

Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Diamond Drilling

TOTAL COST: \$335,997

AUTHOR(S): Dirk Meckert

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): approval number is 12-0100406-1011

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event number 5471232/ Oct 9th 2013

PROPERTY NAME: Red Mountain

CLAIM NAME(S) (on which the work was done): 513001

COMMODITIES SOUGHT: Gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 103P 086

MINING DIVISION: Skeena

NTS/BCGS: 103P/13

LATITUDE: 55 ° 56 '29 " LONGITUDE: 129 ° 59 '17 " (at centre of work)

OWNER(S):

1) Seabridge Gold Inc.

2)

MAILING ADDRESS:

106 Front St. E, Toronto, ON M5A 1E1

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

1) Banks Island Gold Ltd.

2)

MAILING ADDRESS:

300-1055 W. Hastings St. Vancouver, BC V6E 2E9

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

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL (number of samples analysed for...)			
Soil _____			
Silt _____			
Rock _____			
Other _____			
DRILLING (total metres; number of holes, size)			
Core 681m, 3 holes, NQ Core Size		513001	\$335,997
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY / PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST:			\$335,997

DIAMOND DRILLING OF THE MARC ZONE ON THE RED MOUNTAIN GOLD PROPERTY

Located near Stewart, BC

55°56'29"N, 129°59'17"W

NTS 103P/13

BCGS 103P.092

Skeena Mining Division

Mineral Tenures: 513001

BC Geological Survey
Assessment Report
34526

Assessment work includes: Three Diamond Drill Holes.

Operator: Banks Island Gold Ltd.

Owner: Seabridge Gold Inc.

Prepared by: Dirk Meckert, P.Geo

Danielle Mountjoy

Report Submitted: December 1, 2013

DATE AND SIGNATURE

The undersigned prepared the foregoing Technical Report entitled *Diamond Drilling of the Marc Zone on the Red Mountain Gold Property*. The effective date of this Report is December 1, 2013.

Signed:

“Signed and Sealed”

Dirk Meckert, P.Geo.
Banks Island Gold Ltd.
December 1st, 2013

CERTIFICATE OF AUTHOR

I, Dirk Meckert, P.Geo., do hereby certify that:

1. I am currently employed as Chief Geologist of:
Banks Island Gold Ltd.
Suite 300 – 1055 W Hastings St.
Vancouver, BC
2. This certificate applies to the Assessment Report entitled “*Diamond Drilling of the Marc Zone on the Red Mountain Gold Property*” dated December 1th 2013.
3. I am a graduate of the University of McGill (1996) with a Ph.D degree in Biology. I have practiced in my profession continuously for 10 years since my graduation.
4. I am a Professional Engineer registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I consent to the filing of this Assessment Report and publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of this Assessment Report.

Dated this 1st day of December 2013.

“Signed and sealed”

Dirk Meckert, P.Geo.
Banks Island Gold Ltd.

TABLE OF CONTENTS

1.0	INTRODUCTION	1-1
1.1	DIAMOND DRILLING AT THE MARC ZONE.....	1-1
2.0	PROPERTY DESCRIPTION AND LOCATION.....	2-3
2.1	PROJECT LOCATION	2-3
2.2	PROPERTY DESCRIPTION.....	2-4
2.3	AGREEMENTS	2-7
2.4	PERMITS.....	2-7
2.5	ROYALTIES.....	2-8
2.5.1	<i>UNDERLYING AGREEMENTS.....</i>	<i>2-8</i>
3.0	ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY	3-1
3.1	ACCESSIBILITY	3-1
3.2	PHYSIOGRAPHY.....	3-1
3.3	CLIMATE.....	3-1
3.3.1	<i>PRECIPITATION.....</i>	<i>3-1</i>
3.3.2	<i>TEMPERATURE</i>	<i>3-2</i>
3.3.3	<i>RELATIVE HUMIDITY.....</i>	<i>3-2</i>
3.3.4	<i>WIND.....</i>	<i>3-2</i>
3.4	OPERATING SEASON	3-2
3.5	INFRASTRUCTURE.....	3-3
3.6	SURFACE RIGHTS.....	3-3
4.0	HISTORY	4-1
4.1	EARLY HISTORY	4-1
4.2	BOND GOLD	4-1
4.3	LAC MINERALS	4-1
4.4	BARRICK GOLD / ROYAL OAK.....	4-2
4.5	NORTH AMERICAN METALS CORP.	4-2
4.6	SEABRIDGE.....	4-2
4.7	BANKS ISLAND GOLD	4-2
4.8	HISTORICAL PRODUCTION	4-3
5.0	GEOLOGICAL SETTING AND MINERALIZATION.....	5-4
5.1	GEOLOGICAL SETTING.....	5-4
5.1.1	<i>REGIONAL GEOLOGY.....</i>	<i>5-4</i>
5.1.2	<i>PROPERTY GEOLOGY.....</i>	<i>5-6</i>
6.0	2013 DIAMOND DRILLING PROGRAM	6-7
6.1	INTRODUCTION	6-7
6.2	2013 DIAMOND DRILLING DETAILS.....	6-7
6.3	SAMPLING PROCEDURES	6-1
6.4	DRILLING RESULTS	6-2
6.4.1	<i>DIS-13-01.....</i>	<i>6-2</i>
6.4.2	<i>DIS-13-02.....</i>	<i>6-5</i>
6.4.3	<i>DIS-13-03.....</i>	<i>6-5</i>
6.5	INTERPRETATIONS AND CONCLUSIONS.....	6-8
6.6	RECOMMENDATIONS	6-8

7.0	ITEMIZED COST STATEMENT.....	7-9
8.0	REFERENCES	8-1
9.0	APPENDIX A –DRILL HOLE DETAILS	
10.0	APPENDIX B –DETAILED GEOLOGICAL DRILL HOLE LOGS	
11.0	APPENDIX C – DETAILED SUMMARY OF SAMPLE ASSAYS	
12.0	APPENDIX D – ASSAY CERTIFICATES	

LIST OF TABLES

Table 2-1 Red Mountain Gold Property Mineral Tenures 2-6

LIST OF FIGURES

Figure 2-1	Property Location Overview, Red Mountain Gold Property	2-4
Figure 2-2	Claim Boundary and Mineralized Zones, Red Mountain Mineral Property	2-5
Figure 5-1	Structural and Stratigraphic Setting of Gold Mineralization at Red Mountain.....	5-5
Figure 6-1	Map of Red Mountain 2013 Drill Collar Locations	6-1
Figure 6-2	Red Mountain 2013 Drilling Cross Section. Looking Northwest	6-3
Figure 6-3	Massive Pyrite Vein in High Grade Ore from 158.15 to 158.66 m in DIS-13-01	6-4
Figure 6-4	Gold Grade, Visible Pyrite, and Sulphur Content vs Drill Hole Depth in DIS-13-01	6-4
Figure 6-5	Red Sphalerite Halo in Hanging Wall with Low Grade Ore at 151.54 m in DIS-13-03	6-6
Figure 6-6	Coarse Pyrite Veining in High Grade Ore Zone at 170 m in DIS-13-03	6-6
Figure 6-7	Gold Grade, Visible Pyrite, and Sulphur Content vs Drill Hole Depth in DIS-13-03	6-7
Figure 6-8	General Relationship between Pyrite Mineralisation Style and Gold Grade	6-7

1.0 INTRODUCTION

Banks Island Gold drilled three drill holes at Red Mountain in mineral tenure 513001, located 18 km east-northeast of Stewart, BC in the summer of 2013.

The 2013 drill program took place from August 1st to August 15th, 2013. Three NQ diamond drill holes, RM-13-01, RM-13-02, and RM-13-03 totaling 680.70 m, were drilled by Driftwood Diamond Drilling Ltd. The field crew was based in Stewart, BC and was transported to and from the drill site by an ASTAR B2 or Jet Ranger Bell 206 helicopter. Drill core was flown to the public apron of the Stewart Airport and was logged and cut in the Seabridge warehouse in Stewart, BC. Samples were sent to AGAT Labs in Terrace, BC and were assayed for 42 elements with over limits test completed for Au, Ag, As, Cu Pb, S and Zn. Un-sampled core is stored in the Banks Island Gold warehouse in Smithers, BC.

1.1 DIAMOND DRILLING AT THE MARC ZONE

The three diamond holes targeted the high grade core of the Marc Zone ore.

In all holes, drilling intersected a comparable sequence of sericite altered Crystal Tuff overlying a strongly sericitised Hornblende-Plagioclase±Quartz Porphyry, with a heterolithic breccia marking the contact between the two units. Partially healed fault zones and associated calcite tension gashes occur intermittently in the Crystal Tuff and occasional argillaceous sedimentary rafts are present within the Porphyry.

Mineralisation consists of pyrite as disseminations, in micro-veinlets, as medium to coarse aggregates in quartz veining, and as semi-massive to massive veins. Bright red colored sphalerite is present as fine to medium grained aggregates in quartz veins, often rimming pyrite grains. Pyrrhotite occurs intermittently throughout as disseminations and fine to medium grained masses in quartz veins.

Significant assay results are displayed in Table 1.1.

Table 1-1 – Significant Intercepts at Red Mountain

Hole	From (m)	To (m)	Core Interval (m)	Estimated True Width (m)	Au (gpt)	Ag (gpt)
RM-13-01	130.0	201.0	71.0	63.8	4.4	16
<i>Including</i>	152.1	174.0	21.9	19.7	12.9	41
<i>Including</i>	153.1	164.1	11.0	9.9	21.6	54
RM-13-03	144.0	196.5	52.5	49.8	6.3	16
<i>Including</i>	166.1	182.9	16.8	16.0	16.2	35
<i>Including</i>	166.8	174.0	7.2	6.8	32.0	44

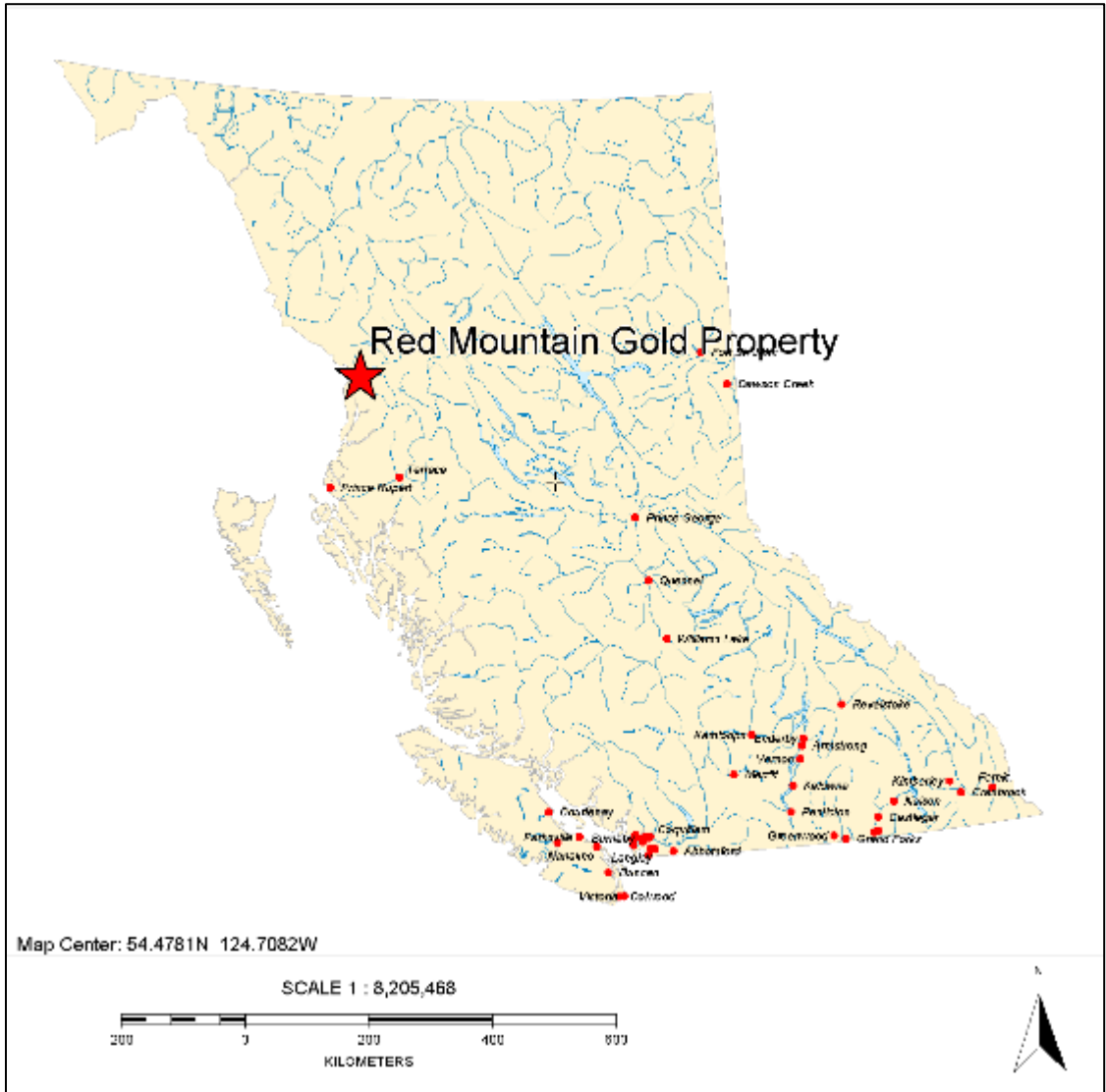
The ore displays a zoned gold grade pattern, with a high grade core that is enveloped by a moderate grade outer shell, and a broad low grade halo. The changes in pyrite mineralisation style can be correlated with increasing gold grade, where the highest grades occur when semi-massive to massive pyrite veins are present. High gold values (up to 86.4 gpt Au over 0.51 m in RM-13-01) are returned from samples with up to 70% massive pyrite in veins as well as from samples of the altered wall rock between veins (6% coarse pyrite in stockwork veining returned assays of 44.2 gpt Au over 0.62 m in RM-13-03). Sphalerite is present in the broad, low grade gold halo in the hanging wall and/or footwall to the moderate grade gold zones. Pyrrhotite abundance appears to have an inverse relationship with increasing gold grade, as elevated values are present outside of the low grade gold zone in both the hanging wall and footwall.

2.0 PROPERTY DESCRIPTION AND LOCATION

2.1 PROJECT LOCATION

The 17,125 hectare Red Mountain Gold Property is located in the Skeena Mining Division near the town of Stewart in northwestern British Columbia, as shown on the overview map in Figure 2-1. The Property is located approximately 18 km east-northeast of the town of Stewart (55°56'29"N, 129°59'17"W) between the Cambria Ice Field and the Bromley Glacier at elevations ranging between 500 m and 2,000 m. The Property, on NTS map sheets 103P/13 and 104A/4, is centered on 55°59'4"N, 129°45'37"W. Additionally, the UTM coordinates are 452,450 E, 6,250,325 N in Zone 9 (NAD 83).

Figure 2-1 Property Location Overview, Red Mountain Gold Property



2.2 PROPERTY DESCRIPTION

The Red Mountain Gold Property consists of 47 mineral claims (941 cells) totaling 17,125 hectares as shown in Figure 2-2 and detailed in Table 2-1. The recorded owner of the claims is Seabridge Gold Inc. The Property boundaries are located along claim limits as determined by the BC map staking system.

No significant factors or risk are known to exist which would affect access, title, or the right or ability to perform work on the Property.

Figure 2-2 Claim Boundary and Mineralized Zones, Red Mountain Mineral Property

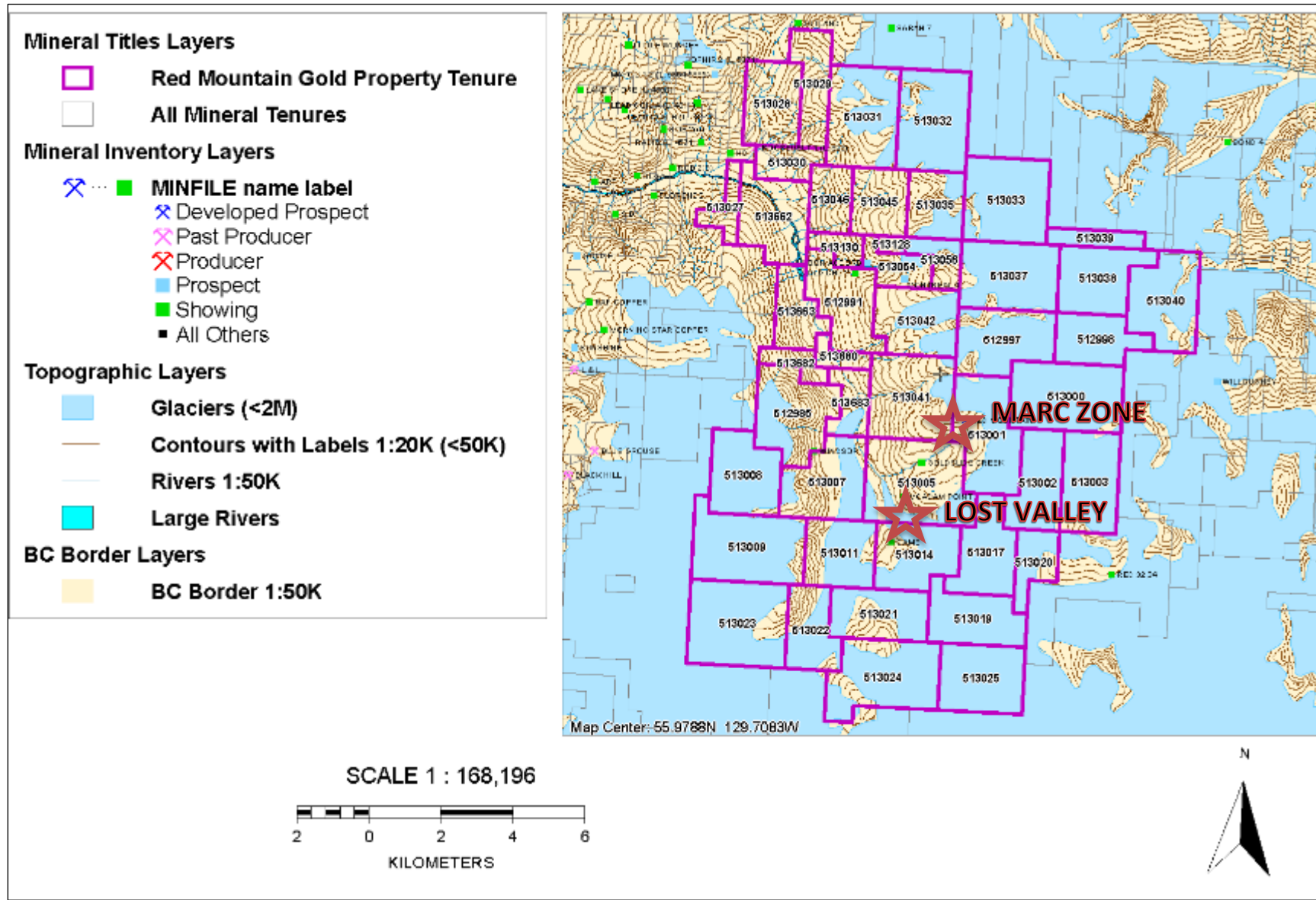


Table 2-1 Red Mountain Gold Property Mineral Tenures

RED MOUNTAIN PROPERTY: MINERAL TENURES								Date:	Dec 12 2013
OWNER:		Seabridge Gold Inc.	100.0%	BC Client No.		145264	Tenures:		47
								Area (ha):	17,125
Tenure Num	Claim Name	Owner	Tenure Type	Tenure Sub	Map Number	Issue Date	Good To Date	Status	Area (ha)
512985		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	488.797
512991		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	416.154
512997		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	452.432
512998		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	307.647
513000		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	579.305
513001		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	525.127
513002		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	362.257
513003		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	434.699
513005		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	670.206
513007		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	452.776
513008		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	416.515
513009		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	597.805
513011		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	362.383
513014		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	398.677
513017		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	380.539
513019		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	380.734
513020		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	199.338
513021		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	380.738
513022		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	308.159
513023		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	634.389
513024		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	580.53
513025		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	435.383
513027		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	126.577
513028		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	361.393
513029		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	289.073
513030		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	162.691
513031		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	542.145
513032		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	542.161
513033		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	542.426
513035		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	289.308
513037		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	506.513
513038		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	397.977
513039		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	126.596
513040		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	470.395
513041		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	543.126
513042		145264 (100%)	Mineral	Claim	103P	2005/may/19	May-29-14	GOOD	416.2
513045		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	289.307
513046		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	216.972
513054		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	180.89
513056		145264 (100%)	Mineral	Claim	104A	2005/may/19	May-29-14	GOOD	144.704
513128		145264 (100%)	Mineral	Claim	104A	2005/may/20	May-29-14	GOOD	36.173
513130		145264 (100%)	Mineral	Claim	104A	2005/may/20	May-29-14	GOOD	108.522
513662		145264 (100%)	Mineral	Claim	104A	2005/may/31	May-29-14	GOOD	434.001
513663		145264 (100%)	Mineral	Claim	103P	2005/may/31	May-29-14	GOOD	253.327
513680		145264 (100%)	Mineral	Claim	103P	2005/may/31	May-29-14	GOOD	90.495
513682		145264 (100%)	Mineral	Claim	103P	2005/may/31	May-29-14	GOOD	108.596
513683		145264 (100%)	Mineral	Claim	103P	2005/may/31	May-29-14	GOOD	181.046
TOTAL	47				0	0.0		47 claims	17,125

2.3 AGREEMENTS

Banks Island Gold Ltd. has had an active interest in the Red Mountain Gold Property since January of 2012 and presently holds an option agreement with Seabridge Gold Inc. The Option Agreement dated the 12th of June 2012, outlines the obligations that Banks Island Gold Ltd. must fulfill to earn 100% interest in the Property.

Banks Island Gold has paid \$1,000,000 and issued 4,000,000 common shares to Seabridge Gold as of November 21st, 2012, for the acquisition of the Red Mountain Gold Project. The terms of the option agreement contemplate that the Company may earn a 100% interest in the Project from Seabridge by making the payments to Seabridge as detailed below:

- \$1,500,000 cash payment on or before January 15th 2014.
- \$9,500,000 cash payment on or before January 15th 2015.

2.4 PERMITS

Currently, Seabridge holds an exploration permit (MX-1-422), with associated \$1M environmental bond, on the Red Mountain Gold Property.

2.5 ROYALTIES

The Red Mountain Gold Property is 100% owned by Seabridge Gold Inc. The Property is subject to the payment of production royalties and, on the key Wotan Resources Corp. (“Wotan”) claim group, to the payment of an annual minimum royalty of \$50,000.

Two separate production royalties, totaling 3.5% net smelter return (“NSR”), are applicable to the Wotan claims, which contain the known Red Mountain mineralized zones. The royalties include a 1.0% NSR payable to Barrick Gold Corporation (“Barrick”) and a 2.5% NSR payable to Wotan.

Upon sale of the Property to Royal Oak in 1995, Barrick was granted its 1.0% NSR royalty on all of the then existing claims. Bond Gold Canada Inc. (“Bond Gold”) assembled most of the existing Red Mountain Property package in 1989 by way of three option agreements (Wotan, Krohman, and Harkley Agreements) which were subsequently exercised and the claims purchased by Bond Gold’s successor, Lac Minerals (“Lac”). The agreements each provide for NSR royalties and one of them, the Wotan agreement, has an area of influence.

2.5.1 UNDERLYING AGREEMENTS

The principal agreements governing the Red Mountain Gold Property are listed below in chronological order.

PWC Agreement

Agreement of Purchase and Sale dated the 17th of December 1999 between Price Waterhouse Coopers (“PWC”), in its capacity as interim receiver of Royal Oak Mines (“Royal Oak”), and North American Metals Corporation (“NAMC”); and Bill of Sale dated the 7th of February 2000 between PWC and NAMC.

Pursuant to these agreements, NAMC purchased all of Royal Oak’s rights and interests, and assumed all of Royal Oak’s obligations.

Barrick Agreement

Asset Purchase and Royalty Agreement dated the 17th of August 1995 between 1091064 Ontario Limited (“1091064”), Royal Oak, and Barrick. The agreement was further amended by a Consent Agreement dated the 3rd of February 2000 among NAMC, Barrick, and 1091064.

Under the 1995 agreement, Royal Oak purchased its interest in Red Mountain from 1091064 (a wholly-owned Barrick subsidiary) and granted 1091064 (Barrick) an uncapped 1.0% NSR royalty on production from the Property. Through the

agreement, 1091064 is also entitled to receive an additional \$10.00 per ounce cash production payment on all gold produced from the Property in excess of 1,850,000 ounces.

Wotan Agreement

Agreement dated the 26th of July 1989 between Bond Gold Canada Inc. (“Bond Gold”) and Wotan (Dino Cremonese) granting Bond Gold an option to acquire seven mineral claims. The agreement was further amended by a Notice and Agreement dated 10 February 2000 between NAMC, Wotan, and Cremonese.

Banks Island Gold is obligated to pay Wotan an uncapped 2.5% NSR royalty on production from seven historic claims (Oro I–VI and Hrothgar, which contain the known Red Mountain Gold Property) and from any other properties within a 2 km area of influence extending from the boundaries of the claims. In 2005, Claim Oro III was abandoned, while the other six claims were renamed as claims 513005, 513001, 513017, 513041, 513007, and 513683. An annual advance royalty of \$50,000 is due by October 31st of each year. All minimum royalties paid from inception are deductible, once production is attained, against the NSR production royalty amount otherwise payable.

Krohman Agreement

Agreement dated the 9th of September 1989 between Bond Gold, Greg Sinitsin, and Darcy Krohman to option 11 claims, as amended by (1) an assignment and release dated the 21st of March 1990 between Bond and Greg Sinitsin; (2) a letter agreement between Lac and Darcy Krohman dated the 24th of September 1992; and (3) a Notice and Agreement dated the 10th of February 2000 between NAMC and Darcy Krohman.

Banks Island Gold is obligated to pay Krohman a 1.0% NSR royalty on production from 11 historic Bon Accord claims, of which some have been abandoned in 2005 and the remaining comprise portions of claims 513130 and 513128. The royalty may be purchased at any time for \$500,000.

Harkley Agreement

Option Agreement dated the 26th of September 1989 between Bond, Harkley Silver Mines Ltd. (“Harkley Silver”), Stephen Fegen, and Wesley Scott. The agreement was further amended by a letter agreement dated the 30th of September 1992 between Lac Minerals (“Lac”) and Harkley Silver and a Notice and Agreement dated the 10th of February 2000 between NAMC and Harkley Silver.

Harkley Silver holds an uncapped 3.0% NSR royalty on production from 24 historic claims (Kim 1-14, Pam 1-2, Montreal No. 1-8) of which some have been abandoned in 2005 and the remaining comprise portions of claims 513054, 512991, and 513042.

3.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

3.1 ACCESSIBILITY

The Red Mountain Gold Property is situated in steep, rugged terrain near the Alaska – BC border, approximately 18 km east-northeast of Stewart, BC. Glacial ice is present year round at elevations greater than 600 m. The Property lies between the Cambria Ice Field to the east and the Bromley Glacier to the south.

The Property is accessible by helicopter from Stewart with a flight time of 10 to 15 min. A 13 km road access was developed along the Bitter Creek valley from Highway 37A (at a junction 14 km northeast of Stewart) to the Hartley Gulch-Otter Creek area by Lac Minerals in 1994. Currently, this road is passable for only a few kilometers from the highway. The remainder is inaccessible as sections have been subject to washout or landslide activity.

3.2 PHYSIOGRAPHY

The topography in the Red Mountain area is extremely steep and rugged, with elevations ranging from 500 m to over 2,100 m above sea level. The mineralized zones are located under the summit of Red Mountain at elevations between 1,600 m and 2,000 m. Alpine glaciers are abundant and surround the property on three sides. Lower elevations are forested, with the tree line occurring at approximately 1,300 m.

3.3 CLIMATE

The Red Mountain Gold Property is located in the Coastal Mountain-heather Alpine (CMA) Zone of the British Columbia's Ministry of Forests and Range Biogeoclimatic Ecosystem Classification (BC Ministry of Forests and Range, 2006). Climatic conditions at Red Mountain are dictated primarily by its altitude (1,742 m above sea level) and proximity to the Pacific Ocean.

3.3.1 PRECIPITATION

Precipitation is significant in all months, with the wettest month usually being October. Over one-third of the annual precipitation falls as snow, even at sea level. At higher elevations, snow fall may occur year round. Precipitation measurements taken at the Stewart Airport are considered to be representative of precipitation at

the Red Mountain site. The data collected between 1974 and 1992 indicate yearly precipitation averages of approximately 188 cm with the bulk of precipitation during fall and winter months.

3.3.2 *TEMPERATURE*

Temperatures at Red Mountain are moderated year-round by the coastal influence. Data was collected on site between June 1993 and June 1994. The data collected indicated an average temperature of 0.1°C, with temperatures ranging from -25°C in the winter and 20°C in summer.

3.3.3 *RELATIVE HUMIDITY*

Due to the proximity of the Pacific Coast, the relative humidity is generally high year-round. The relative humidity through 1993 and 1994 ranged from 67.5% to 89.4% with an average of 78.4% based upon the one-hour average relative humidity values.

3.3.4 *WIND*

Windy conditions are frequent at Red Mountain where hourly average wind speeds regularly exceed 10 m/s and instantaneous wind speeds in excess of 30 m/s have been observed. Measurements taken to date are from more sheltered locations than the top of the ridge where significantly higher wind speeds are expected. Windy conditions add a significant wind chill factor at most times of year.

3.4 **OPERATING SEASON**

The heavy snowfall and steep terrain present a challenging combination for infrastructure development and mine management. Blizzard conditions are frequent in the immediate area around the Red Mountain Gold Property during the winter and avalanches pose a threat in the Bitter Creek Valley and in the upper Bear River Valley, through which the Highway 37A corridor passes.

Surface exploration and infrastructure construction is limited to the summer season.

3.5 INFRASTRUCTURE

The District of Stewart, located 18 km west-southwest of the Red Mountain Gold Property, has a population of approximately 700. The nearby center of Terrace (approximately 310 km by road from Stewart) has an area population of about 15,500, while Smithers (approximately 330 km from Stewart) has a population of 6,000 and a trading area population of 20,000.

The town of Stewart has a paved airstrip, a small hospital, a RCMP detachment and a variety of retail businesses including restaurants and hotels. There is a charter helicopter hanger in town. There is no regularly scheduled air service to Stewart.

Stewart is situated at the head of the Portland Canal, a 120 km long fjord that remains ice-free year-round. This has allowed operation of Stewart Bulk Terminals, which has been serving the Pacific Northwest since 1993. Their dock has a capacity of 800 tph. Contracts previously undertaken by the Stewart Bulk Terminals include handling ore or concentrate from Homestake Mine, Snip Mine, Eskay Creek, and Huckleberry Mine.

Power is available by an electrical transmission line that runs along Highway 37A at the junction with the Bitter Creek Access Road.

Water is available underground and from groundwater sources and creeks adjacent to the Red Mountain Gold Property.

There are suitable locations identified for the site infrastructure, rock storage locations, and tailings facilities in the Bitter Creek Valley.

Some exploration and supporting personnel may be recruited from the adjacent communities. Skilled professionals not available in local communities could be transported from more distant centers to the Property.

3.6 SURFACE RIGHTS

The Red Mountain project resides on Crown land and no private property lies within the operating plan area. Exploration permit (MX-1-422), issued to Seabridge, currently exists on the Property.

4.0 HISTORY

4.1 EARLY HISTORY

Prospecting and small-scale mining took place near Red Mountain, in the Bitter Creek Valley, as early as 1900 and persisted intermittently through the first half of the 20th century. At this time, the Red Mountain Gold Property was covered with glacial ice. The glacier has since retreated, exposing large portions of the summit and surrounding bedrock.

Porphyry molybdenum and copper occurrences in the immediate Red Mountain area were explored in the 1960's and 1970's. In 1965, a molybdenum and native gold showing was discovered at MacAdam Point (Erin Showing) on the south side of Red Mountain. Additional small molybdenum showings were subsequently located and explored in the central cirque of Red Mountain. Significant gold values (up to 37 gpt) were obtained in 1973 from Lost Mountain (R.H.S. claims). Gold exploration at Red Mountain then ceased as it was generally regarded as a setting favorable for porphyry style molybdenum mineralization.

4.2 BOND GOLD

In 1987 evaluation of the Red Mountain area for gold potential commenced. The Wotan claims were staked in 1988 by local prospectors and optioned to Bond Gold in 1989. That year, Bond Gold began gold exploration of the Red Mountain Property by initiating a drill program on the Marc Zone.

From 1989 to 1991 Bond carried out exploration programs including 17,638 meters of diamond drilling, surface mapping and sampling, and airborne EM and magnetic surveys.

4.3 LAC MINERALS

In 1991, Lac Minerals acquired 100% interest of the Red Mountain Property through the acquisition of Bond Gold. Lac Minerals completed further surface drilling on the Marc, AV, JW, AV Tails, and 141 Zones from 1991 to 1994, totaling 48,000 meters. Underground exploration of the Marc Zone was conducted in 1993 and 1994 by utilizing a 1,700 m production-sized decline, which included a total of 38,600 meters of diamond drilling. An intensive environmental baseline data collection and assessment was undertaken 1993 and 1994 to support a feasibility study produced in 1994.

4.4 BARRICK GOLD / ROYAL OAK

In September 1994, Barrick acquired Lac Minerals and the Red Mountain Property assets. Barrick later sold the project to Royal Oak in August 1995. Royal Oak extended the underground development by 305 m, undertook a drill program seeking extensions to the known deposits which included 22 surface holes and 15 underground holes, completed a drill program on nearby targets, and worked on plans for the development of the Red Mountain project. In 1996, lacking funds for exploration, Royal Oak ceased all activity at Red Mountain. In 1999, Royal Oak went into receivership and Price Waterhouse Coopers (PWC) was appointed to dispose of the Red Mountain Gold Property.

4.5 NORTH AMERICAN METALS CORP.

In 2000, NAMC purchased the Red Mountain Property from PWC. NAMC completed a comprehensive review of the Red Mountain project and validation of the geological and environmental database. NAMC also carried out geological work including the re-logging of a substantial quantity of drill core in order to produce an improved resource estimation model. Additional metallurgical testing investigated the possibility of producing a saleable gold-bearing pyrite concentrate. An access road route was designed from the end of the existing road to the site. NAMC also met with local and provincial officials to discuss the project, its history and some possible new development scenarios.

4.6 SEABRIDGE

In February of 2002, Seabridge acquired 100% interest in the Red Mountain Property through an agreement with NAMC. Seabridge also acquired the mineral exploration permit on the Property (MX-1-422) and a related \$1.5 million cash reclamation fund lodged with the British Columbia Ministry of Mines. Seabridge commissioned the first Independent NI43-101 compliant Technical Report on the Red Mountain Gold Project (Craig, 2002) along with various site investigations, database reviews, and engineering studies.

4.7 BANKS ISLAND GOLD

In the late summer and fall of 2012, Banks Island Gold completed a limited field program at Red Mountain, consisting of three field visits to the property. A metallurgical sample was collected from the Marc Zone ore stockpile and

reconnaissance work was performed over newly exposed areas where glacial ice has retreated.

The metallurgical sample underwent Heavy Liquid Separation Testing (HLS) to determine if the Marc Zone ore would be suitable to a Dense Media Separation (DMS) process. Results demonstrated that the Marc zone ore is quite amenable to Au and Ag recovery via DMS processing. From a combination of the 3.20 SG sink and -20 mesh fines, for the -1/2" stage-crush sample, Au and Ag recoveries of 86.9% and 89.5% at grades of 74.6 g/t and 236 g/t respectively at a mass rejection of 73.8% was experienced. Similarly, for the -1/4" sample Au and Ag recoveries of 90.3% and 92.4% were achieved at grades of 61.0 gpt and 192 gpt respectively at a mass rejection of 77.6%.

