ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2011 Assessment Report on Prospecting and Geochemical Analysis of Rock Samples

TOTAL COST:$12,641.82

AUTHOR(S): Andrew Fox, David Lentz, Kristy-Lee Beal
SIGNATURE(S): Kristy-Lee Beal

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5014903/Sept 22, 2011

YEAR OF WORK:2011

PROPERTY NAME: Quinn Eskay Property

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

Quinn Eskay

COMMODITIES SOUGHT: Au, Ag, and base-metals

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Skeena
NTS / BCGS:104B
LATITUDE: _____56_____° ____17_____' ____13_____"
LONGITUDE: _____130_____° _____27_____' ____7_____" (at centre of work)
UTM Zone: UTM Nad 83z.9N EASTING: 409934 NORTHING: 6238803

OWNER(S): Cache Minerals Inc.

MAILING ADDRESS:
Suite G-19, 350 Wellington St. Toronto, Ontario, M5V 3W9

OPERATOR(S) [who paid for the work]: Cache Exploration Inc.

MAILING ADDRESS:
Suite G-19, 350 Wellington St. Toronto, Ontario, M5V 3W9

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Coast Plutonic Complex, Stuhini Group, Clara Smith Glacier

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	21	834212, 834210	834208, 834206	1246.95
Other				
DRILLING (total metres, number of holes, size, storage location)				
Core				
Non-core				
RELATED TECHNICAL				
Sampling / Assaying				
Petrographic				
Mineralographic				
Metallurgic				
PROSPECTING (scale/area)	0.54km^2 total	834212, 834210	834208, 834206	7371.87
PREPATORY / PHYSICAL				
Line/grid (km)				
Topo/Photogrammetric (scale, area)				
Legal Surveys (scale, area)				
Road, local access (km)/trail				
Trench (number/metres)				
Field Support (accommodations, fuel, truck rental)				685.5
Other	Prep and report writing			3337.50
			TOTAL COST	**12641.82**

2011 Assessment Report

on

Prospecting and Geochemical Analysis of Rock samples

Quinn Eskay Property

License Number 5014903
Claims 834206, 834208, 534210, 834212

NTS 104B
Skeena Mining Division

Latitude 56°17’13
Longitude 130°27’7

By

Andrew Fox, BSc
Dave Lentz, Ph.D, P.Geo
Kristy Lee-Beal, BSc.

Cache Minerals Inc.
December, 2011

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Summary

The following Report of Work summarizes the exploration performed during the 2011 exploration program on the Quinn Eskay Property northwest of Stewart, BC. Work performed included prospecting and rock sampling on August 2nd, 2011 where a total of 21 rock samples were collected from this property and then submitted to Activation Laboratories for instrumental neutron activation and inductively coupled plasma analysis.

The property, located only 10 km northwest of the previously producing Granduc Mine, revealed samples that were anomalous in gold and base metals. Five samples revealed values between 0.250 g/t and 0.828 g/t Au with several of these samples containing anomalous Ag (up to 10.7 ppm), Cu (up to 702 ppm), Mo (a sample with 55 ppm), and Pb (one sample with 0.17% and another sample containing >0.5% Pb).

Based on the encouraging results, a second 4-day helicopter assisted visit to the property is recommended to complete detailed mapping, sampling, and to prospect areas that remain unexplored due to time constraints in the 2011 exploration program.

Introduction

This report covers all work conducted for Cache Minerals Inc. on the Quinn Eskay Property, located in northwestern British Columbia, approximately 50 km northwest of Stewart and 10 km northwest of the previously producing Granduc Mine (Fig. 1), which is historically reported as producing 15.2 million tonnes of gold, silver, and copper ore (MINFILE Mineral Inventory 2011). The property is made up of 4 claims (Fig. 2) within the NTS sheet 104B and cover approximately 4,350 acres of ground; however, most of the claims are on a mountain covered by the Clara Smith Glacier.

Work on the property was conducted on August 2nd, 2011 to determine gold, silver, and base-metal potential of the area. A total of 21 rock samples were collected for analysis. All samples were submitted to Activation Laboratories Inc. in Stewart, BC to be pulverized using a mild steel mill before analysis by instrumental neutron activation (INAA) and inductively coupled plasma (ICP) methods at the laboratories in Ancaster, Ontario. In addition, appropriate certified standard reference materials were added to the samples for analytical accuracy purposes.

Prospecting on the property was accomplished with a group of four geologists split into two teams, to cover as much ground as possible during the brief visit to the property.

Accessibility

Due to the challenging topography of the area (Fig. 2), the Quinn Eskay Property is only accessible by helicopter. Flights were taken from Stewart, BC to the claim areas where there are sparse areas where the helicopter could land, which included terrain that is slowly being revealed as the glacier melts.

History

The Unuk River, a rough eastern boundary of the claims, was first visited in 1905 by F.E. Wright of the U.S. Geological Survey as an extension of his work on the Alaskan side of the nearby International border. The National Geochemical Reconnaissance Program of Canada completed lake/stream sediment and water sampling in the area post-1975; several samples in the Unuk River are anomalous in Pb and above background for Au. Despite the abundance of glaciers covering most of the area at higher elevation, work has been completed in all directions of Cache's claims. Exploration to the east, around the Leduc Glacier was the focus during and after the development of Granduc Mine. Approximately 0.5 km south of the properties is the Nurse Property that includes a heavily mineralized boulder trail that contained (in 9 samples) up to 4.86 g/t Au, 1013 g/t Ag, 53% Pb, and 7.2% Zn; mineralization is suggested to have originated from several phases of quartz veins seen at higher elevations. Two kilometers north of the claim group is the Doc Property that contains 426,337 tonnes of Ag (at 44.9 g/t) and Au (at 9.2 g/t). Mineralization at the Doc Property occurs mainly as quartz veining with associated galena, pyrite, hematite, and/or chalcopyrite; however, skarn-related Au mineralization has been noted (McGuigan and McKinley 2004; MINFILE Mineral Inventory 2011).

