	0.26	0.4	0.03	2.1	0.1	0.31	2	3.1	<0.2
RSC10-34	Rock	0.008	3	5	0.02	16	<0.001	<1	0.12	0.039	0.04	<0.1	0.02	0.2	<0.1	0.22	<1	1.1	<0.2
RSC10-35	Rock	0.013	6	6	0.03	16	<0.001	<1	0.17	0.037	0.05	<0.1	0.02	0.2	<0.1	0.18	<1	1.9	<0.2
RSC10-36	Rock	0.012	6	5	0.01	19	<0.001	<1	0.19	0.035	0.06	<0.1	0.04	0.2	<0.1	0.24	1	4.1	<0.2
RSC10-37	Rock	0.015	6	5	0.05	18	<0.001	<1	0.18	0.041	0.05	<0.1	0.03	0.2	<0.1	0.17	<1	2.4	<0.2
RSC10-38	Rock	0.015	5	5	0.03	18	<0.001	<1	0.17	0.042	0.05	<0.1	0.02	0.2	<0.1	0.19	<1	2.4	<0.2

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Project: ROSETTA  
 Report Date: October 26, 2010

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**QUALITY CONTROL REPORT**

**VAN10005235.1**

Method	Analyte	Unit	MDL	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30			
				Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
				kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
				0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																								
REP G1	QC				0.4	2.4	3.7	43	<0.1	3.5	4.4	531	1.76	0.8	2.0	<0.5	5.9	44	<0.1	<0.1	<0.1	34	0.44	
Core Reject Duplicates																								
RSC10-14	Rock			5.44	0.3	2.9	49.2	84	3.2	1.0	3.1	162	0.78	7.7	0.9	3108	2.5	34	0.5	0.6	0.4	7	0.22	
DUP RSC10-14	QC				0.4	3.3	45.2	84	2.4	1.4	3.3	160	0.80	7.7	0.9	2200	2.5	33	0.4	0.7	0.4	7	0.22	
Reference Materials																								
STD DS7	Standard				23.6	120.0	75.3	401	1.0	59.2	10.2	624	2.42	45.6	5.1	78.1	5.0	65	5.8	5.5	4.5	82	0.97	
STD DS7	Standard				22.5	120.3	75.6	389	1.1	57.4	10.3	625	2.43	46.2	5.2	68.9	5.2	69	5.5	5.8	4.3	83	0.98	
STD DS7	Standard				19.0	96.5	66.9	348	0.9	50.2	8.2	562	2.19	44.9	4.7	76.9	4.4	69	5.4	5.3	4.1	75	0.90	
STD DS7	Standard				18.9	99.2	69.3	368	0.9	52.5	8.5	593	2.29	47.0	4.7	78.3	4.4	76	5.8	5.7	4.2	77	0.93	
STD DS7	Standard				19.5	108.7	72.5	388	0.9	53.3	9.0	607	2.34	51.7	5.1	87.0	4.6	65	6.3	5.6	5.0	80	0.91	
STD DS7	Standard				18.5	99.8	66.0	358	0.8	47.1	8.1	566	2.17	46.8	4.7	58.0	4.3	63	5.9	5.0	4.6	75	0.85	
STD DS7 Expected					20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	17.1	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
Prep Wash																								
G1	Prep Blank				<0.01																			
G1	Prep Blank				<0.01	0.1	2.2	3.8	45	<0.1	3.6	4.5	569	1.82	0.6	1.8	<0.5	5.5	46	<0.1	<0.1	<0.1	34	0.52
G1	Prep Blank				0.2	2.1	3.8	42	<0.1	3.3	4.4	535	1.79	<0.5	1.9	<0.5	5.8	44	<0.1	<0.1	<0.1	33	0.46	

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Project: ROSETTA  
 Report Date: October 26, 2010

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QUALITY CONTROL REPORT

VAN10005235.1

Method	Analyte	Unit	MDL	1DX30 P	1DX30 La	1DX30 Cr	1DX30 Mg	1DX30 Ba	1DX30 Ti	1DX30 B	1DX30 Al	1DX30 Na	1DX30 K	1DX30 W	1DX30 Hg	1DX30 Sc	1DX30 Tl	1DX30 S	1DX30 Ga	1DX30 Se	1DX30 Te
				%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
				0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																					
REP G1	QC			0.076	10	9	0.53	170	0.138	1	0.87	0.064	0.47	0.2	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2
Core Reject Duplicates																					
RSC10-14	Rock			0.016	9	8	0.05	21	<0.001	<1	0.15	0.049	0.05	<0.1	0.03	0.3	<0.1	0.20	<1	2.8	<0.2
DUP RSC10-14	QC			0.016	9	8	0.05	20	<0.001	<1	0.15	0.051	0.05	<0.1	0.02	0.3	<0.1	0.20	<1	2.0	<0.2
Reference Materials																					
STD DS7	Standard			0.069	12	215	1.08	363	0.136	35	1.03	0.093	0.43	3.7	0.23	2.5	4.0	0.20	5	2.4	2.2
STD DS7	Standard			0.068	13	220	1.06	380	0.142	34	1.05	0.096	0.44	3.8	0.23	2.4	3.8	0.20	5	3.2	1.2
STD DS7	Standard			0.067	13	192	0.97	362	0.112	39	0.97	0.088	0.42	3.2	0.22	2.2	3.6	0.18	4	2.4	0.9
STD DS7	Standard			0.070	13	201	0.99	384	0.123	39	0.99	0.091	0.45	3.7	0.21	2.5	3.7	0.19	4	3.4	1.4
STD DS7	Standard			0.078	11	190	1.04	339	0.108	38	0.97	0.089	0.45	3.8	0.21	2.2	4.3	0.19	5	2.1	1.4
STD DS7	Standard			0.072	10	177	0.95	316	0.101	33	0.90	0.081	0.42	3.5	0.18	2.0	3.8	0.18	5	2.6	1.9
STD DS7 Expected				0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
BLK	Blank			<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank			<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank			<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																					
G1	Prep Blank																				
G1	Prep Blank			0.074	9	9	0.56	162	0.135	<1	0.92	0.078	0.48	0.4	<0.01	1.8	0.4	<0.05	4	<0.5	<0.2
G1	Prep Blank			0.072	9	9	0.53	169	0.137	<1	0.86	0.064	0.47	0.1	<0.01	1.7	0.3	<0.05	4	<0.5	<0.2

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