A new mineral showing, the Lost Valley, was discovered 3 km south of the Red Mountain ore zones during reconnaissance work on the eastern side of the uncovered glacial valley between MacAdam Point and Lost Mountain. A mineralised shear zone following the MacAdam Intrusive and Hornfels contact was mapped and sampled over a strike length of 120 m. Quartz veins across the structure, containing pyrite-sphalerite-chalcopyrite-molybdenite, yielded assay results of up to 6.2 gpt Au, 22 gpt Ag and 0.40% Mo over 5 m. The Lost Valley showing has been highlighted as high priority target for future exploration.

4.8 HISTORICAL PRODUCTION

There have been no commercial mining operations on the Red Mountain Gold Property.

5.0 GEOLOGICAL SETTING AND MINERALIZATION

5.1 GEOLOGICAL SETTING

5.1.1 REGIONAL GEOLOGY

The regional geology of the Red Mountain area has been described by Greig et al. (1994), Alldrick (1993), Rhys et al (1995), Craig (2001), and Craig (2002). The following geological description is drawn from the above listed sources.

Red Mountain is located near the western margin of the Stikine terrain in the Intermontane Belt. The Stikinia Belt comprises three primary stratigraphic elements: Middle and Upper Triassic clastic rocks of the Stuhini Group, Lower and Middle Jurassic volcanic and clastic rocks of the Hazelton Group, and Upper Jurassic sedimentary rocks of the Bowser Lake Group. Mineralogy suggests that the regional metamorphic grade is probably lower greenschist facies.

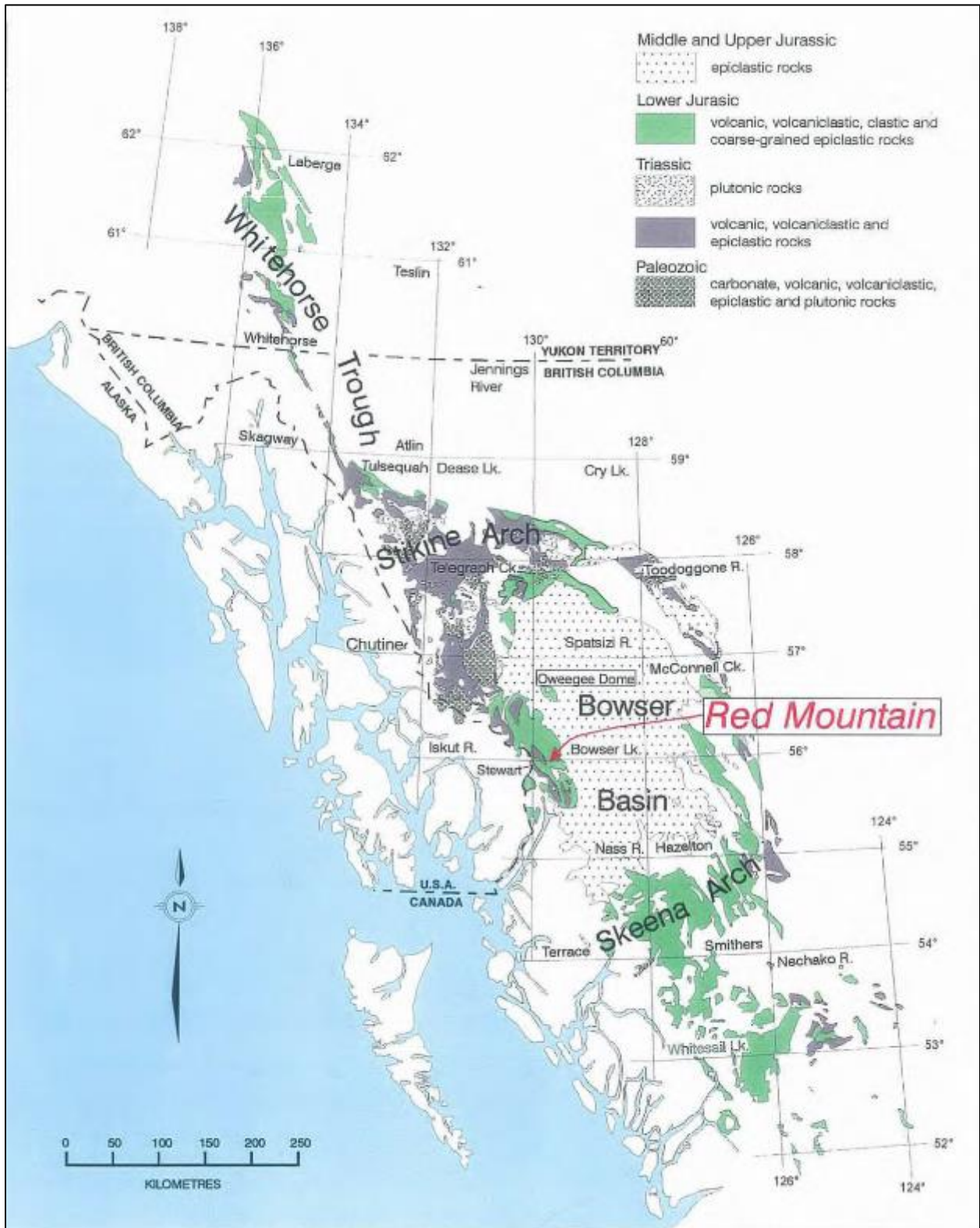
The age of intrusive rocks in the Red Mountain region range from Late Triassic to Eocene. Early to Middle Jurassic plutons, named the Goldslide Intrusions, appear to be closely related to the gold mineralization at Red Mountain. Eocene intrusions of the Coast Plutonic Complex occur to the west and south of Red Mountain and are associated with high-grade silver-lead-zinc occurrences.

Red Mountain lies along the western edge of a complex northwest trending structural culmination formed during the Cretaceous era. The Red Mountain mineral zones lie at the core of the Bitter Creek antiform, a northwest-southeast trending structure created during this deformation event (Greig, 2000). During the Tertiary era the area at Red Mountain was subject to extensional block faulting.

A regional geological map prepared of Red Mountain is displayed in Figure 5-1.

Figure 5-1 Structural and Stratigraphic Setting of Gold Mineralization at Red Mountain

(Greig et al., 1994)



5.1.2 PROPERTY GEOLOGY

The Stuhini Group sedimentary rocks outcrop across approximately two-thirds of the mapped area. This group of rocks is the oldest of those found on the Red Mountain Gold Property and are comprised of Middle to Upper Triassic mudstones, siltstones, and cherts. The Stuhini Group rocks grade upward into Lower Jurassic Hazelton Group clastic and volcanoclastic rocks, which outcrop in the northeastern portion of the map area. Rocks of both groups are folded about axes that plunge towards 345° and dip steeply to the southwest.

The Goldslide intrusions underlying Red Mountain have been segregated into two phases, Goldslide (FHx) and Hillside (FHBp). Both phases have dioritic compositions. The Goldslide rocks have been noted to crosscut the Hillside Porphyry suggesting the Hillside Porphyry is the older phase (Sieb 1995).

The Hillside Porphyry occurs near the summit of Red Mountain and is a medium grained hornblende and plagioclase-phyric porphyry. The Hillside Porphyry contains rafts of the sedimentary rocks.

The Goldslide Porphyry is a hornblende-biotite quartz porphyry intrusion underlying most of the Red Mountain cirque.

Alteration is strong and widespread throughout the Property. All pre-Tertiary rocks have been hydrothermally altered. The sediments and intrusives display similar alteration assemblages. Alteration minerals observed include quartz, K-feldspar, tourmaline, sericite, chlorite, and pyrite. Red Mountain was named for an extensive rusty gossan covering 12 to 15 km² of area.

Brittle faulting has affected all rock units at Red Mountain. Rhys et al. (1995) recognized two phases of faulting, northeast striking, steeply northwesterly dipping faults and north to northwest trending faults. Faults of the former group are those that offset the mineralized zones, such as the Rick Fault.

6.0 2013 DIAMOND DRILLING PROGRAM

6.1 INTRODUCTION

The Marc Zone is the most southerly of the four main mineralised zones at Red Mountain and outcrops at 1930 m elevation, 300 m to the south of the Red Mountain Summit. The zone has a northwest strike and plunge, dips moderately to steeply to the southwest, and varies from 5 m to 40 m in width. The ore zone is associated with the brecciated contact between the Goldslide and Hillside Intrusives, where mineralisation is concentrated in the sericite altered Hillside Porphyry. Mineralisation is associated with quartz stockwork veining consisting of multiple phases of pyrite mineralisation, including coarse grained pyrite veins, pyrite micro-veinlets, irregular coarse-grained pyrite masses and breccia matrix pyrite. A red sphalerite halo is present in the hanging-wall and footwall of the ore zone (Craig, 2002).

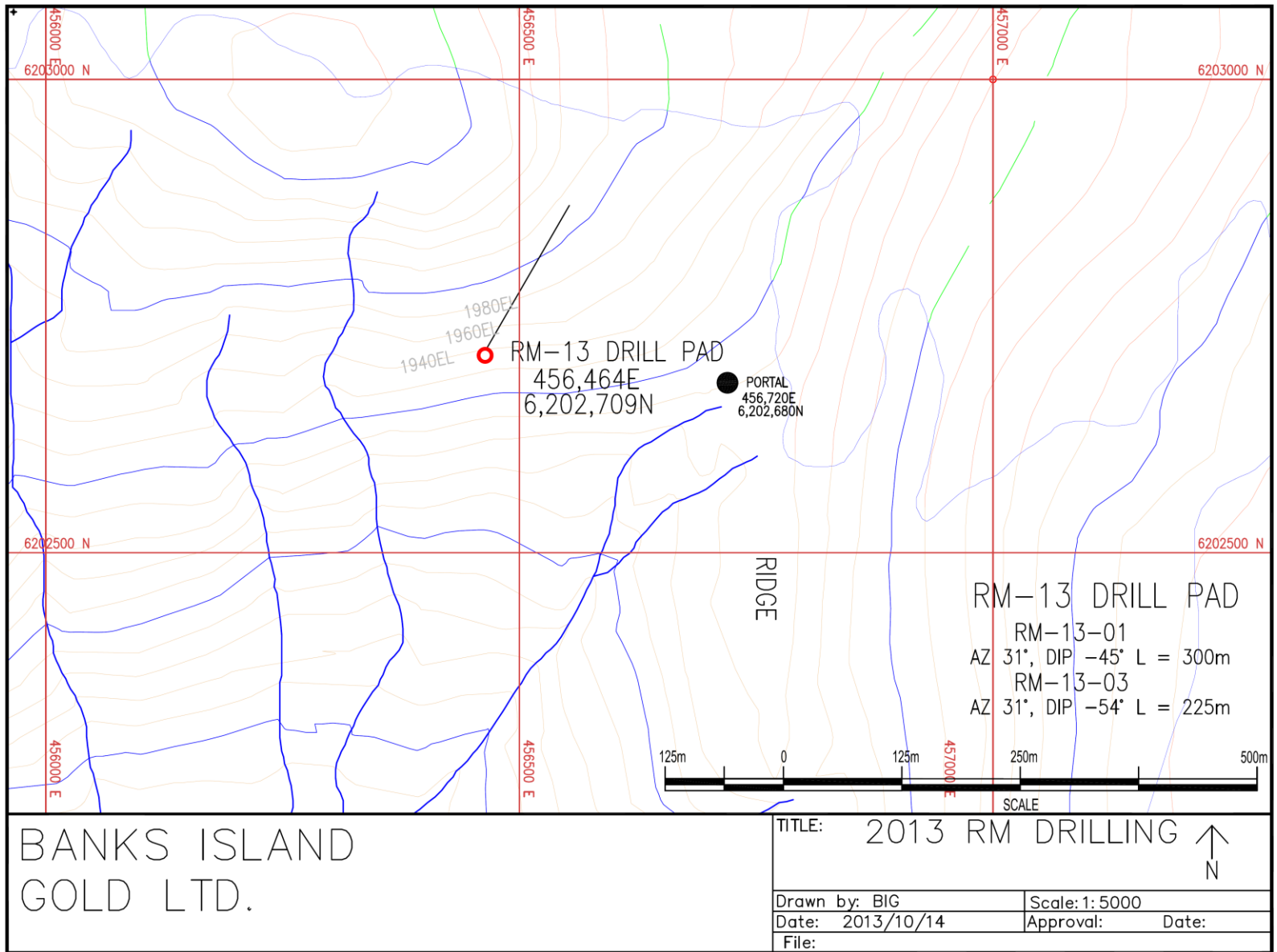
Banks Island Gold completed a short drill program in 2013 targeting the high grade core of the Marc Zone between 25 m spaced historical drill rings on SEC 1250N and SEC 1275N. The 2013 holes were drilled oblique (16° to the east) to historical drill rings and increased the density from 25 m to 12.5 m spacing's.

6.2 2013 DIAMOND DRILLING DETAILS

The geological and drill crew mobilised to Stewart, BC on August 31st, 2013 and were based there for the duration of the program, which was completed on August 15th, 2013. The Banks Island geological crew consisted of Danielle Mountjoy (Geologist), and Caddaric Meckert (Core Technician), joined by Dirk Meckert (Chief Geologist) on August 6th, 2013. An ASTAR B2 and a Jet Ranger Bell 206, supplied by SilverKing Helicopters, were used to transport personnel and core to and from the drill site.

Pad building and rig mobilization took place from August 1st to August 4th, 2013 and drilling commenced on August 5th, 2013. Driftwood Diamond Drilling Ltd. was contracted to drill three NQ diamond holes (RM-13-01, RM-13-02 and RM-13-03), totalling 680.70 m (Figure 6-1). The holes were surveyed with a Reflex 'Easy Shot' instruments, where surveys were taken every 31 m (every 10 imperial rods) at the end of the hole. A detailed summary of the drill hole collars and down-hole surveys are displayed in Appendix A.

Figure 6-1 Map of Red Mountain 2013 Drill Collar Locations



6.3 SAMPLING PROCEDURES

After the drill core was logged, 0.25 m to 1.5 m samples were collected based on visual mineralisation. Several character samples of unique lithologies that were thought to potentially carry gold grades were also collected. The geologist ensured that sample intervals did not cross lithological boundaries. Drill core was cut in half, and the upper half was sent for assays. Un-sampled core is in storage at the Banks Island Gold Ltd warehouse in Smithers, BC.

Samples were sent to AGAT Laboratories, where they were prepared in Terrace, BC and assayed in Mississauga, Ontario. The element analysis suite consisted of Au, Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Ga, Hg, In, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Rb, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V and Zn, using aqua regia digestion with an ICP-OES finish and reporting over limits on Au, Ag, As, Cu, Pb, Zn, and S. Specific Gravity (SG) values were measured for each sample. For QAQC purposes, standards, blanks and double splits were inserted every 20 samples.

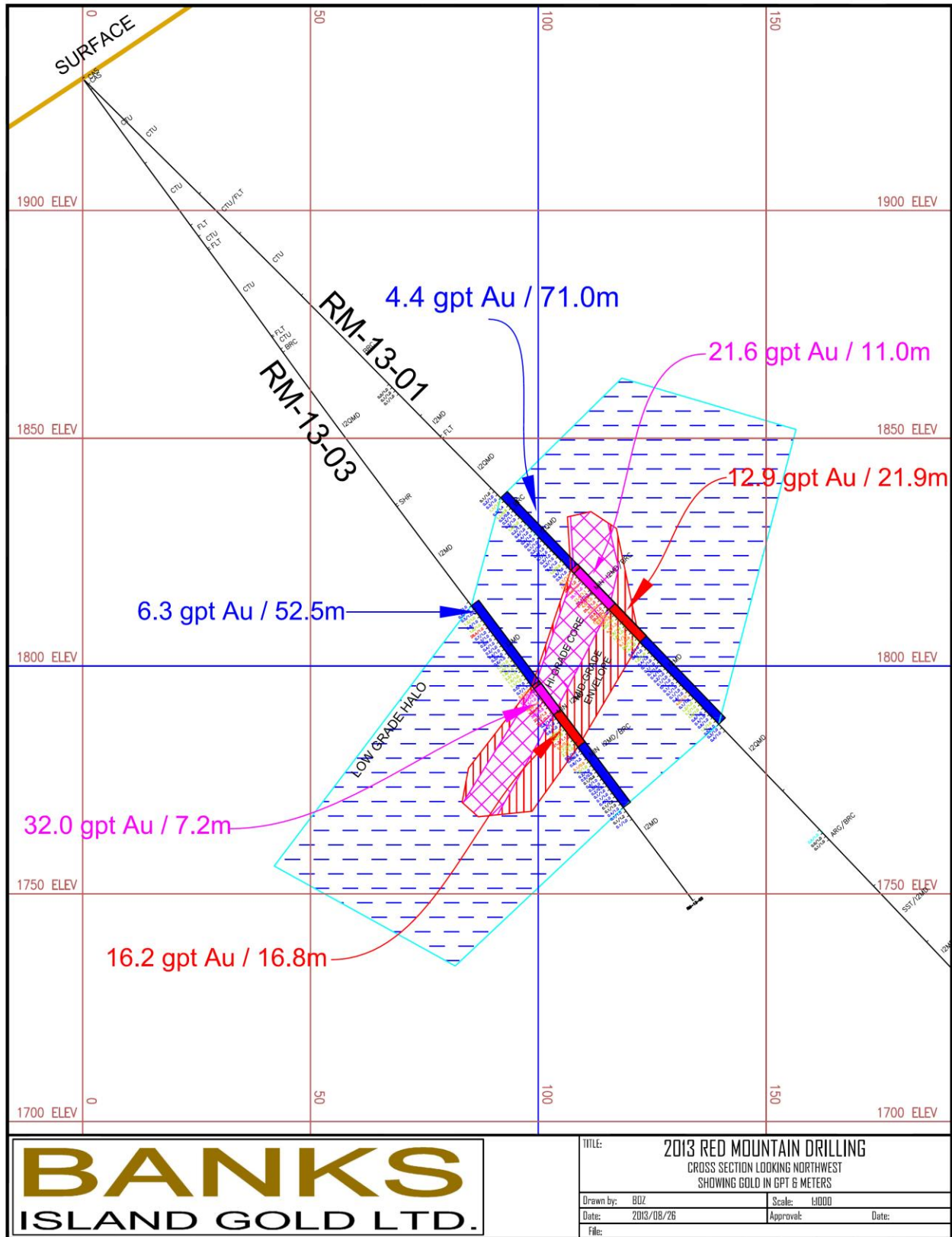
6.4 DRILLING RESULTS

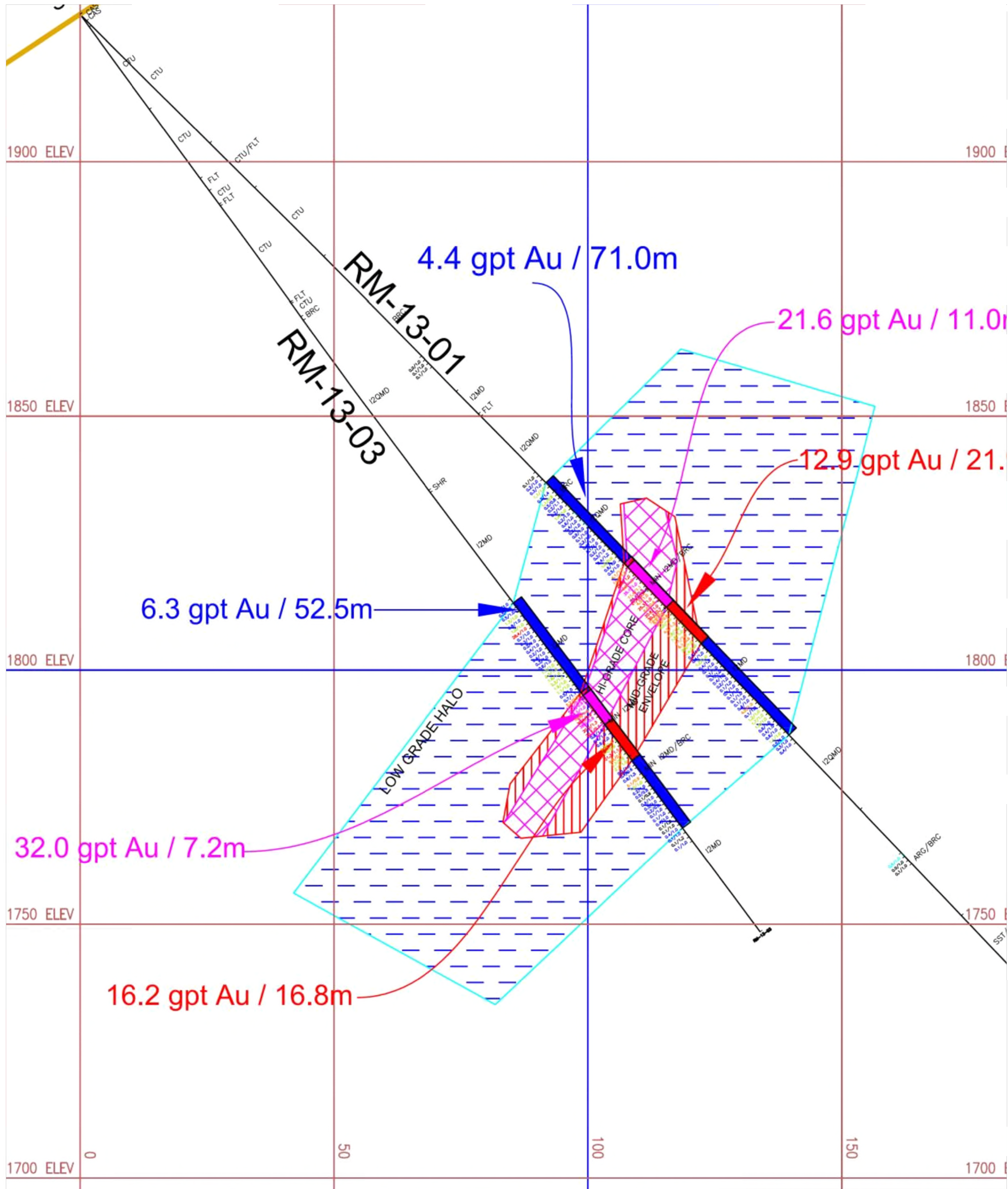
6.4.1 RM-13-01

Drill hole RM-13-01 was planned to test the core of the >15 gpt Au grade shell. The hole drilled through a package of medium gray-green colored, medium to coarse grained Crystal Tuff with euhedral hornblende and plagioclase crystals. The original textures have been mostly overprinted by strong sericite alteration. Frequent, irregular, fine grained silica-black chlorite±tourmaline micro-veinlets fracture the Crystal Tuff and contain 1-3% fine grained pyrite. Disseminations of 1-3% fine grained pyrite-pyrrhotite also occur throughout the Crystal Tuff. Occasional cross-cutting intrusive breccia veinlets are present with sub-angular quartz-plagioclase-silicified fragments supported in a fine grained black chlorite-silica±tourmaline matrix. Infrequent carbonate veinlets and tension gashes are present proximal to a partially healed fault zone within the Crystal Tuff. A heterolithic, clast supported breccia containing partially digested volcanoclastics, argillaceous, and intrusive fragments marks the contact between the Crystal Tuff above and the intrusive below. The Hornblende-Plagioclase Porphyry (likely the Hillside Intrusive) is medium to light gray in color, medium grained, with strong pervasive sericite alteration and a varying abundance of quartz phenocrysts. Rafts of carbonaceous sediments and brecciated zones are locally present. Moderate to strong quartz-sulphide stockwork veining is present throughout the porphyry. Lithological contacts throughout the drill hole can be difficult to determine due to the intense destructive sericite-silica alteration.

The ore is zoned, with a high grade core and moderate to low grade outer shells (Figure 6-2). A broad halo of quartz-sericite-pyrite alteration consisting of disseminated pyrite-pyrrhotite and pyrite in fine micro-veinlets surrounds the ore zone. A halo of fine grained, red sphalerite mineralisation in quartz veinlets is also present within the quartz-sericite-pyrite alteration in the footwall to the main ore zone. Pyrite hosted in micro-veinlets and as disseminations is continual throughout the moderate and high grade zones, however additional pyrite mineralisation styles can be observed to roughly correlate with increasing grade in this hole. The moderate gold grade halo is characterised by medium to coarse grained pyrite aggregates in quartz stockwork veins, while the inner high grade core contains semi-massive to massive pyrite veins (Figure 6-3). The total mineralised intercept across the low, moderate and high grade halos return a grade of 4.4 gpt Au over 71 m from 130 m and 3205 ppm Zn in the sphalerite halo over 14.9 m from 168.13 m. The moderate and high grade zones combined yield 12.9 gpt Au over 21.9 m from 153.10 m. The inner high grade core contains 21.6 gpt Au over 11 m from 152.10 m. Figure 6-4 and 6-8 illustrate the relationship between visible pyrite estimates, sulphur content and the gold grade.

Figure 6-2 Red Mountain 2013 Drilling Cross Section. Looking Northwest





BANKS
ISLAND GOLD LTD.

TITLE: 2013 RED MOUNTAIN DRILLING			
CROSS SECTION LOOKING NORTHWEST			
SHOWING GOLD IN GPT & METERS			
Drawn by:	BDZ	Scale:	1:500
Date:	2013/08/26	Approval:	Date:
File:			

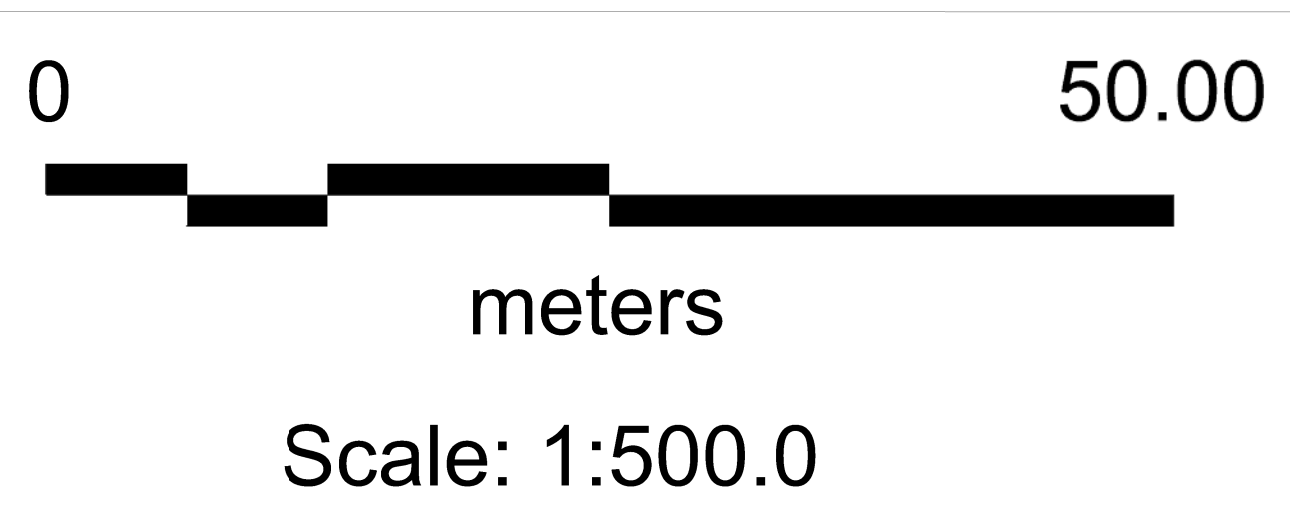
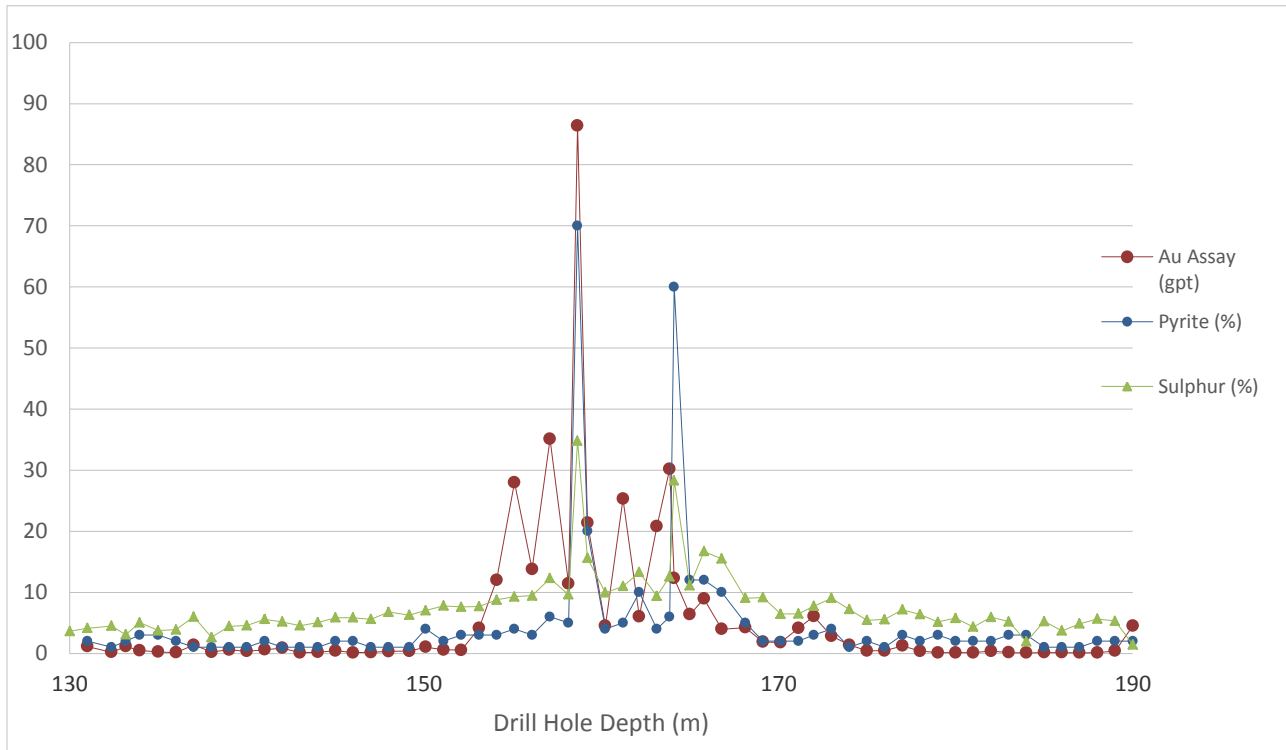


Figure 6-3 Massive Pyrite Vein in High Grade Ore from 158.15 to 158.66 m in RM-13-01

86.4 gpt Au over 0.51 m.



Figure 6-4 Gold Grade, Visible Pyrite, and Sulphur Content vs Drill Hole Depth in RM-13-01



6.4.2 *RM-13-02*

Drill hole RM-13-02 was designed to test the down dip extent of the >15 gpt Au grade shell and the center of the <15 gpt Au grade shell. The hole drilled through a similar sequence of sericitised Crystal Tuff, clast-supported heterolithic breccia, and into the Hornblende-Plagioclase-Porphyry.

Pyrite mineralisation in the form of fine grained masses and semi-massive to massive pyrite-quartz veins is present from 144 to 155.17 m, correlating with the low grade gold halo. Grades range from 0.15 gpt to 13.2 gpt Au in this interval. The hole was terminated at 155.17 m as drilling intersected a previous drill hole and water circulation could not be recovered.

6.4.3 *RM-13-03*

Drill hole RM-13-03 was planned to test the down-dip continuity of the >15 gpt Au grade shell. The hole intersected a comparable stratigraphic sequence as in RM-13-01, where a strongly silicified Crystal Tuff with intervals of partially healed faulting has a brecciated lower contact with the sericite altered Hornblende-Plagioclase±Quartz Porphyry.

Mineralisation is higher grade and more tightly constrained in RM-13-03 compared to RM-13-01, with analogous zoning and variations in pyrite mineralisation styles. A broad low grade quartz-sericite-pyrite halo envelopes the moderate and high grade zones. The red sphalerite halo is dominant in the hanging wall, instead of the footwall, of the ore zone where fine grained sphalerite appears to be replacing hornblende phenocrysts and rimming pyrite grains (Figure 6-5). The moderate gold grade shell is characterised by medium to coarse grained aggregates and semi-massive pyrite in quartz stockwork veining, while the high grade core consists of semi-massive to massive pyrite veins (Figure 6-6). The total mineralised intercept across the low, moderate, and high grade zones produces a grade of 6.3 gpt Au over 52.5 m from 144 m, with 5272 ppm Zn over 16 m from 147 m in the sphalerite halo. The moderate and high grade halos combined return a grade of 16.2 gpt Au over 16.8 m from 166.11 m. The inner, high grade core yeilds 32.0 gpt Au over 7.2 m from 166.83 m. Figure 6-7 and 6-8 illustrate the relationship between visible pyrite estimates, sulphur content and the gold grade.

Detailed drill hole logs can be found in appendix B.

Figure 6-5 Red Sphalerite Halo in Hanging Wall with Low Grade Ore at 151.54 m in RM-13-03

0.31 gpt Au and >10,000 ppm Zn from 151 to 152 m.

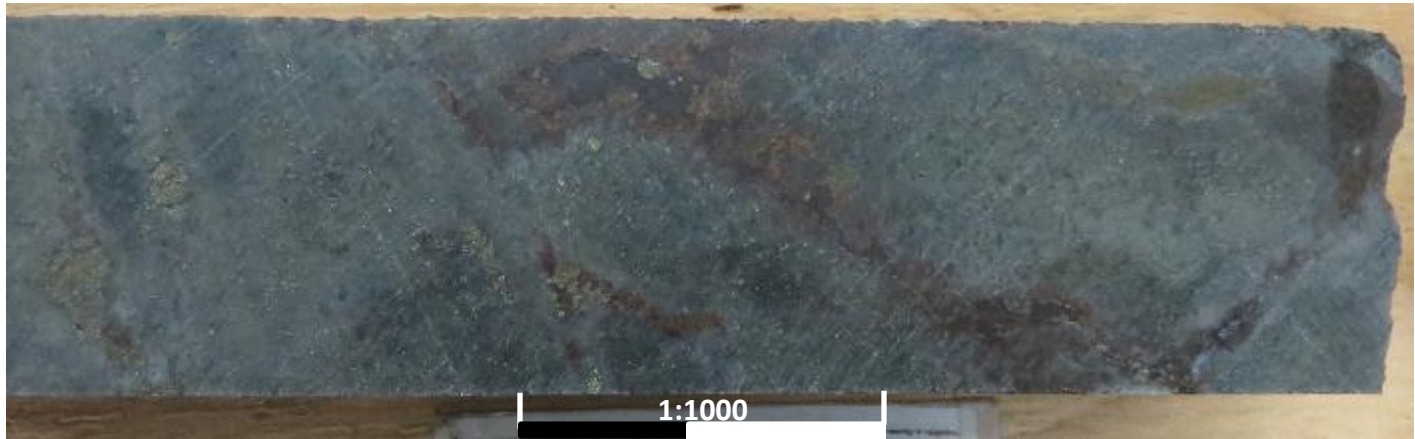


Figure 6-6 Coarse Pyrite Veining in High Grade Ore Zone at 170 m in RM-13-03

10.8 gpt Au from 169.3 to 170.3 m.