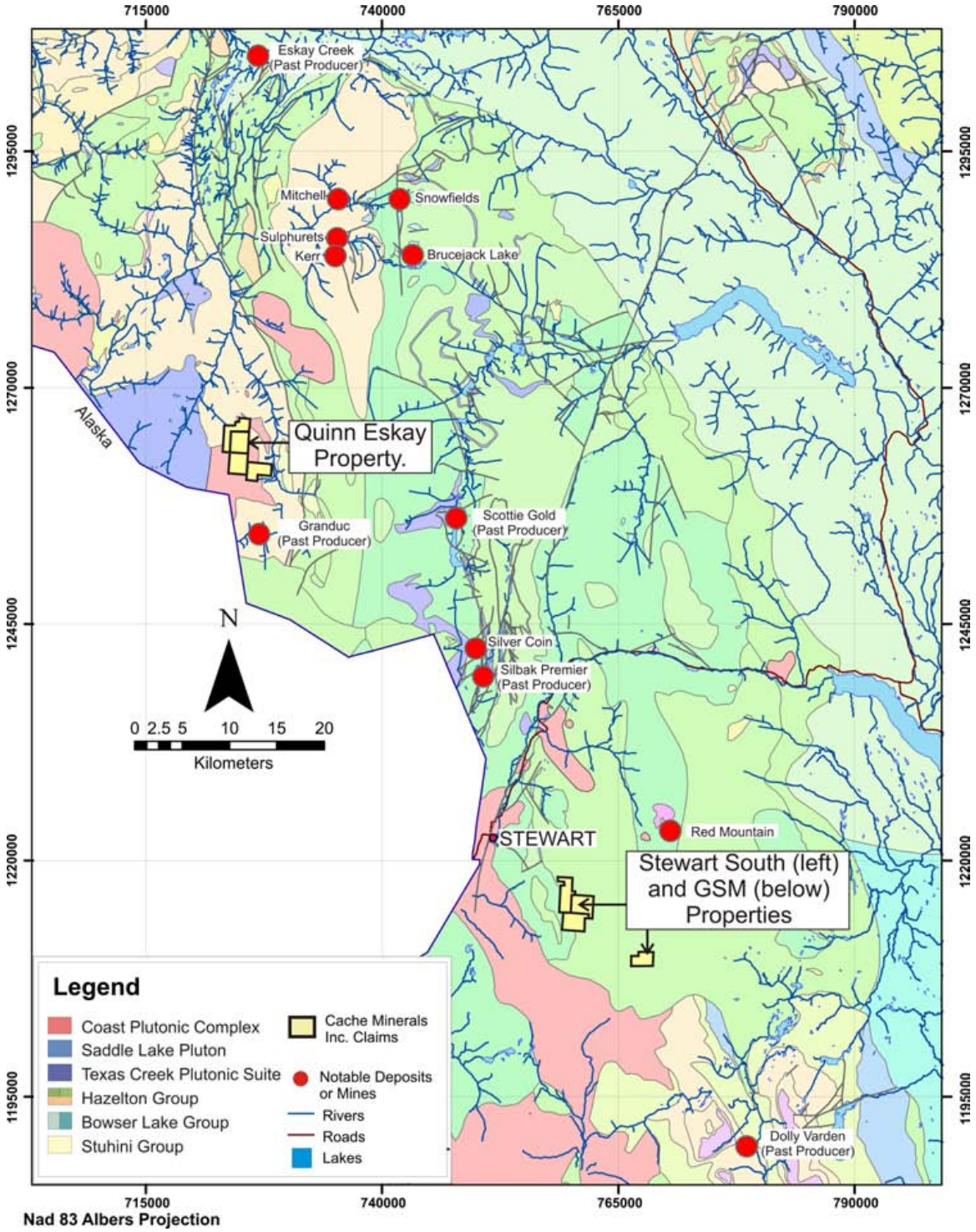

Figure 1: Location and regional geology of the Quinn Eskay Property in relation to past producers in the area and the town of Stewart, BC.

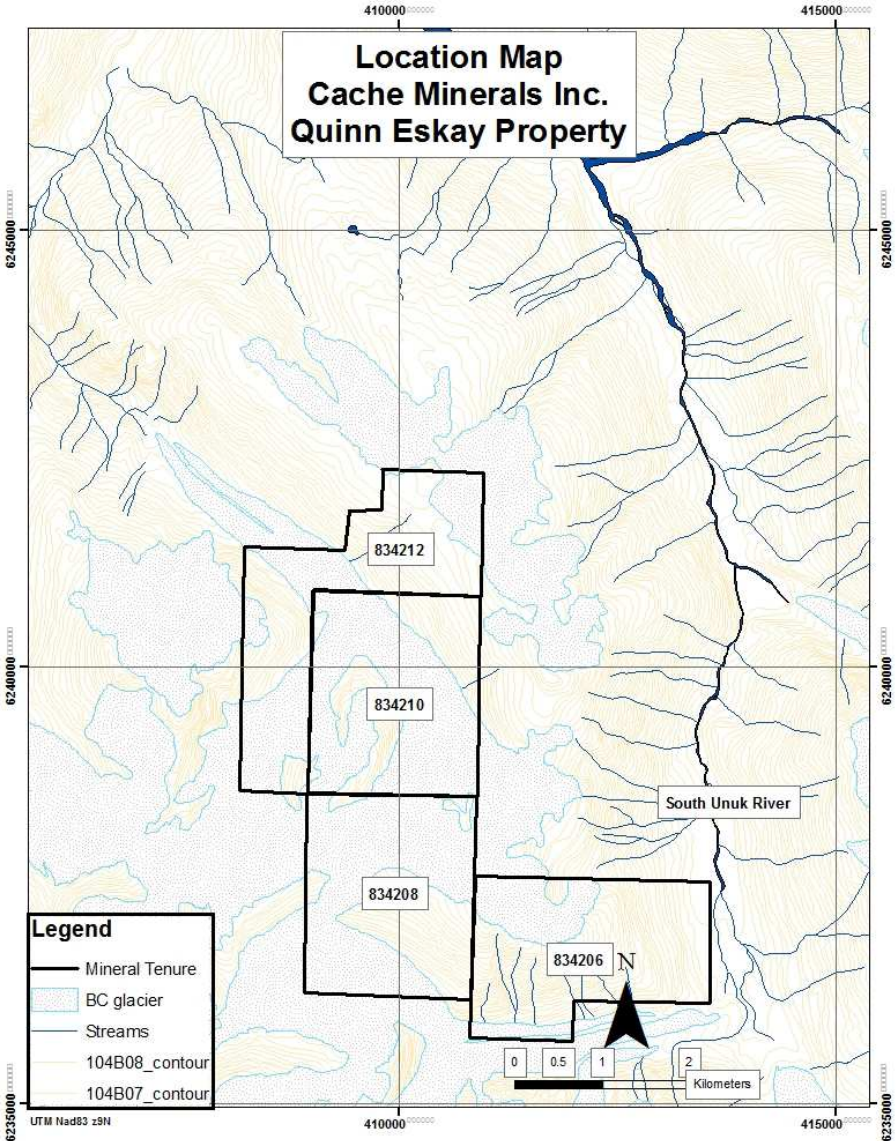

Figure 2: Claim map of the Quinn Eskay Property showing local topography.

Regional Geology

Four major assemblages are present in the region (McGuigan and McKinley 2004):

- Upper Paleozoic Stikine Assemblage
- Upper Triassic Stuhini Group
- Lower and Middle Jurassic Hazelton Group
- Middle and Upper Bower Lake Group

The Paleozoic Stikine assemblage is located northwest of the property and composed of coralline limestones and intercalated mafic to felsic flows and volcaniclastic rocks, and siliceous siltstone, turbidite, chert, and conglomerates.

The Upper Triassic Stuhini Group, which mostly dominates the property, consists of two divisions, Upper and Lower. The Lower Division is dominantly sedimentary; undifferentiated fine-grained, well bedded rocks, and coarser conglomerate layers,

whereas the Upper Division is dominantly volcanic and volcaniclastic; mafic to intermediate tuff and volcanic breccia, mafic porphyritic flows, felsic flows, and flow breccia.

The Lower to Middle Hazelton Group located to the east of property includes the Unuk River and Betty Creek formations. Primarily andesitic tuffs with black siltstone members dominate the Unuk River Formation. The Betty Creek Formation consists of interbedded tuffs, flows, and hematitic sedimentary rocks.

The Middle to Upper Jurassic Bowser Lake Group is composed of marine basin turbidites, black siltstones, fine-grained sandstones, and conglomerates (Alldrick and Britton 1992).