Figure 6-7 Gold Grade, Visible Pyrite, and Sulphur Content vs Drill Hole Depth in RM-13-03

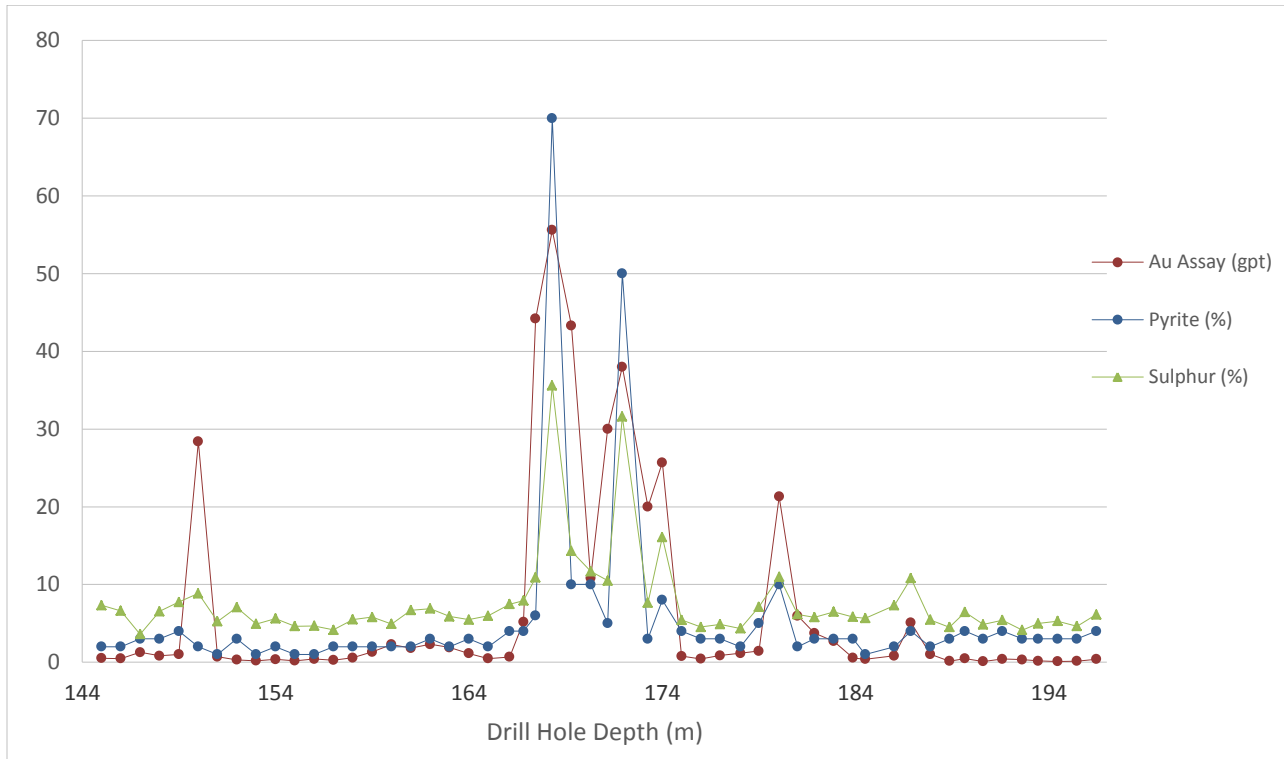
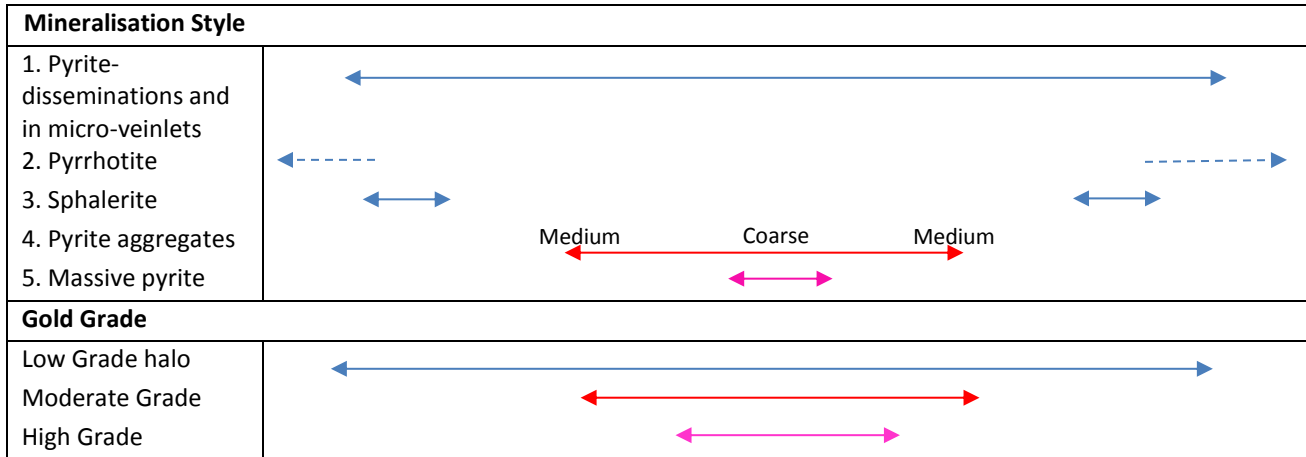


Figure 6-8 General Relationship between Pyrite Mineralization Style and Gold Grade



6.5 INTERPRETATIONS AND CONCLUSIONS

Based on recent and historical drilling results, the following interpretations can be made:

- Highest gold grades occur when pyrite is the solitary sulphide mineral present and appears to decrease when sphalerite, and especially pyrrhotite, are present.
- Styles of pyrite mineralisation are observed to change with gold grade.
- Highest gold grades are not exclusively correlated with highest visible pyrite content. Samples with high pyrite do not always return high gold grades, and samples with high gold grades do not always contain high visual pyrite percentages. High gold content may be concentrated in the selvages of semi-massive to massive pyrite veining.

6.6 RECOMMENDATIONS

Core samples from the Marc Zone obtained during the 2013 drilling program should be sent for metallurgical testing. Composite samples from each of the high, moderate, and low grade ore zones should be tested separately for Heavy Liquid Separation Testing (HLS) to determine if the Marc Zone ore would be amenable to a Dense Media Separation process.

7.0 ITEMIZED COST STATEMENT

Helicopter Charter	UNITS		RATE	TOTAL
AS 350 B2	56.9	hrs	\$1,774	\$100,941
Bell 206	44.2	hrs	\$1,225	\$54,145
Fuel	486	liters	\$1.65	\$802
	353.4	liters	\$1.78	\$629
	13,707.60	liters	\$2.09	\$28,649
Hotel (Pilot)	19	nights	\$95.00	\$1,805
Total Helicopter				\$186,970
Drilling				
Diamond Drilling	680.7	meters		\$87,461
Drill Fuel				\$3,950
Surveying drill collars	1	day	\$800	\$800
Total Drilling				\$92,211
Assay				
Truck Rental to deliver core samples	16	days	\$140	\$2,240
Assaying	188	samples		\$11,626
Total Assay				\$13,866
Personnel				
Chief Geologist (Dirk Meckert)	10	days	\$650	\$6,500
Geologist (Danielle Mountjoy)	16	days	\$500	\$8,000
Core Technician (Caddaric Meckert)	16	days	\$300	\$4,800
Hotel (Geologists and Technician)	42	nights	\$95	\$3,990
Hotel (Drillers)	64	nights	\$95	\$6,080
Total Personnel				\$29,370
Other				
Meals	121	days	\$80	\$9,680
Report Writing	6	days	\$650	\$3,900
Total Other				\$13,580
Total Assessment work				\$335,997

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9.0 APPENDIX A –DRILL HOLE DETAILS

Appendix 10.1 – Detailed Summary of Drill Hole Collars

Collar ID	Easting	Northing	Elevation	Azimuth	Dip	EOH (m)	Start Date	Finish Date
RM-13-01	456463.777	6202708.502	1929.72	31	-45	300.53	05-Aug-2013	08-Aug-2013
RM-13-02	456463.777	6202708.502	1929.72	31	-51	155.17	08-Aug-2013	10-Aug-2013
RM-13-03	456463.777	6202708.502	1929.72	31	-54	225.00	10-Aug-2013	13-Aug-2013

Appendix 10.2 – Detailed Summary of Drill Hole Surveys

Hole ID	Depth	Azimuth	Dip	Magnetic Field (nT)	Temperature	Comments
RM-13-01	0	31	-45	-	-	Collar Survey
RM-13-01	22	32	-44.6	5658	15.2	
RM-13-01	53	31.20	-44.9	5680	13.6	
RM-13-01	83	30.70	-45.5	5633	13.2	
RM-13-01	114	29.60	-45.4	5629	13.4	
RM-13-01	144	32.70	-46.1	5578	13.9	
RM-13-01	175	28.30	-46.1	5663	13.2	
RM-13-01	205	29.40	-46.3	5614	9.6	
RM-13-01	236	30.80	-46.3	5599	8.8	
RM-13-01	266	30.60	-46.6	5699	10.6	
RM-13-01	296	31.10	-46.6	5625	11.2	
RM-13-02	0	31	-51	-	-	Collar Survey, rest of hole not surveyed
RM-13-03	0	31	-54	-	-	Collar Survey
RM-13-03	9	31.4	-53.8	5670	15.7	
RM-13-03	39	31.1	-53.6	5672	14.3	
RM-13-03	69	45.1	-53.7	5650	14.2	
RM-13-03	100	29.8	-53.3	5658	15.8	
RM-13-03	130	32.60	-53.0	5672	14	
RM-13-03	161	31.80	-53.1	5644	12.5	
RM-13-03	191	29.20	-53.0	5708	15	
RM-13-03	221	39.70	-53.2	5580	22.5	

10.0 APPENDIX B – DETAILED GEOLOGICAL DRILL HOLE LOGS

Hole Name	From	To	Length	Code	Description	Rep
RM-13-01	0.00	1.83	1.83	CAS	NNE casing into bedrock	
RM-13-01	1.83	36.00	34.17	CTU	Medium gray colored, coarse to medium grained Crystal Tuff with 1-3 mm size euhedral hornblende and plagioclase crystals. Narrow infrequent dark gray argillaceous layers with gradational contacts. Strong pervasive silicification, weak to moderate sericite+/chlorite alteration. Frequent (30%) cross-cutting intrusive breccia veinlets (matrix supported, quartz-plagioclase-silicified fragments in a black, fine to medium grained tourmaline-silica matrix). Veinlets contain 1-3% pyrite-pyrrhotite. Occasional planar carbonate veinlets. Blocky, broken, weathered core with hematite-limonite-clay coating fractures.	
RM-13-01	36.00	48.44	12.44	CTU/FLT	Similar to 1.83-36 m, except blocky faulted core with limonite-hematite-clay (15%) coating most fractures. Broken to rubbly core, poor recovery. Up to 2% pyrite. Bottom of weathering zone.	
RM-13-01	48.44	67.62	19.18	CTU	Medium gray-green colored, medium to coarse grained Crystal Tuff with strong pervasive silica alteration overprinting original textures. Weakly argillaceous fine ash layers (fine grained, dark gray colored) in places, with gradational contacts. Occasional intrusive breccia veinlets (5%). Common calcite veinlets, calcite+/purple fluorite vein from 56.72-56.95 m with chlorite alteration selvage. 2% pyrite, 3% pyrrhotite, trace red-brown sphalerite in veinlets. Blocky to broken core.	
RM-13-01	67.62	104.79	37.17	BRC	Clast supported heterolithic Breccia with sub-angular to sub-rounded, partially digested fragments of silica-sericite-chlorite altered coarse ash tuff, dark gray fine ash tuff, argillite, and plagioclase porphyry in a fine grained, chlorite-sericite-silica matrix. Disseminated pyrrhotite-pyrite in matrix. Fragments often fractured and fractures are filled with matrix material. Gradational lower contact.	
RM-13-01	104.79	111.04	6.25	I2MD	Medium pink-green-gray colored, medium grained Hornblende-Plagioclase Porphyry. Pervasive silica-sericite+/chlorite-K-spar alteration, silicification becoming more intense towards bottom of interval. Strongly developed fine fracture network with abundant, cross-cutting fractures filled with fine grained black chlorite-pyrite-pyrrhotite. Bleaching and sericite as alteration selvages to fracture network. Hornblende phenocrysts altered to chlorite.	
RM-13-01	111.04	111.71	0.67	FLT	Light gray colored, bleached fault zone. Rubbly core with clay-gouge coating fractures. Low intensity pyrite mineralisation on fracture planes.	
RM-13-01	111.71	132.36	20.65	I2QMD	Medium gray colored, medium grained, Hornblende-Plagioclase-Quartz Porphyry. Sub to euhedral (1-3 mm sized) plagioclase-hornblende-quartz phenocrysts. Locally bleached to a light gray-green color (interbeds of ash tuff?). Pervasive silica-sericite alteration, hornblende phenocrysts altered to chlorite or pyrrhotite-pyrite, plagioclase phenocrysts altered to clay in places. Cross-cutting fracture network filled with black chlorite-silica-pyrite-pyrrhotite, locally jig-saw brecciating the porphyry. Up to 1% pyrite-pyrrhotite in fractures and as disseminations. Occasional white calcite veinlets, locally associated with galena-red-brown sphalerite. Minor limonite and clay on fractures.	
RM-13-01	132.36	133.95	1.59	BRC	Matrix supported, monomictic Breccia with chlorite-sericite-silica altered sub-angular porphyritic fragments in a fine grained, dark gray colored, chlorite-sericite-fine grained plagioclase phenocrysts-pyrrhotite matrix. Occasional calcite veining. Gradational upper and lower contacts.	
RM-13-01	133.95	149.17	15.22	I2QMD	Medium to dark gray colored, medium grained Hornblende-Plagioclase-Quartz Porphyry with sub to euhedral phenocrysts. Pervasive silica-sericite alteration with hornblende phenocrysts altered to chlorite or pyrite-pyrrhotite and plagioclase phenocrysts altered to clay in places. Fractured by cross-cutting black chlorite-silica-pyrrhotite-pyrite veinlets, increasing in frequency towards bottom of interval. Up to 2% pyrite and 5% pyrrhotite as disseminations and fine grained masses in veinlets. Occasional calcite veinlets. Gradational lower contact.	
RM-13-01	149.17	168.13	18.96	I1N I2MD/BR	Medium gray colored, medium grained (1-2 mm sized phenocrysts) Hornblende-Plagioclase Porphyry brecciated by black chlorite-silica-pyrite-pyrrhotite stockwork veins/matrix (unaltered matrix is possibly a crystal tuff with fine grained plagioclase phenocrysts in a fine grained chlorite-silica-pyrite matrix). Clast supported with 90% sub-angular, corroded porphyry fragments and 10% angular, massive to laminated argillaceous fragments. Pervasive silica-sericite alteration of porphyry with hornblende phenocrysts altered to chlorite or pyrite-pyrrhotite and plagioclase phenocrysts altered to clay. Coarse pyrite aggregates in quartz clots and stockwork veining, fine to medium pyrite-pyrrhotite as disseminations and fracture fill, and massive pyrite veining (up to 70% pyrite) in places. Red-brown sphalerite rimming pyrite grains and overprinting porphyry fragments near upper contact.	
RM-13-01	168.13	196.35	28.22	I2MD	Medium gray+/green colored, medium grained (1-3 mm sized phenocrysts), pervasive silica-sericite-chlorite altered, Hornblende Plagioclase Porphyry, weakly brecciated by 2 coeval fluid phases (each fluid observed to cross cuts the other) - a black chlorite-silica fine fracture network of cross-cutting veinlets and a tuffaceous material (gray-green colored matrix supported tuff, with 1 mm sized quartz-hornblende-plagioclase phenocrysts in a fine grained chlorite-sericite(?) matrix with disseminated pyrite-pyrrhotite). Fine grained pyrite-pyrrhotite-red-brown sphalerite in veinlets and disseminated.	
RM-13-01	196.35	219.28	22.93	I2QMD	Dark gray colored, fine to medium grained, Hornblende-Plagioclase-Quartz Porphyry with a mottled texture of patchy green-gray sericite alteration adjacent to abundant anastomosing quartz-chlorite-sericite fractures and quartz veining. Hornblende phenocrysts altered to pyrrhotite-pyrite, pervasive silicification, infrequent gouge fault seams (2 cm seam at 210 m). Fine grained wispy pyrite-pyrrhotite+/chalcopyrite in quartz veinlets and fractures and medium grained disseminated pyrite. Red sphalerite near top of interval. Gradational upper and lower contact, with shearing at lower contact.	
RM-13-01	219.28	248.16	28.88	ARG/BRC	Dark gray to black colored Argillite with interlaminated mudstone-siltstone, brecciated (jig-saw and crackle breccia) by irregular cross-cutting quartz-sericite-pyrrhotite+/pyrite veins with 90% angular argillite fragments, 10% matrix. Frequent micro-faulting post-dates brecciation. Pervasive silicification. Pyrrhotite replacing siltier laminations, fine grained wispy pyrite+/pyrrhotite in brecciating veinlets, disseminated medium to coarse grained pyrite. Fractured and weakly fissile core. Gradational lower contact.	
RM-13-01	248.16	265.08	16.92	SST/I2MD	Medium gray-green colored, silicified interlaminated sandstone-siltstone interfingering with Hornblende-Plagioclase Porphyry. Brecciation and patchy green chlorite-sericite alteration along contacts of porphyry 'fingers'. Sandstone is strongly fractured by cross-cutting, fine grained, black chlorite-silica (?) veinlets. Moderate micro-faulting post-dates intrusion of porphyry 'fingers'. Pyrrhotite replacing hornblende phenocrysts and coarse grained, euhedral disseminated pyrite. Interval gradational increases in porphyritic abundance (248.16-255.9 m = 85% sandstone-siltstone and 15% porphyry, 255.9- 265.08 m = 40% sandstone and 60% porphyry). Gradational lower contact.	
RM-13-01	265.08	272.79	7.71	I2MD	Medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture with patchy silica-sericite-chlorite alteration as selvages to black chlorite-silica-sericite veinlets. Hornblende phenocrysts often altered to chlorite-pyrrhotite. Locally sheared with narrow associated shear breccias. Occasional silicified sandstone-siltstone fragments (15%) from 265.08-267.05 m. Disseminated fine to medium grained, euhedral pyrite and wispy fine grained masses of pyrrhotite.	
RM-13-01	272.79	273.28	0.49	FLT	Chlorite-clay-graphite coating ground core. Minor calcite veining.	
RM-13-01	273.28	279.90	6.62	I2MD	Medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture with patchy silica-sericite-chlorite alteration as selvages to black chlorite-silica-sericite veinlets. Hornblende phenocrysts often altered to chlorite-pyrrhotite. Locally sheared with narrow associated shear breccias. Sub-angular porphyry fragments towards bottom of interval (possibly roof fragments?). Disseminated fine to medium grained, euhedral pyrite and wispy fine grained masses of pyrrhotite.	
RM-13-01	279.90	282.72	2.82	I2MD	Medium to light gray colored, medium grained (1-4 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture with strong silica-sericite alteration adjacent to black chlorite-silica-pyrrhotite-pyrite veinlets. Hornblende phenocrysts altered to pyrite-pyrrhotite, plagioclase phenocrysts altered to clay. Frequent carbonate veining and rare shear brecciation.	
RM-13-01	282.72	285.11	2.39	FLT/I2MD	Medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture with patchy silica-sericite-chlorite alteration as selvages to black chlorite-silica-sericite veinlets. Hornblende phenocrysts often altered to chlorite-pyrrhotite. Blocky fractured core with clay and ground rock coating fracture planes. Disseminated fine to medium grained, euhedral pyrite and wispy fine grained masses of pyrrhotite.	
RM-13-01	285.11	300.53	15.42	I2MD	Medium to light gray colored, medium grained (1-4 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture with strong silica-sericite alteration adjacent to black chlorite-silica-pyrrhotite-pyrite veinlets. Hornblende phenocrysts altered to pyrite-pyrrhotite, plagioclase phenocrysts altered to clay. Frequent carbonate veining and rare shear brecciation. Trace yellow-brown sphalerite.	
RM-13-01	300.53			EOH		

HoleID	From	To	Core Angle	Code	Description	Intensity
RM-13-01	56.94	56.95	85	VEIN	Upper contact of calcite veinlet with hematite-limonite staining on fractures and a chlorite alteration selvage.	moderate
RM-13-01	111.04	111.05	65	FLT	Upper contact of fault zone	strong
RM-13-01	210.28	210.30	35	FLT	Chlorite-graphite healed gouge fault seam	strong
RM-13-01	233.73	233.74	15	FRC	Fracture along contact between mudstone and calcite veinlet (veinlet following contact between mudstone and siltstone lamina)	well defined
RM-13-01	272.79	272.8	75	FLT	Upper contact of fault	strong
RM-13-01	273.27	273.28	45	FLT	Lower contact of fault	strong
RM-13-01	282.72	282.73	30	FLT	Upper contact of fault	strong
RM-13-01	285.10	285.11	55	FLT	Lower contact of fault zone	strong

Hole Name	From	To	Chlorite	Biotite	Calcite	Dolomite	Ankerite	Albite	K-spar	Sericite	Fuchsite	Epidote	Zoisite	Garnet	Diopside	Silica	Bleaching	Clay Tourmalin a	Graphite vn	qv	Description
RM-13-01	1.83	36.00	5	5						10						40		5	20		Pervasive silica+/-sericite alteration, frequent fine to medium grained tourmaline veinlets, chlorite and clay on some fractures, occasional calcite veinlets
RM-13-01	36.00	48.44	5							10						30		15	20		Pervasive silica+/-sericite alteration, frequent fine to medium grained tourmaline veinlets, chlorite and clay on some fractures
RM-13-01	48.44	67.62	10	10					5	5						25		3	3		Pervasive silica+/-sericite-chlorite alteration, infrequent fine to medium grained tourmaline veinlets, patchy pink-beige feldspar alteration, clay on some fractures
RM-13-01	67.62	104.79	20						tr	10						25					Silica and weak K-spar alteration of porphyritic fragments, in a chlorite-sericite-silica matrix.
RM-13-01	104.79	111.04	30						10	10						25					Pervasive silica-sericite-K-spar alteration of porphyry, with chlorite filled fractures.
RM-13-01	111.04	111.71	15															20			Clay-chlorite-gouge coating rubbly core
RM-13-01	111.71	132.36	10	5						25						30	10	3			Pervasive silica-sericite-chlorite alteration, patchy bleached zones, minor clay on fractures, occasional calcite veinlets.
RM-13-01	132.36	133.95	20	5						15						30					Green chlorite-silica alteration of fragments, black chlorite-silica-sericite-plagioclase matrix. Occasional calcite veinlets.
RM-13-01	133.95	149.17	30	5						20						25		3			Black chlorite-silica veinlets, silica-sericite alteration of porphyry, chlorite alteration of hornblende phenocrysts, clay alteration of plagioclase phenocrysts.
RM-13-01	149.17	168.13	30	2						30						30		1			Pervasive silica-sericite alteration of porphyry fragments, chlorite-silica stockwork veining, chlorite alteration of hornblende phenocrysts, clay alteration of plagioclase phenocrysts. Infrequent calcite veinlets.
RM-13-01	168.13	196.35	35	2						30						30					Pervasive silica-sericite-chlorite alteration of porphyry fragments, chlorite-silica veinlets, sericite-chlorite-silica tuffaceous 'fingers'.
RM-13-01	196.35	219.28	15	1						30						30					Pervasive silicification, chlorite-sericite alteration selvages to abundant anastomosing fractures/veinlets.
RM-13-01	219.28	248.16	2	1						10						15					Pervasive silicification, silica-sericite brecciating veinlets, occasional chloritic fractures, rare calcite veining.
RM-13-01	248.16	265.08	20	3						15						20					Fine grained silicification of sandstone beds, patchy chlorite-sericite alteration, infrequent calcite veining.
RM-13-01	265.08	272.79	15	10						20						20					Silica-sericite-chlorite alteration selvages to silica-black chlorite veinlets (mottled texture). Occasional calcite veining.
RM-13-01	272.79	273.28	15	10														15	5		Clay-chlorite-graphite fault zone, minor calcite veining.
RM-13-01	273.28	279.90	15	10						20						20					Silica-sericite-chlorite alteration selvages to silica-black chlorite veinlets (mottled texture). Occasional calcite veining.
RM-13-01	279.90	282.77	15	12						30						30		2			Silica-sericite alteration of porphyry adjacent to chlorite-silica filled fractures. Frequent calcite veining, occasional clay development on fracture surfaces and plagioclase phenocrysts altered to clay.
RM-13-01	282.77	285.11	5	10						25						25		10			Blocky fractured core with chlorite-clay fault gouge on some fractures
RM-13-01	285.11	300.53	15	12						30						30		2			Silica-sericite alteration of porphyry adjacent to chlorite-silica filled fractures. Frequent calcite veining, occasional clay development on fracture surfaces and plagioclase phenocrysts altered to clay.

Hole Name	From	To	PY	PO	APY	CP	SP	GL	ST	Lim	He	CU	VG	Intensity	Description
RM-13-01	1.83	9.00	2.00	0.50						8.00	2.00			Moderate	Medium grained aggregates and wispy pyrite in fine grained tourmaline-silica veinlets. Disseminated pyrrhotite. Limonite-hematite on fractures.
RM-13-01	9.00	20.00	1.00							8.00	2.00			Moderate	Fine grained pyrite in fine grained tourmaline-silica veinlets
RM-13-01	20.00	28.80	1.00	1.00			0.30			5.00				Moderate	Trace red-brown sphalerite and fine grained pyrite in fine grained tourmaline-silica veinlets. Disseminated pyrrhotite. Limonite on fractures.
RM-13-01	28.80	36.00	2.00	1.00						5.00				Moderate	Fine grained pyrite in fine grained tourmaline-silica veinlets. Disseminated pyrrhotite. Limonite on fractures.
RM-13-01	36.00	48.44	2.00	1.00						12.00	3.00			Moderate	Fine grained pyrite in fine grained tourmaline-silica veinlets. Disseminated pyrrhotite. Limonite-hematite on fractures.
RM-13-01	48.44	54.00	2.00	3.00			tr							Moderate	Fine grained pyrite in fine grained tourmaline-silica veinlets. Disseminated pyrrhotite+/-pyrite in matrix of intrusive breccia veinlets. Trace red-brown sphalerite associated with veinlets.
RM-13-01	54.00	60.70	1.00	1.00										Low	Fine grained pyrite-pyrrhotite in veinlets and fractures.
RM-13-01	60.70	67.62	1.00	tr			1.00							Low	Fine grained pyrite, medium grained red-brown sphalerite in veinlets and fractures. Blebbly pyrrhotite.
RM-13-01	67.62	94.00	2.00	2.00										Moderate	Disseminated pyrrhotite-pyrite in matrix and fractures
RM-13-01	94.00	104.00	2.00	3.00										Moderate	Disseminated and wispy pyrite-pyrrhotite in matrix and fractures
RM-13-01	104.00	105.00	1.00	4.00										Moderate	Masses of blebby, fine grained pyrrhotite in matrix.
RM-13-01	105.00	109.00	1.00	1.00										Low	Disseminated pyrite-pyrrhotite in fragments and in fractures.
RM-13-01	109.00	115.50	2.00	2.00										Moderate	Fine to medium grained pyrite-pyrrhotite in veinlets.
RM-13-01	115.50	119.00	1.00	1.00			tr							Low	Fine grained pyrite-pyrrhotite-sphalerite in veinlets.
RM-13-01	119.00	120.00	1.00				1.00	tr						Low	Orange-brown sphalerite and galena in calcite vein. Disseminated pyrite.
RM-13-01	120.00	126.80	1.00	1.00						1.00				Low	Disseminate pyrite-pyrrhotite in veinlets, minor limonite on fractures.
RM-13-01	126.80	133.36	2.00	4.00			tr							Moderate	Masses of fine grained pyrrhotite-pyrite+/-sphalerite in black chlorite veinlets and matrix. Pyrrhotite also in calcite veins
RM-13-01	133.36	133.95	2.00	5.00										Moderate	Pyrrhotite-pyrite in matrix
RM-13-01	133.95	143.75	2.00	4.00										Moderate	Pyrite-pyrrhotite disseminated and as fine grained masses in veinlets.
RM-13-01	143.75	149.17	2.00	5.00										Moderate	Fine grained wispy aggregates of pyrite-pyrrhotite in veins and disseminated.
RM-13-01	149.17	151.20	4.00	2.00			1.00							Strong	Pyrite-pyrrhotite as disseminations and in veinlets/matrix fill. Red brown sphalerite rimming pyrite.
RM-13-01	151.20	155.80	4.00	2.00			tr							Strong	Three styles of sulphide mineralisation: Pyrrhotite-pyrite as disseminations, fine grained fractures fill/veinlets, and medium grained aggregates in veins.
RM-13-01	155.80	158.15	6.00	1.00			tr							Strong	Coarse pyrite aggregates in veinlets, fine grained pyrite+/-pyrrhotite-sphalerite in fractures/veinlets, disseminated pyrite-pyrrhotite.
RM-13-01	158.15	158.66	70.00											Very High	Massive pyrite vein - medium to coarse grained, fractured pyrite in quartz-pyrite vein
RM-13-01	158.66	159.23	20.00	2.00										High	Medium to coarse grained pyrite in matrix, replacing quartz clots, as fracture fill, and as disseminations in fragments and matrix. Disseminated pyrrhotite
RM-13-01	159.23	163.86	8.00	tr										Strong	Fine grained pyrite disseminated and in fractures. Medium to coarse grained fractured pyrite in quartz stockwork veins.
RM-13-01	163.86	164.11	60.00											High	Massive pyrite-quartz vein (coarse grained, fractured pyrite grains in quartz stockwork vein).
RM-13-01	164.11	166.96	12.00	tr										Strong	Fine grained disseminated pyrite in fractures, medium grained aggregates in quartz stockworks/matrix.
RM-13-01	166.96	168.13	4.00											Strong	Medium grained, disseminated pyrite in fragments and in quartz stockwork veining.
RM-13-01	168.13	173.26	3	2			2							Moderate	Pyrite-pyrrhotite as disseminations and fine to medium grained mass in fractures and veinlets. Red-brown sphalerite in quartz-chlorite-pyrite veinlets and overprinting porphyry fragments (sphalerite rims and replaces pyrite).
RM-13-01	173.26	177.64	2	3			5							Moderate	Pyrite-pyrrhotite as disseminations and fine to medium grained mass in fractures and veinlets. Red-brown sphalerite in quartz-chlorite-pyrite veinlets and overprinting porphyry fragments (sphalerite rims and replaces pyrite).
RM-13-01	177.64	180.72	3	1			1							Moderate	Pyrite-pyrrhotite as disseminations and fine to medium grained mass in fractures and veinlets. Red-brown sphalerite in quartz-chlorite-pyrite veinlets and overprinting porphyry fragments (sphalerite rims and replaces pyrite).
RM-13-01	180.72	182.72	2	1			3							Moderate	Fine to medium grained pyrite as disseminations and in veinlets, disseminated pyrrhotite, red-brown sphalerite disseminated and on peripheries of veinlets.
RM-13-01	182.72	188.73	3	2		tr	tr							Moderate	Pyrite-pyrrhotite+/-sphalerite-chalcocite disseminated and in veinlets.
RM-13-01	188.73	192.24	3	3		tr	3							Moderate	Pyrite-pyrrhotite in veinlets and as disseminations. Wispy red-brown sphalerite associated with veinlets.
RM-13-01	192.24	196.25	3	3										Moderate	Pyrite-pyrrhotite in veinlets and as disseminations.
RM-13-01	196.25	198.05	4	4			5							Moderate	Pyrite-pyrrhotite in veinlets and as disseminations. Wispy red-brown sphalerite associated with veinlets.
RM-13-01	198.05	205.26	4	4			tr							Moderate	Pyrite-pyrrhotite in veinlets and as disseminations. Wispy red-brown sphalerite associated with veinlets.
RM-13-01	205.26	219.28	1	4										Low	Pyrrhotite-pyrite mostly in veins/fracture network, minor disseminations.
RM-13-01	219.28	248.16	2	5										Low	Fine grained pyrrhotite replacing coarser grained silty layers, fine grained pyrrhotite+/-pyrite in brecciating veinlets, coarse euhedral disseminated pyrite.
RM-13-01	248.16	258.00	1	5										Low	Fine grained wispy pyrrhotite-pyrite in fractures/veinlets and quartz clots, disseminated euhedral pyrite.
RM-13-01	258.00	265.00	1	3										Low	Disseminated pyrite-pyrrhotite in fractures/veinlets.
RM-13-01	265.00	268.00	2	4										Low	Disseminate pyrrhotite-pyrite and fine grained masses of pyrrhotite-pyrite in fractures and veinlets.
RM-13-01	268.00	273.38	1	1										Low	Fine grained pyrite-pyrrhotite in veinlets, disseminated pyrite, pyrrhotite replacing hornblende phenocrysts.
RM-13-01	273.38	280.00	2	1										Low	Fine grained pyrite-pyrrhotite in veinlets, disseminated pyrite, pyrrhotite replacing hornblende phenocrysts.
RM-13-01	280.00	288.00	1	1										Low	Fine grained pyrite-pyrrhotite in veinlets, disseminated pyrite, pyrrhotite replacing hornblende phenocrysts.
RM-13-01	288.00	289.00	2	1			tr							Low	Fine grained pyrite-pyrrhotite in veinlets, disseminated pyrite, pyrrhotite replacing hornblende phenocrysts. Yellow-brown sphalerite along veinlets/wall rock contact.
RM-13-01	289.00	300.53	2	1										Low	Fine grained pyrite-pyrrhotite in veinlets, disseminated pyrite, pyrrhotite replacing hornblende phenocrysts.