Within the property, the Stuhini Group is cross-cut by the granitoid batholith and stocks of the Eocene Coast Plutonic Complex that displays a range of rock types including medium- to coarse-grained biotite +/- hornblende granite and granodiorite with minor quartz diorite. The complex also includes co-genetic dyke swarms between 50 and 65 Ma.

Sampling Procedure and Preparation

In addition in making geological observations of the area, a total of 21 rock samples were collected from various areas that were visited on the Quinn Eskay Property during the one day exploration program. Figure 3 shows the locations of the acquired samples that were either collected by grab or chip sampling. The grab sampling method was used in areas that were composed of mostly talus material; however, the source was commonly local such as the gossanous zone (see results for description of zone) where most samples were grab samples of material loose on the surface as the outcrop is very rounded and difficult to break. The chip sampling method was used when outcrop was readily accessible. Samples were taken perpendicular to the areas of interest making sure to cover the host and mineralized areas. See Table 1 for geological descriptions and nature of sample.

All samples were submitted to Activation Laboratories Inc. in Stewart, British Columbia for preparation using a mild steel mill, the samples were analyzed by the instrumental neutron activation (INAA) and inductively coupled plasma (ICP) methods at the facilities in Ancaster, Ontario. Submitted with the samples was a certified standard reference material (CH-4, gold ore) to test the laboratories for accuracy of the methods. The results and accuracy measurements are available in Appendix I.

Results

One of the most geologically interesting areas encountered on the property includes a gossaniferous zone that forms a rounded ridge and has a strike length of over 300 m with a width greater than 50 m (Fig. 4a,b). The rusty surface obscures the nature of the sulphide mineralization in most areas of this outcrop although a few fresh surfaces showed that amphibolites dominate this area, with a prominent foliation that trends generally parallel to the zone and the unit seems to be well layered (para-amphibolites). The amphibolites did not appear to be generally sulfide bearing, although that was not always the case with a few samples having disseminated pyrite. Other rocks appeared to be creamy white with rare disseminated sulfides and seemed to resemble porcelainite, i.e., a very fine-grained skarn, generally dominated by wollastonite; the original protolith

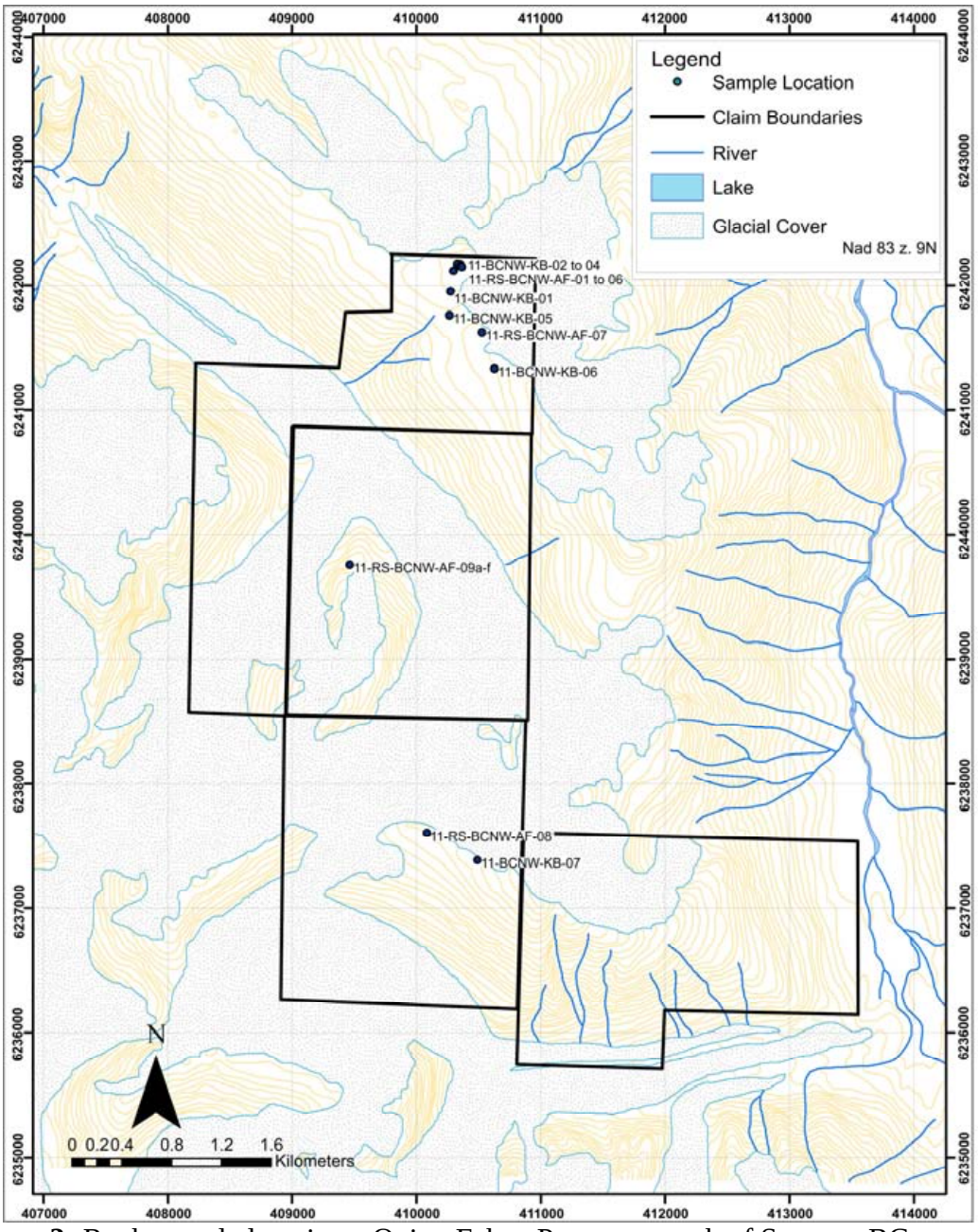

Figure 3: Rock sample locations, Quinn Eskay Property, north of Stewart, BC

Table 1: Description of samples and brief selection of elements.

Sample	Coordinates (UTM Nad 83)		Sample Type	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)	Pb (ppm)	Ni (ppm)	As (ppm)	Sb (ppm)
11-BCNW-KB-01	410274	6241952	Chip	trace sulphides in altered host rock	<2	<0.3	7	2	<3	9	3.6	1.3
11-BCNW-KB-02	410296	6242121	Grab	quartz vein float with host metasediment	160	2.8	71	2	239	4	4.1	4.3
11-BCNW-KB-03	410329	6242166	Grab	ankeritic metasediment	13	0.9	197	<1	25	14	5.2	4.7
11-BCNW-KB-04	410333	6242162	Grab	quartz vein with host melanocratic metasediment with trace sulphides	368	6.9	217	55	1710	16	481	23.3
11-BCNW-KB-05	410266	6241764	Grab	Quartzofeldpathic gneiss with ankerite/sulphide weathering	828	<0.3	51	<1	7	2	26.4	0.2
11-BCNW-KB-06	410627	6241334	Chip	Rusty melanocratic metasediment with ankerite	4	<0.3	18	1	3	8	33.8	1.8
11-BCNW-KB-07	410491	6237387	Grab	Sulphide-bearing intermediate plutonic rock with trace pyrite	3	0.3	7	<1	19	30	14.5	0.7
11-RS-BCNW-AF-01	410351	6242176	Chip	carbonate alteration with disseminated sulphides	169	7.7	702	<1	365	4	27.4	58.9
11-RS-BCNW-AF-02	410330	6242177	Chip	vein material boudinaged parallel to host schist	55	<0.3	10	<1	45	3	3.5	3.8
11-RS-BCNW-AF-03	410330	6242177	Chip	quartz vein with disseminated sulphides	9	0.7	148	<1	19	20	7.9	6.9
11-RS-BCNW-AF-04	410330	6242177	Chip	host schist with quartz vein	98	2.7	201	1	13	28	5.1	9.9
11-RS-BCNW-AF-05	410352	6242159	Grab	quartz vein material taken from talus	250	10.7	167	1	>5000	9	16.7	72.4
11-RS-BCNW-AF-06	410365	6242151	Grab	Sulphide-bearing boulder	760	3.6	17	1	101	37	3.5	7.5
11-RS-BCNW-AF-07	410528	6241628	Chip	chips taken from quartz boulders	63	1.1	3	<1	8	3	2	0.6
11-RS-BCNW-AF-08	410084	6237605	Chip	quartz veins hosted in medium-grained mesocractic tonalite	446	0.4	55	<1	16	10	2.4	0.4
11-RS-BCNW-AF-09a	409463	6239757	Chip	rusted sulphide-bearing material	9	0.3	252	<1	13	31	<0.5	0.8
11-RS-BCNW-AF-09b	409463	6239757	Chip	rusted sulphide-bearing material	23	<0.3	108	<1	7	55	<0.5	<0.1
11-RS-BCNW-AF-09c	409463	6239757	Grab	sulphide-rich boulder	26	0.3	308	<1	12	14	3	0.4
11-RS-BCNW-AF-09d	409463	6239757	Grab	actinolite, quartz-carbonate vein with host	13	<0.3	86	<1	16	37	2.3	0.6
11-RS-BCNW-AF-09e	409463	6239757	Grab	rusted sulphide-bearing material	23	0.5	428	<1	12	26	4.3	0.9
11-RS-BCNW-AF-09f	409463	6239757	Grab	rusted sulphide-bearing material	<2	0.5	248	<1	4	37	1.9	12
11-RS-BCNW-AF-10				Certified Standard - CH-4	862	2.6	2100	2	15	55	11.8	0.8

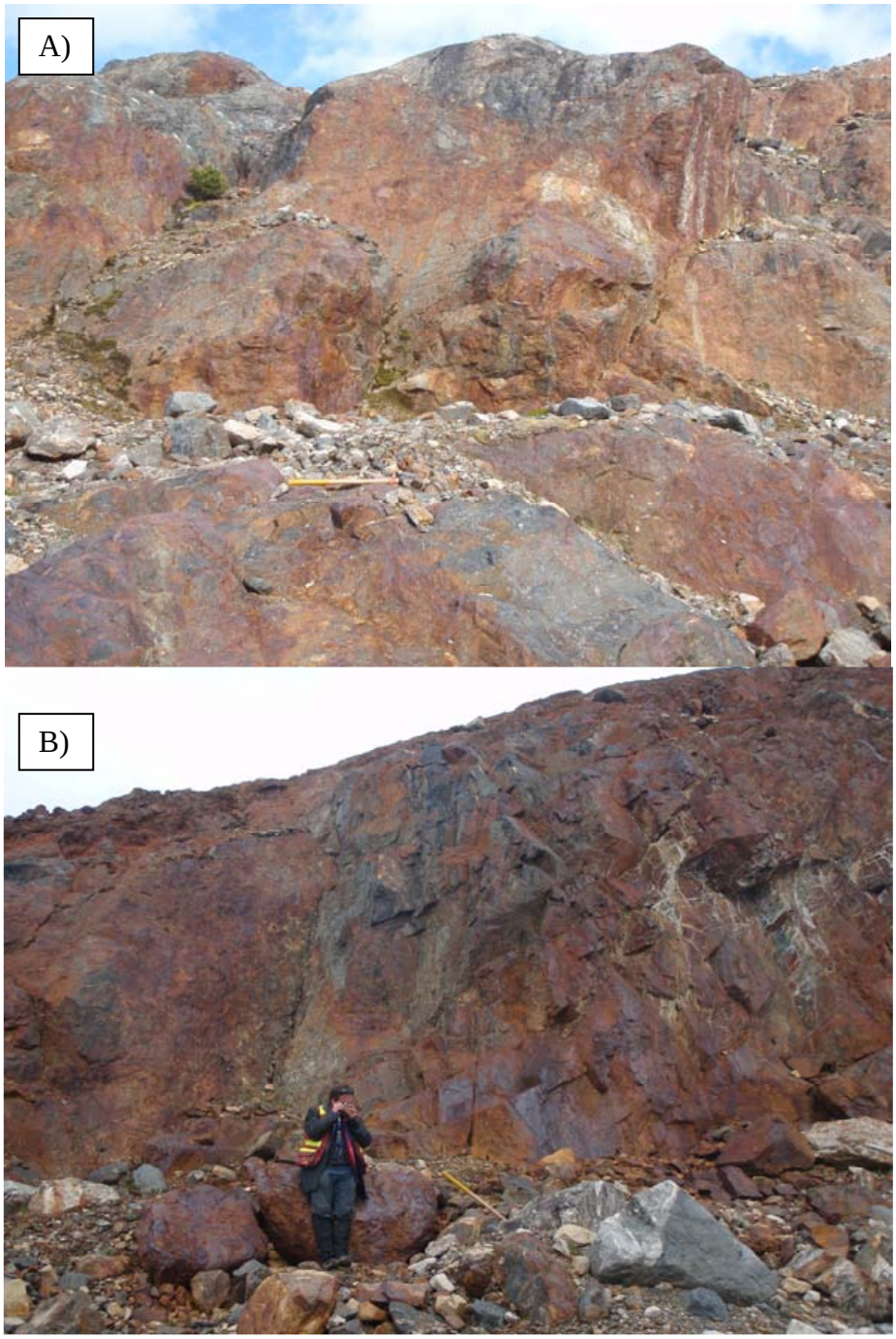

Figure 4a,b: A) Gossanous zone and B) is the gossanous zone further up and to the left. Hammer for scale.

to this rock was not apparent, although was probably a calcareous pelitic unit. Both the amphibolites and other units seemed highly hornfelsed, and possibly pervasively metasomatically altered (silicification?). The extreme hardness of these rocks is consistent with that interpretation, although no intrusive rocks were evident. Also, the prominent roundness of this zone is consistent with either silicification or skarnification. The fabric within the amphibolitic rocks was not as evident as elsewhere and the porcellanitic rocks did not seem to have a fabric, so the sulphide mineralization in the porcellinite unit is at least late tectonic if not post regional deformation. Consistent with this observation, very irregular veins and veinlets with sulfide-bearing calc-silicates (actinolitic) both with and without carbonate (ankeritic) cores were abundant. These late veins had variable widths of up to 0.5 to 10 cm, although seemed to have little continuity, but locally formed vein networks. It is evident that these veins are the principle source for the gossanous (goethite-limonite) staining of these rocks. Our sampling concentrated on sulfide-bearing samples that were loose due to frost heave to quickly assess this sulfide zone, as it was very difficult to break samples off of the rounded outcrops. Samples from within the gossanous zone are numbered 11-RS-BCNW-AF-09a to 09f (see Fig. 4). These samples did not yield any significant gold results (<26 ppb; Fig. 5), but Cu results were less than 428 ppm (other base metals were not anomalous); however, the samples yielded between 5.7 and 10.8% Fe, with a high Mn content of approximately 1760 to 2860 ppm.