HoleID	From	To	Length	Recovered length (m)	Core Recovery	RQD length (m)	RQD	Fracture Density (FRC/m)
RM-13-01	1.83	4.88	3.05	2.50	82%	0.99	40%	
RM-13-01	4.88	7.92	3.05	1.30	43%	0.23	18%	
RM-13-01	7.92	10.97	3.05	2.40	79%	1.27	53%	
RM-13-01	10.97	14.02	3.05	1.12	37%	0.35	31%	
RM-13-01	14.02	17.07	3.05	1.11	36%	0.53	48%	
RM-13-01	17.07	20.12	3.05	1.32	43%	0	0%	
RM-13-01	20.12	23.16	3.05	0.63	21%	0.12	19%	
RM-13-01	23.16	26.21	3.05	2.76	91%	1.07	39%	
RM-13-01	26.21	29.26	3.05	1.67	55%	0.11	7%	
RM-13-01	29.26	32.31	3.05	2.97	97%	1.09	37%	
RM-13-01	32.31	35.36	3.05	1.70	56%	0.23	14%	
RM-13-01	35.36	38.40	3.05	1.50	49%	0.18	12%	
RM-13-01	38.40	41.45	3.05	2.05	67%	0.20	10%	
RM-13-01	41.45	44.50	3.05	2.40	79%	0.31	13%	
RM-13-01	44.50	47.55	3.05	0.86	28%	0.10	12%	
RM-13-01	47.55	50.60	3.05	2.50	82%	0.92	37%	
RM-13-01	50.60	53.64	3.05	1.10	36%	0	0%	
RM-13-01	53.64	56.69	3.05	2.61	86%	1.34	51%	
RM-13-01	56.69	59.74	3.05	1.96	64%	0.49	25%	
RM-13-01	59.74	62.79	3.05	2.84	93%	1.00	35%	
RM-13-01	62.79	65.84	3.05	2.28	75%	0.90	39%	
RM-13-01	65.84	68.88	3.05	1.89	62%	1.18	62%	
RM-13-01	68.88	71.93	3.05	1.50	49%	0.32	21%	
RM-13-01	71.93	74.98	3.05	2.66	87%	1.85	70%	
RM-13-01	74.98	78.03	3.05	3.00	98%	2.78	93%	
RM-13-01	78.03	81.08	3.05	2.90	95%	2.59	89%	
RM-13-01	81.08	84.12	3.05	3.02	99%	2.77	92%	
RM-13-01	84.12	87.17	3.05	2.97	97%	2.82	95%	
RM-13-01	87.17	90.22	3.05	3.05	100%	2.80	92%	
RM-13-01	90.22	93.27	3.05	2.83	93%	2.53	89%	
RM-13-01	93.27	96.32	3.05	2.80	92%	2.59	93%	
RM-13-01	96.32	99.36	3.05	3.50	115%	3.05	87%	
RM-13-01	99.36	102.41	3.05	2.84	93%	2.02	71%	
RM-13-01	102.41	105.46	3.05	2.99	98%	2.60	87%	
RM-13-01	105.46	108.51	3.05	2.93	96%	2.52	86%	
RM-13-01	108.51	111.56	3.05	2.55	84%	1.94	76%	
RM-13-01	111.56	114.60	3.05	2.58	85%	0.41	16%	
RM-13-01	114.60	117.65	3.05	2.99	98%	1.32	44%	
RM-13-01	117.65	120.70	3.05	2.73	90%	1.41	52%	
RM-13-01	120.70	123.75	3.05	3.04	100%	2.00	66%	
RM-13-01	123.75	126.80	3.05	3.05	100%	2.30	75%	
RM-13-01	126.80	129.84	3.05	3.03	99%	1.58	52%	
RM-13-01	129.84	132.89	3.05	2.84	93%	2.13	75%	
RM-13-01	132.89	135.94	3.05	2.94	96%	2.60	88%	
RM-13-01	135.94	138.99	3.05	3.01	99%	2.32	77%	
RM-13-01	138.99	142.04	3.05	3.03	99%	2.24	74%	
RM-13-01	142.04	145.08	3.05	3.03	99%	2.73	90%	
RM-13-01	145.08	148.13	3.05	3.05	100%	2.83	93%	
RM-13-01	148.13	151.18	3.05	2.93	96%	1.90	65%	
RM-13-01	151.18	154.23	3.05	2.99	98%	2.62	88%	
RM-13-01	154.23	157.28	3.05	2.98	98%	2.78	93%	
RM-13-01	157.28	160.32	3.05	3.05	100%	3.00	98%	
RM-13-01	160.32	163.37	3.05	3.05	100%	2.97	97%	
RM-13-01	163.37	166.42	3.05	2.96	97%	2.54	86%	
RM-13-01	166.42	169.47	3.05	3.05	100%	2.73	90%	
RM-13-01	169.47	172.52	3.05	3.00	98%	2.59	86%	
RM-13-01	172.52	175.56	3.05	3.05	100%	2.85	93%	
RM-13-01	175.56	178.61	3.05	2.91	95%	2.68	92%	
RM-13-01	178.61	181.66	3.05	3.05	100%	2.59	85%	
RM-13-01	181.66	184.71	3.05	3.05	100%	2.85	93%	
RM-13-01	184.71	187.76	3.05	3.05	100%	2.68	88%	
RM-13-01	187.76	190.80	3.05	2.97	97%	2.55	86%	
RM-13-01	190.80	193.85	3.05	3.05	100%	2.77	91%	
RM-13-01	193.85	196.90	3.05	2.96	97%	2.89	98%	
RM-13-01	196.90	199.95	3.05	2.97	97%	2.97	100%	
RM-13-01	199.95	203.00	3.05	3.02	99%	2.79	92%	
RM-13-01	203.00	206.04	3.05	2.95	97%	2.82	96%	
RM-13-01	206.04	209.09	3.05	3.04	100%	2.73	90%	
RM-13-01	209.09	212.14	3.05	3.05	100%	2.70	89%	
RM-13-01	212.14	215.19	3.05	3.05	100%	2.84	93%	
RM-13-01	215.19	218.24	3.05	2.99	98%	2.97	99%	
RM-13-01	218.24	221.28	3.05	2.84	93%	2.30	81%	
RM-13-01	221.28	224.33	3.05	2.87	94%	1.63	57%	
RM-13-01	224.33	227.38	3.05	2.82	93%	1.41	50%	
RM-13-01	227.38	230.43	3.05	3.02	99%	1.77	59%	
RM-13-01	230.43	233.48	3.05	3.05	100%	2.16	71%	
RM-13-01	233.48	236.52	3.05	3.03	99%	0.48	16%	
RM-13-01	236.52	239.57	3.05	3.01	99%	2.04	68%	
RM-13-01	239.57	242.62	3.05	3.02	99%	1.91	63%	
RM-13-01	242.62	245.67	3.05	3.04	100%	2.08	68%	
RM-13-01	245.67	248.72	3.05	2.97	97%	2.65	89%	
RM-13-01	248.72	251.76	3.05	2.97	97%	2.26	76%	
RM-13-01	251.76	254.81	3.05	3.05	100%	2.53	83%	
RM-13-01	254.81	257.86	3.05	3.05	100%	2.46	81%	
RM-13-01	257.86	260.91	3.05	2.90	95%	1.99	69%	
RM-13-01	260.91	263.96	3.05	3.05	100%	2.25	74%	
RM-13-01	263.96	267.00	3.05	3.03	99%	2.49	82%	
RM-13-01	267.00	270.05	3.05	3.05	100%	2.87	94%	
RM-13-01	270.05	273.10	3.05	2.85	94%	2.70	95%	
RM-13-01	273.10	276.15	3.05	2.97	97%	2.57	87%	
RM-13-01	276.15	279.20	3.05	3.02	99%	2.31	76%	
RM-13-01	279.20	282.24	3.05	3.04	100%	2.27	75%	
RM-13-01	282.24	285.29	3.05	2.87	94%	0.60	21%	
RM-13-01	285.29	288.34	3.05	3.05	100%	2.15	70%	
RM-13-01	288.34	291.39	3.05	3.05	100%	1.74	57%	
RM-13-01	291.39	294.44	3.05	2.86	94%	1.42	50%	
RM-13-01	294.44	297.48	3.05	3.03	99%	1.23	41%	
RM-13-01	297.48	300.53	3.05	3.03	99%	2.44	81%	

Hole Name	From	To	Length	Code	Description	Rep
RM-13-02	0.00	3.05	3.05	CAS	NNE casing into scree and bedrock	
RM-13-02	3.05	17.30	14.25	CTU	Light gray colored, medium grained (1-2 mm sized hornblende-plagioclase phenocrysts), strongly bleached and weathered Crystal Tuff. Pervasive silica alteration associated with tourmaline needles. Hornblende altered to chlorite, plagioclase altered to clay. Strong limonite-hematite staining on fractures. Broken, blocky core. Trace to 1% pyrite associated with quartz veining.	
RM-13-02	17.30	56.00	38.70	CTU	Medium gray colored, medium grained (1-2 mm sized hornblende-plagioclase phenocrysts) Crystal Tuff. Pervasive silica-sericite alteration. Abundant fine grained silica-black chlorite-tourmaline cross-cutting veinlets. Occasional calcite veinlets and rare light gray tuffaceous breccia 'fingers'. Strongly fractured and broken core with hematite-limonite staining and occasional gouge on fractures (common 1-3 cm fault seams and annealed faults). Pyrite+/-pyrrhotite associated with quartz-chlorite-tourmaline veinlets.	
RM-13-02	56.00	62.83	6.83	FLT	Faulted Crystal Tuff - blocky to ground core with clay-chlorite -limonite-hematite gouge coating fractures. Some (30%) blocks of competent core (healed fault zone). Quartz veining with 2% pyrite. Base of oxidation/weathering.	
RM-13-02	62.83	67.55	4.72	CTU	Medium gray-green colored, medium grained Crystal Tuff. Pervasive silica-sericite+/-chlorite alteration. Plagioclase altered to clay. Frequent planar calcite veinlets and tension gashes. Pyrite-pyrrhotite as disseminations and in calcite veinlets. Broken to blocky core with minor gouge on fractures.	
RM-13-02	67.55	90.21	22.66	BRC	Clast supported heterolithic Breccia with sub-angular to sub-rounded, partially digested fragments of silica-sericite-chlorite altered coarse ash tuff, dark gray fine ash tuff, argillite, and plagioclase porphyry in a fine grained, chlorite-sericite-silica matrix. Disseminated pyrrhotite-pyrite in matrix. Fragments often fractured and fractures are filled with matrix material. Occasional calcite veinlets.	
RM-13-02	90.21	109.03	18.82	I2QMD	Medium to dark gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase-Quartz Porphyry. Pervasive silica-sericite alteration, moderately fractured by fine grained black chlorite-silica(?) +/- pyrrhotite-pyrite veinlets. Hornblende phenocrysts altered to chlorite-pyrrhotite-pyrite, plagioclase phenocrysts altered to clay. Occasional calcite veinlets, trace K-spar, shearing in places. Quartz phenocrysts and gray bleaching becoming more abundant gradationally towards bottom of interval.	
RM-13-02	109.03	113.75	4.72	FLT	Light gray-white colored, bleached, partially healed Fault Zone. Quartz-calcite-chlorite healed core (90%), rubbly gouge seams (10%). Pyrite+/-galena in veinlets/chloritic fractures. Gradational contacts.	
RM-13-02	113.75	118.47	4.72	I2MD/BRC	Monomictic, clast supported, brecciated Hornblende-Plagioclase Porphyry. Partially digested, pervasive silica-sericite altered porphyry fragments brecciated by fine grained, black chlorite-pyrite-pyrrhotite veinlets. Common calcite veinlets and tension gashes. Gradational upper and lower contacts.	
RM-13-02	118.47	140.80	22.33	I2MD	Medium to dark gray colored, fine to medium grained, Hornblende-Plagioclase Porphyry (finer grained near upper contact). Pervasive silica-sericite alteration. Plagioclase phenocrysts altered to clay, hornblende phenocrysts altered to chlorite-pyrrhotite. Occasional black chlorite-pyrrhotite-pyrite irregular, cross-cutting veinlets.	
RM-13-02	140.80	155.17	14.37	MIN/I2MD	Medium to light gray-green colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Cut by fine grained black chlorite-silica stockwork veinlets with fine grained masses of pyrite-pyrrhotite-sphalerite, and by quartz veins with semi-massive to massive pyrite+/-pyrrhotite-sphalerite with black chlorite alteration selvages.	
RM-13-02	155.17			EOH		

HoleID	From	To	Core Angle	Code	Description	Intensity
RM-13-02	56.00	56.01	50	FLT	Upper contact of fault zone (irregular lower contact)	strong
RM-13-02	85.53	85.54	45	VEIN	Planar calcite veinlet (roughly representative of average calcite veinlet orientation)	well defined
RM-13-02	98.09	98.10	25	VEIN	Lower contact of calcite-black chlorite-coarse pyrrhotite vein (vein from 97.87-98.10 m)	well defined
RM-13-02	135.58	135.59	40	VEIN	Upper contact of (vein from 135.58-135.63 m)- calcite-pyrrhotite+/-pyrite vein with chlorite-pyrrhotite alteration selvage	well defined
RM-13-02	145.68	145.69	40	VEIN	Lower contact of massive pyrite-quartz vein (upper contact is irregular).	well defined

Hole Name	From	To	Chlorite	Biotite	Calcite	Dolomite	Ankerite	Albite	K-spar	Sericite	Fuchsite	Epidote	Zoisite	Garnet	Diopside	Silica	Bleaching	Clay tourmalin a vn	qv	Description
RM-13-02	3.05	17.30	10													20	20	5	10	Pervasive silica alteration and bleaching, clay-chlorite alteration of hornblende-plagioclase, tourmaline blades associated with quartz.
RM-13-02	17.30	29.85	15		10					15						20			10	Pervasive silica-sericite alteration, silica-chlorite-tourmaline veinlets, occasional calcite veinlets.
RM-13-02	29.85	56.00	15		15					15						20		15	10	Pervasive silica-sericite alteration, silica-chlorite-tourmaline veinlets, occasional calcite veinlets, clay coating fractures (fault seams)
RM-13-02	56.00	62.83	15		10					15						20			20	Pervasive silica-sericite altered Crystal Tuff with silica-chlorite veinlets, strong clay-limonite-hematite on fractures. Base of oxidation/weathering.
RM-13-02	62.83	67.55	10		15					15						20			10	Pervasive silica-sericite-chlorite alteration, occasional calcite veinlets, clay on fractures, plagioclase altered to clay.
RM-13-02	67.55	90.21	20		10					20						15				Chlorite-sericite-silica altered matrix, silica-sericite altered fragments, frequent calcite veinlets.
RM-13-02	90.21	109.93	15		5				tr	20						20			2	Pervasive silica-sericite alteration, chlorite-silica fractures/veinlets, trace K-spar alteration, hornblende phenocrysts altered to chlorite. Plagioclase phenocrysts altered to clay, occasional calcite veinlets/veins
RM-13-02	109.93	113.75	20		15											5	50		10	Bleached porphyritic groundmass, calcite-chlorite-clay-silica healed fault zone and coatings on fractures.
RM-13-02	113.75	118.47	15		5					20						20				Pervasive silica-sericite alteration of porphyry, chlorite veinlets and fracture fill, occasional calcite veinlets.
RM-13-02	118.47	140.80	10		3					25						25				Pervasive silica-sericite+/-chlorite alteration, chlorite on fractures, occasional calcite veinlets.
RM-13-02	140.80	155.17	20		tr					35						30				Pervasive sericite-silica-chlorite alteration, common silica-black chlorite veinlets with chlorite alteration selvages.

Hole Name	From	To	PY	PO	APY	CP	SP	GL	ST	Lim	He	CU	VG	Intensity	Description
RM-13-02	3.05	11.70	tr							15	5			Low	Fine grained pyrite in quartz veinlets, limonite-hematite coating fractures planes.
RM-13-02	11.70	24.00	1							15	5			Low	Fine grained pyrite in quartz veinlets, limonite-hematite coating fractures planes.
RM-13-02	24.00	29.85	1	tr						5				Low	Fine grained pyrite in quartz veinlets, limonite-hematite coating fractures planes.
RM-13-02	29.85	45.65	1	tr						15	5			Low	Fine grained pyrite in quartz veinlets, limonite-hematite-clay coating fractures (fault seams).
RM-13-02	45.65	56.00	2	1						5				Low	Fine grained pyrite in quartz veinlets, pyrite-pyrrhotite replacing hornblende and as disseminations, limonite-hematite coating fractures planes.
RM-13-02	56.00	62.83	2						20	10				Low	Fault zone with limonite-hematite-clay-gouge on fractures.
RM-13-02	62.83	78.00	1	tr										Low	Pyrite-pyrrhotite in veinlets and as disseminations.
RM-13-02	78.00	90.21	1	1										Low	Pyrite-pyrrhotite in veinlets and as disseminations.
RM-13-02	90.21	97.89	1	1										Low	Pyrite-pyrrhotite in veinlets and replacing hornblende phenocrysts
RM-13-02	97.89	102.00	2	2										Low	Pyrite-pyrrhotite in veinlets and replacing hornblende phenocrysts
RM-13-02	102.00	109.00	1	1										Low	Pyrite-pyrrhotite in veinlets and replacing hornblende phenocrysts
RM-13-02	109.00	109.50	2					tr						Low	Pyrite in chloritic fractures, galena blebs in calcite veinlet
RM-13-02	109.50	114.47	2											Low	Pyrite in chloritic fractures
RM-13-02	114.47	118.00	2	2										Low	Fine grained masses and blebs of pyrite-pyrrhotite in chlorite veinlets
RM-13-02	118.00	120.00	1	3										Low	Fine grained masses and blebs of pyrite-pyrrhotite in chlorite veinlets
RM-13-02	120.00	135.00	1	2										Low	Fine grained masses and blebs of pyrite-pyrrhotite in chlorite veinlets, medium grained disseminated pyrite
RM-13-02	135.00	136.50	1	3										Low	Fine grained masses and blebs of pyrite-pyrrhotite in chlorite veinlets, medium grained disseminated pyrite, pyrrhotite in calcite veinlets.
RM-13-02	136.50	140.80	2	2										Low	Fine grained pyrite-pyrrhotite in veinlets and disseminated
RM-13-02	140.80	142.00	2	2			1							Low	Fine grained pyrite-pyrrhotite-red-brown sphalerite in veinlets and disseminated
RM-13-02	142.00	144.00	3	2			3							Moderate	Fine grained masses of pyrite-pyrrhotite-sphalerite in veinlets and as disseminations
RM-13-02	144.00	145.40	10	2			1							Strong	Fine grained masses of pyrite-pyrrhotite-sphalerite in veinlets and as disseminations, coarse grained semi-massive pyrite in quartz stockwork veins
RM-13-02	145.40	145.70	80	1			1							Very High	Massive pyrite-quartz stockwork vein
RM-13-02	145.70	146.88	6	1			4							Strong	Fine grained wispy pyrite-pyrrhotite-sphalerite, and semi-massive pyrite in quartz vein with chlorite alteration selvage. Sphalerite rimming and overprinting pyrite.
RM-13-02	146.88	155.17	3	2			5							Strong	Fine grained pyrrhotite, medium grained pyrite, and fine to medium grained sphalerite in silica-chlorite stockwork veinlets and as disseminations.

HoleID	From	To	Length	Recovered length (m)	Core Recovery	RQD length (m)	RQD	Fracture Density (FRC/m)
RM-13-02	3.05	6.10	3.05	2.16	71%	0.71	33%	
RM-13-02	6.10	9.15	3.05	2.43	80%	0.81	33%	
RM-13-02	9.15	12.20	3.05	3.00	98%	0.78	26%	
RM-13-02	12.20	15.24	3.05	1.84	60%	0.84	46%	
RM-13-02	15.24	18.29	3.05	1.92	63%	0.33	17%	
RM-13-02	18.29	21.34	3.05	2.15	71%	0.37	17%	
RM-13-02	21.34	24.39	3.05	2.00	66%	0.80	40%	
RM-13-02	24.39	27.44	3.05	2.66	87%	2.11	79%	
RM-13-02	27.44	30.48	3.05	2.73	90%	1.99	73%	
RM-13-02	30.48	33.53	3.05	1.44	47%	0	0%	
RM-13-02	33.53	36.58	3.05	2.91	95%	0.21	7%	
RM-13-02	36.58	39.63	3.05	2.12	70%	0.20	9%	
RM-13-02	39.63	42.68	3.05	2.13	70%	0.52	24%	
RM-13-02	42.68	45.72	3.05	2.96	97%	0.33	11%	
RM-13-02	45.72	48.77	3.05	2.92	96%	0.64	22%	
RM-13-02	48.77	51.82	3.05	2.64	87%	1.22	46%	
RM-13-02	51.82	54.87	3.05	2.82	93%	1.32	47%	
RM-13-02	54.87	57.92	3.05	1.58	52%	0.11	7%	
RM-13-02	57.92	60.96	3.05	2.04	67%	0.33	16%	
RM-13-02	60.96	64.01	3.05	2.97	97%	0.91	31%	
RM-13-02	64.01	67.06	3.05	2.67	88%	1.10	41%	
RM-13-02	67.06	70.11	3.05	2.87	94%	1.49	52%	
RM-13-02	70.11	73.16	3.05	3.04	100%	1.74	57%	
RM-13-02	73.16	76.20	3.05	2.99	98%	1.38	46%	
RM-13-02	76.20	79.25	3.05	3.01	99%	2.45	81%	
RM-13-02	79.25	82.30	3.05	2.95	97%	2.56	87%	
RM-13-02	82.30	85.35	3.05	3.03	99%	2.50	83%	
RM-13-02	85.35	88.40	3.05	2.94	96%	2.46	84%	
RM-13-02	88.40	91.44	3.05	3.04	100%	2.39	79%	
RM-13-02	91.44	94.49	3.05	3.05	100%	2.65	87%	
RM-13-02	94.49	97.54	3.05	2.91	95%	2.06	71%	
RM-13-02	97.54	100.59	3.05	3.00	98%	2.76	92%	
RM-13-02	100.59	103.64	3.05	3.05	100%	2.54	83%	
RM-13-02	103.64	106.68	3.05	3.05	100%	2.45	80%	
RM-13-02	106.68	109.73	3.05	2.96	97%	2.29	77%	
RM-13-02	109.73	112.78	3.05	2.78	91%	1.20	43%	
RM-13-02	112.78	115.83	3.05	2.58	85%	2.21	86%	
RM-13-02	115.83	118.88	3.05	2.90	95%	2.62	90%	
RM-13-02	118.88	121.92	3.05	3.02	99%	2.53	84%	
RM-13-02	121.92	124.97	3.05	3.05	100%	2.40	79%	
RM-13-02	124.97	128.02	3.05	2.97	97%	2.47	83%	
RM-13-02	128.02	131.07	3.05	2.88	94%	1.48	51%	
RM-13-02	131.07	134.12	3.05	3.05	100%	2.92	96%	
RM-13-02	134.12	137.16	3.05	3.05	100%	2.89	95%	
RM-13-02	137.16	140.21	3.05	3.02	99%	2.54	84%	
RM-13-02	140.21	143.26	3.05	3.05	100%	2.86	94%	
RM-13-02	143.26	146.31	3.05	3.05	100%	3.05	100%	
RM-13-02	146.31	149.36	3.05	3.05	100%	3.05	100%	
RM-13-02	149.36	152.40	3.05	3.02	99%	2.97	98%	
RM-13-02	152.40	155.17	2.77	2.77	100%	2.77	100%	

Hole Name	From	To	Length	Code	Description	Rep
RM-13-03	0.00	3.05	3.05	CAS	NNE casing into scree and bedrock	
RM-13-03	3.05	23.15	20.10	CTU	Light gray colored, medium grained (1-4 mm sized hornblende-plagioclase phenocrysts), strongly bleached and weathered Crystal Tuff. Pervasive silica alteration associated with tourmaline needles. Hornblende altered to chlorite, plagioclase altered to clay. Strong limonite-hematite staining on fractures and frequent gossanous pyrite-quartz veins (1 every 2 m) with limonite-hematite staining and boxwork textures. Broken, blocky core. Trace to 1% pyrite associated with quartz veining.	
RM-13-03	23.15	40.00	16.85	CTU	Medium to light gray colored, medium grained (1-3 mm sized hornblende-plagioclase phenocrysts) Crystal Tuff. Patchy bleaching, pervasive silica-sericite alteration. Commonly fractured by fine grained silica-black chlorite (?) cross-cutting veinlets. Strongly fractured and broken core with clay-limonite gouge on some fractures (micro-faulting), fault zone from 33.10-33.30 m. Pyrite+/-pyrrhotite associated with quartz-chlorite veinlets.	
RM-13-03	40.00	43	3.00	FLT	Hematite stained gouge and ground core in fault zone. Base of weathering/oxidation.	
RM-13-03	43	46.33	3.33	CTU	Medium gray colored, medium to coarse grained (1-4 mm phenocrysts) hornblende-plagioclase Crystal Tuff with strong pervasive silica alteration overprinting original textures. Pervasive silica-sericite+/-chlorite alteration. Plagioclase altered to clay. Frequent planar calcite veinlets and tension gashes. Pyrite-pyrrhotite as disseminations and in calcite veinlets. Broken to blocky core with minor gouge on fractures and weak limonite staining along joint planes.	
RM-13-03	46.33	46.75	0.42	FLT	Partially healed clay-chlorite gouge fault zone.	
RM-13-03	46.75	70.20	23.45	CTU	Medium gray colored, medium to coarse grained (1-4 mm phenocrysts) hornblende-plagioclase Crystal Tuff with strong pervasive silica alteration overprinting original textures. Pervasive silica-sericite+/-chlorite alteration. Plagioclase altered to clay. Frequent planar calcite veinlets and tension gashes. Pyrite-pyrrhotite as disseminations and in calcite veinlets (semi-massive pyrrhotite vein with irregular contacts from 58.3-58.63 m with 40% pyrrhotite, 1% pyrite). Broken to blocky core with minor gouge on fractures and weak limonite staining along joint planes.	
RM-13-03	70.20	70.51	0.31	FLT	Partially healed clay-chlorite-graphite gouge fault zone.	
RM-13-03	70.51	73.75	3.24	CTU	Medium gray colored, medium to coarse grained (1-4 mm phenocrysts) hornblende-plagioclase Crystal Tuff with strong pervasive silica alteration overprinting original textures. Pervasive silica-sericite+/-chlorite alteration. Plagioclase altered to clay. Frequent planar calcite veinlets and tension gashes. Pyrite-pyrrhotite as disseminations and in calcite veinlets. Broken to blocky core with minor gouge on fractures and weak limonite staining along joint planes.	
RM-13-03	73.75	74.60	0.85	BRC	Clast supported heterolithic Breccia with sub-rounded fragments of argillite, hornblende-plagioclase porphyry, and strongly silicified rock in a fine grained sericite-silica-chlorite (?) matrix. Pyrite-pyrrhotite replacing clasts and disseminated. Fractured core.	
RM-13-03	74.60	116.26	41.66	I2QMD	Medium to dark gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase-Quartz Porphyry. Pervasive sericite-silica alteration and patchy chlorite alteration. Moderately to strongly fractures by cross-cutting silica-black chlorite veinlets. Occasional planar calcite veinlets. Hornblende phenocrysts altered to chlorite-pyrite-pyrrhotite, plagioclase phenocrysts altered to clay. Shearing and associated clay-chlorite on some fractures. Quartz phenocrysts and gray bleaching gradationally becoming more abundant towards bottom of interval. Pyrite-pyrrhotite as fine grained masses in black chlorite-silica veinlets, disseminations and replacing hornblende.	
RM-13-03	116.26	116.80	0.54	SHR	Partially healed white clay-chlorite-carbonate-quartz shear zone. Calcite vein at upper contact carries 1% sphalerite and trace galena.	
RM-13-03	116.80	145.00	28.20	I2MD	Medium to dark gray colored, medium grained, Hornblende-Plagioclase Porphyry. Pervasive silica-sericite+/-chlorite alteration (mottled texture in places) with common cross-cutting chlorite-silica veinlets. Hornblende phenocrysts altered to chlorite-pyrite-pyrrhotite, plagioclase altered to clay. Frequent planar calcite veinlets. Alteration increases towards bottom of interval. Fine grained masses of pyrite-pyrrhotite in silica-chlorite veinlets.	
RM-13-03	145.00	166.11	21.11	I2MD	Light to medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry with pervasive silica-sericite-chlorite alteration. Cross-cutting quartz-silica veinlets with pyrite-sphalerite+/-pyrrhotite mineralisation and chlorite alteration selvages (hanging wall sphalerite halo, with red-brown sphalerite in veinlets rimming and replacing pyrite). Hornblende phenocrysts altered to chlorite-pyrite, plagioclase altered to clay. Infrequent calcite veinlets.	
RM-13-03	166.11	181.87	15.76	MIN/I2MD	Light gray colored, medium grained (1-3 mm sized) Hornblende-Plagioclase Porphyry, cut by frequent quartz stockwork veins/veinlets with semi-massive to massive pyrite and chlorite alteration selvages. Trace sphalerite-pyrrhotite. Hornblende phenocrysts altered to chlorite-pyrite, plagioclase phenocrysts altered to clay. Infrequent calcite veinlets.	
RM-13-03	181.87	189.66	7.79	IIN I2MD/BR	Light to medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry, brecciated by black chlorite-silica-pyrite stockwork veinlets and by tuffaceous breccia 'fingers' (gray-green colored, matrix supported, hornblende-plagioclase 1 mm sized phenocrysts in an aphanitic matrix with disseminated pyrite). Porphyry fragments have been partially corroded in places by the tuffaceous breccia 'fingers'. Up to 5% pyrite, 4% red-brown sphalerite in veinlets/matrix (sphalerite footwall alteration halo).	
RM-13-03	186.99	225.00	38.01	I2MD	Medium gray colored, medium grained (1-3 mm sized phenocrysts) Hornblende-Plagioclase Porphyry. Mottled texture, frequent cross-cutting black chlorite-silica veinlets with sericite-chlorite alteration selvages. Fine to medium grained masses of pyrite-pyrrhotite in veinlets and disseminated. Minor clay gouge on fractures.	
RM-13-03	225.00			EOH		

HoleID	From	To	Core Angle	Code	Description	Intensity
RM-13-03	13.60	13.61	20	VEIN	Gossanous quartz-pyrite vein	well defined
RM-13-03	46.74	46.75	50	FLT	Lower contact of fault zone	strong
RM-13-03	108.86	108.87	75	VEIN	Lower contact of calcite vein with 2% pyrite, 1% sphalerite, 1% galena, trace pyrrhotite	well defined
RM-13-03	116.26	116.27	50	SHR	Upper contact of shear zone	strong
RM-13-03	117.81	117.82	60	SHR	Lower contact of shear zone	strong
RM-13-03	166.23	166.24	40	FLT	Clay-chlorite healed 2.5 cm thick fault seam	strong
RM-13-03	167.93	167.94	45	VEIN	Upper contact of massive pyrite vein	strong
RM-13-03	203.31	203.33	35	SHR	Chlorite-clay shear (2 cm thick)	well defined

Hole Name	From	To	Chlorite	Biotite	Calcite	Dolomite	Ankerite	Albite	K-spar	Sericite	Fuchsite	Epidote	Zoisite	Garnet	Diopside	Silica	Bleaching	Clay	Tourmaline	Graphite	vn	qv	Description
RM-13-03	3.05	23.15	10													20	20	5	10				Pervasive silica alteration and bleaching, chlorite alteration of hornblende, chlorite on fractures/vein selvages, tourmaline needles associated with silica alteration, clay-limonite-hematite coating common fractures.
RM-13-03	23.15	40.00	20													20	5	10					Pervasive silica, patchy bleaching, clay on faulted fractures, chlorite veinlets and alteration of hornblende
RM-13-03	40.00	43.00	15															40					Hematite stained ground core and gouge fault zone.
RM-13-03	42.00	46.33	20													20	5	10					Pervasive silica, patchy bleaching, clay on faulted fractures, chlorite veinlets and alteration of hornblende
RM-13-03	46.33	46.75	15															20					Clay-chlorite gouge fault zone
RM-13-03	46.75	70.20	10		15					15						20		10					Pervasive silica-sericite-chlorite alteration, clay on fractures and plagioclase altered to clay, occasional calcite veinlets.
RM-13-03	70.20	70.51	20															20	5				Clay-chlorite-graphite gouge fault zone
RM-13-03	70.51	73.75	10		5											20		10					Pervasive silica-sericite-chlorite alteration, clay on fractures and plagioclase altered to clay, occasional calcite veinlets.
RM-13-03	73.75	74.60	20							5						15							Chlorite-silica-sericite matrix, silicification of fragments
RM-13-03	74.60	108.00	10		5					25						25							Pervasive silica-sericite+/-chlorite alteration, chlorite-silica veinlets, calcite veinlets
RM-13-03	108.00	110.42	10		20					30						20	10						White calcite vein and veinlets associated with white to gray colored bleaching-sericite-silica-chlorite alteration
RM-13-03	110.42	116.26	15		2					30						20							Patchy silica-sericite-chlorite alteration (mottled texture). Chloritic fractures and veinlets, trace actinolite. Infrequent calcite veinlets.
RM-13-03	116.26	144.46	15		5					25						25		5					Pervasive silica-sericite-chlorite alteration. Chlorite-silica veinlets and frequent calcite veinlets. Hornblende altered to chlorite, plagioclase altered to clay
RM-13-03	144.46	162.25	15		5					30						25		5					Light to medium gray-green colored pervasive sericite-chlorite-silica alteration. Hornblende altered to chlorite+/-pyrite, plagioclase altered to clay. Infrequent calcite veinlets.
RM-13-03	162.25	181.87	10		2					35						30		1					Pervasive sericite-silica alteration and frequent silica-chlorite stockwork veinlets. Rare calcite veinlets.
RM-13-03	181.87	189.66	20							35						20		1					Pervasive sericite-silica alteration of porphyry fragments, chlorite alteration of matrix.
RM-13-03	189.66	225.00	15		5					25						20							Pervasive sericite-chlorite alteration, frequent chlorite-silica veinlets. Minor calcite+/-quartz veinlets. Hornblende altered to chlorite, plagioclase altered to clay. Minor clay and gouge on fractures.