The northern and the central south claim of the property hosts sulphide-bearing quartz-carbonate veins, within sheared amphibolites and metasediments interlayered with quartzofeldspathic gneiss. Samples collected from veins either in outcrop or float returned values, which are encouraging for further exploration. Towards the northern claims, the two highest grade (Au) rocks analyzed are both grab samples of sulphide-bearing vein material from a local source; Au values of 0.828 g/t and 0.760 g/t. Another sample in the area (11-BCNW-KB-08) of float vein material yielding 0.368 g/t Au also contained 55 ppm Mo, 1710 ppm Pb, 481 ppm As, and 23 ppm Sb. Another float vein sample from the area revealed 0.250 g/t Au, 10.7 ppm Ag, >5000 ppm Pb, and 72 ppm Sb. One sample of a quartz-carbonate vein (11-RS-BSNW-AF-01), with minor pyrite, boudinaged within the host schist came back with 0.169 g/t Au, 702 ppm Cu, 365 ppm Pb, and 60 ppm Sb (Fig. 6). In addition, a sample collected from the central south property yielded 0.446 g/t Au from a medium-grained, rusted, mesocratic tonalite hosting quartz veins (Fig. 7).

Discussion and Conclusions

The main objective of the field program was to investigate the property to determine its mineralization potential being in the Stewart Gold-Silver-Copper district. Through geochemical analysis of the host and vein systems located in the area; anomalous gold and base-metal values were determined. Five samples revealed geochemical values between 0.250 g/t and 0.828g/t Au with several of these samples containing anomalous Ag (up to 10.7 ppm), Cu (up to 702 ppm), Mo (a sample with 55 ppm), and Pb (one sample with 0.17% and another sample containing >0.5% Pb).

With these encouraging results from the one day initial evaluation of the property, further work is highly recommended. A 4-day helicopter-assisted program with 4 people is required to complete detailed mapping and channel sampling. Further mapping and

sampling can be completed on the northern and southern claims; in addition, more outcrop is being revealed due to the retreat/melting of the glacier in these areas. The gossanous zone needs to be revisited and expensively prospected and sampled (saw), since during the previous visit, we were constrained by time (30 minutes). Also, as seen in Figure 3, there are several areas that were never visited; although many of these areas are cliff faces; it may be possible to walk the base of these cliffs providing the glacier at the edge is stable to walk on.

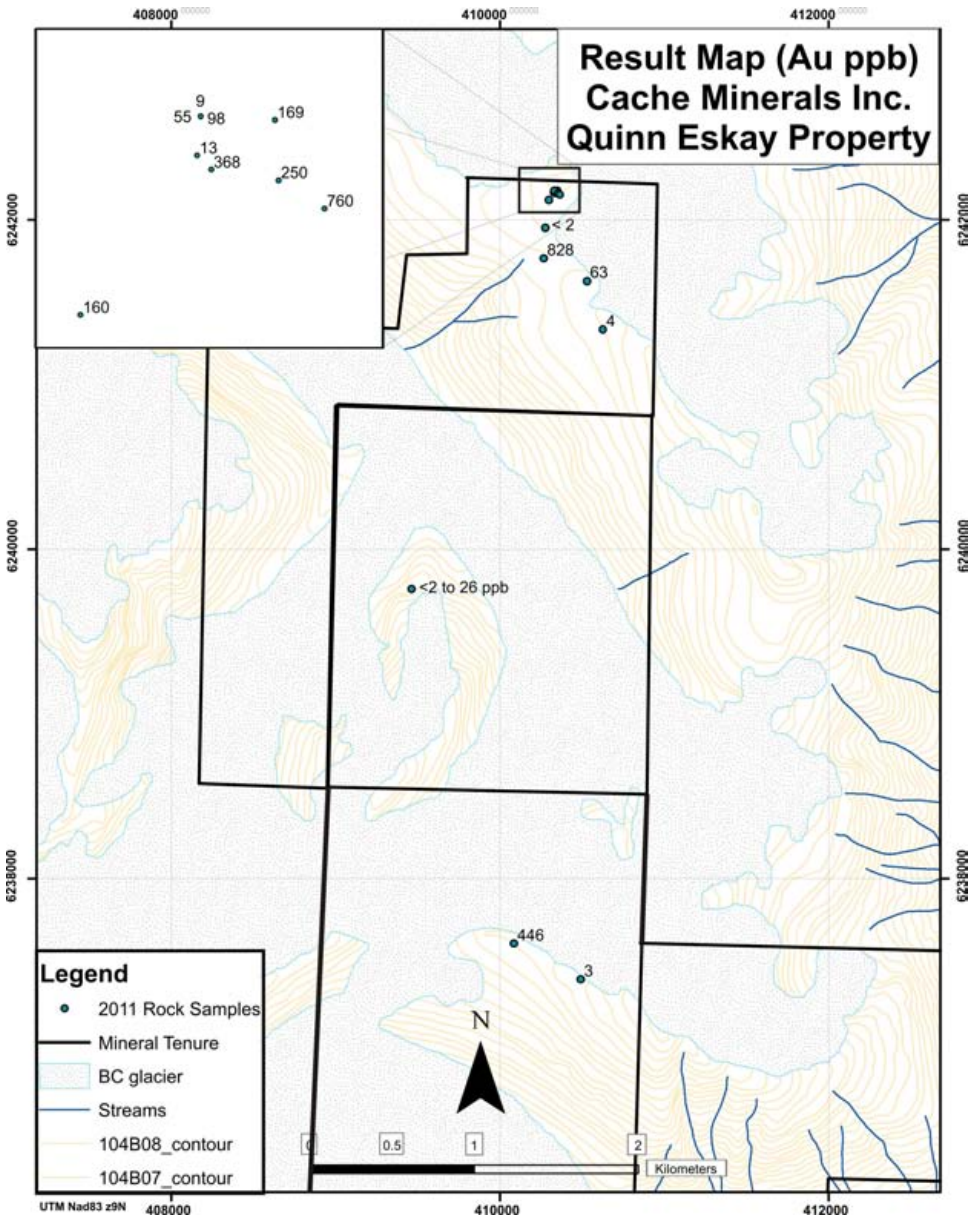

Figure 5: Au values for each rock sample collected on the Quinn Eskay Property, north of Stewart, BC.

Figure 6: Location of samples 11-RS-BSNW-AF-01 (right) and 02 (left), showing the host schist and carbonate veins.

Figure 7: Mesocratic tonalite with a rusted quartz vein, with a grain size card for scale; sample 11-RS-BSNW-AF-08.

References:

McGuigan, P.J and McKinley, S. 2004. Geological and Geochemical Assessment Report on the Corey Property: B.C. Ministry of Energy and Mines, Assessment Report 27511.

Alldrick, J.D. and Britton, J.M. 1992. Unuk River Area Geology (NTS 104B/7E,8 & 9W, 10E): B.C. Ministry of Energy and Mines, Open File 1992-22.

Statement of Expenditures

Staff	Description					
1	Geologist – Kristy Beal - Prep and research	$375	day	3.3	$1,237.50	
1	Supervisor (Dave Lentz) - Field	$1,200	day	1.5	$1,800.00	
1	Geologist – Kristy Beal - Field	$375	day	1.5	$562.50	
1	Junior Geologist - Field	$250	day	1.5	$375.00	
1	Junior Geologist - Field	$200	day	1.5	$300.00	
1	Supervisor (Dave Lentz) - Report review	$1,200	day	0.5	$600.00	
1	Geologist – Kristy Beal - Report writing	$375	day	4	$1,500.00	
						$6,375.00
Rentals						
1	Field Truck Rental	$174	day	1.5	$261.00	
1	Satellite Phone		project		$74.20	
1	Helicopter	Move and return	day	1	$4,163.20	
						$4,498.40
Expenses						
	Fuel	$58	day	1.5	$87.00	
	Food				$96.97	
	Accommodations				$337.50	
	CANMET Gold Standard				$200.00	
	Geochemical Analysis				$918.75	
	Used supplies (safety + equipment)				$128.20	
						$1,768.42
	TOTAL					**$12,641.82**

Appendix I

Certificates of Analysis

Accuracy of the certified standard used during the analysis

CH-4 STANDARD										
Analyte Symbol	Au	Ag	Cu	Cd	Zn	Fe	K	Mg	Se	Ti
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	%	%	ppm	%
11-RS-BCSE-AF-014	738	2.6	2130	1.3	213	4.15	1.79	1.46	< 3	0.31
11-BCNW-KB-08	835	2.6	2030	1.3	209	5	1.76	1.44	< 3	0.31
11-RS-BCNW-AF-10	862	2.6	2100	1.2	208	4.91	1.75	1.44	< 3	0.31
Certified Values (CH-4)	880	2.1	2000	1.14	200	5.42	1.81	1.43	2.1	0.31
% Difference	-7.77	23.81	4.33	11.11	5.00	-13.53	-2.39	1.17	0.00	0.00

Quality Analysis ... *Innovative Technologies*

Date Submitted: 04-Aug-11
Invoice No.: A11-8120
Invoice Date: 29-Sep-11
Your Reference: British Columbia Project