Hole Name	From	To	PY	PO	APY	CP	SP	GL	ST	Lim	He	CU	VG	Intensity	Description
RM-13-03	3.05	8.00	2							15	5			Low	Limonite-hematite coating fractures
RM-13-03	8.00	11.00	tr							15	5			Low	Limonite-hematite coating fractures
RM-13-03	11.00	13.50	3							15	5			Moderate	Gossanous pyrite-limonite-hematite-quartz vein with boxwork textures
RM-13-03	13.50	13.65	15							8	3			Strong	Semi-massive gossanous pyrite-quartz vein
RM-13-03	13.65	22.50	3							15	5			Moderate	Common gossanous pyrite-quartz veins
RM-13-03	22.50	38.00	2							5				Low	Pyrite in quartz veinlets
RM-13-03	38.00	39.00	4							5				Moderate	Pyrite-quartz gossanous veinlets
RM-13-03	39.00	40.00	1							1				Low	Fine grained pyrite in fractures
RM-13-03	40.00	43.00								20	5			Low	Limonite-hematite stained fault zone (base of oxidation/weathering)
RM-13-03	43.00	50.00	1											Low	Fine grained pyrite in veinlets
RM-13-03	50.00	57.00	2											Low	Fine grained pyrite in veinlets
RM-13-03	57.00	58.30	1	1										Low	Fine grained pyrrhotite-pyrite in silica-chlorite veinlets
RM-13-03	58.30	58.63	1	40										Low	Semi-massive pyrrhotite vein
RM-13-03	58.63	67.15	1	1										Low	Fine to medium grained pyrite in silica-chlorite veinlets
RM-13-03	67.15	71.51	2	2										Low	Medium grained pyrite masses, fine grained pyrrhotite associated with silica alteration
RM-13-03	71.51	84.00	2	2										Low	Fine grained masses of pyrrhotite-pyrite in quartz-chlorite veinlets
RM-13-03	84.00	99.80	2	2										Low	Fine grained masses of pyrrhotite-pyrite in quartz-chlorite veinlets
RM-13-03	99.80	103.35	3	1										Moderate	Fine grained masses of pyrrhotite-pyrite in quartz-chlorite veinlets
RM-13-03	103.35	108.72	2	1			1	1						Low	Disseminated coarse euhedral pyrite throughout, red-brown sphalerite-galena-pyrite-pyrrhotite in white calcite vein
RM-13-03	108.87	116.26	3	tr										Moderate	Fine grained pyrite+/-pyrrhotite in silica-chlorite veinlets
RM-13-03	116.26	116.80	1				10	tr						Low	Disseminated pyrite in healed shear, sphalerite-galena in calcite vein
RM-13-03	116.80	120.00	2	2										Low	Fine grained masses of pyrite-pyrrhotite in quartz-chlorite veinlets
RM-13-03	120.00	136.55	2	1										Low	Fine grained masses of pyrite-pyrrhotite in quartz-chlorite veinlets
RM-13-03	136.55	145.00	3	3										Moderate	Fine grained masses of pyrite-pyrrhotite in quartz-chlorite veinlets
RM-13-03	145.00	149.30	3	tr			2							Moderate	Fine to medium grained pyrite-pyrrhotite masses and red-brown sphalerite in silica-chlorite veinlets, pyrite-red-brown sphalerite replacing hornblende.
RM-13-03	149.30	153.22	4				4							Moderate	Fine to medium grained pyrite masses and red-brown sphalerite in silica-chlorite veinlets, pyrite-red-brown sphalerite replacing hornblende.
RM-13-03	153.22	157.85	2	1			2							Moderate	Fine to medium grained pyrite-pyrrhotite masses and red-brown sphalerite in silica-chlorite veinlets, pyrite-red-brown sphalerite replacing hornblende.
RM-13-03	157.85	162.46	3	2			3							Moderate	Fine to medium grained pyrite-pyrrhotite masses and red-brown sphalerite in silica-chlorite veinlets, pyrite-red-brown sphalerite replacing hornblende.
RM-13-03	162.46	166.43	5				1							Moderate	Disseminated and veinlet hosted medium grained pyrite, red-brown sphalerite in veinlets (rimming pyrite grains)
RM-13-03	166.43	167.45	10				tr							Strong	Medium grained pyrite aggregates in stockwork veinlets and disseminated
RM-13-03	167.45	168.31	70											High	Two parallel massive pyrite veins with strong sericite-silica altered host rock in between (veins from 167.45-167.83 m, 167.94-168.31 m)
RM-13-03	168.31	171.43	10	1										Strong	Medium grained pyrite aggregates and pyrrhotite in quartz stockwork veining with chlorite alteration selvages (semi-massive pyrite veins). Pyrite also disseminated throughout host rock
RM-13-03	171.43	171.92	60											High	Massive pyrite vein
RM-13-03	171.92	174.00	8											Strong	Semi-massive pyrite in quartz stockwork veins and disseminated pyrite
RM-13-03	174.00	176.18	4				tr							Moderate	Pyrite in quartz stockwork veins and as disseminations, trace sphalerite
RM-13-03	176.18	178.75	3				2							Moderate	Pyrite-sphalerite in veinlets and disseminations
RM-13-03	178.75	181.30	5	1			tr							Strong	Semi-massive pyrite+/-pyrrhotite-sphalerite in quartz veins
RM-13-03	181.30	186.96	3	2			2							Moderate	Pyrite-pyrrhotite-sphalerite in stockwork veinlets/matrix and as disseminations
RM-13-03	186.96	187.15	5				4							Strong	Pyrite-sphalerite in veinlets/matrix
RM-13-03	187.15	193.45	3	1			1							Moderate	Pyrite-pyrrhotite-sphalerite in veinlets and disseminations
RM-13-03	193.45	199.60	3	3										Moderate	Pyrite-pyrrhotite-sphalerite in veinlets and disseminations
RM-13-03	199.60	207.00	3	3										Moderate	Pyrite-pyrrhotite-sphalerite in veinlets and disseminations
RM-13-03	207.00	225.00	2	2										Low	Pyrite-pyrrhotite-sphalerite in veinlets and disseminations

HoleID	From	To	Length	Recovered length (m)	Core Recovery	RQD length (m)	RQD	Fracture Density (FRC/m)
RM-13-03	3.05	6.10	3.05	2.31	76%	1.21	52%	
RM-13-03	6.10	9.15	3.05	2.10	69%	1.03	49%	
RM-13-03	9.15	12.20	3.05	2.97	97%	0.78	26%	
RM-13-03	12.20	15.24	3.05	2.98	98%	2.12	71%	
RM-13-03	15.24	18.29	3.05	3.02	99%	1.60	53%	
RM-13-03	18.29	21.34	3.05	2.35	77%	0.10	4%	
RM-13-03	21.34	24.39	3.05	2.99	98%	0.38	13%	
RM-13-03	24.39	27.44	3.05	2.71	89%	2.35	87%	
RM-13-03	27.44	30.48	3.05	2.46	81%	1.02	41%	
RM-13-03	30.48	33.53	3.05	2.15	71%	0.20	9%	
RM-13-03	33.53	36.58	3.05	2.27	74%	0.37	16%	
RM-13-03	36.58	39.63	3.05	2.83	93%	0.68	24%	
RM-13-03	39.63	42.68	3.05	1.64	54%	0.10	6%	
RM-13-03	42.68	45.72	3.05	2.42	79%	0.43	18%	
RM-13-03	45.72	48.77	3.05	2.99	98%	1.50	50%	
RM-13-03	48.77	51.82	3.05	2.86	94%	1.61	56%	
RM-13-03	51.82	54.87	3.05	2.90	95%	1.14	39%	
RM-13-03	54.87	57.92	3.05	3.00	98%	1.35	45%	
RM-13-03	57.92	60.96	3.05	3.01	99%	1.67	55%	
RM-13-03	60.96	64.01	3.05	2.79	92%	1.95	70%	
RM-13-03	64.01	67.06	3.05	3.02	99%	1.71	57%	
RM-13-03	67.06	70.11	3.05	3.03	99%	1.43	47%	
RM-13-03	70.11	73.16	3.05	2.87	94%	0.91	32%	
RM-13-03	73.16	76.20	3.05	2.88	94%	1.18	41%	
RM-13-03	76.20	79.25	3.05	2.86	94%	1.65	58%	
RM-13-03	79.25	82.30	3.05	2.81	92%	1.32	47%	
RM-13-03	82.30	85.35	3.05	2.76	91%	1.54	56%	
RM-13-03	85.35	88.40	3.05	2.91	95%	2.06	71%	
RM-13-03	88.40	91.44	3.05	3.02	99%	1.71	57%	
RM-13-03	91.44	94.49	3.05	3.05	100%	2.71	89%	
RM-13-03	94.49	97.54	3.05	3.00	98%	2.09	70%	
RM-13-03	97.54	100.59	3.05	2.94	96%	2.02	69%	
RM-13-03	100.59	103.64	3.05	2.92	96%	0.95	33%	
RM-13-03	103.64	106.68	3.05	3.05	100%	2.15	70%	
RM-13-03	106.68	109.73	3.05	3.02	99%	1.90	63%	
RM-13-03	109.73	112.78	3.05	3.04	100%	1.54	51%	
RM-13-03	112.78	115.83	3.05	2.93	96%	1.49	51%	
RM-13-03	115.83	118.88	3.05	2.71	89%	1.88	69%	
RM-13-03	118.88	121.92	3.05	2.78	91%	1.92	69%	
RM-13-03	121.92	124.97	3.05	3.03	99%	1.79	59%	
RM-13-03	124.97	128.02	3.05	3.05	100%	2.82	92%	
RM-13-03	128.02	131.07	3.05	3.05	100%	2.90	95%	
RM-13-03	131.07	134.12	3.05	3.05	100%	2.91	95%	
RM-13-03	134.12	137.16	3.05	3.05	100%	2.58	85%	
RM-13-03	137.16	140.21	3.05	3.05	100%	2.98	98%	
RM-13-03	140.21	143.26	3.05	3.05	100%	2.65	87%	
RM-13-03	143.26	146.31	3.05	3.05	100%	3.05	100%	
RM-13-03	146.31	149.36	3.05	3.05	100%	2.93	96%	
RM-13-03	149.36	152.40	3.05	3.05	100%	2.93	96%	
RM-13-03	152.40	155.45	3.05	3.03	99%	3.05	101%	
RM-13-03	155.45	158.50	3.05	2.88	94%	2.91	101%	
RM-13-03	158.50	161.55	3.05	3.05	100%	2.81	92%	
RM-13-03	161.55	164.60	3.05	3.05	100%	3.05	100%	
RM-13-03	164.60	167.64	3.05	3.05	100%	3.05	100%	
RM-13-03	167.64	170.69	3.05	3.05	100%	3.05	100%	
RM-13-03	170.69	173.74	3.05	3.05	100%	3.05	100%	
RM-13-03	173.74	176.79	3.05	2.94	96%	2.78	95%	
RM-13-03	176.79	179.84	3.05	3.05	100%	3.05	100%	
RM-13-03	179.84	182.88	3.05	3.05	100%	3.05	100%	
RM-13-03	182.88	185.93	3.05	2.45	80%	2.45	100%	
RM-13-03	185.93	188.98	3.05	3.05	100%	3.05	100%	
RM-13-03	188.98	192.03	3.05	3.05	100%	3.05	100%	
RM-13-03	192.03	195.08	3.05	3.05	100%	3.05	100%	
RM-13-03	195.08	198.12	3.05	3.02	99%	3.02	100%	
RM-13-03	198.12	201.17	3.05	3.00	98%	2.15	72%	
RM-13-03	201.17	204.22	3.05	2.96	97%	2.17	73%	
RM-13-03	204.22	207.27	3.05	2.50	82%	1.28	51%	
RM-13-03	207.27	210.32	3.05	3.05	100%	2.51	82%	
RM-13-03	210.32	213.36	3.05	3.04	100%	3.00	99%	
RM-13-03	213.36	216.41	3.05	3.05	100%	2.59	85%	
RM-13-03	216.41	219.46	3.05	3.0	98%	2.50	83%	
RM-13-03	219.46	222.51	3.05	3.05	100%	3.05	100%	
RM-13-03	222.51	225.00	2.49	2.48	100%	2.20	89%	

11.0 APPENDIX C – DETAILED SUMMARY OF SAMPLE ASSAYS

11.0 APPENDIX C – DETAILED SUMMARY OF SAMPLE ASSAYS

Table with columns: Holes, SampleID, From, To, Length, Comminc, Description, Au_gpm, Standard_gpm, Blank, Double Split, Batch-Number, Ag_gpm, Pb_gpm, Zn_gpm, Cu_gpm, As_gpm, Fe(%) ,S(%) ,SG, Zn(%)

HoleID	SampleID	From	To	Length	Consecutive	Description	Au_ppm	Standard_ppm	Blank	Double Split	Batch-Number	Ag_ppm	Pb_ppm	Zn_ppm	Cu_ppm	As_ppm	Fe(%)	S(%)	SG	Zn (%)
RM-13-02	E5395154	109.03	110.03	1.00		Character Sample - bleached healed fault zone in Hornblende-Plagioclase porphyry, 2% pyrite, trace galena.	0.018					1.1	380	576	98.9	121	6.27	2.26	2.82	
RM-13-02	E5395155	0.00	0.00	0.00	#REF!	BLANK Quartz Monzonite of the Coast Plutonic Complex collected from Bitter Creek bridge construction quarry	0.001		Blank			<0.2	10	28.4	5	2	0.88	0.022	2.59	
RM-13-02	E5395156	110.03	111.03	1.00	not consecutive	Character sample continued - 2% pyrite	0.02					0.9	40.7	82.1	109	237	5.24	2.9	2.76	
RM-13-02	E5395157	111.03	112.03	1.00	consecutive	Character sample continued - 2% pyrite	0.057					1.9	36.3	42.5	80.4	251	5.89	2.88	2.94	
RM-13-02	E5395158	135.00	136.00	1.00	not consecutive	Wing Sample - silica-sericite-chlorite altered Hornblende-Plagioclase Porphyry, 3% pyrrhotite.	0.776					<0.2	38.7	32.2	163	7	7.68	4.83	2.8	
RM-13-02	E5395159	136.00	137.00	1.00	consecutive	Silica-sericite altered Hornblende-Plagioclase Porphyry, 2% pyrrhotite, 1% pyrite	0.23					<0.2	32.2	33.6	188	207	7.02	4.12	2.79	
RM-13-02	E5395160	137.00	138.00	1.00	consecutive	Silica-sericite altered Hornblende-Plagioclase Porphyry, 1% pyrrhotite, 1% pyrite	0.495			Double Split		<0.2	28	19.2	110	7	4.83	2.91	2.76	
RM-13-02	E5395161	138.00	139.00	1.00	consecutive	Silica-sericite altered Hornblende-Plagioclase Porphyry, 1% pyrrhotite, 1% pyrite	0.31					0.3	31	44.4	166	7	6.74	3.73	2.83	
RM-13-02	E5395162	139.00	140.00	1.00	consecutive	Silica-sericite altered Hornblende-Plagioclase Porphyry, 1% pyrrhotite, trace to 1% pyrite	0.54					0.4	32.6	23.2	184	12	6.76	4.08	2.77	
RM-13-02	E5395163	140.00	140.80	0.80	consecutive	Silica-sericite altered Hornblende-Plagioclase Porphyry, 1% pyrrhotite, 1% pyrite	0.922					1.3	43.7	44.9	151	150	6.43	3.85	2.72	
RM-13-02	E5395164	140.80	142.00	1.20	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 4% pyrrhotite, 2% pyrite, 1% sphalerite	1.31					2.4	47.2	2710	251	469	9.85	7.07	2.98	
RM-13-02	E5395165	142.00	143.00	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 1% pyrrhotite, 2% pyrite, 4% sphalerite	1.24					6.4	43.7	5840	128	531	7.46	7.49	2.96	
RM-13-02	E5395166	143.00	144.00	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 1% pyrrhotite, 3% pyrite, 3% sphalerite	0.709					5.5	53.1	6200	252	499	6.37	6.22	2.86	
RM-13-02	E5395167	144.00	144.95	0.95	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 10% pyrite, 2% pyrrhotite, 1% sphalerite	2.73					14.4	271	1060	261	1150	12.8	>10	2.89	
RM-13-02	E5395168	144.95	145.45	0.50	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 8% pyrite, 2% pyrrhotite	4.93					15.6	113	874	180	972	11.2	>10	2.85	
RM-13-02	E5395169	145.45	145.71	0.26	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 80% pyrite, 1% pyrrhotite, 3% sphalerite	13.2					49.1	689	4540	312	1310	28.3	>10	3.78	
RM-13-02	E5395170	0.00	0.00	0.00	not consecutive	STANDARD PM929	4.73	5.10				71.2	17.7	57.6	136	1250	3.56	0.189	2.73	
RM-13-02	E5395171	145.71	146.88	1.17	not consecutive	Mineralised Hornblende-Plagioclase Porphyry, 6% pyrite, 1% pyrrhotite, 4% sphalerite	1.91					11.1	107	>10000	234	828	10.3	>10	2.93	1.22
RM-13-02	E5395172	146.88	147.88	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, 1% pyrrhotite, 5% sphalerite	0.588					3.1	59.1	7940	259	267	7.51	8.1	2.73	
RM-13-02	E5395173	147.88	148.88	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, 1% pyrrhotite, 3% sphalerite	1.02					8.5	114	1690	279	172	7.79	8.29	2.74	
RM-13-02	E5395174	148.88	149.86	0.98	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, 1% pyrrhotite, 3% sphalerite	0.419					5.4	76.4	6710	219	216	6.96	6.53	2.8	
RM-13-02	E5395175	0.00	0.00	0.00	not consecutive	BLANK Quartz Monzonite of the Coast Plutonic Complex collected from Bitter Creek bridge construction quarry	0.005		Blank			<0.2	10.2	42.6	7.3	2	0.96	0.024	2.6	
RM-13-02	E5395176	149.88	150.88	1.00	not consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, trace pyrrhotite, 3% sphalerite	0.152					1.8	62.3	4140	150	159	6.61	6.02	2.78	
RM-13-02	E5395177	150.88	151.88	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 1% pyrite, 1% pyrrhotite, 3% sphalerite	0.581					6.7	90.3	8780	250	69	7.47	5.74	2.68	
RM-13-02	E5395178	151.88	152.88	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, 1% pyrrhotite, 4% sphalerite	0.671					9.1	92.9	>10000	228	187	8.59	7.17	2.69	1.04
RM-13-02	E5395179	152.88	154.00	1.12	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 1% pyrite, trace pyrrhotite, 2% sphalerite	1.39					14.1	144	7440	165	362	9.59	9.51	2.86	
RM-13-02	E5395180	154.00	154.55	0.55	consecutive	Mineralised Hornblende-Plagioclase Porphyry, 2% pyrite, trace pyrrhotite, 3% sphalerite	4.74			Double Split		18.5	93.8	6510	127	173	6.45	6.63	2.89	

HoleID	SampleID	From	To	Length	Consecutive	Description	Au_ppm	Standard_ppm	Blank	Double Split	Batch-Number	Ag_ppm	Pb_ppm	Zn_ppm	Cu_ppm	As_ppm	Fe(%)	S(%)	SG	Zn (%)
RM-13-03	E5395181	143.00	144.00	1.00		Wing Sample - sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% pyrrhotite, 1% pyrite	0.165					0.4	39.4	61.9	268	13	9.45	5.55	2.77	
RM-13-03	E5395182	144.00	145.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% pyrrhotite, 2% pyrite	0.524					3.7	57.7	191	219	219	8.27	7.33	2.69	
RM-13-03	E5395183	145.00	146.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite, trace pyrrhotite	0.481					4.9	50.3	1010	260	134	5.94	6.62	2.66	
RM-13-03	E5395184	146.00	147.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 1% sphalerite, 3% pyrite	1.27					6.1	24.3	690	81.1	131	2.53	3.6	2.87	
RM-13-03	E5395185	147.00	148.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 3% pyrite	0.483					7	45.2	2410	231	275	6.19	6.54	2.88	
RM-13-03	E5395186	148.00	149.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 4% pyrite	1.02					8.3	111	932	259	437	7.16	7.75	2.86	
RM-13-03	E5395187	149.00	150.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 5% sphalerite, 2% pyrite	28.4					78	360	9910	220	422	7.98	8.86	2.87	
RM-13-03	E5395188	150.00	151.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 1% sphalerite, 1% pyrite	0.697					6.4	186	4980	122	169	5.37	5.26	2.84	
RM-13-03	E5395189	151.00	152.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 4% sphalerite, 3% pyrite	0.303					3.1	92.1	>10000	151	286	7.1	7.06	2.81	1.72
RM-13-03	E5395190	0.00	0.00	0.00	not consecutive	STANDARD BL118	0.003	0.005				<0.2	8.5	87.3	28.7	1	4.2	0.011	2.67	
RM-13-03	E5395191	152.00	153.00	1.00	not consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 1% pyrite	0.186					2.6	76.2	2540	110	320	5.85	4.93	2.73	
RM-13-03	E5395192	153.00	154.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite	0.369					5.8	74.8	3700	164	243	7.29	5.62	2.76	
RM-13-03	E5395193	154.00	155.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 1% pyrite, 1% pyrrhotite	0.178					3.1	41.7	3620	113	343	6.16	4.63	2.82	
RM-13-03	E5395194	155.00	156.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 1% pyrite, 2% pyrrhotite	0.403					5.9	67.9	5550	127	152	6.51	4.67	2.77	
RM-13-03	E5395195	0.00	0.00	0.00	not consecutive	BLANK Quartz Monzonite of the Coast Plutonic Complex collected from Bitter Creek bridge construction quarry	0.004		Blank			<0.2	8.5	58.8	3.3	2	0.88	0.033	2.48	
RM-13-03	E5395196	156.00	157.00	1.00	not consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite, 1% pyrrhotite	0.269					3.4	52.2	4540	118	151	5.93	4.15	2.76	
RM-13-03	E5395197	157.00	158.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite, 2% pyrrhotite	0.568					5.6	91.2	7180	190	214	6.92	5.5	2.81	
RM-13-03	E5395198	158.00	159.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 4% sphalerite, 2% pyrite, trace pyrrhotite	1.32					9	122	>10000	193	364	6.83	5.8	2.88	1.09
RM-13-03	E5395199	159.00	160.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite	2.29					12.2	108	4220	202	302	7.01	4.92	2.81	
RM-13-03	E5395200	160.00	161.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite	1.81			Double Split		8.8	57.7	5210	204	173	7.42	6.69	2.71	
RM-13-03	E5395201	161.00	162.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 3% sphalerite, 3% pyrite	2.3					14.3	58.5	5660	178	220	7.22	6.9	2.8	
RM-13-03	E5395202	162.00	163.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 2% sphalerite, 2% pyrite	1.9					10.8	72.5	3900	197	168	6.52	5.89	2.82	
RM-13-03	E5395203	163.00	164.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 1% sphalerite, 3% pyrite	1.14					4.8	49.7	893	146	170	5.36	5.47	2.91	
RM-13-03	E5395204	164.00	165.00	1.00	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 1% sphalerite, 2% pyrite	0.647					2.6	26	452	196	214	6.17	5.97	2.84	
RM-13-03	E5395205	165.00	166.11	1.11	consecutive	Sericite-chlorite-silica altered Hornblende-Plagioclase Porphyry 4% pyrite	0.671					3.8	33	442	214	287	7.23	7.47	2.73	
RM-13-03	E5395206	166.11	166.83	0.72	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 4% pyrite	5.19					33.9	77.3	336	65.7	327	6.6	7.93	2.75	
RM-13-03	E5395207	166.83	167.45	0.62	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 5% pyrite	44.2					31.2	278	657	504	851	9.68	>10	2.94	
RM-13-03	E5395208	167.45	168.31	0.86	consecutive	Massive pyrite in quartz stockwork vein, 70% pyrite	56.6					32.3	100	390	1560	1700	34.2	>10	4.43	
RM-13-03	E5395209	168.31	169.30	0.99	consecutive	Semi-massive pyrite in quartz stockwork veining, 10% pyrite	43.3					25.8	112	75.5	69.3	590	12.8	>10	3.1	
RM-13-03	E5395210	0.00	0.00	0.00	not consecutive	STANDARD PM929	4.59	5.10				72.2	19.3	57.5	135	1300	3.54	0.184	2.6	
RM-13-03	E5395211	169.30	170.30	1.00	not consecutive	BLANK Quartz Monzonite of the Coast Plutonic Complex collected from Bitter Creek bridge construction quarry	0.009					38	47.3	189	116	334	10.1	>10	2.89	
RM-13-03	E5395212	170.30	171.18	0.88	consecutive	Semi-massive pyrite in quartz stockwork veining, 5% pyrite	30					92	120	203	62.4	419	9.32	>10	2.95	
RM-13-03	E5395213	171.18	171.93	0.75	consecutive	Massive pyrite in quartz stockwork vein, 50% pyrite	38					50.8	136	172	364	881	29.7	>10	3.75	
RM-13-03	E5395214	171.93	173.26	1.33	consecutive	Pyrite in stockworks and disseminated, 3% pyrite	20.9					33.3	251	198	907	289	6.52	7.64	2.76	
RM-13-03	E5395215	0.00	0.00	0.00	not consecutive	BLANK Quartz Monzonite of the Coast Plutonic Complex collected from Bitter Creek bridge construction quarry	0.009		Blank			<0.2	9.1	26.6	8.2	1	0.77	0.032	2.54	
RM-13-03	E5395216	173.26	174.00	0.74	not consecutive	Semi-massive pyrite in quartz stockwork veining, 8% pyrite	25.7					11.7	426	600	606	663	14.4	>10	3.22	
RM-13-03	E5395217	174.00	175.00	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 4% pyrite, trace sphalerite	0.786					57.1	153	720	94.1	246	5.1	5.43	2.84	
RM-13-03	E5395218	175.00	176.00	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 3% pyrite, trace sphalerite	0.431					7.7	208	1180	202	170	5.27	4.53	2.71	
RM-13-03	E5395219	176.00	177.00	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 3% pyrite, 2% sphalerite	0.868					14	260	2510	257	169	5.85	4.88	2.71	
RM-13-03	E5395220	177.00	178.05	1.05	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 2% pyrite	1.16			Double Split		16	336	904	294	170	5.55	4.35	2.81	
RM-13-03	E5395221	178.05	179.00	0.95	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 5% pyrite, 1% pyrrhotite, trace sphalerite	1.44					21.5	173	727	209	474	6.96	7.12	2.95	
RM-13-03	E5395222	179.00	180.05	1.05	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 10% pyrite, 1% pyrrhotite	21.3					85.4	113	123	688	698	9.83	>10	2.98	
RM-13-03	E5395223	180.05	181.00	0.95	consecutive	Mineralised Hornblende-Plagioclase Porphyry with pyrite in quartz-chlorite stockwork veining, 2% pyrite, 1% pyrrhotite	5.98					37.1	57.2	158	286	298	5.46	6.15	2.79	
RM-13-03	E5395224	181.00	181.87	0.87	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 3% pyrite, 2% pyrrhotite, 2% sphalerite	3.74					32.6	262	2380	208	445	5.55	5.79	2.75	
RM-13-03	E5395225	181.87	182.87	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 3% pyrite, 1% pyrrhotite, 2% sphalerite	2.7					23.7	129	3220	196	273	5.97	6.49	2.83	
RM-13-03	E5395226	182.87	183.87	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 3% pyrite, 1% pyrrhotite, 3% sphalerite	0.548					5.7	35.9	3810	248	208	6.09	5.82	2.91	
RM-13-03	E5395227	183.87	184.50	0.63	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 1% pyrite, 1% pyrrhotite	0.401					4.5	35.7	1400	283	136	6.4	5.67	2.84	
RM-13-03	E5395228	184.50	186.00	1.50	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 2% pyrite, 1% pyrrhotite (sampled over 'cave in' from 185.11-185.90 m when material from above fell in hole when drillers pulled rods and re-reamed hole)	0.831					6.9	51.4	1320	422	175	7.94	7.3	2.76	
RM-13-03	E5395229	186.00	186.86	0.86	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 4% pyrite, 3% sphalerite	5.11					30.7	124	>10000	780	518	8.9	>10	2.85	1.79
RM-13-03	E5395230	0.00	0.00	0.00	not consecutive	STANDARD MM51	1.64	1.77				0.3	20.9	62.5	153	2240	3.59	0.561	2.95	
RM-13-03	E5395231	186.86	187.86	1.00	not consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 2% pyrite, 1% sphalerite	1.03					3.5	31.5	1530	240	140	5.34	5.46	2.94	
RM-13-03	E5395232	187.86	188.86	1.00	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 3% pyrite, 1% sphalerite	0.151					0.9	27.1	186	297	122	5.49	4.5	2.8	
RM-13-03	E5395233	188.86	189.66	0.80	consecutive	Mineralised Hornblende-Plagioclase Porphyry, brecciated in places with mineralisation in stockwork veining, disseminated and in matrix, 4% pyrite	0.476					1.6	30.1	193	190	167	5.94	6.45	2.8	
RM-1																				

12.0 APPENDIX D – ASSAY CERTIFICATES



CLIENT NAME: BANKS ISLAND GOLD LTD.
880-580 HORNBY STREET
VANCOUVER, BC V6C3B6
(604) 245-0066

ATTENTION TO: DIRK MECKERT

PROJECT NO:

AGAT WORK ORDER: 13D747619

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Aug 26, 2013

PAGES (INCLUDING COVER): 45

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5395060 (4652106)	<0.2	1.43	117	172	96	<0.5	<1	0.83	<0.5	6	14.1	17.7	90.0	5.68
E5395061 (4652107)	<0.2	1.49	107	93	77	<0.5	<1	0.67	<0.5	6	15.7	10.8	94.8	6.27
E5395062 (4652108)	<0.2	1.79	69	92	124	<0.5	<1	0.66	<0.5	8	12.4	12.3	78.7	5.20
E5395063 (4652109)	<0.2	2.12	13	♂	88	<0.5	<1	1.34	<0.5	10	21.8	15.5	189	7.62
E5395064 (4652110)	<0.2	1.35	12	♂	35	<0.5	<1	0.83	<0.5	3	20.3	11.8	150	6.27
E5395065 (4652111)	1.2	1.62	134	♂	38	<0.5	11	1.98	<0.5	6	24.6	8.8	178	7.67
E5395066 (4652112)	0.4	2.16	28	♂	65	0.6	7	2.31	<0.5	12	21.5	14.2	174	7.04
E5395067 (4652113)	<0.2	2.22	9	♂	70	<0.5	<1	1.30	<0.5	9	21.8	16.4	212	7.94
E5395068 (4652114)	0.4	1.27	4	♂	43	<0.5	6	0.89	<0.5	3	18.2	11.7	181	5.88
E5395069 (4652115)	0.2	2.32	7	♂	78	<0.5	<1	1.57	<0.5	6	23.9	16.2	262	8.82
E5395070 (4652116)	<0.2	1.72	3	♂	424	<0.5	<1	0.76	<0.5	28	6.2	14.4	30.6	4.67
E5395071 (4652117)	<0.2	2.06	4	♂	77	<0.5	<1	1.07	<0.5	5	19.3	18.8	188	7.03
E5395072 (4652118)	<0.2	1.86	5	♂	64	<0.5	<1	1.50	<0.5	4	18.4	13.7	191	6.82
E5395073 (4652119)	0.8	1.87	25	♂	39	<0.5	<1	0.82	<0.5	4	37.2	16.8	297	10.3
E5395074 (4652120)	0.2	1.21	9	♂	50	<0.5	<1	0.51	<0.5	3	13.9	8.5	110	4.78
E5395075 (4652121)	<0.2	0.58	2	♂	88	0.9	<1	0.20	<0.5	28	1.9	46.5	7.4	1.18
E5395076 (4652122)	2.6	1.80	387	♂	99	<0.5	1	1.38	<0.5	5	27.3	14.2	174	7.43
E5395077 (4652123)	1.0	1.88	439	♂	45	<0.5	<1	0.82	<0.5	5	25.9	16.7	152	7.67
E5395078 (4652124)	0.5	1.96	292	♂	59	<0.5	<1	0.88	<0.5	6	20.8	13.0	175	9.23
E5395079 (4652125)	1.1	2.16	37	♂	56	<0.5	<1	0.87	<0.5	5	13.6	18.0	156	8.72
E5395080 (4652126)	0.4	2.28	38	♂	116	0.5	<1	1.05	<0.5	8	13.8	18.5	149	8.31
E5395081 (4652127)	0.7	2.16	39	♂	81	<0.5	<1	1.22	<0.5	8	13.9	13.8	137	8.82
E5395082 (4652128)	1.0	1.98	265	♂	100	<0.5	2	1.71	<0.5	11	20.1	14.9	157	9.26
E5395083 (4652129)	0.8	2.33	256	♂	93	<0.5	<1	1.37	<0.5	11	18.9	14.3	120	8.37
E5395084 (4652130)	1.1	2.63	431	♂	71	<0.5	<1	1.64	<0.5	10	16.8	19.0	191	9.11
E5395085 (4652131)	2.2	2.02	684	♂	66	<0.5	<1	1.15	<0.5	9	21.9	11.0	269	10.9
E5395086 (4652132)	3.1	1.52	413	♂	37	<0.5	<1	1.11	<0.5	15	15.6	6.7	192	8.34
E5395087 (4652133)	11.6	1.20	387	♂	29	<0.5	3	0.80	11.0	13	20.1	10.3	115	7.67
E5395088 (4652134)	9.2	1.39	383	♂	35	<0.5	2	1.05	16.4	18	22.5	5.3	116	8.11
E5395089 (4652135)	7.5	1.35	436	6	33	<0.5	<1	0.65	<0.5	19	19.7	11.3	147	7.87
E5395090 (4652136)	74.4	1.76	1300	♂	235	<0.5	<1	2.07	<0.5	20	12.1	56.1	143	3.99
E5395091 (4652137)	27.3	1.31	442	♂	37	<0.5	<1	0.64	1.6	15	14.5	4.7	154	7.50

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5395092 (4652138)	83.6	0.91	797	<5	40	<0.5	4	0.67	5.3	15	17.0	12.4	195	8.32
E5395093 (4652140)	77.8	0.68	536	<5	17	<0.5	6	0.49	4.1	15	15.8	2.1	131	8.31
E5395094 (4652141)	47.1	0.58	621	<5	20	<0.5	4	0.46	4.2	14	17.6	12.2	79.5	8.46
E5395095 (4652142)	0.4	0.47	8	<5	38	1.2	<1	0.19	<0.5	32	1.4	6.7	4.7	1.02
E5395096 (4652143)	>100	0.75	673	<5	21	<0.5	11	0.48	2.5	16	17.9	14.3	640	11.2
E5395097 (4652144)	>100	0.83	386	5	30	<0.5	5	0.52	2.2	18	18.1	2.7	135	8.79
E5395098 (4652145)	84.3	0.20	1290	6	<1	<0.5	34	0.14	<0.5	1	24.3	15.4	305	34.3
E5395099 (4652146)	56.5	0.53	727	<5	16	<0.5	10	0.52	<0.5	5	18.2	3.8	136	14.5
E5395100 (4652147)	9.5	1.13	293	6	11	<0.5	6	0.48	<0.5	10	14.7	3.6	203	9.03
E5395101 (4652148)	35.4	0.53	320	<5	14	<0.5	9	0.48	<0.5	12	13.1	17.7	81.5	9.90
E5395102 (4652149)	12.3	0.70	414	<5	13	<0.5	10	0.49	<0.5	15	14.8	3.2	51.8	12.2
E5395103 (4652150)	28.2	0.60	300	<5	14	<0.5	8	0.43	<0.5	6	12.4	19.5	97.5	8.39
E5395104 (4652151)	34.2	0.48	370	<5	5	<0.5	10	1.68	<0.5	5	10.2	2.8	65.1	11.6
E5395105 (4652152)	32.1	0.29	797	<5	<1	<0.5	23	0.45	14.1	1	8.1	20.8	801	28.2
E5395106 (4652153)	19.0	0.52	384	<5	16	<0.5	9	0.46	<0.5	7	9.3	3.6	97.2	10.3
E5395107 (4652154)	24.7	0.60	607	<5	8	<0.5	13	0.63	<0.5	9	15.4	19.9	228	15.6
E5395108 (4652155)	11.1	0.64	587	6	13	<0.5	10	0.42	<0.5	10	13.4	3.9	184	14.3
E5395109 (4652156)	19.5	0.56	364	<5	12	<0.5	8	0.42	<0.5	7	10.8	15.4	386	8.12
E5395110 (4652157)	72.8	1.75	1290	<5	231	<0.5	<1	2.04	<0.5	20	11.8	56.3	141	3.89
E5395111 (4652158)	35.1	1.62	443	16	22	0.5	<1	0.55	131	15	16.6	4.8	622	8.77
E5395112 (4652159)	27.5	1.21	328	10	32	<0.5	<1	0.53	48.0	14	17.1	17.8	341	6.40
E5395113 (4652160)	42.3	1.12	300	8	13	<0.5	3	0.56	20.8	14	16.9	3.4	356	6.48
E5395114 (4652161)	49.5	0.96	360	7	18	<0.5	22	0.57	4.7	10	14.6	19.9	1160	7.44
E5395115 (4652162)	<0.2	0.45	3	<5	114	1.3	<1	0.14	<0.5	30	1.3	55.3	5.3	1.05
E5395116 (4652163)	37.4	1.33	404	18	18	<0.5	9	0.55	17.4	13	17.1	5.6	569	8.97
E5395117 (4652164)	20.9	1.67	379	21	36	<0.5	2	0.65	54.5	16	18.4	6.2	327	7.66
E5395118 (4652165)	4.1	1.79	105	21	52	0.6	<1	0.63	19.6	14	17.5	20.4	177	6.52
E5395119 (4652166)	6.2	1.69	133	20	24	<0.5	<1	0.54	31.5	15	17.8	7.8	152	5.86
E5395120 (4652167)	24.3	1.98	193	191	29	<0.5	<1	0.79	214	12	21.7	7.5	221	7.39
E5395121 (4652168)	5.6	1.73	111	43	27	<0.5	<1	0.56	16.9	16	19.2	19.3	117	6.43
E5395122 (4652169)	1.7	1.93	128	36	23	<0.5	<1	0.50	<0.5	12	18.0	10.3	144	5.52
E5395123 (4652170)	1.6	2.46	109	56	47	<0.5	<1	0.60	<0.5	17	19.6	21.1	216	7.00

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013					DATE REPORTED: Aug 26, 2013					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5395124 (4652171)	1.6	1.83	69	64	26	<0.5	<1	0.47	18.6	13	14.0	8.4	155	5.10	
E5395125 (4652172)	4.4	2.23	94	108	26	<0.5	<1	0.60	64.5	14	18.0	21.1	160	6.36	
E5395126 (4652173)	2.1	2.31	101	78	47	<0.5	<1	0.65	22.7	18	17.4	12.2	154	6.17	
E5395127 (4652174)	0.9	0.65	25	21	12	<0.5	<1	0.21	0.7	5	6.5	7.2	72.7	2.06	
E5395128 (4652175)	2.0	2.14	93	85	50	<0.5	<1	0.59	<0.5	13	16.5	11.8	183	6.31	
E5395129 (4652176)	0.9	1.41	53	97	30	<0.5	<1	0.39	<0.5	7	10.9	16.7	153	5.02	
E5395130 (4652177)	0.2	1.71	2310	80	38	<0.5	39	7.20	<0.5	21	76.7	32.6	163	3.99	
E5395131 (4652178)	0.6	2.10	106	104	57	<0.5	<1	0.61	<0.5	13	16.4	12.5	170	5.99	
E5395132 (4652179)	0.7	2.07	123	66	40	<0.5	<1	0.61	<0.5	15	20.4	26.0	220	6.43	
E5395133 (4652180)	2.2	2.28	316	78	60	<0.5	<1	0.71	46.0	21	17.6	10.3	283	6.06	
E5395134 (4652181)	2.9	0.16	73	12	3	<0.5	<1	0.09	32.2	1	3.6	1.9	63.3	0.98	
E5395135 (4652182)	<0.2	0.46	6	<5	54	1.1	<1	0.17	<0.5	29	1.3	5.4	7.8	0.95	
E5395136 (4652183)	1.3	2.38	129	54	90	<0.5	<1	0.65	0.6	13	18.8	24.4	394	6.35	
E5395137 (4652184)	24.7	1.08	248	29	15	<0.5	<1	0.49	13.8	10	18.1	3.8	2490	8.00	
E5395138 (4652185)	32.5	1.22	273	38	16	<0.5	<1	0.61	44.0	14	19.7	18.5	3170	7.75	
E5395139 (4652186)	14.3	1.29	579	26	20	<0.5	5	0.56	0.8	12	20.8	4.6	1540	7.14	
E5395140 (4652187)	5.0	1.90	559	30	19	<0.5	<1	0.60	0.8	12	21.9	30.5	449	6.02	
E5395141 (4652188)	3.2	1.80	396	26	49	<0.5	<1	0.66	1.5	14	18.3	22.0	313	6.13	
E5395142 (4652189)	4.2	1.70	473	45	44	<0.5	<1	0.63	23.1	15	19.8	8.8	330	5.74	
E5395143 (4652190)	8.4	1.73	609	123	36	<0.5	<1	0.68	136	15	23.8	25.9	419	8.19	
E5395144 (4652191)	1.5	1.81	357	34	63	<0.5	<1	0.59	1.4	13	18.2	11.4	211	6.10	
E5395145 (4652192)	0.6	1.98	429	60	64	<0.5	<1	0.75	<0.5	14	14.2	21.8	223	6.66	
E5395146 (4652193)	0.3	2.08	373	53	63	<0.5	<1	0.73	<0.5	10	18.8	11.3	250	9.99	
E5395147 (4652194)	<0.2	1.53	34	8	45	<0.5	<1	0.55	<0.5	2	24.0	94.8	128	5.12	
E5395148 (4652195)	<0.2	2.42	24	9	65	0.5	<1	0.73	<0.5	3	22.6	139	143	5.82	
E5395149 (4652196)	<0.2	2.28	167	10	61	0.5	<1	1.22	<0.5	3	15.9	98.6	129	5.70	
E5395150 (4652197)	<0.2	1.71	1	<5	380	<0.5	<1	0.76	<0.5	29	5.9	14.1	27.6	4.17	
E5395151 (4652198)	<0.2	2.32	210	5	101	<0.5	<1	1.18	<0.5	4	10.6	5.8	54.1	5.02	
E5395152 (4652199)	<0.2	1.45	94	<5	50	<0.5	1	0.82	<0.5	2	8.9	9.9	25.2	3.49	
E5395153 (4652200)	<0.2	2.28	69	<5	101	<0.5	2	1.96	<0.5	3	13.3	3.8	59.7	4.41	
E5395154 (4652201)	1.1	1.33	121	<5	103	<0.5	3	2.99	7.4	2	14.0	15.7	98.9	6.27	
E5395155 (4652202)	<0.2	0.44	2	<5	52	0.9	<1	0.15	<0.5	28	1.2	5.9	5.0	0.88	

Certified By:



Certificate of Analysis

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

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SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
E5395156 (4652203)	0.9	2.27	237	<5	129	<0.5	2	1.01	<0.5	10	16.4	23.2	109	5.24
E5395157 (4652204)	1.9	1.04	251	5	108	<0.5	3	2.80	<0.5	1	17.4	3.1	80.4	5.89
E5395158 (4652205)	<0.2	1.90	7	12	117	0.6	<1	1.84	<0.5	7	30.8	27.7	163	7.68
E5395159 (4652206)	<0.2	2.15	207	10	123	<0.5	<1	1.47	<0.5	7	20.1	15.5	188	7.02
E5395160 (4652207)	<0.2	1.73	7	<5	87	<0.5	<1	0.71	<0.5	5	12.3	11.6	110	4.83
E5395161 (4652208)	0.3	2.19	7	<5	123	<0.5	<1	0.85	<0.5	6	18.2	27.2	166	6.74
E5395162 (4652209)	0.4	2.20	12	9	138	<0.5	<1	1.36	<0.5	7	16.3	17.1	184	6.76
E5395163 (4652210)	1.3	2.11	150	8	102	0.5	<1	0.95	<0.5	8	14.8	27.7	151	6.43
E5395164 (4652211)	2.4	1.92	469	8	36	<0.5	<1	0.65	16.2	10	19.1	12.1	251	9.85
E5395165 (4652212)	6.4	1.76	531	<5	29	<0.5	<1	0.63	37.3	14	17.6	34.7	128	7.46
E5395166 (4652213)	5.5	1.31	499	<5	28	<0.5	<1	0.49	50.2	12	15.3	5.7	252	6.37
E5395167 (4652214)	14.4	0.72	1150	<5	33	<0.5	21	0.62	6.4	13	30.6	35.7	261	12.8
E5395168 (4652215)	15.6	0.90	972	<5	40	<0.5	9	0.52	5.4	15	33.3	1.5	180	11.2
E5395169 (4652216)	49.1	0.97	1310	19	11	<0.5	49	0.53	33.2	2	40.8	46.4	312	28.3
E5395170 (4652217)	71.2	1.74	1250	<5	219	<0.5	<1	1.94	<0.5	20	11.9	55.4	136	3.56
E5395171 (4652218)	11.1	1.90	828	17	34	<0.5	<1	0.69	117	17	28.1	9.6	234	10.3
E5395172 (4652219)	3.1	1.83	267	12	32	<0.5	<1	0.61	69.8	18	13.8	8.8	259	7.51
E5395173 (4652220)	8.5	1.72	172	10	28	<0.5	2	0.59	15.9	19	16.9	32.9	279	7.79
E5395174 (4652221)	5.4	1.95	216	15	38	<0.5	<1	0.76	68.8	18	18.7	10.0	219	6.96
E5395175 (4652222)	<0.2	0.49	2	<5	56	1.0	<1	0.17	<0.5	31	1.6	71.3	7.3	0.96
E5395176 (4652223)	1.8	2.13	159	8	130	<0.5	<1	0.68	40.4	15	21.2	15.6	150	6.61
E5395177 (4652224)	6.7	2.37	69	24	52	<0.5	<1	0.81	90.2	14	8.4	26.0	250	7.47
E5395178 (4652225)	9.1	2.23	187	32	48	<0.5	<1	0.79	108	17	17.2	12.4	228	8.59
E5395179 (4652226)	14.1	2.12	362	27	36	<0.5	<1	0.81	80.8	17	25.8	10.5	165	9.59
E5395180 (4652227)	18.5	1.68	173	10	24	<0.5	<1	0.52	76.1	16	15.3	27.8	127	6.45
E5395181 (4652228)	0.4	2.17	13	6	161	<0.5	<1	1.25	<0.5	4	20.7	13.6	268	9.45
E5395182 (4652229)	3.7	1.71	219	8	52	0.5	<1	1.01	<0.5	14	20.4	28.5	219	8.27
E5395183 (4652230)	4.9	1.22	134	6	50	<0.5	<1	0.77	8.6	13	15.6	7.5	260	5.94
E5395184 (4652231)	6.1	0.39	131	<5	15	<0.5	<1	0.23	8.5	6	7.7	10.0	81.1	2.53
E5395185 (4652233)	7.0	0.91	275	<5	32	<0.5	2	0.59	29.4	17	15.9	3.4	231	6.19
E5395186 (4652234)	8.3	0.87	437	<5	31	<0.5	3	0.64	10.0	18	20.6	21.6	259	7.16
E5395187 (4652235)	78.0	1.39	422	5	34	<0.5	13	0.77	99.6	16	19.5	6.3	220	7.98

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013					DATE REPORTED: Aug 26, 2013					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
E5395188 (4652236)	6.4	1.53	169	11	48	<0.5	2	1.45	49.7	12	14.3	20.5	122	5.37	
E5395189 (4652237)	3.1	1.88	286	8	77	<0.5	<1	1.13	155	18	21.0	10.8	151	7.10	
E5395190 (4652238)	<0.2	1.61	1	<5	383	<0.5	<1	0.66	<0.5	23	6.2	14.1	28.7	4.20	
E5395191 (4652240)	2.6	1.95	320	8	81	<0.5	<1	1.00	21.9	19	18.7	21.8	110	5.85	
E5395192 (4652241)	5.8	2.09	243	10	98	<0.5	<1	0.93	33.3	18	15.7	13.0	164	7.29	
E5395193 (4652242)	3.1	2.00	343	7	69	<0.5	<1	0.58	32.0	16	19.5	24.9	113	6.16	
E5395194 (4652243)	5.9	1.84	152	9	90	<0.5	<1	0.67	50.0	12	14.4	11.8	127	6.51	
E5395195 (4652244)	<0.2	0.42	2	<5	66	0.7	<1	0.16	<0.5	26	1.3	58.7	3.3	0.88	
E5395196 (4652246)	3.4	2.03	151	6	118	<0.5	<1	0.56	41.0	17	15.0	12.6	118	5.93	
E5395197 (4652247)	5.6	2.01	214	9	81	<0.5	<1	0.57	66.1	13	15.6	24.4	190	6.92	
E5395198 (4652248)	9.0	1.64	364	13	49	<0.5	<1	0.63	103	12	17.9	10.9	193	6.83	
E5395199 (4652249)	12.2	1.79	302	15	104	<0.5	<1	0.57	39.1	13	14.4	23.5	202	7.01	
E5395200 (4652250)	8.8	1.49	173	8	60	<0.5	<1	0.55	51.4	10	18.6	10.1	204	7.42	
E5395201 (4652251)	14.3	1.31	220	7	51	<0.5	<1	0.67	57.5	14	18.5	19.7	178	7.22	
E5395202 (4652252)	10.8	1.71	168	10	58	<0.5	<1	0.56	39.5	14	14.0	9.3	197	6.52	
E5395203 (4652254)	4.8	1.36	170	7	58	<0.5	<1	0.57	9.0	12	12.8	18.7	146	5.36	
E5395204 (4652255)	2.6	1.49	214	12	130	<0.5	1	0.54	3.9	21	15.7	7.9	196	6.17	
E5395205 (4652256)	3.8	1.67	287	12	65	<0.5	3	0.72	3.7	18	20.4	22.8	214	7.23	
E5395206 (4652257)	33.9	0.50	327	7	24	<0.5	5	3.78	3.9	12	16.5	1.3	65.7	6.60	
E5395207 (4652258)	31.2	0.43	851	<5	26	<0.5	12	0.39	8.4	11	20.2	27.2	504	9.68	
E5395208 (4652259)	32.3	0.17	1700	23	7	<0.5	26	0.11	<0.5	1	30.6	1.0	1560	34.2	
E5395209 (4652260)	25.8	0.41	590	<5	21	<0.5	11	0.30	<0.5	5	17.0	29.2	69.3	12.8	
E5395210 (4652262)	72.2	1.59	1300	<5	205	<0.5	<1	1.86	<0.5	19	12.4	54.1	135	3.54	
E5395211 (4652263)	38.0	0.43	334	<5	31	<0.5	6	0.29	<0.5	11	14.1	1.9	116	10.1	
E5395212 (4652264)	92.0	0.54	419	6	37	<0.5	7	0.42	<0.5	11	18.9	1.7	62.4	9.32	
E5395213 (4652265)	50.8	0.16	881	10	6	<0.5	22	0.10	<0.5	2	16.0	<0.5	364	29.7	
E5395214 (4652266)	33.3	0.38	289	<5	28	<0.5	8	0.49	1.4	7	15.3	1.3	907	6.52	
E5395215 (4652268)	<0.2	0.33	1	<5	47	0.7	<1	0.24	<0.5	27	1.0	6.1	8.2	0.77	
E5395216 (4652269)	57.7	0.34	663	<5	19	<0.5	17	0.46	4.9	6	22.5	2.3	606	14.4	
E5395217 (4652270)	11.1	0.87	246	12	103	<0.5	<1	0.62	9.6	12	17.1	3.1	94.1	5.10	
E5395218 (4652271)	7.7	1.54	170	14	160	<0.5	1	0.73	15.5	15	18.2	6.2	202	5.27	
E5395219 (4652272)	14.0	1.30	169	16	99	<0.5	<1	0.66	32.8	14	18.3	5.1	257	5.85	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm 0.2	Al % 0.01	As ppm 1	B ppm 5	Ba ppm 1	Be ppm 0.5	Bi ppm 1	Ca % 0.01	Cd ppm 0.5	Ce ppm 1	Co ppm 0.5	Cr ppm 0.5	Cu ppm 0.5	Fe % 0.01
E5395220 (4652273)		16.0	1.20	170	16	79	<0.5	<1	0.60	11.9	13	16.1	4.7	294	5.55
E5395221 (4652275)		21.5	0.76	474	19	51	<0.5	2	0.55	9.1	10	23.1	2.2	209	6.96
E5395222 (4652276)		85.4	0.57	698	11	43	<0.5	23	0.49	<0.5	6	26.2	2.6	688	9.83
E5395223 (4652277)		37.1	0.58	298	11	40	<0.5	8	0.46	0.8	9	11.9	2.9	286	5.46
E5395224 (4652278)		32.6	0.99	445	26	55	<0.5	8	0.57	33.5	16	17.9	2.7	208	5.55
E5395225 (4652279)		23.7	0.76	273	38	43	<0.5	4	0.58	42.7	10	15.0	2.3	196	5.97
E5395226 (4652280)		5.7	1.14	208	21	56	<0.5	<1	0.61	47.2	15	17.6	4.0	248	6.09
E5395227 (4652282)		4.5	1.71	136	39	65	<0.5	<1	0.63	16.1	18	21.2	7.8	283	6.40
E5395228 (4652283)		6.9	1.86	175	52	59	<0.5	<1	0.77	13.8	14	19.1	9.1	422	7.94
E5395229 (4652284)		30.7	1.10	518	28	51	<0.5	13	0.75	194	11	16.5	3.2	780	8.90
E5395230 (4652285)		0.3	1.53	2240	68	37	<0.5	39	6.54	<0.5	19	71.0	30.8	153	3.59
E5395231 (4652286)		3.5	1.68	140	23	52	<0.5	<1	0.64	15.3	14	17.9	6.6	240	5.34
E5395232 (4652287)		0.9	2.11	122	37	70	0.5	<1	0.72	0.6	15	16.9	10.2	297	5.49
E5395233 (4652289)		1.6	1.57	167	20	50	0.5	<1	0.57	0.7	11	17.6	8.7	190	5.94
E5395234 (4652290)		0.3	2.46	208	22	94	0.7	<1	0.87	2.2	15	15.2	12.3	248	5.78
E5395235 (4652291)		<0.2	0.39	<1	<5	48	0.9	<1	0.12	<0.5	27	1.0	5.3	1.9	0.75
E5395236 (4652292)		0.8	2.31	162	21	75	0.6	<1	0.79	0.7	13	19.2	18.2	207	5.77
E5395237 (4652293)		0.5	1.88	114	20	59	<0.5	<1	0.71	<0.5	13	12.0	10.5	153	4.64
E5395238 (4652294)		0.6	2.03	111	26	70	<0.5	<1	0.87	<0.5	17	13.2	17.7	215	5.31
E5395239 (4652295)		0.5	1.42	670	17	48	<0.5	<1	0.65	<0.5	8	26.1	6.4	314	7.00
E5395240 (4652297)		0.5	1.75	325	19	76	<0.5	<1	1.21	<0.5	14	18.2	11.7	264	6.69
E5395241 (4652298)		0.6	1.87	99	23	55	<0.5	1	1.03	0.8	18	18.7	14.5	218	7.06
E5395242 (4652299)		0.2	2.15	57	21	85	<0.5	<1	1.07	4.3	16	16.1	15.9	197	6.74
E5395243 (4652300)		<0.2	2.29	20	16	94	<0.5	<1	0.76	1.7	14	12.0	19.0	172	5.66
E5395244 (4652301)		0.3	2.37	90	17	82	<0.5	<1	0.92	1.7	16	13.5	14.5	136	6.21
E5395245 (4652302)		<0.2	2.60	112	14	120	<0.5	1	1.05	<0.5	15	12.6	15.7	96.0	4.53
E5395246 (4652304)		0.3	2.26	277	16	58	<0.5	3	0.92	<0.5	11	23.4	16.0	159	7.60
E5395247 (4652305)		0.4	0.60	103	<5	30	<0.5	1	0.56	<0.5	4	7.0	4.3	48.4	2.45

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Certificate of Analysis

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395060 (4652106)	11	<1	<1	0.32	2	23	1.30	514	2.3	0.07	7.5	1480	39.9	28
E5395061 (4652107)	9	<1	<1	0.21	2	29	1.61	491	3.0	0.04	9.0	1540	55.1	19
E5395062 (4652108)	12	<1	<1	0.16	2	38	2.07	650	1.7	0.05	4.7	1500	27.9	15
E5395063 (4652109)	9	<1	<1	0.19	5	28	2.34	557	1.1	0.04	8.5	1790	25.7	18
E5395064 (4652110)	7	<1	<1	0.15	2	21	1.44	300	0.6	0.02	6.2	1080	22.5	12
E5395065 (4652111)	8	<1	<1	0.32	4	24	1.30	659	1.3	0.02	7.1	1680	92.7	26
E5395066 (4652112)	8	<1	<1	0.50	7	30	1.64	442	1.7	0.02	8.7	1840	50.7	46
E5395067 (4652113)	11	<1	<1	0.27	4	33	2.12	392	1.7	0.04	8.8	1800	34.0	22
E5395068 (4652114)	8	<1	<1	0.20	2	22	1.22	253	1.4	0.02	7.1	1090	25.7	15
E5395069 (4652115)	11	<1	<1	0.22	3	30	1.77	338	2.1	0.04	10.7	1470	31.4	20
E5395070 (4652116)	10	<1	<1	0.92	11	10	0.73	1160	9.2	0.18	11.2	1490	11.4	94
E5395071 (4652117)	10	1	<1	0.18	3	31	2.03	362	1.1	0.03	8.9	1620	25.1	16
E5395072 (4652118)	10	<1	<1	0.16	2	29	1.85	366	1.0	0.03	8.7	1720	24.4	15
E5395073 (4652119)	11	1	<1	0.12	3	33	2.17	433	<0.5	0.03	11.4	1510	42.1	<10
E5395074 (4652120)	7	<1	1	0.13	2	22	1.41	279	0.5	0.02	5.9	1090	18.0	10
E5395075 (4652121)	<5	<1	<1	0.34	13	8	0.14	334	0.7	0.13	1.3	137	10.2	54
E5395076 (4652122)	8	1	<1	0.24	3	29	1.85	397	1.5	0.04	9.2	1640	97.3	21
E5395077 (4652123)	9	2	<1	0.28	3	29	1.89	349	1.1	0.03	9.9	1610	47.8	23
E5395078 (4652124)	11	<1	<1	0.24	4	30	1.91	349	1.2	0.04	10.7	1640	34.5	20
E5395079 (4652125)	12	<1	<1	0.23	3	37	2.32	404	1.1	0.04	10.0	1690	41.5	18
E5395080 (4652126)	12	1	<1	0.29	5	36	2.31	411	0.6	0.04	8.6	1830	28.6	24
E5395081 (4652127)	12	<1	<1	0.30	5	36	2.29	408	1.1	0.04	9.4	1740	35.5	23
E5395082 (4652128)	10	1	<1	0.43	7	31	1.82	366	1.0	0.03	9.1	1760	38.3	34
E5395083 (4652129)	11	2	<1	0.41	6	37	2.38	421	3.1	0.04	10.1	1880	35.1	33
E5395084 (4652130)	15	<1	<1	0.28	6	43	2.53	472	2.4	0.04	10.1	2000	41.1	25
E5395085 (4652131)	12	2	<1	0.33	6	31	1.86	351	1.9	0.03	9.9	1620	41.1	26
E5395086 (4652132)	10	<1	<1	0.42	8	19	1.12	306	1.0	0.02	9.6	1730	41.2	30
E5395087 (4652133)	7	<1	<1	0.42	7	15	0.70	250	1.5	0.01	9.6	1680	58.5	28
E5395088 (4652134)	7	<1	<1	0.52	10	14	0.76	356	1.2	0.01	11.0	1790	72.3	37
E5395089 (4652135)	8	<1	<1	0.64	9	10	0.49	231	1.5	0.01	12.0	1950	37.9	43
E5395090 (4652136)	8	<1	<1	0.29	11	8	1.59	672	12.1	0.16	49.3	559	17.7	26
E5395091 (4652137)	8	<1	<1	0.63	7	10	0.48	287	1.4	0.02	10.1	1790	47.3	44

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395092 (4652138)	7	<1	<1	0.54	7	4	0.15	146	1.8	0.01	10.0	1680	152	32
E5395093 (4652140)	5	<1	<1	0.44	8	1	0.05	64	1.4	<0.01	8.1	1520	222	24
E5395094 (4652141)	6	<1	<1	0.39	7	1	0.04	62	1.4	<0.01	10.3	1580	54.0	22
E5395095 (4652142)	<5	<1	<1	0.20	15	5	0.09	297	1.3	0.07	0.6	135	11.0	24
E5395096 (4652143)	7	<1	<1	0.48	8	1	0.04	83	1.0	<0.01	8.7	1570	203	25
E5395097 (4652144)	5	<1	<1	0.53	9	1	0.05	84	1.2	<0.01	11.4	1810	68.8	26
E5395098 (4652145)	20	1	<1	0.13	5	<1	<0.01	211	<0.5	<0.01	<0.5	66	113	<10
E5395099 (4652146)	8	<1	<1	0.34	4	<1	0.03	103	<0.5	<0.01	12.7	1130	77.8	18
E5395100 (4652147)	6	<1	<1	0.67	6	1	0.05	75	1.4	0.01	10.3	1470	29.9	34
E5395101 (4652148)	6	<1	<1	0.35	7	<1	0.02	61	<0.5	<0.01	8.0	1320	49.6	17
E5395102 (4652149)	8	<1	<1	0.43	9	<1	0.03	57	<0.5	<0.01	7.9	1430	30.4	22
E5395103 (4652150)	5	<1	<1	0.38	4	<1	0.03	44	1.2	<0.01	14.3	1250	38.9	18
E5395104 (4652151)	6	<1	<1	0.27	3	<1	0.03	375	6.0	<0.01	7.2	1120	59.5	16
E5395105 (4652152)	19	2	<1	0.17	5	<1	<0.01	265	<0.5	0.01	<0.5	427	77.1	11
E5395106 (4652153)	<5	<1	<1	0.32	5	<1	0.01	47	1.0	<0.01	8.7	1390	42.6	14
E5395107 (4652154)	7	<1	<1	0.34	6	<1	0.02	103	<0.5	<0.01	6.0	1290	64.3	17
E5395108 (4652155)	6	<1	<1	0.38	6	<1	0.02	52	2.5	<0.01	8.6	1310	52.7	17
E5395109 (4652156)	5	<1	<1	0.36	4	1	0.04	88	0.7	<0.01	9.1	1290	96.3	20
E5395110 (4652157)	8	<1	<1	0.29	10	7	1.54	660	12.3	0.16	49.0	570	18.9	26
E5395111 (4652158)	12	<1	<1	0.71	8	14	0.70	386	1.2	0.01	9.3	1580	118	54
E5395112 (4652159)	7	<1	<1	0.48	7	14	0.69	298	2.8	0.01	10.1	1650	135	34
E5395113 (4652160)	7	<1	<1	0.52	7	10	0.51	210	1.4	0.01	10.0	1660	169	36
E5395114 (4652161)	8	<1	<1	0.55	5	6	0.24	145	2.2	0.01	10.0	1780	723	36
E5395115 (4652162)	<5	<1	<1	0.22	14	8	0.09	267	3.9	0.08	2.0	107	11.7	31
E5395116 (4652163)	7	<1	<1	0.61	6	12	0.58	259	1.3	0.01	11.7	1650	352	44
E5395117 (4652164)	9	<1	<1	0.63	8	19	1.04	351	1.1	0.01	12.2	1840	68.2	48
E5395118 (4652165)	7	<1	<1	0.54	7	25	1.42	384	2.5	0.02	10.4	1740	35.1	41
E5395119 (4652166)	9	<1	<1	0.41	8	26	1.57	363	1.7	0.01	10.1	1630	37.9	32
E5395120 (4652167)	11	<1	<1	0.45	6	30	1.73	490	<0.5	0.01	8.4	1460	69.0	35
E5395121 (4652168)	10	<1	<1	0.48	7	24	1.46	239	2.0	0.01	11.3	1660	41.0	37
E5395122 (4652169)	10	1	<1	0.31	6	36	2.21	320	0.8	0.02	8.5	1490	34.5	25
E5395123 (4652170)	11	1	<1	0.40	9	44	2.71	384	1.8	0.02	10.2	1730	37.9	33

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395124 (4652171)	9	<1	<1	0.35	6	33	1.99	280	0.6	0.01	7.7	1420	33.0	29
E5395125 (4652172)	11	<1	<1	0.39	7	40	2.40	375	1.5	0.02	9.5	1630	43.9	33
E5395126 (4652173)	11	<1	<1	0.40	9	41	2.52	344	0.9	0.02	10.1	1830	38.8	35
E5395127 (4652174)	<5	1	<1	0.17	2	17	0.85	109	0.8	0.01	3.9	592	13.8	11
E5395128 (4652175)	12	<1	<1	0.31	7	41	2.45	285	0.6	0.02	11.0	1700	36.7	25
E5395129 (4652176)	9	<1	<1	0.20	4	28	1.66	226	1.2	0.01	9.1	1110	30.7	15
E5395130 (4652177)	10	1	<1	0.08	17	11	0.33	1240	12.3	0.12	30.6	1150	19.3	18
E5395131 (4652178)	11	2	<1	0.32	7	41	2.37	299	0.9	0.03	9.6	1670	36.2	27
E5395132 (4652179)	13	1	<1	0.33	8	41	2.33	279	1.3	0.03	11.1	1810	33.0	29
E5395133 (4652180)	15	<1	<1	0.54	10	37	2.10	229	1.3	0.02	10.9	1920	38.4	48
E5395134 (4652181)	<5	<1	<1	0.11	<1	6	0.22	23	2.2	<0.01	1.6	169	9.7	<10
E5395135 (4652182)	<5	<1	3	0.24	13	6	0.10	280	1.3	0.08	0.7	132	9.0	33
E5395136 (4652183)	13	1	<1	0.46	6	42	2.47	306	2.5	0.02	10.5	1900	33.5	40
E5395137 (4652184)	9	1	<1	0.47	5	10	0.53	118	0.9	0.01	9.3	1530	38.8	34
E5395138 (4652185)	10	<1	<1	0.63	7	7	0.35	102	2.5	0.01	11.5	1780	58.7	48
E5395139 (4652186)	8	1	<1	0.67	5	8	0.38	67	1.1	0.01	11.3	1710	63.5	52
E5395140 (4652187)	11	<1	<1	0.79	6	21	1.11	135	2.9	0.03	13.2	2050	48.8	73
E5395141 (4652188)	10	<1	<1	0.50	7	28	1.45	147	2.1	0.02	10.8	1790	38.1	46
E5395142 (4652189)	10	2	<1	0.54	7	24	1.23	112	1.1	0.02	10.1	1810	76.4	48
E5395143 (4652190)	13	<1	<1	0.42	8	27	1.45	161	0.9	0.02	10.8	1600	122	38
E5395144 (4652191)	11	1	<1	0.46	7	30	1.64	125	0.8	0.03	10.3	1790	59.4	43
E5395145 (4652192)	11	<1	<1	0.52	7	29	1.60	140	1.5	0.03	8.7	1940	42.3	52
E5395146 (4652193)	12	<1	<1	0.36	6	37	2.12	199	<0.5	0.03	9.7	1710	38.8	33
E5395147 (4652194)	10	1	<1	0.11	2	33	1.99	321	2.2	0.04	119	1150	23.5	11
E5395148 (4652195)	13	1	<1	0.21	2	51	3.06	479	1.1	0.04	115	1160	25.5	22
E5395149 (4652196)	12	<1	2	0.15	2	52	3.01	505	3.7	0.05	76.8	1520	29.8	16
E5395150 (4652197)	10	<1	<1	0.85	12	9	0.67	1060	8.1	0.19	10.5	1430	9.4	90
E5395151 (4652198)	12	2	<1	0.23	3	42	2.54	737	0.9	0.06	1.0	1270	57.8	21
E5395152 (4652199)	7	1	<1	0.17	2	25	1.55	437	1.3	0.03	0.7	854	39.3	14
E5395153 (4652200)	11	2	<1	0.19	2	43	2.62	834	1.1	0.03	<0.5	1070	53.7	19
E5395154 (4652201)	9	1	<1	0.20	2	15	2.92	2010	7.6	0.05	8.8	1870	380	21
E5395155 (4652202)	<5	<1	2	0.23	13	9	0.10	245	1.0	0.08	0.6	115	10.0	35

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395156 (4652203)	12	1	<1	0.33	5	27	2.21	691	2.0	0.04	10.1	1860	40.7	33
E5395157 (4652204)	8	<1	<1	0.39	1	5	1.76	1730	3.4	0.04	8.6	1610	36.3	38
E5395158 (4652205)	14	<1	<1	0.30	4	25	1.68	435	1.9	0.05	8.2	1730	38.7	29
E5395159 (4652206)	14	<1	<1	0.39	4	32	1.90	408	1.5	0.04	10.1	1820	32.2	38
E5395160 (4652207)	10	<1	<1	0.27	2	26	1.76	320	0.8	0.03	7.4	1420	28.0	24
E5395161 (4652208)	13	<1	<1	0.25	4	35	2.25	421	0.7	0.07	10.4	1670	31.0	22
E5395162 (4652209)	13	<1	<1	0.33	4	32	1.70	380	<0.5	0.07	8.6	1770	32.6	30
E5395163 (4652210)	12	<1	<1	0.47	4	29	1.64	349	1.4	0.06	9.0	1930	43.7	41
E5395164 (4652211)	15	1	<1	0.57	6	23	1.26	391	<0.5	0.03	8.2	1600	47.2	48
E5395165 (4652212)	9	1	<1	0.69	7	16	0.95	388	1.4	0.02	10.6	1650	43.7	50
E5395166 (4652213)	9	<1	<1	0.52	6	12	0.70	425	<0.5	0.01	8.2	1550	53.1	40
E5395167 (4652214)	12	<1	<1	0.45	7	3	0.14	159	<0.5	<0.01	10.2	1350	271	31
E5395168 (4652215)	13	<1	<1	0.55	8	3	0.14	131	<0.5	<0.01	7.0	1480	113	40
E5395169 (4652216)	31	1	<1	0.32	5	12	0.56	754	<0.5	<0.01	<0.5	455	689	25
E5395170 (4652217)	9	<1	<1	0.29	10	7	1.47	664	12.0	0.16	45.7	591	17.7	27
E5395171 (4652218)	15	<1	<1	0.67	9	20	1.10	941	<0.5	0.02	9.4	1600	107	54
E5395172 (4652219)	10	<1	<1	0.63	9	20	1.11	938	0.5	0.02	9.8	1790	59.1	48
E5395173 (4652220)	12	<1	<1	0.64	10	17	0.97	710	0.7	0.02	10.1	1800	114	48
E5395174 (4652221)	10	1	<1	0.49	9	26	1.55	1100	<0.5	0.02	10.2	1760	76.4	39
E5395175 (4652222)	<5	<1	<1	0.24	14	6	0.11	351	1.1	0.08	2.4	159	10.2	36
E5395176 (4652223)	13	2	<1	0.27	8	40	2.23	1290	0.6	0.06	10.6	1940	62.3	21
E5395177 (4652224)	14	2	<1	0.27	7	42	2.41	1490	1.0	0.05	9.0	1750	90.3	21
E5395178 (4652225)	12	2	<1	0.43	9	32	1.86	1250	0.7	0.04	9.6	1680	92.9	33
E5395179 (4652226)	13	2	<1	0.56	9	28	1.59	1300	<0.5	0.03	8.8	1680	144	46
E5395180 (4652227)	11	2	<1	0.56	8	19	1.11	1010	0.7	0.02	10.1	1650	93.8	45
E5395181 (4652228)	15	2	<1	0.31	3	33	2.17	681	1.2	0.08	11.8	1860	39.4	24
E5395182 (4652229)	12	<1	<1	0.50	7	21	1.27	549	0.5	0.03	10.2	1780	57.7	42
E5395183 (4652230)	9	<1	<1	0.49	7	13	0.81	441	0.8	0.02	10.1	1750	50.3	37
E5395184 (4652231)	<5	<1	<1	0.20	3	4	0.18	142	0.8	<0.01	3.7	649	24.3	12
E5395185 (4652233)	7	<1	<1	0.40	9	9	0.49	351	1.0	0.01	11.4	1970	45.2	25
E5395186 (4652234)	8	<1	<1	0.35	9	9	0.53	411	1.0	<0.01	11.8	1890	111	23
E5395187 (4652235)	9	1	<1	0.46	8	17	0.98	729	0.6	0.02	9.9	1650	360	35

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

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MISSISSAUGA, ONTARIO
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395188 (4652236)	9	1	<1	0.34	7	24	1.38	1050	2.1	0.03	7.3	1480	186	26
E5395189 (4652237)	11	2	2	0.35	10	32	1.81	1060	<0.5	0.03	9.1	1750	92.1	27
E5395190 (4652238)	12	<1	<1	0.86	9	9	0.70	1170	8.6	0.16	11.0	1550	8.5	91
E5395191 (4652240)	11	2	<1	0.36	10	32	1.95	980	1.0	0.03	10.9	1940	76.2	28
E5395192 (4652241)	12	1	<1	0.32	10	37	2.18	1060	<0.5	0.03	11.3	1920	74.8	25
E5395193 (4652242)	10	2	1	0.29	9	33	2.16	1020	0.6	0.03	11.4	1750	41.7	23
E5395194 (4652243)	11	2	<1	0.20	7	35	2.13	1040	0.6	0.03	9.5	1790	67.9	16
E5395195 (4652244)	<5	<1	3	0.24	11	7	0.11	357	0.7	0.08	1.9	132	8.5	42
E5395196 (4652246)	11	2	<1	0.28	9	36	2.21	1130	0.8	0.03	8.9	1690	52.2	23
E5395197 (4652247)	13	2	<1	0.19	7	39	2.33	1340	<0.5	0.04	12.1	1770	91.2	15
E5395198 (4652248)	11	1	<1	0.23	7	30	1.77	1040	0.6	0.02	9.5	1650	122	18
E5395199 (4652249)	12	<1	<1	0.24	7	32	1.91	1020	0.6	0.04	10.2	1770	108	18
E5395200 (4652250)	11	2	<1	0.18	5	28	1.61	997	1.5	0.03	9.8	1570	57.7	14
E5395201 (4652251)	10	<1	<1	0.32	8	18	1.12	1030	0.8	0.01	8.7	1560	58.5	24
E5395202 (4652252)	11	<1	1	0.30	7	27	1.67	1460	0.5	0.01	10.9	1660	72.5	24
E5395203 (4652254)	9	<1	<1	0.26	6	24	1.38	1200	1.1	0.02	8.8	1540	49.7	20
E5395204 (4652255)	8	<1	<1	0.42	10	20	1.18	1040	1.1	0.01	11.9	1830	26.0	31
E5395205 (4652256)	10	<1	<1	0.49	10	25	1.35	1150	1.0	0.02	11.6	1910	33.0	37
E5395206 (4652257)	8	<1	<1	0.34	7	2	0.16	671	6.5	<0.01	9.6	1740	77.3	29
E5395207 (4652258)	8	<1	<1	0.31	6	1	0.04	88	1.2	<0.01	6.1	1350	278	18
E5395208 (4652259)	36	2	<1	0.10	6	<1	<0.01	194	<0.5	<0.01	<0.5	115	100	<10
E5395209 (4652260)	11	<1	<1	0.29	4	<1	0.02	59	0.5	<0.01	7.2	1130	112	17
E5395210 (4652262)	7	<1	<1	0.27	10	7	1.48	666	11.8	0.14	49.4	572	19.3	25
E5395211 (4652263)	8	<1	<1	0.30	6	<1	0.02	52	<0.5	<0.01	7.3	1330	47.3	17
E5395212 (4652264)	9	<1	<1	0.36	6	<1	0.03	92	<0.5	<0.01	9.5	1650	120	20
E5395213 (4652265)	28	<1	<1	0.12	5	<1	<0.01	155	<0.5	<0.01	<0.5	319	136	<10
E5395214 (4652266)	6	<1	<1	0.26	4	<1	0.02	107	1.4	<0.01	9.7	1800	251	14
E5395215 (4652268)	<5	<1	1	0.19	12	6	0.08	319	1.0	0.04	<0.5	121	9.1	34
E5395216 (4652269)	13	1	<1	0.24	4	1	0.03	349	<0.5	<0.01	8.3	1240	426	14
E5395217 (4652270)	5	<1	<1	0.41	6	6	0.37	701	2.1	<0.01	11.6	2140	153	29
E5395218 (4652271)	7	<1	<1	0.41	8	20	1.24	1850	1.4	<0.01	11.6	1880	208	31
E5395219 (4652272)	8	1	<1	0.35	7	16	1.06	1650	1.3	<0.01	10.1	1880	260	27