Cache Exploration
350 Wellington Street West, G19
Toronto ON M5V 3W9
Canada

ATTN: President George - President and CE

CERTIFICATE OF ANALYSIS

3 Pulp samples, 47 Rock samples and 1 Stream Sediment sample were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A11-8120**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
11-RS-BCSE-AF-01	< 2	< 0.3	5	0.7	< 1	< 3	7	103	0.13	5.47	2.7	2430	< 1	< 2	< 0.5	3.03	13	8	2	1.0	5.04	2	< 1	< 5
11-RS-BCSE-AF-02	38	3.5	37	0.3	7	15	22	32	1.15	4.33	14.7	3580	2	< 2	< 0.5	0.02	3	58	3	< 0.2	3.84	3	< 1	< 5
11-RS-BCSE-AF-03	< 2	0.9	76	0.4	3	< 3	32	59	0.44	4.52	2.8	1790	< 1	< 2	< 0.5	2.05	9	47	< 1	0.6	3.02	2	< 1	< 5
11-RS-BCSE-AF-04	7	1.2	74	0.6	6	< 3	5	38	1.73	6.03	< 0.5	2940	< 1	< 2	< 0.5	4.21	6	< 2	< 1	1.3	3.42	2	< 1	< 5
11-RS-BCSE-AF-05	< 2	1.1	82	1.9	14	< 3	106	191	1.09	3.71	4.3	1150	< 1	< 2	< 0.5	9.11	19	162	< 1	0.9	3.95	2	< 1	< 5
11-RS-BCSE-AF-06	< 2	1.0	62	1.9	7	< 3	4	116	1.72	5.16	3.4	1150	< 1	< 2	< 0.5	11.6	7	10	< 1	1.0	3.55	2	< 1	< 5
11-RS-BCSE-AF-07	< 2	1.2	101	0.9	5	6	53	92	1.63	4.97	4.6	2820	< 1	< 2	< 0.5	3.55	12	67	< 1	0.9	3.68	3	< 1	< 5
11-RS-BCSE-AF-08	< 2	1.3	110	0.8	10	4	98	79	0.69	3.30	14.1	830	1	< 2	< 0.5	1.88	11	83	< 1	0.8	2.32	2	< 1	< 5
11-RS-BCSE-AF-09	< 2	0.8	140	0.5	< 1	< 3	272	99	1.46	4.51	13.4	1410	< 1	< 2	< 0.5	8.24	47	646	< 1	0.6	6.74	< 1	< 1	< 5
11-RS-BCSE-AF-010	14	1.7	91	0.6	2	5	38	55	0.73	4.32	3.6	2240	1	< 2	< 0.5	1.10	9	59	< 1	0.6	2.93	2	< 1	< 5
11-RS-BCSE-AF-011	< 2	1.1	25	1.0	4	< 3	38	114	0.53	2.89	4.3	960	1	< 2	< 0.5	6.06	8	62	< 1	1.2	2.17	2	< 1	< 5
11-RS-BCSE-AF-012	5	1.3	131	0.6	1	< 3	59	79	0.99	5.38	2.8	3330	< 1	< 2	< 0.5	4.35	25	186	< 1	1.0	5.82	2	< 1	< 5
11-RS-BCSE-AF-013	< 2	< 0.3	49	< 0.3	2	12	16	53	0.03	3.41	3.0	< 50	23	< 2	< 0.5	8.31	< 1	14	< 1	< 0.2	0.74	< 1	< 1	< 5
11-RS-BCSE-AF-014	738	2.6	2130	1.3	2	13	57	213	0.66	5.14	8.6	410	< 1	< 2	< 0.5	2.26	20	100	2	< 0.2	4.15	2	< 1	< 5
11-BCSE-KB-001	7	< 0.3	14	< 0.3	< 1	< 3	20	12	0.31	2.14	22.5	520	1	< 2	< 0.5	15.5	7	46	2	1.2	5.10	< 1	< 1	< 5
11-BCSE-KB-002	29	0.9	114	0.6	< 1	21	50	18	4.34	3.84	189	490	< 1	< 2	< 0.5	7.93	34	62	3	0.8	7.18	< 1	< 1	< 5
11-BCSE-KB-003	< 2	< 0.3	113	0.8	3	18	33	103	0.03	4.56	10.0	700	< 1	< 2	9.4	2.59	34	99	6	0.9	6.63	< 1	< 1	< 5
11-BCSE-KB-004	< 2	1.4	129	0.4	2	9	39	121	0.20	3.97	8.2	770	< 1	< 2	< 0.5	0.15	7	41	2	0.6	6.43	2	< 1	< 5
11-BCSE-KB-005	< 2	0.6	105	0.5	< 1	< 3	91	69	0.65	5.36	5.9	1340	< 1	2	< 0.5	3.95	31	186	2	0.6	5.84	< 1	< 1	< 5
11-BCSE-KB-006	18	2.7	45	< 0.3	1	9	47	34	0.16	3.09	10.9	1730	1	< 2	< 0.5	0.07	3	102	2	0.5	2.06	2	< 1	< 5
11-BCSE-KB-007	< 2	< 0.3	3	0.7	1	< 3	12	45	< 0.01	1.74	3.6	< 50	< 1	< 2	0.9	0.38	5	24	< 1	0.2	2.02	< 1	< 1	< 5
11-BCSE-KB-008	< 2	2.4	73	2.9	5	11	59	223	0.84	3.31	3.6	1540	< 1	< 2	< 0.5	2.32	11	109	< 1	0.9	3.85	2	< 1	< 5
11-BCSE-KB-009	< 2	0.5	47	1.3	< 1	< 3	113	81	0.39	4.86	4.6	1040	< 1	2	< 0.5	6.02	37	337	3	0.9	5.76	2	< 1	< 5
11-RS-BCGL-AF-01	< 2	1.1	36	0.5	< 1	55	7	43	0.15	0.93	63.7	350	< 1	< 2	< 0.5	17.4	6	26	< 1	1.4	2.69	< 1	< 1	< 5
11-RS-BCGL-AF-02	< 2	< 0.3	6	0.4	< 1	3	14	23	0.36	2.01	12.2	200	< 1	< 2	< 0.5	9.57	18	45	< 1	0.6	5.64	< 1	< 1	< 5
11-RS-BCGL-AF-03	< 2	< 0.3	44	2.3	4	12	28	244	0.35	5.78	3.6	650	1	< 2	< 0.5	4.11	22	45	7	1.0	5.50	2	< 1	< 5
11-RS-BCGL-AF-04	< 2	< 0.3	5	< 0.3	< 1	< 3	10	22	0.07	1.79	4.2	< 50	< 1	< 2	< 0.5	17.5	11	48	2	0.8	2.33	< 1	< 1	< 5
11-BCNW-KB-01	< 2	< 0.3	7	< 0.3	2	< 3	9	49	0.10	6.39	3.6	1180	1	< 2	< 0.5	2.46	10	9	3	0.4	2.93	2	< 1	< 5
11-BCNW-KB-02	160	2.8	71	0.5	2	239	4	114	0.01	0.39	4.1	< 50	< 1	< 2	0.5	0.09	3	17	< 1	0.3	2.59	< 1	< 1	< 5
11-BCNW-KB-03	13	0.9	197	0.5	< 1	25	14	126	0.06	6.10	5.2	840	2	< 2	< 0.5	3.80	15	6	3	0.7	4.26	3	< 1	< 5
11-BCNW-KB-04	368	6.9	217	2.0	55	1710	16	112	1.03	0.83	481	220	< 1	< 2	< 0.5	0.64	13	26	2	2.5	2.83	< 1	< 1	< 5
11-BCNW-KB-05	828	< 0.3	51	< 0.3	< 1	7	2	15	0.06	5.24	26.4	1390	< 1	< 2	< 0.5	1.42	5	10	< 1	0.3	2.37	2	< 1	< 5
11-BCNW-KB-06	4	< 0.3	18	< 0.3	1	3	8	36	< 0.01	0.81	33.8	< 50	< 1	< 2	< 0.5	0.99	8	17	< 1	0.3	2.61	< 1	< 1	< 5
11-BCNW-KB-07	3	0.3	7	0.4	< 1	19	30	65	0.40	5.76	14.5	370	1	< 2	< 0.5	4.90	16	49	< 1	0.7	3.74	3	< 1	< 5
11-BCNW-KB-08	835	2.6	2030	1.3	3	16	56	209	0.65	5.07	9.4	370	< 1	< 2	< 0.5	2.22	24	121	< 1	0.5	5.00	4	< 1	< 5
11-RS-BCNW-AF-01	169	7.7	702	0.7	< 1	365	4	23	0.12	0.58	27.4	490	< 1	< 2	< 0.5	0.16	3	29	< 1	< 0.2	0.82	< 1	< 1	< 5
11-RS-BCNW-AF-02	55	< 0.3	10	< 0.3	< 1	45	3	16	< 0.01	0.62	3.5	130	< 1	< 2	< 0.5	0.06	< 1	26	< 1	< 0.2	0.62	< 1	< 1	< 5
11-RS-BCNW-AF-03	9	0.7	148	1.0	< 1	19	20	87	0.10	1.39	7.9	300	< 1	< 2	< 0.5	7.28	14	17	< 1	0.4	4.27	< 1	< 1	< 5
11-RS-BCNW-AF-04	98	2.7	201	0.7	1	13	28	81	0.39	2.81	5.1	650	2	< 2	< 0.5	5.00	22	31	4	0.8	5.53	< 1	< 1	< 5
11-RS-BCNW-AF-05	250	10.7	167	1.3	1	> 5000	9	48	0.26	1.04	16.7	840	< 1	< 2	< 0.5	0.54	5	31	< 1	< 0.2	1.49	< 1	< 1	< 5
11-RS-BCNW-AF-06	760	3.6	17	1.0	1	101	37	45	7.52	1.51	3.5	680	< 1	< 2	< 0.5	0.48	19	52	2	0.4	8.31	< 1	< 1	< 5
11-RS-BCNW-AF-07	63	1.1	3	< 0.3	< 1	8	3	3	0.02	0.15	2.0	< 50	< 1	< 2	0.5	0.04	< 1	31	< 1	< 0.2	0.52	< 1	< 1	< 5
11-RS-BCNW-AF-08	446	0.4	55	0.4	< 1	16	10	61	0.35	0.58	2.4	170	< 1	< 2	< 0.5	0.66	4	24	< 1	< 0.2	3.03	< 1	< 1	< 5
11-RS-BCNW-AF-09a	9	0.3	252	0.6	< 1	13	31	132	1.00	4.45	< 0.5	480	1	< 2	< 0.5	7.42	34	42	7	2.0	7.90	4	< 1	< 5
11-RS-BCNW-AF-09b	23	< 0.3	108	0.5	< 1	7	55	104	0.13	5.00	< 0.5	440	< 1	< 2	< 0.5	7.14	36	59	3	1.5	8.77	4	< 1	< 5
11-RS-BCNW-AF-09c	26	0.3	308	0.8	< 1	12	14	169	0.68	3.90	3.0	440	2	< 2	< 0.5	5.98	38	< 2	4	2.6	10.8	7	< 1	< 5
11-RS-BCNW-AF-09d	13	< 0.3	86	0.4	< 1	16	37	119	0.36	5.18	2.3	1200	1	< 2	< 0.5	6.00	25	47	9	1.5	5.65	3	< 1	< 5
11-RS-BCNW-AF-09e	23	0.5	428	0.9	< 1	12	26	157	1.84	3.78	4.3	490	1	3	< 0.5	5.54	45	10	18	2.0	9.24	5	< 1	< 5
11-RS-BCNW-AF-09f	< 2	0.5	248	0.5	< 1	4	37	146	1.23	3.79	1.9	680	< 1	8	< 0.5	5.64	34	25	19	1.8	8.89	4	< 1	< 5
11-RS-BCNW-AF-10	862	2.6	2100	1.2	2	15	55	208	0.67	5.02	11.8	420	< 1	< 2	< 0.5	2.21	24	110	2	0.6	4.91	3	< 1	< 5