Certified By:



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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
E5395220 (4652273)	8	<1	<1	0.28	7	17	1.10	1570	0.9	<0.01	10.7	1930	336	21
E5395221 (4652275)	7	<1	<1	0.36	5	6	0.32	703	1.4	<0.01	10.3	1830	173	24
E5395222 (4652276)	10	1	<1	0.34	4	2	0.08	312	0.9	<0.01	8.8	1570	113	21
E5395223 (4652277)	5	1	<1	0.35	4	3	0.12	203	1.3	<0.01	11.4	1620	57.2	21
E5395224 (4652278)	8	<1	2	0.47	8	7	0.39	404	1.5	<0.01	10.5	1900	262	33
E5395225 (4652279)	7	1	<1	0.30	5	8	0.45	436	2.1	<0.01	9.8	1640	129	21
E5395226 (4652280)	8	<1	<1	0.36	7	13	0.85	429	1.0	<0.01	10.3	1770	35.9	26
E5395227 (4652282)	9	1	<1	0.45	9	21	1.51	534	1.5	<0.01	10.6	2050	35.7	35
E5395228 (4652283)	11	<1	<1	0.38	8	27	1.88	756	1.1	0.01	11.1	1870	51.4	31
E5395229 (4652284)	13	<1	3	0.45	6	10	0.59	447	<0.5	<0.01	7.6	1570	124	35
E5395230 (4652285)	9	<1	<1	0.07	15	10	0.31	1190	11.8	0.11	28.4	1200	20.9	17
E5395231 (4652286)	10	<1	<1	0.39	7	23	1.62	434	1.2	<0.01	10.2	1920	31.5	33
E5395232 (4652287)	11	<1	<1	0.30	8	34	2.47	667	1.1	0.01	8.7	1780	27.1	26
E5395233 (4652289)	10	<1	2	0.33	6	24	1.67	392	1.3	0.01	9.0	1700	30.1	26
E5395234 (4652290)	12	<1	<1	0.30	8	42	3.02	776	1.4	0.02	9.2	1900	33.5	26
E5395235 (4652291)	<5	<1	1	0.20	12	6	0.09	311	0.9	0.07	<0.5	125	8.9	32
E5395236 (4652292)	12	<1	<1	0.36	7	37	2.70	591	1.0	0.02	9.5	1820	36.1	32
E5395237 (4652293)	10	<1	<1	0.36	7	28	2.06	360	1.7	0.02	7.6	1720	30.0	31
E5395238 (4652294)	10	<1	<1	0.48	9	28	1.98	335	1.2	0.02	9.1	1890	32.8	42
E5395239 (4652295)	12	<1	<1	0.32	5	19	1.36	319	0.6	0.01	10.3	1470	40.1	28
E5395240 (4652297)	11	1	<1	0.37	8	25	1.71	340	0.9	0.02	9.9	1710	40.5	34
E5395241 (4652298)	11	1	<1	0.52	10	24	1.63	264	0.7	0.02	11.1	1810	34.5	47
E5395242 (4652299)	14	3	<1	0.39	9	33	2.36	333	1.0	0.04	10.2	1910	37.1	35
E5395243 (4652300)	14	1	<1	0.36	8	37	2.70	267	1.4	0.02	8.6	1720	34.4	29
E5395244 (4652301)	12	2	<1	0.42	9	36	2.76	263	1.0	0.02	8.6	1770	37.8	39
E5395245 (4652302)	11	2	<1	0.50	8	40	3.12	260	3.2	0.02	8.4	1880	32.8	48
E5395246 (4652304)	12	1	<1	0.52	7	32	2.36	219	1.1	0.02	10.6	1780	43.1	47
E5395247 (4652305)	5	<1	<1	0.17	2	7	0.72	145	1.3	<0.01	3.8	690	12.8	13

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013					DATE REPORTED: Aug 26, 2013					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5395060 (4652106)	3.07	3	9.0	<10	14	22.8	<10	<10	<5	0.17	<5	<5	141	3	
E5395061 (4652107)	3.86	6	9.4	<10	12	18.0	<10	<10	<5	0.16	<5	<5	149	4	
E5395062 (4652108)	2.82	4	10.7	<10	14	20.1	<10	<10	<5	0.22	<5	<5	186	3	
E5395063 (4652109)	3.94	8	8.1	<10	15	35.1	<10	<10	<5	0.15	<5	<5	149	4	
E5395064 (4652110)	3.41	6	5.7	12	8	19.1	<10	<10	<5	0.07	<5	<5	102	3	
E5395065 (4652111)	3.64	14	5.0	22	10	67.7	<10	11	<5	<0.01	<5	<5	85.6	3	
E5395066 (4652112)	4.13	12	7.0	12	12	55.1	<10	<10	<5	<0.01	<5	<5	103	3	
E5395067 (4652113)	4.50	10	8.8	19	16	39.5	<10	<10	<5	0.18	<5	<5	148	4	
E5395068 (4652114)	3.08	4	2.7	12	7	28.4	<10	13	<5	0.06	<5	<5	60.4	<1	
E5395069 (4652115)	5.05	10	6.2	19	16	27.3	<10	<10	<5	0.15	<5	<5	108	3	
E5395070 (4652116)	0.016	<1	3.5	<10	16	48.6	<10	<10	<5	0.19	<5	<5	24.7	<1	
E5395071 (4652117)	3.73	9	6.9	13	11	25.7	<10	<10	<5	0.12	<5	<5	130	3	
E5395072 (4652118)	3.90	9	7.1	15	12	29.2	<10	<10	<5	0.10	<5	<5	125	4	
E5395073 (4652119)	6.00	12	6.7	24	9	21.5	<10	<10	<5	0.09	<5	<5	133	5	
E5395074 (4652120)	2.64	4	4.9	<10	6	15.4	<10	<10	<5	0.06	<5	<5	93.1	3	
E5395075 (4652121)	0.097	<1	2.0	<10	5	10.4	<10	<10	20	0.06	<5	9	9.3	<1	
E5395076 (4652122)	4.44	13	11.2	12	11	35.5	<10	45	<5	0.09	<5	<5	149	6	
E5395077 (4652123)	4.58	11	10.4	14	10	22.3	<10	14	<5	0.10	<5	<5	141	5	
E5395078 (4652124)	5.59	11	12.7	14	9	21.4	<10	<10	<5	0.12	<5	<5	161	5	
E5395079 (4652125)	5.17	10	10.4	17	10	23.2	<10	<10	<5	0.10	<5	<5	164	3	
E5395080 (4652126)	4.56	11	15.8	11	13	25.9	<10	<10	<5	0.14	<5	<5	187	6	
E5395081 (4652127)	5.06	13	13.2	13	12	34.0	<10	<10	<5	0.10	<5	<5	181	3	
E5395082 (4652128)	5.86	11	10.0	21	8	60.2	<10	<10	<5	0.03	<5	<5	152	2	
E5395083 (4652129)	5.87	13	14.1	19	13	34.6	<10	<10	<5	0.11	<5	<5	179	7	
E5395084 (4652130)	5.60	13	13.5	15	15	30.0	<10	<10	<5	0.13	<5	<5	205	9	
E5395085 (4652131)	6.78	14	10.3	17	10	22.4	<10	11	<5	0.09	<5	<5	141	6	
E5395086 (4652132)	6.28	16	7.4	12	9	30.0	<10	<10	<5	0.05	<5	<5	78.4	4	
E5395087 (4652133)	7.04	20	4.3	15	<5	30.6	<10	21	<5	<0.01	<5	<5	49.3	<1	
E5395088 (4652134)	7.80	36	6.3	19	6	40.3	<10	15	<5	0.01	<5	<5	62.3	2	
E5395089 (4652135)	7.62	19	6.6	18	7	20.2	<10	22	<5	0.04	<5	<5	56.0	<1	
E5395090 (4652136)	0.202	22	4.9	<10	19	159	<10	<10	<5	0.15	<5	<5	67.7	1	
E5395091 (4652137)	7.68	24	6.2	22	6	17.6	<10	47	<5	0.06	<5	<5	56.9	2	

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5395092 (4652138)	8.76	43	4.4	28	6	14.6	<10	146	<5	0.04	<5	<5	34.8	3
E5395093 (4652140)	9.29	63	3.4	31	5	11.1	<10	239	<5	0.02	<5	<5	26.3	5
E5395094 (4652141)	9.44	21	2.7	27	<5	12.2	<10	65	<5	0.01	<5	<5	23.3	3
E5395095 (4652142)	0.050	<1	1.7	<10	<5	11.5	<10	<10	20	0.02	<5	9	5.3	<1
E5395096 (4652143)	12.3	309	3.5	37	<5	13.0	<10	216	<5	0.01	<5	<5	29.2	6
E5395097 (4652144)	9.63	70	4.2	21	<5	17.1	<10	77	<5	0.01	<5	<5	30.9	2
E5395098 (4652145)	34.8	85	<0.5	142	<5	3.6	<10	332	<5	<0.01	<5	6	25.0	17
E5395099 (4652146)	15.6	55	2.5	55	<5	15.4	<10	102	<5	<0.01	<5	<5	24.9	8
E5395100 (4652147)	9.93	65	4.7	20	<5	19.0	<10	15	<5	<0.01	<5	<5	40.4	5
E5395101 (4652148)	11.0	42	2.7	25	<5	15.5	<10	67	<5	<0.01	<5	<5	22.1	6
E5395102 (4652149)	13.3	16	3.6	36	<5	19.4	<10	28	<5	<0.01	<5	<5	30.5	6
E5395103 (4652150)	9.40	26	2.6	21	<5	19.5	<10	56	<5	<0.01	<5	<5	22.6	2
E5395104 (4652151)	12.6	30	1.8	35	7	37.0	<10	83	<5	<0.01	<5	<5	19.4	5
E5395105 (4652152)	28.3	106	0.8	140	<5	11.4	<10	62	<5	<0.01	<5	6	26.8	14
E5395106 (4652153)	11.1	30	1.4	26	<5	16.8	<10	31	<5	<0.01	<5	<5	19.5	2
E5395107 (4652154)	16.7	78	1.6	41	<5	17.4	<10	42	<5	<0.01	<5	<5	22.7	6
E5395108 (4652155)	15.5	82	1.7	44	5	15.8	<10	19	<5	0.02	<5	<5	23.4	3
E5395109 (4652156)	9.04	142	3.1	22	<5	12.0	<10	20	<5	0.03	<5	<5	21.5	2
E5395110 (4652157)	0.192	21	4.8	<10	20	161	<10	<10	<5	0.15	<5	<5	67.5	1
E5395111 (4652158)	9.17	146	6.6	25	8	25.8	<10	33	<5	0.07	<5	<5	56.7	5
E5395112 (4652159)	6.47	108	5.0	18	6	28.1	<10	20	<5	0.06	<5	<5	37.9	2
E5395113 (4652160)	6.48	117	5.0	21	5	28.8	<10	32	<5	0.05	<5	<5	39.3	<1
E5395114 (4652161)	7.73	555	4.5	28	<5	30.3	<10	48	<5	0.02	<5	<5	34.3	<1
E5395115 (4652162)	0.029	3	1.4	<10	<5	8.9	<10	<10	17	0.03	8	8	5.2	<1
E5395116 (4652163)	9.05	281	5.0	19	<5	30.7	<10	23	<5	0.02	<5	<5	46.5	5
E5395117 (4652164)	7.22	33	7.2	22	7	38.5	<10	24	<5	0.06	<5	<5	63.4	2
E5395118 (4652165)	5.43	13	7.4	13	9	41.9	<10	<10	<5	0.10	<5	<5	73.1	<1
E5395119 (4652166)	5.58	10	6.4	18	7	38.2	<10	<10	<5	0.08	<5	<5	83.3	4
E5395120 (4652167)	7.17	26	8.2	23	10	37.4	<10	22	<5	0.09	<5	<5	76.0	4
E5395121 (4652168)	6.37	10	8.0	18	9	37.4	<10	<10	<5	0.11	<5	<5	73.6	2
E5395122 (4652169)	5.14	10	9.6	10	8	28.3	<10	<10	<5	0.09	<5	<5	122	4
E5395123 (4652170)	5.77	9	11.7	<10	11	36.7	<10	<10	<5	0.13	<5	<5	131	4

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013					DATE REPORTED: Aug 26, 2013					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5395124 (4652171)	4.33	9	8.1	15	7	32.9	<10	<10	<5	0.08	<5	<5	103	2	
E5395125 (4652172)	5.94	11	10.6	12	8	40.0	<10	<10	<5	0.11	<5	<5	124	5	
E5395126 (4652173)	5.21	10	12.8	14	10	44.2	<10	<10	<5	0.12	<5	<5	146	3	
E5395127 (4652174)	1.93	3	2.9	<10	<5	16.0	<10	<10	<5	0.03	<5	<5	50.5	<1	
E5395128 (4652175)	5.26	16	11.3	18	8	41.4	<10	<10	<5	0.10	<5	<5	147	4	
E5395129 (4652176)	3.70	10	6.0	<10	5	28.8	<10	<10	<5	0.06	<5	<5	84.3	3	
E5395130 (4652177)	0.609	10	4.7	<10	42	123	<10	<10	<5	0.10	<5	6	38.2	16	
E5395131 (4652178)	4.85	15	12.3	15	9	41.9	<10	<10	<5	0.10	<5	<5	154	4	
E5395132 (4652179)	5.65	15	13.6	15	10	44.6	<10	<10	5	0.11	<5	<5	165	5	
E5395133 (4652180)	5.32	21	11.6	12	10	55.6	<10	<10	<5	0.14	<5	<5	115	3	
E5395134 (4652181)	1.42	1	<0.5	<10	<5	7.5	<10	<10	<5	<0.01	<5	<5	9.0	<1	
E5395135 (4652182)	0.026	<1	1.7	<10	<5	9.8	<10	<10	18	0.03	<5	8	5.8	<1	
E5395136 (4652183)	5.22	17	11.3	14	10	59.7	<10	<10	<5	0.12	<5	<5	133	2	
E5395137 (4652184)	9.30	728	8.1	23	8	49.7	<10	10	<5	0.06	<5	<5	59.5	2	
E5395138 (4652185)	9.20	1700	10.2	30	8	59.7	<10	13	<5	0.08	<5	<5	62.6	3	
E5395139 (4652186)	8.23	1110	9.3	23	8	55.4	<10	<10	<5	0.08	<5	<5	63.5	5	
E5395140 (4652187)	6.55	314	10.6	15	9	61.2	<10	<10	7	0.09	<5	<5	106	4	
E5395141 (4652188)	5.81	199	9.1	15	9	48.8	<10	<10	<5	0.10	<5	<5	101	4	
E5395142 (4652189)	5.16	271	9.1	16	8	38.6	<10	<10	<5	0.10	<5	<5	92.3	1	
E5395143 (4652190)	8.06	232	7.6	25	9	32.7	<10	12	<5	0.09	<5	<5	93.7	6	
E5395144 (4652191)	4.83	30	10.7	15	7	40.6	<10	<10	<5	0.10	<5	<5	127	5	
E5395145 (4652192)	4.55	16	11.3	15	10	46.1	<10	<10	<5	0.10	<5	<5	134	3	
E5395146 (4652193)	6.50	19	10.8	25	8	43.3	<10	<10	<5	0.09	<5	<5	140	<1	
E5395147 (4652194)	3.44	6	3.7	<10	7	27.0	<10	<10	<5	0.09	<5	<5	84.2	4	
E5395148 (4652195)	3.39	7	6.3	<10	10	37.5	<10	<10	<5	0.12	<5	<5	106	3	
E5395149 (4652196)	4.47	23	7.2	15	14	45.2	<10	<10	<5	0.17	<5	<5	114	4	
E5395150 (4652197)	0.011	<1	3.6	<10	14	54.9	<10	<10	<5	0.17	<5	<5	22.6	1	
E5395151 (4652198)	3.37	10	5.5	<10	7	60.1	<10	<10	5	0.02	<5	<5	103	2	
E5395152 (4652199)	2.19	5	3.6	<10	5	40.7	<10	<10	<5	0.01	<5	<5	66.2	1	
E5395153 (4652200)	2.25	9	5.1	<10	10	69.6	<10	<10	<5	<0.01	<5	<5	93.4	2	
E5395154 (4652201)	2.26	8	10.5	10	15	174	<10	<10	<5	<0.01	<5	<5	97.0	4	
E5395155 (4652202)	0.022	<1	1.8	<10	<5	8.4	<10	<10	21	0.03	<5	8	5.7	<1	

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ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013					DATE REPORTED: Aug 26, 2013					SAMPLE TYPE: Rock				
Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	
E5395156 (4652203)	2.90	9	9.5	<10	5	54.4	<10	<10	5	<0.01	<5	<5	156	2	
E5395157 (4652204)	2.88	7	10.4	10	14	137	<10	<10	<5	<0.01	<5	5	47.4	2	
E5395158 (4652205)	4.83	7	12.4	15	17	36.7	<10	<10	<5	0.17	<5	<5	158	5	
E5395159 (4652206)	4.12	12	13.4	16	11	67.7	<10	<10	<5	0.09	<5	<5	175	4	
E5395160 (4652207)	2.91	8	8.5	11	7	24.3	<10	<10	<5	0.07	<5	<5	126	2	
E5395161 (4652208)	3.73	10	13.3	12	10	28.6	<10	<10	<5	0.10	<5	<5	201	4	
E5395162 (4652209)	4.08	9	14.8	17	14	32.0	<10	<10	<5	0.16	<5	<5	182	7	
E5395163 (4652210)	3.85	11	14.5	16	11	25.8	<10	13	<5	0.14	<5	<5	172	5	
E5395164 (4652211)	7.07	14	11.3	29	8	20.0	<10	19	5	0.08	<5	<5	128	4	
E5395165 (4652212)	7.49	18	8.8	20	7	19.0	<10	22	<5	0.08	<5	<5	90.8	<1	
E5395166 (4652213)	6.22	35	6.3	18	5	12.9	<10	22	5	0.05	<5	<5	61.1	4	
E5395167 (4652214)	13.4	224	3.6	47	<5	11.7	<10	51	<5	0.02	<5	<5	32.3	6	
E5395168 (4652215)	12.0	68	4.8	34	6	12.9	<10	49	<5	0.03	<5	<5	37.9	5	
E5395169 (4652216)	29.5	576	2.5	124	<5	10.1	<10	204	<5	0.02	<5	10	44.4	16	
E5395170 (4652217)	0.189	22	5.2	11	18	159	<10	<10	<5	0.14	<5	<5	67.1	2	
E5395171 (4652218)	11.5	63	9.5	35	8	20.5	<10	40	<5	0.11	<5	<5	101	12	
E5395172 (4652219)	8.10	35	9.6	19	9	22.0	<10	14	5	0.10	<5	<5	91.3	2	
E5395173 (4652220)	8.29	96	9.3	21	8	21.1	<10	16	<5	0.09	<5	<5	90.9	6	
E5395174 (4652221)	6.53	41	9.5	21	7	23.7	<10	11	<5	0.07	<5	<5	116	6	
E5395175 (4652222)	0.024	<1	1.9	<10	<5	8.7	<10	<10	21	0.03	<5	10	7.1	<1	
E5395176 (4652223)	6.02	33	12.4	14	9	23.0	<10	<10	<5	0.12	<5	<5	186	3	
E5395177 (4652224)	5.74	33	11.4	17	11	24.4	<10	14	<5	0.12	<5	<5	168	4	
E5395178 (4652225)	7.17	26	11.5	21	12	25.0	<10	<10	<5	0.12	<5	<5	145	10	
E5395179 (4652226)	9.51	30	10.4	28	9	22.3	<10	18	<5	0.10	<5	<5	122	7	
E5395180 (4652227)	6.63	16	7.5	21	6	17.3	<10	38	<5	0.06	<5	<5	83.7	3	
E5395181 (4652228)	5.55	13	8.8	21	11	30.8	<10	<10	<5	0.08	<5	<5	143	6	
E5395182 (4652229)	7.33	17	11.8	20	11	23.7	<10	<10	<5	0.11	<5	<5	117	4	
E5395183 (4652230)	6.62	52	8.1	22	8	17.2	<10	<10	<5	0.08	<5	<5	87.0	3	
E5395184 (4652231)	3.60	17	2.3	<10	<5	7.5	<10	<10	<5	0.02	6	<5	19.7	<1	
E5395185 (4652233)	6.54	38	4.3	13	5	17.0	<10	14	<5	0.04	<5	<5	38.5	3	
E5395186 (4652234)	7.75	79	3.8	22	<5	23.7	<10	18	<5	0.01	<5	<5	35.4	3	
E5395187 (4652235)	8.86	106	5.4	25	<5	34.9	<10	252	<5	<0.01	<5	<5	66.2	5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
E5395188 (4652236)	5.26	118	5.1	14	9	70.6	<10	<10	<5	0.01	<5	<5	73.9	2
E5395189 (4652237)	7.06	17	9.5	21	9	55.1	<10	<10	<5	0.03	<5	<5	129	2
E5395190 (4652238)	0.011	<1	3.4	11	13	43.4	<10	<10	<5	0.16	<5	<5	23.6	2
E5395191 (4652240)	4.93	13	10.4	15	7	41.9	<10	<10	<5	0.04	<5	<5	148	1
E5395192 (4652241)	5.62	13	9.6	13	7	35.0	<10	<10	<5	0.04	<5	<5	152	2
E5395193 (4652242)	4.63	10	9.7	11	7	23.8	<10	<10	<5	0.06	<5	<5	146	2
E5395194 (4652243)	4.67	12	8.3	<10	5	25.5	<10	<10	<5	0.04	<5	<5	144	2
E5395195 (4652244)	0.033	<1	2.1	<10	<5	8.2	<10	<10	21	0.05	<5	9	7.1	<1
E5395196 (4652246)	4.15	8	11.0	10	6	26.5	<10	10	<5	0.07	<5	<5	162	2
E5395197 (4652247)	5.50	11	10.5	13	8	23.7	<10	12	<5	0.07	<5	<5	166	4
E5395198 (4652248)	5.80	14	8.7	16	6	23.6	<10	15	5	0.06	<5	<5	135	7
E5395199 (4652249)	4.92	12	9.7	13	8	24.7	<10	18	5	0.09	<5	<5	156	2
E5395200 (4652250)	6.69	11	7.7	19	6	19.9	<10	22	<5	0.06	<5	<5	121	3
E5395201 (4652251)	6.90	13	5.9	19	<5	27.4	<10	22	<5	0.04	<5	<5	78.1	4
E5395202 (4652252)	5.89	12	6.8	16	<5	20.9	<10	22	<5	0.04	<5	<5	97.8	1
E5395203 (4652254)	5.47	21	6.4	15	<5	19.1	<10	<10	<5	0.05	<5	<5	96.9	1
E5395204 (4652255)	5.97	12	6.2	12	5	24.5	<10	<10	5	0.02	<5	<5	78.1	4
E5395205 (4652256)	7.47	13	5.5	23	<5	31.8	<10	<10	<5	<0.01	<5	<5	74.2	3
E5395206 (4652257)	7.93	37	3.3	17	18	112	<10	39	<5	<0.01	<5	<5	21.5	2
E5395207 (4652258)	10.9	54	2.2	36	<5	11.1	<10	270	<5	<0.01	<5	<5	19.9	5
E5395208 (4652259)	35.6	242	0.6	168	<5	6.8	19	343	<5	<0.01	<5	14	25.6	19
E5395209 (4652260)	14.3	38	2.0	50	<5	15.5	<10	193	<5	0.01	<5	<5	20.6	7
E5395210 (4652262)	0.184	21	4.6	11	17	143	<10	<10	5	0.13	<5	<5	63.9	2
E5395211 (4652263)	11.7	31	2.4	35	<5	16.4	<10	49	<5	<0.01	<5	<5	20.4	6
E5395212 (4652264)	10.5	34	2.7	34	<5	23.2	<10	140	<5	<0.01	<5	<5	22.3	6
E5395213 (4652265)	31.6	138	0.5	142	<5	7.6	10	121	<5	<0.01	<5	11	22.3	16
E5395214 (4652266)	7.64	337	2.2	20	<5	23.4	<10	120	<5	0.01	<5	<5	15.2	4
E5395215 (4652268)	0.032	<1	1.5	<10	<5	9.4	<10	<10	19	0.03	9	8	4.7	<1
E5395216 (4652269)	16.1	419	1.7	55	<5	24.5	<10	110	<5	<0.01	<5	5	18.8	6
E5395217 (4652270)	5.43	34	4.8	15	<5	37.7	<10	11	<5	0.03	<5	<5	35.5	1
E5395218 (4652271)	4.53	46	5.2	13	<5	37.7	<10	<10	<5	0.01	<5	<5	59.0	2
E5395219 (4652272)	4.88	40	4.9	14	6	39.3	<10	10	<5	0.05	<5	<5	47.7	1

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AGAT WORK ORDER: 13D747619

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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	S % 0.005	Sb ppm 1	Sc ppm 0.5	Se ppm 10	Sn ppm 5	Sr ppm 0.5	Ta ppm 10	Te ppm 10	Th ppm 5	Ti % 0.01	Tl ppm 5	U ppm 5	V ppm 0.5	W ppm 1
E5395220 (4652273)		4.35	34	4.3	11	<5	41.5	<10	13	<5	0.04	<5	<5	48.1	2
E5395221 (4652275)		7.12	55	3.9	24	<5	32.3	<10	21	<5	0.04	<5	<5	29.6	2
E5395222 (4652276)		11.0	158	3.1	35	<5	27.4	<10	125	<5	0.02	<5	<5	24.3	5
E5395223 (4652277)		6.15	41	3.1	22	<5	29.7	<10	41	<5	0.03	<5	<5	21.7	3
E5395224 (4652278)		5.79	192	4.4	19	<5	33.4	<10	34	<5	0.05	<5	<5	37.0	2
E5395225 (4652279)		6.49	82	3.5	14	5	32.6	<10	26	<5	0.04	<5	<5	27.4	<1
E5395226 (4652280)		5.82	20	5.3	16	7	36.9	<10	11	<5	0.07	<5	<5	48.1	<1
E5395227 (4652282)		5.67	16	8.7	16	8	41.6	<10	<10	<5	0.10	<5	<5	78.0	3
E5395228 (4652283)		7.30	20	8.0	21	7	48.4	<10	13	<5	0.09	<5	<5	98.0	4
E5395229 (4652284)		10.8	121	6.5	34	8	44.1	<10	46	<5	0.08	<5	<5	46.3	1
E5395230 (4652285)		0.561	11	4.3	<10	39	113	<10	<10	<5	0.08	<5	6	34.8	18
E5395231 (4652286)		5.46	13	6.6	14	9	42.4	<10	11	<5	0.12	<5	<5	71.2	2
E5395232 (4652287)		4.50	10	8.7	<10	9	47.6	<10	<10	<5	0.09	<5	<5	118	3
E5395233 (4652289)		6.45	13	7.6	12	9	38.6	<10	<10	6	0.10	<5	<5	82.8	4
E5395234 (4652290)		4.85	12	13.1	<10	12	58.1	<10	<10	<5	0.14	<5	<5	149	4
E5395235 (4652291)		0.013	<1	1.8	<10	<5	7.0	<10	<10	18	0.04	<5	8	4.9	<1
E5395236 (4652292)		5.41	12	10.8	13	8	60.8	<10	<10	6	0.09	<5	<5	133	4
E5395237 (4652293)		4.13	8	11.8	<10	9	48.7	<10	<10	<5	0.10	<5	<5	121	2
E5395238 (4652294)		4.98	11	12.9	<10	9	59.6	<10	<10	<5	0.09	<5	<5	122	3
E5395239 (4652295)		5.29	11	8.1	13	6	43.5	<10	<10	<5	0.04	<5	<5	83.6	4
E5395240 (4652297)		4.64	11	9.8	15	9	70.3	<10	<10	<5	0.06	<5	<5	115	3
E5395241 (4652298)		6.14	11	10.2	13	7	64.4	<10	<10	<5	0.03	<5	<5	99.6	4
E5395242 (4652299)		4.81	10	13.8	13	9	65.9	<10	<10	<5	0.05	<5	<5	185	4
E5395243 (4652300)		3.56	8	11.4	10	5	57.3	<10	<10	<5	0.03	<5	<5	161	3
E5395244 (4652301)		4.99	10	14.8	10	6	58.4	<10	<10	<5	0.04	<5	<5	169	3
E5395245 (4652302)		2.85	10	11.6	<10	5	86.8	<10	<10	<5	<0.01	<5	<5	163	2
E5395246 (4652304)		6.48	13	8.4	11	<5	103	<10	<10	<5	<0.01	<5	<5	129	4
E5395247 (4652305)		1.80	6	3.7	<10	<5	77.9	<10	<10	<5	<0.01	<5	<5	33.5	1

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-GRAV ppm 5	Zn-OL % 0.01
E5395060 (4652106)		10	20.9	<5		
E5395061 (4652107)		8	29.5	<5		
E5395062 (4652108)		12	13.8	5		
E5395063 (4652109)		4	28.7	<5		
E5395064 (4652110)		2	24.7	<5		
E5395065 (4652111)		4	146	<5		
E5395066 (4652112)		5	49.6	<5		
E5395067 (4652113)		4	36.9	<5		
E5395068 (4652114)		1	33.1	<5		
E5395069 (4652115)		3	51.8	<5		
E5395070 (4652116)		21	94.7	<5		
E5395071 (4652117)		3	37.8	<5		
E5395072 (4652118)		3	42.6	<5		
E5395073 (4652119)		3	74.1	<5		
E5395074 (4652120)		3	132	<5		
E5395075 (4652121)		16	37.5	<5		
E5395076 (4652122)		7	53.1	<5		
E5395077 (4652123)		10	46.0	<5		
E5395078 (4652124)		12	67.7	<5		
E5395079 (4652125)		10	47.3	<5		
E5395080 (4652126)		14	39.3	<5		
E5395081 (4652127)		10	69.1	<5		
E5395082 (4652128)		9	46.6	<5		
E5395083 (4652129)		12	48.4	<5		
E5395084 (4652130)		13	102	<5		
E5395085 (4652131)		9	89.2	<5		
E5395086 (4652132)		10	85.6	<5		
E5395087 (4652133)		7	1880	<5		
E5395088 (4652134)		10	2510	<5		
E5395089 (4652135)		12	228	<5		
E5395090 (4652136)		6	64.5	<5		
E5395091 (4652137)		12	380	<5		

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-GRAV ppm 5	Zn-OL % 0.01
E5395092 (4652138)		11	740	<5		
E5395093 (4652140)		8	589	<5		
E5395094 (4652141)		7	512	<5		
E5395095 (4652142)		16	40.0	<5		
E5395096 (4652143)		8	422	<5	91	
E5395097 (4652144)		7	339	<5	95	
E5395098 (4652145)		<1	320	<5		
E5395099 (4652146)		3	301	<5		
E5395100 (4652147)		3	118	<5		
E5395101 (4652148)		3	94.7	<5		
E5395102 (4652149)		4	78.4	<5		
E5395103 (4652150)		3	72.7	<5		
E5395104 (4652151)		4	66.7	<5		
E5395105 (4652152)		1	1340	<5		
E5395106 (4652153)		3	40.6	<5		
E5395107 (4652154)		5	107	<5		
E5395108 (4652155)		5	104	<5		
E5395109 (4652156)		6	153	<5		
E5395110 (4652157)		6	61.9	<5		
E5395111 (4652158)		11	>10000	<5		1.03
E5395112 (4652159)		11	3900	<5		
E5395113 (4652160)		10	1840	<5		
E5395114 (4652161)		8	526	<5		
E5395115 (4652162)		17	36.7	<5		
E5395116 (4652163)		9	1420	<5		
E5395117 (4652164)		12	4680	<5		
E5395118 (4652165)		11	1830	<5		
E5395119 (4652166)		11	2620	<5		
E5395120 (4652167)		10	>10000	<5		1.76
E5395121 (4652168)		11	1500	<5		
E5395122 (4652169)		10	127	<5		
E5395123 (4652170)		12	97.0	<5		

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ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-GRAV ppm 5	Zn-OL % 0.01
E5395124 (4652171)		9	1670	<5		
E5395125 (4652172)		12	5520	<5		
E5395126 (4652173)		12	1990	<5		
E5395127 (4652174)		4	103	<5		
E5395128 (4652175)		10	96.7	<5		
E5395129 (4652176)		6	147	<5		
E5395130 (4652177)		12	67.6	8		
E5395131 (4652178)		11	99.6	<5		
E5395132 (4652179)		11	60.0	<5		
E5395133 (4652180)		14	3800	<5		
E5395134 (4652181)		1	2250	<5		
E5395135 (4652182)		17	46.7	<5		
E5395136 (4652183)		11	189	<5		
E5395137 (4652184)		10	1360	<5		
E5395138 (4652185)		11	3960	<5		
E5395139 (4652186)		14	193	<5		
E5395140 (4652187)		13	149	<5		
E5395141 (4652188)		11	332	<5		
E5395142 (4652189)		11	2800	<5		
E5395143 (4652190)		10	>10000	<5		1.78
E5395144 (4652191)		11	391	<5		
E5395145 (4652192)		12	82.0	<5		
E5395146 (4652193)		9	55.0	<5		
E5395147 (4652194)		2	54.9	<5		
E5395148 (4652195)		3	18.3	<5		
E5395149 (4652196)		4	22.3	<5		
E5395150 (4652197)		21	82.7	<5		
E5395151 (4652198)		6	132	<5		
E5395152 (4652199)		4	81.3	<5		
E5395153 (4652200)		5	88.3	<5		
E5395154 (4652201)		4	576	<5		
E5395155 (4652202)		16	28.4	<5		

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013		DATE REPORTED: Aug 26, 2013		SAMPLE TYPE: Rock
Analyte:	Y	Zn	Zr	Ag-GRAV	Zn-OL
Unit:	ppm	ppm	ppm	ppm	%
RDL:	1	0.5	5	5	0.01
Sample ID (AGAT ID)					
E5395156 (4652203)	4	82.1	<5		
E5395157 (4652204)	5	42.5	<5		
E5395158 (4652205)	4	32.2	<5		
E5395159 (4652206)	4	33.6	<5		
E5395160 (4652207)	2	19.2	<5		
E5395161 (4652208)	4	44.4	<5		
E5395162 (4652209)	5	23.2	<5		
E5395163 (4652210)	9	44.9	<5		
E5395164 (4652211)	11	2710	<5		
E5395165 (4652212)	10	5840	<5		
E5395166 (4652213)	10	6200	<5		
E5395167 (4652214)	9	1060	<5		
E5395168 (4652215)	10	874	<5		
E5395169 (4652216)	2	4540	<5		
E5395170 (4652217)	6	57.6	5		
E5395171 (4652218)	11	>10000	<5		1.22
E5395172 (4652219)	11	7940	<5		
E5395173 (4652220)	12	1690	<5		
E5395174 (4652221)	12	6710	<5		
E5395175 (4652222)	18	42.6	<5		
E5395176 (4652223)	12	4140	<5		
E5395177 (4652224)	12	8780	<5		
E5395178 (4652225)	12	>10000	<5		1.04
E5395179 (4652226)	11	7440	<5		
E5395180 (4652227)	11	6510	<5		
E5395181 (4652228)	5	61.9	<5		
E5395182 (4652229)	12	191	<5		
E5395183 (4652230)	10	1010	<5		
E5395184 (4652231)	4	690	<5		
E5395185 (4652233)	11	2410	<5		
E5395186 (4652234)	11	932	<5		
E5395187 (4652235)	9	9910	<5		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL (905)501-9998
 FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013			DATE REPORTED: Aug 26, 2013		SAMPLE TYPE: Rock
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-GRAV ppm 5	Zn-OL % 0.01
E5395188 (4652236)		9	4980	<5		
E5395189 (4652237)		10	>10000	<5		1.72
E5395190 (4652238)		20	87.3	<5		
E5395191 (4652240)		11	2540	<5		
E5395192 (4652241)		11	3700	<5		
E5395193 (4652242)		9	3620	<5		
E5395194 (4652243)		9	5550	<5		
E5395195 (4652244)		16	58.8	<5		
E5395196 (4652246)		11	4540	<5		
E5395197 (4652247)		9	7180	<5		
E5395198 (4652248)		9	>10000	<5		1.09
E5395199 (4652249)		10	4220	<5		
E5395200 (4652250)		9	5210	<5		
E5395201 (4652251)		10	5660	<5		
E5395202 (4652252)		11	3900	<5		
E5395203 (4652254)		9	893	<5		
E5395204 (4652255)		10	452	<5		
E5395205 (4652256)		9	442	<5		
E5395206 (4652257)		6	336	<5		
E5395207 (4652258)		5	657	<5		
E5395208 (4652259)		<1	390	<5		
E5395209 (4652260)		4	75.5	<5		
E5395210 (4652262)		6	57.5	<5		
E5395211 (4652263)		6	189	<5		
E5395212 (4652264)		6	203	<5		
E5395213 (4652265)		1	172	<5		
E5395214 (4652266)		6	198	<5		
E5395215 (4652268)		17	26.6	<5		
E5395216 (4652269)		5	600	<5		
E5395217 (4652270)		9	720	<5		
E5395218 (4652271)		8	1180	<5		
E5395219 (4652272)		10	2510	<5		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 15, 2013	DATE RECEIVED: Aug 15, 2013			DATE REPORTED: Aug 26, 2013		SAMPLE TYPE: Rock
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Y ppm 1	Zn ppm 0.5	Zr ppm 5	Ag-GRAV ppm 5	Zn-OL % 0.01
E5395220 (4652273)		9	904	<5		
E5395221 (4652275)		8	727	<5		
E5395222 (4652276)		7	123	<5		
E5395223 (4652277)		8	158	<5		
E5395224 (4652278)		12	2380	<5		
E5395225 (4652279)		10	3220	<5		
E5395226 (4652280)		10	3810	<5		
E5395227 (4652282)		12	1400	<5		
E5395228 (4652283)		10	1320	<5		
E5395229 (4652284)		11	>10000	<5		1.79
E5395230 (4652285)		11	62.5	8		
E5395231 (4652286)		12	1530	<5		
E5395232 (4652287)		11	186	<5		
E5395233 (4652289)		10	193	<5		
E5395234 (4652290)		12	423	<5		
E5395235 (4652291)		18	29.9	<5		
E5395236 (4652292)		10	176	<5		
E5395237 (4652293)		10	59.1	<5		
E5395238 (4652294)		12	77.3	<5		
E5395239 (4652295)		8	88.1	<5		
E5395240 (4652297)		11	133	<5		
E5395241 (4652298)		11	281	<5		
E5395242 (4652299)		9	690	<5		
E5395243 (4652300)		8	347	<5		
E5395244 (4652301)		9	385	<5		
E5395245 (4652302)		8	139	<5		
E5395246 (4652304)		8	292	<5		
E5395247 (4652305)		3	86.4	<5		

Comments: RDL - Reported Detection Limit
 NSS: Not Sufficient Sample

Certified By:



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AGAT WORK ORDER: 13D747619

PROJECT NO:

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395060 (4652106)		2.34	0.021	
E5395061 (4652107)		2.38	0.050	
E5395062 (4652108)		2.28	0.060	
E5395063 (4652109)		2.26	0.070	
E5395064 (4652110)		2.20	0.192	
E5395065 (4652111)		2.16	0.323	
E5395066 (4652112)		2.32	1.13	
E5395067 (4652113)		3.66	0.210	
E5395068 (4652114)		1.52	1.14	
E5395069 (4652115)		1.78	0.497	
E5395070 (4652116)		0.10	0.008	
E5395071 (4652117)		2.30	0.240	
E5395072 (4652118)		2.28	0.153	
E5395073 (4652119)		2.30	1.38	
E5395074 (4652120)		2.20	0.226	
E5395075 (4652121)		1.32	0.005	
E5395076 (4652122)		2.34	0.582	
E5395077 (4652123)		2.26	0.364	
E5395078 (4652124)		2.38	0.612	
E5395079 (4652125)		2.22	0.873	
E5395080 (4652126)		2.32	0.119	
E5395081 (4652127)		2.48	0.199	
E5395082 (4652128)		2.40	0.437	
E5395083 (4652129)		2.34	0.127	
E5395084 (4652130)		2.30	0.178	
E5395085 (4652131)		2.48	0.332	
E5395086 (4652132)		2.78	0.371	
E5395087 (4652133)		2.14	1.04	
E5395088 (4652134)		2.28	0.594	
E5395089 (4652135)		2.46	0.546	
E5395090 (4652136)		0.10	4.66	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395091 (4652137)		2.54	4.12	
E5395092 (4652138)		2.14	>10	12.0
E5395093 (4652140)		2.44	>10	28.0
E5395094 (4652141)		2.52	>10	13.8
E5395095 (4652142)		1.98	0.080	
E5395096 (4652143)		2.66	>10	35.1
E5395097 (4652144)		2.36	>10	11.4
E5395098 (4652145)		1.82	>10	86.4
E5395099 (4652146)		1.56	>10	21.4
E5395100 (4652147)		2.44	4.49	
E5395101 (4652148)		2.52	>10	25.3
E5395102 (4652149)		2.42	6.03	
E5395103 (4652150)		2.50	>10	20.8
E5395104 (4652151)		1.80	>10	30.2
E5395105 (4652152)		0.80	>10	12.3
E5395106 (4652153)		2.16	6.38	
E5395107 (4652154)		2.10	8.96	
E5395108 (4652155)		2.48	3.98	
E5395109 (4652156)		3.16	4.24	
E5395110 (4652157)		0.10	4.82	
E5395111 (4652158)		2.66	1.87	
E5395112 (4652159)		2.50	1.81	
E5395113 (4652160)		2.56	4.13	
E5395114 (4652161)		2.26	6.06	
E5395115 (4652162)		1.60	0.008	
E5395116 (4652163)		2.32	2.84	
E5395117 (4652164)		2.50	1.37	
E5395118 (4652165)		2.32	0.434	
E5395119 (4652166)		2.58	0.423	
E5395120 (4652167)		2.52	1.24	
E5395121 (4652168)		2.42	0.380	

Certified By:



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AGAT WORK ORDER: 13D747619

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395122 (4652169)		1.94	0.133	
E5395123 (4652170)		2.46	0.115	
E5395124 (4652171)		2.52	0.117	
E5395125 (4652172)		2.42	0.378	
E5395126 (4652173)		2.42	0.156	
E5395127 (4652174)		2.46	0.104	
E5395128 (4652175)		2.40	0.146	
E5395129 (4652176)		2.40	0.143	
E5395130 (4652177)		0.80	1.65	
E5395131 (4652178)		2.38	0.106	
E5395132 (4652179)		2.38	0.117	
E5395133 (4652180)		2.44	0.410	
E5395134 (4652181)		2.36	4.50	
E5395135 (4652182)		1.46	0.005	
E5395136 (4652183)		2.28	0.128	
E5395137 (4652184)		2.44	1.20	
E5395138 (4652185)		2.62	1.66	
E5395139 (4652186)		2.40	1.41	
E5395140 (4652187)		2.44	0.633	
E5395141 (4652188)		2.42	0.427	
E5395142 (4652189)		2.04	0.567	
E5395143 (4652190)		2.44	1.09	
E5395144 (4652191)		2.40	0.492	
E5395145 (4652192)		2.20	0.277	
E5395146 (4652193)		2.48	0.381	
E5395147 (4652194)		2.22	0.550	
E5395148 (4652195)		2.20	0.029	
E5395149 (4652196)		2.10	0.090	
E5395150 (4652197)		0.08	0.004	
E5395151 (4652198)		2.20	0.034	
E5395152 (4652199)		2.38	0.058	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395153 (4652200)		2.14	0.035	
E5395154 (4652201)		1.92	0.018	
E5395155 (4652202)		1.34	0.001	
E5395156 (4652203)		2.18	0.020	
E5395157 (4652204)		1.86	0.057	
E5395158 (4652205)		2.40	0.776	
E5395159 (4652206)		2.30	0.230	
E5395160 (4652207)		2.28	0.495	
E5395161 (4652208)		2.24	0.310	
E5395162 (4652209)		2.30	0.540	
E5395163 (4652210)		1.74	0.922	
E5395164 (4652211)		2.84	1.31	
E5395165 (4652212)		2.34	1.24	
E5395166 (4652213)		2.34	0.709	
E5395167 (4652214)		2.58	2.73	
E5395168 (4652215)		1.04	4.93	
E5395169 (4652216)		0.86	>10	13.2
E5395170 (4652217)		0.08	4.73	
E5395171 (4652218)		2.86	1.91	
E5395172 (4652219)		2.38	0.588	
E5395173 (4652220)		2.42	1.02	
E5395174 (4652221)		2.28	0.419	
E5395175 (4652222)		1.78	0.005	
E5395176 (4652223)		2.26	0.152	
E5395177 (4652224)		2.36	0.581	
E5395178 (4652225)		2.36	0.671	
E5395179 (4652226)		2.66	1.39	
E5395180 (4652227)		1.36	4.74	
E5395181 (4652228)		2.42	0.165	
E5395182 (4652229)		2.38	0.524	
E5395183 (4652230)		2.40	0.481	

Certified By:



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AGAT WORK ORDER: 13D747619

PROJECT NO:

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395184 (4652231)		2.46	1.27	
E5395185 (4652233)		2.38	0.830	
E5395186 (4652234)		2.48	1.02	
E5395187 (4652235)		2.54	>10	28.4
E5395188 (4652236)		2.40	0.697	
E5395189 (4652237)		2.26	0.303	
E5395190 (4652238)		0.08	0.003	
E5395191 (4652240)		2.32	0.186	
E5395192 (4652241)		2.24	0.369	
E5395193 (4652242)		2.46	0.178	
E5395194 (4652243)		2.40	0.403	
E5395195 (4652244)		1.16	0.004	
E5395196 (4652246)		2.30	0.269	
E5395197 (4652247)		1.88	0.568	
E5395198 (4652248)		2.46	1.32	
E5395199 (4652249)		2.28	2.29	
E5395200 (4652250)		2.58	1.81	
E5395201 (4652251)		2.34	2.30	
E5395202 (4652252)		2.38	1.90	
E5395203 (4652254)		2.46	1.14	
E5395204 (4652255)		2.34	0.467	
E5395205 (4652256)		2.68	0.671	
E5395206 (4652257)		1.74	5.19	
E5395207 (4652258)		1.58	>10	44.2
E5395208 (4652259)		3.12	>10	55.6
E5395209 (4652260)		2.64	>10	43.3
E5395210 (4652262)		0.08	4.59	
E5395211 (4652263)		2.58	>10	10.8
E5395212 (4652264)		2.24	>10	30.0
E5395213 (4652265)		2.54	>10	38.0
E5395214 (4652266)		3.26	>10	20.0

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

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 FAX (905)501-0589
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Au-Grav g/t
E5395215 (4652268)		1.66	0.009	
E5395216 (4652269)		1.94	>10	25.7
E5395217 (4652270)		2.44	0.786	
E5395218 (4652271)		2.12	0.431	
E5395219 (4652272)		2.36	0.868	
E5395220 (4652273)		2.52	1.16	
E5395221 (4652275)		2.32	1.44	
E5395222 (4652276)		2.70	>10	21.3
E5395223 (4652277)		2.30	5.98	
E5395224 (4652278)		2.14	3.74	
E5395225 (4652279)		2.48	2.70	
E5395226 (4652280)		2.52	0.548	
E5395227 (4652282)		1.42	0.401	
E5395228 (4652283)		2.26	0.831	
E5395229 (4652284)		2.16	5.11	
E5395230 (4652285)		0.08	1.64	
E5395231 (4652286)		2.40	1.03	
E5395232 (4652287)		2.32	0.151	
E5395233 (4652289)		2.02	0.476	
E5395234 (4652290)		2.08	0.100	
E5395235 (4652291)		1.60	0.011	
E5395236 (4652292)		2.26	0.418	
E5395237 (4652293)		2.40	0.340	
E5395238 (4652294)		1.94	0.174	
E5395239 (4652295)		2.46	0.104	
E5395240 (4652297)		2.26	0.143	
E5395241 (4652298)		2.58	0.387	
E5395242 (4652299)		2.46	0.064	
E5395243 (4652300)		2.38	0.052	
E5395244 (4652301)		2.22	0.385	
E5395245 (4652302)		2.26	0.122	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Au	Au-Grav
	Unit:	kg	ppm	g/t
	RDL:	0.01	0.001	0.05
E5395246 (4652304)		2.72	0.075	
E5395247 (4652305)		2.44	0.116	

Comments: RDL - Reported Detection Limit
 NSS: Not Sufficient Sample

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395060 (4652106)		2.72
E5395061 (4652107)		2.81
E5395062 (4652108)		2.71
E5395063 (4652109)		2.77
E5395064 (4652110)		2.83
E5395065 (4652111)		2.74
E5395066 (4652112)		2.75
E5395067 (4652113)		2.75
E5395068 (4652114)		2.85
E5395069 (4652115)		2.87
E5395070 (4652116)		NSS
E5395071 (4652117)		2.71
E5395072 (4652118)		2.70
E5395073 (4652119)		2.82
E5395074 (4652120)		2.84
E5395075 (4652121)		2.63
E5395076 (4652122)		2.70
E5395077 (4652123)		2.78
E5395078 (4652124)		2.80
E5395079 (4652125)		2.84
E5395080 (4652126)		2.82
E5395081 (4652127)		2.71
E5395082 (4652128)		2.80
E5395083 (4652129)		2.82
E5395084 (4652130)		2.84
E5395085 (4652131)		2.91
E5395086 (4652132)		2.82
E5395087 (4652133)		2.95
E5395088 (4652134)		2.93
E5395089 (4652135)		2.94
E5395090 (4652136)		2.88
E5395091 (4652137)		3.02

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395092 (4652138)		3.01
E5395093 (4652140)		3.05
E5395094 (4652141)		3.01
E5395095 (4652142)		2.65
E5395096 (4652143)		3.20
E5395097 (4652144)		3.05
E5395098 (4652145)		4.39
E5395099 (4652146)		3.22
E5395100 (4652147)		3.08
E5395101 (4652148)		3.12
E5395102 (4652149)		3.13
E5395103 (4652150)		2.99
E5395104 (4652151)		3.09
E5395105 (4652152)		4.07
E5395106 (4652153)		3.10
E5395107 (4652154)		3.25
E5395108 (4652155)		3.16
E5395109 (4652156)		3.03
E5395110 (4652157)		2.82
E5395111 (4652158)		3.06
E5395112 (4652159)		2.81
E5395113 (4652160)		2.99
E5395114 (4652161)		3.04
E5395115 (4652162)		2.65
E5395116 (4652163)		2.98
E5395117 (4652164)		2.92
E5395118 (4652165)		2.85
E5395119 (4652166)		2.97
E5395120 (4652167)		2.96
E5395121 (4652168)		2.92
E5395122 (4652169)		2.88
E5395123 (4652170)		2.95

Certified By:



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ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395124 (4652171)		2.95
E5395125 (4652172)		2.90
E5395126 (4652173)		2.83
E5395127 (4652174)		2.87
E5395128 (4652175)		2.90
E5395129 (4652176)		2.95
E5395130 (4652177)		3.05
E5395131 (4652178)		2.84
E5395132 (4652179)		2.83
E5395133 (4652180)		2.96
E5395134 (4652181)		3.01
E5395135 (4652182)		2.62
E5395136 (4652183)		2.84
E5395137 (4652184)		3.07
E5395138 (4652185)		2.98
E5395139 (4652186)		2.96
E5395140 (4652187)		2.86
E5395141 (4652188)		2.94
E5395142 (4652189)		2.92
E5395143 (4652190)		2.95
E5395144 (4652191)		2.85
E5395145 (4652192)		2.82
E5395146 (4652193)		2.96
E5395147 (4652194)		2.86
E5395148 (4652195)		2.77
E5395149 (4652196)		2.77
E5395150 (4652197)		2.73
E5395151 (4652198)		2.83
E5395152 (4652199)		2.86
E5395153 (4652200)		2.77
E5395154 (4652201)		2.82
E5395155 (4652202)		2.59

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

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ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395156 (4652203)		2.76
E5395157 (4652204)		2.94
E5395158 (4652205)		2.80
E5395159 (4652206)		2.79
E5395160 (4652207)		2.76
E5395161 (4652208)		2.83
E5395162 (4652209)		2.77
E5395163 (4652210)		2.72
E5395164 (4652211)		2.98
E5395165 (4652212)		2.96
E5395166 (4652213)		2.86
E5395167 (4652214)		2.89
E5395168 (4652215)		2.85
E5395169 (4652216)		3.78
E5395170 (4652217)		2.73
E5395171 (4652218)		2.93
E5395172 (4652219)		2.73
E5395173 (4652220)		2.74
E5395174 (4652221)		2.80
E5395175 (4652222)		2.60
E5395176 (4652223)		2.78
E5395177 (4652224)		2.68
E5395178 (4652225)		2.69
E5395179 (4652226)		2.86
E5395180 (4652227)		2.89
E5395181 (4652228)		2.77
E5395182 (4652229)		2.69
E5395183 (4652230)		2.66
E5395184 (4652231)		2.87
E5395185 (4652233)		2.88
E5395186 (4652234)		2.86
E5395187 (4652235)		2.87

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395188 (4652236)		2.84
E5395189 (4652237)		2.81
E5395190 (4652238)		2.67
E5395191 (4652240)		2.73
E5395192 (4652241)		2.76
E5395193 (4652242)		2.82
E5395194 (4652243)		2.77
E5395195 (4652244)		2.48
E5395196 (4652246)		2.76
E5395197 (4652247)		2.81
E5395198 (4652248)		2.88
E5395199 (4652249)		2.81
E5395200 (4652250)		2.71
E5395201 (4652251)		2.80
E5395202 (4652252)		2.82
E5395203 (4652254)		2.91
E5395204 (4652255)		2.84
E5395205 (4652256)		2.73
E5395206 (4652257)		2.75
E5395207 (4652258)		2.94
E5395208 (4652259)		4.43
E5395209 (4652260)		3.10
E5395210 (4652262)		2.60
E5395211 (4652263)		2.89
E5395212 (4652264)		2.95
E5395213 (4652265)		3.75
E5395214 (4652266)		2.76
E5395215 (4652268)		2.54
E5395216 (4652269)		3.22
E5395217 (4652270)		2.84
E5395218 (4652271)		2.71
E5395219 (4652272)		2.71

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 13D747619

PROJECT NO:

5623 McADAM ROAD
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CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Miscellaneous Techniques - Specific Gravity (201049)

DATE SAMPLED: Aug 15, 2013

DATE RECEIVED: Aug 15, 2013

DATE REPORTED: Aug 26, 2013

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Specific Gravity g/cm3 0.01
E5395220 (4652273)		2.81
E5395221 (4652275)		2.95
E5395222 (4652276)		2.98
E5395223 (4652277)		2.79
E5395224 (4652278)		2.75
E5395225 (4652279)		2.83
E5395226 (4652280)		2.91
E5395227 (4652282)		2.84
E5395228 (4652283)		2.76
E5395229 (4652284)		2.85
E5395230 (4652285)		2.95
E5395231 (4652286)		2.94
E5395232 (4652287)		2.80
E5395233 (4652289)		2.80
E5395234 (4652290)		2.71
E5395235 (4652291)		2.58
E5395236 (4652292)		2.87
E5395237 (4652293)		2.68
E5395238 (4652294)		2.76
E5395239 (4652295)		2.91
E5395240 (4652297)		2.83
E5395241 (4652298)		2.79
E5395242 (4652299)		2.65
E5395243 (4652300)		2.73
E5395244 (4652301)		2.87
E5395245 (4652302)		2.76
E5395246 (4652304)		2.76
E5395247 (4652305)		2.72

Comments: RDL - Reported Detection Limit
 NSS: Not Sufficient Sample

Certified By:



CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	4652107	< 0.2	< 0.2	0.0%	4652125	1.1	1.4	24.0%	4652144	85.4	105	20.6%	4652250	8.8	9.6	8.7%
Al	4652107	1.49	1.49	0.0%	4652125	2.16	2.27	5.0%	4652144	0.832	0.723	14.0%	4652250	1.49	1.58	5.9%
As	4652107	107	108	0.9%	4652125	37	30	20.9%	4652144	386	371	4.0%	4652158	443	375	16.6%
B	4652107	93	88	5.5%	4652125	< 5	< 5	0.0%	4652234	< 5	< 5	0.0%	4652250	8	6	28.6%
Ba	4652107	77	85	9.9%	4652225	48	40	18.2%	4652234	31	27	13.8%	4652250	60	80	28.6%
Be	4652107	< 0.5	< 0.5	0.0%	4652125	< 0.5	< 0.5	0.0%	4652144	< 0.5	< 0.5	0.0%	4652158	0.5	0.4	22.2%
Bi	4652107	< 1	< 1	0.0%	4652125	< 1	< 1	0.0%	4652144	5	5	0.0%	4652250	< 1	< 1	0.0%
Ca	4652107	0.67	0.66	1.5%	4652125	0.872	0.946	8.1%	4652144	0.52	0.49	5.9%	4652250	0.549	0.586	6.5%
Cd	4652107	< 0.5	< 0.5	0.0%	4652125	< 0.5	< 0.5	0.0%	4652144	2.2	2.2	0.0%	4652158	131	120	8.8%
Ce	4652107	6	6	0.0%	4652125	5	6	18.2%	4652144	18	14	25.0%	4652250	10	11	9.5%
Co	4652107	15.7	16.5	5.0%	4652125	13.6	13.0	4.5%	4652144	18.1	17.7	2.2%	4652158	16.6	15.0	10.1%
Cr	4652107	10.8	10.8	0.0%	4652125	18.0	19.8	9.5%	4652144	2.72	2.04	28.6%	4652250	10.1	10.1	0.0%
Cu	4652107	94.8	98.0	3.3%	4652125	156	155	0.6%	4652144	135	132	2.2%	4652158	622	548	12.6%
Fe	4652107	6.27	6.29	0.3%	4652125	8.72	8.74	0.2%	4652144	8.79	8.27	6.1%	4652158	8.77	7.65	13.6%
Ga	4652107	9	11	20.0%	4652125	12	12	0.0%	4652144	5	6	18.2%	4652158	12	10	18.2%
Hg	4652208	< 1	< 1	0.0%	4652125	< 1	< 1	0.0%	4652144	< 1	< 1	0.0%	4652158	< 1	< 1	0.0%
In	4652107	< 1	< 1	0.0%	4652125	< 1	< 1	0.0%	4652144	< 1	< 1	0.0%	4652158	< 1	< 1	0.0%
K	4652107	0.210	0.203	3.4%	4652125	0.23	0.27	16.0%	4652144	0.53	0.47	12.0%	4652250	0.183	0.203	10.4%
La	4652107	2	2	0.0%	4652125	3	4	28.6%	4652144	9	7	25.0%	4652158	8	6	28.6%
Li	4652107	29	29	0.0%	4652125	37	38	2.7%	4652234	9	8	11.8%	4652158	14	12	15.4%
Mg	4652107	1.61	1.63	1.2%	4652125	2.32	2.33	0.4%	4652144	0.045	0.040	11.8%	4652158	0.696	0.582	17.8%
Mn	4652107	491	479	2.5%	4652125	404	405	0.2%	4652144	84	79	6.1%	4652158	386	338	13.3%
Mo	4652107	3.0	3.2	6.5%	4652125	1.10	0.83	28.0%	4652144	1.2	1.2	0.0%	4652250	1.5	1.2	22.2%
Na	4652107	0.04	0.04	0.0%	4652125	0.04	0.04	0.0%	4652144	< 0.01	< 0.01	0.0%	4652158	0.01	0.01	0.0%
Ni	4652107	9.0	9.2	2.2%	4652125	9.98	9.69	2.9%	4652144	11.4	10.9	4.5%	4652158	9.27	8.30	11.0%
P	4652107	1540	1460	5.3%	4652125	1690	1710	1.2%	4652144	1810	1740	3.9%	4652158	1580	1380	13.5%
Pb	4652107	55.1	55.0	0.2%	4652125	41.5	43.0	3.6%	4652144	68.8	66.7	3.1%	4652158	118	103	13.6%
Rb	4652107	19	19	0.0%	4652125	18	21	15.4%	4652144	26	25	3.9%	4652250	14	16	13.3%
S	4652107	3.86	3.75	2.9%	4652125	5.17	5.11	1.2%	4652144	9.63	9.44	2.0%	4652158	9.17	8.23	10.8%
Sb	4652107	6	7	15.4%	4652125	10	10	0.0%	4652144	70	68	2.9%	4652158	146	118	21.2%
Sc	4652107	9.36	8.87	5.4%	4652125	10.4	12.9	21.5%	4652144	4.2	3.7	12.7%	4652250	7.7	8.3	7.5%



CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Se	4652107	< 10	< 10	0.0%	4652225	21	23	9.1%	4652144	21	19	10.0%	4652158	25	21	17.4%
Sn	4652107	12	11	8.7%	4652125	10	12	18.2%	4652144	< 5	< 5	0.0%	4652158	8	6	28.6%
Sr	4652107	18.0	17.9	0.6%	4652125	23.2	24.8	6.7%	4652144	17.1	15.8	7.9%	4652158	25.8	19.8	26.3%
Ta	4652107	< 10	< 10	0.0%	4652125	< 10	< 10	0.0%	4652144	< 10	< 10	0.0%	4652158	< 10	< 10	0.0%
Te	4652107	< 10	< 10	0.0%	4652125	< 10	< 10	0.0%	4652144	77	81	5.1%	4652250	22	17	25.6%
Th	4652107	< 5	< 5	0.0%	4652125	< 5	< 5	0.0%	4652144	< 5	< 5	0.0%	4652158	< 5	< 5	0.0%
Ti	4652107	0.161	0.133	19.0%	4652125	0.102	0.137	29.3%	4652234	0.01	0.01	0.0%	4652250	0.06	0.07	15.4%
Tl	4652107	< 5	< 5	0.0%	4652125	< 5	< 5	0.0%	4652144	< 5	< 5	0.0%	4652158	< 5	< 5	0.0%
U	4652107	< 5	< 5	0.0%	4652125	< 5	< 5	0.0%	4652144	< 5	< 5	0.0%	4652158	< 5	< 5	0.0%
V	4652107	149	151	1.3%	4652125	164	174	5.9%	4652144	30.9	27.7	10.9%	4652250	121	127	4.8%
W	4652107	4	3	28.6%	4652304	4	4	0.0%	4652234	3	3	0.0%	4652250	3	3	0.0%
Y	4652107	8	8	0.0%	4652125	10	11	9.5%	4652144	7	6	15.4%	4652250	9	10	10.5%
Zn	4652107	29.5	29.7	0.7%	4652125	47.3	46.1	2.6%	4652144	339	319	6.1%	4652158	10500	9420	10.8%
Zr	4652107	< 5	< 5	0.0%	4652125	< 5	< 5	0.0%	4652144	< 5	< 5	0.0%	4652158	< 5	< 5	0.0%

Parameter	REPLICATE #5				REPLICATE #6											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	4652173	2.1	2.4	13.3%	4652188	3.20	3.29	2.8%								
Al	4652173	2.31	1.97	15.9%	4652188	1.80	2.22	20.9%								
As	4652173	101	94	7.2%	4652188	396	456	14.1%								
B	4652173	78	65	18.2%	4652188	26	35	29.5%								
Ba	4652173	47	32		4652188	49	67	31.0%								
Be	4652173	< 0.5	< 0.5	0.0%	4652188	< 0.5	< 0.5	0.0%								
Bi	4652173	< 1	< 1	0.0%	4652188	< 1	< 1	0.0%								
Ca	4652173	0.648	0.542	17.8%	4652188	0.662	0.746	11.9%								
Cd	4652173	22.7	21.9	3.6%	4652188	1.52	1.70	11.2%								
Ce	4652173	18	14	25.0%	4652188	14	17	19.4%								
Co	4652173	17.4	17.0	2.3%	4652188	18.3	19.2	4.8%								
Cr	4652173	12.2	10.9	11.3%	4652188	22.0	25.6	15.1%								
Cu	4652173	154	144	6.7%	4652188	313	331	5.6%								
Fe	4652173	6.17	5.70	7.9%	4652188	6.13	6.43	4.8%								
Ga	4652173	11	10	9.5%	4652188	10	11	9.5%								
Hg	4652173	< 1	< 1	0.0%	4652188	< 1	< 1	0.0%								
In	4652173	< 1	< 1	0.0%	4652188	< 1	< 1	0.0%								
K	4652173	0.40	0.37	7.8%	4652188	0.50	0.69									



CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

La	4652173	9	7	25.0%	4652188	7	9	25.0%								
Li	4652173	41	38	7.6%	4652188	28	31	10.2%								
Mg	4652173	2.52	2.36	6.6%	4652188	1.45	1.57	7.9%								
Mn	4652173	344	298	14.3%	4652188	147	164	10.9%								
Mo	4652173	0.9	0.9	0.0%	4652188	2.1	2.2	4.7%								
Na	4652173	0.02	0.02	0.0%	4652188	0.021	0.026	21.3%								
Ni	4652173	10.1	9.51	6.0%	4652188	10.8	11.4	5.4%								
P	4652173	1830	1720	6.2%	4652188	1790	1940	8.0%								
Pb	4652173	38.8	34.7	11.2%	4652188	38.1	44.5	15.5%								
Rb	4652173	35	22		4652188	46	65									
S	4652173	5.21	4.86	7.0%	4652188	5.81	6.14	5.5%								
Sb	4652173	10	10	0.0%	4652188	199	224	11.8%								
Sc	4652173	12.8	8.5		4652188	9.1	12.5									
Se	4652173	14	< 10		4652188	15	19	23.5%								
Sn	4652173	10	7		4652188	9	11	20.0%								
Sr	4652173	44.2	38.5	13.8%	4652188	48.8	56.4	14.4%								
Ta	4652173	< 10	< 10	0.0%	4652188	< 10	< 10	0.0%								
Te	4652173	< 10	< 10	0.0%	4652188	< 10	< 10	0.0%								
Th	4652173	< 5	< 5	0.0%	4652188	< 5	< 5	0.0%								
Ti	4652173	0.12	0.10	18.2%	4652188	0.10	0.13	26.1%								
Tl	4652173	< 5	< 5	0.0%	4652188	< 5	< 5	0.0%								
U	4652173	< 5	< 5	0.0%	4652188	< 5	< 5	0.0%								
V	4652173	146	124	16.3%	4652188	101	126	22.0%								
W	4652173	3	3	0.0%	4652188	4	5	22.2%								
Y	4652173	12	10	18.2%	4652188	11	12	8.7%								
Zn	4652173	1990	1880	5.7%	4652188	332	344	3.6%								
Zr	4652173	< 5	< 5	0.0%	4652188	< 5	< 5	0.0%								

Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4652107	0.050	0.033		4652120	0.226	0.234	3.5%	4652132	0.371	0.370	0.3%	4652146	19.3	21.6	11.2%
Parameter	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4652158	1.87	1.86	0.5%	4652170	0.115	0.132	13.8%	4652183	0.128	0.130	1.6%	4652195	0.0292	0.0335	13.7%



CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

	REPLICATE #9				REPLICATE #10				REPLICATE #11				REPLICATE #12			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	4652208	0.310	0.276	11.6%	4652221	0.419	0.427	1.9%	4652234	1.02	1.04	1.9%	4652249	2.29	2.27	0.9%
	REPLICATE #13				REPLICATE #14				REPLICATE #15							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	4652263	10.8	10.2	5.7%	4652277	5.98	6.01	0.5%	4652292	0.418	0.451	7.6%				



CLIENT NAME: BANKS ISLAND GOLD LTD.

ATTENTION TO: DIRK MECKERT

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

Parameter	CRM #1 (CFRM-100)				CRM #2 (CFRM-100)				CRM #3 (CFRM-100)				CRM #4 (CFRM-100)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	170	92%	90% - 110%	184	166	90%	90% - 110%	184	168	92%	90% - 110%	184	169	92%	90% - 110%
Cu	3494	3390	97%	90% - 110%	3494	3319	95%	90% - 110%	3494	3674	105%	90% - 110%	3494	3644	104%	90% - 110%
Ni	2985	2689	90%	90% - 110%	2985	2670	89%	90% - 110%	2985	2772	93%	90% - 110%	2985	2762	93%	90% - 110%
Parameter	CRM #5 (CFRM-100)				CRM #6 (CFRM-100)				CRM #7 (CFRM-100)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	184	167	90%	90% - 110%	184	168	91%	90% - 110%	184	165	90%	90% - 110%				
Cu	3494	3322	95%	90% - 110%	3494	3205	92%	90% - 110%	3494	3235	93%	90% - 110%				
Ni	2985	2689	90%	90% - 110%	2985	2689	90%	90% - 110%								

Fire Assay - Trace Au, ICP-OES finish (202052)

Parameter	CRM #1 (CM14)				CRM #2 (1P5F)				CRM #3 (GS7E)				CRM #4 (CM14)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.792	0.722	91%	90% - 110%	1.40	1.3	92%	90% - 110%	7.4	7.1	96%	90% - 110%	0.792	0.787	99%	90% - 110%
Parameter	CRM #5 (1P5F)				CRM #6 (GS7E)				CRM #7 (CM14)				CRM #8 (1P5F)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	1.40	1.31	94%	90% - 110%	7.4	7.2	97%	90% - 110%	0.792	0.723	91%	90% - 110%	1.40	1.26	90%	90% - 110%
Parameter	CRM #9 (GS7E)				CRM #10 (CM14)				CRM #11 (1P5F)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	7.4	7.2	97%	90% - 110%	0.792	0.774	98%	90% - 110%	1.40	1.27	90%	90% - 110%				

Method Summary

CLIENT NAME: BANKS ISLAND GOLD LTD.

AGAT WORK ORDER: 13D747619

PROJECT NO:

ATTENTION TO: DIRK MECKERT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Ag-GRAV	MIN-200-12006		GRAVIMETRIC
Zn-OL	MIN-200-12032		AA
Sample Login Weight	MIN-12009		BALANCE



Method Summary

CLIENT NAME: BANKS ISLAND GOLD LTD.

AGAT WORK ORDER: 13D747619

PROJECT NO:

ATTENTION TO: DIRK MECKERT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES
Au-Grav Specific Gravity	MIN-200-12024	ASTM D5550-06	GRAVIMETRIC Pychnometer