Analyte Symbol	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
11-RS-BCSE-AF-01	2.70	28	1.93	1080	1.71	0.124	53	< 0.1	12.7	< 3	254	< 0.5	0.38	5.8	1.7	177	< 1	13	18.9	34	18	3.4	< 0.01	< 0.5
11-RS-BCSE-AF-02	3.43	12	0.77	52	0.60	0.042	66	4.6	16.8	10	42	1.0	0.46	4.8	1.8	160	< 1	12	14.8	23	10	2.3	< 0.01	< 0.5
11-RS-BCSE-AF-03	1.67	19	1.52	599	2.10	0.087	< 15	0.8	11.5	< 3	403	< 0.5	0.32	2.2	1.4	141	< 1	17	9.9	15	10	2.6	< 0.01	< 0.5
11-RS-BCSE-AF-04	3.44	8	0.96	374	2.87	0.163	70	< 0.1	7.1	18	521	< 0.5	0.36	7.2	3.4	158	< 1	22	25.6	45	16	4.5	< 0.01	< 0.5
11-RS-BCSE-AF-05	1.32	11	2.44	1070	1.97	0.169	< 15	1.0	22.8	< 3	221	0.6	0.30	2.6	6.2	713	< 1	25	15.1	23	14	3.3	< 0.01	< 0.5
11-RS-BCSE-AF-06	1.48	3	0.64	455	1.09	0.138	< 15	0.6	7.6	22	96	1.9	0.34	6.8	2.6	138	< 1	20	25.3	46	21	4.5	< 0.01	< 0.5
11-RS-BCSE-AF-07	2.24	21	1.71	551	2.19	0.122	44	1.5	14.4	< 3	234	1.2	0.38	2.6	2.9	178	< 1	21	12.6	20	12	3.2	< 0.01	< 0.5
11-RS-BCSE-AF-08	1.24	13	1.18	1060	1.64	0.035	< 15	0.5	11.7	18	255	< 0.5	0.31	3.8	< 0.5	190	< 1	16	15.9	21	18	3.4	< 0.01	< 0.5
11-RS-BCSE-AF-09	1.20	22	6.56	1410	1.09	0.088	42	0.9	49.4	< 3	286	< 0.5	0.34	1.4	< 0.5	319	< 1	12	4.9	11	< 5	1.8	< 0.01	< 0.5
11-RS-BCSE-AF-010	2.79	25	1.64	698	1.35	0.058	98	0.9	14.6	< 3	199	< 0.5	0.34	3.4	< 0.5	150	< 1	10	11.0	18	11	2.4	< 0.01	< 0.5
11-RS-BCSE-AF-011	1.33	4	0.74	1120	1.98	0.338	41	0.8	8.0	< 3	204	2.2	0.23	4.6	3.3	88	< 1	27	26.0	38	19	4.4	< 0.01	0.6
11-RS-BCSE-AF-012	1.75	37	4.31	1300	1.61	0.200	< 15	0.4	36.2	< 3	479	< 0.5	0.46	1.6	< 0.5	328	< 1	17	12.3	19	< 5	3.2	< 0.01	< 0.5
11-RS-BCSE-AF-013	0.05	3	0.62	22400	0.03	0.010	< 15	0.2	1.9	< 3	31	< 0.5	0.04	< 0.2	< 0.5	74	< 1	8	1.3	< 3	< 5	0.3	< 0.01	< 0.5
11-RS-BCSE-AF-014	1.79	14	1.46	443	2.66	0.066	< 15	0.8	10.5	< 3	209	< 0.5	0.31	2.6	1.0	103	< 1	11	13.8	24	< 5	2.6	< 0.01	< 0.5
11-BCSE-KB-001	1.04	11	4.57	4240	0.20	0.063	27	5.3	6.9	< 3	460	< 0.5	0.17	1.6	< 0.5	88	< 1	14	12.8	21	15	2.7	< 0.01	< 0.5
11-BCSE-KB-002	2.15	15	2.95	3070	0.18	0.166	56	25.0	11.3	14	265	< 0.5	0.28	2.8	1.3	154	< 1	17	13.5	20	< 5	2.9	< 0.01	< 0.5
11-BCSE-KB-003	1.27	28	3.17	2140	2.23	0.132	78	3.4	44.2	< 3	367	< 0.5	0.35	2.7	2.0	287	< 1	9	13.4	22	< 5	3.3	< 0.01	< 0.5
11-BCSE-KB-004	1.35	20	1.03	235	1.19	0.076	< 15	1.4	9.5	< 3	76	< 0.5	0.32	1.8	1.4	155	< 1	13	7.0	13	7	1.9	< 0.01	< 0.5
11-BCSE-KB-005	0.61	55	4.48	1240	2.47	0.137	38	< 0.1	38.9	< 3	652	< 0.5	0.31	0.8	< 0.5	310	< 1	13	4.5	6	< 5	1.7	< 0.01	< 0.5
11-BCSE-KB-006	1.62	11	0.84	139	0.84	0.038	42	2.6	8.6	13	95	< 0.5	0.19	2.6	1.4	154	< 1	10	8.7	15	10	1.8	< 0.01	< 0.5
11-BCSE-KB-007	0.23	12	0.63	610	0.96	0.027	< 15	0.4	1.8	< 3	85	< 0.5	0.07	1.2	< 0.5	49	< 1	2	2.5	6	< 5	0.6	< 0.01	< 0.5
11-BCSE-KB-008	1.49	21	1.39	803	1.38	0.124	38	0.7	12.0	18	142	< 0.5	0.30	4.1	3.8	258	< 1	17	18.4	27	19	3.7	< 0.01	0.9
11-BCSE-KB-009	1.40	48	4.71	1380	1.12	0.098	58	< 0.1	30.6	< 3	268	< 0.5	0.42	3.5	< 0.5	240	< 1	14	14.5	25	< 5	3.3	< 0.01	0.6
11-RS-BCGL-AF-01	0.47	5	0.80	3020	0.34	0.040	25	31.4	9.6	< 3	1060	< 0.5	0.07	< 0.2	< 0.5	70	< 1	9	9.0	17	< 5	1.8	< 0.01	< 0.5
11-RS-BCGL-AF-02	0.33	23	3.22	4170	0.89	0.072	< 15	13.1	17.2	< 3	291	< 0.5	0.14	< 0.2	< 0.5	120	< 1	11	5.7	10	7	1.7	< 0.01	< 0.5
11-RS-BCGL-AF-03	1.66	19	2.87	1130	2.84	0.099	53	1.4	23.8	< 3	493	< 0.5	0.46	5.5	3.1	410	< 1	22	22.4	34	17	4.4	< 0.01	< 0.5
11-RS-BCGL-AF-04	0.26	21	1.13	2830	1.00	0.062	< 15	2.5	16.4	< 3	283	1.0	0.13	< 0.2	< 0.5	118	< 1	10	5.2	9	< 5	1.6	< 0.01	< 0.5
11-BCNW-KB-01	3.64	7	0.85	521	3.27	0.095	71	1.3	6.5	< 3	291	< 0.5	0.27	2.4	< 0.5	99	< 1	6	9.0	17	< 5	2.0	< 0.01	< 0.5
11-BCNW-KB-02	0.10	3	0.32	1040	0.07	0.007	< 15	4.3	0.7	< 3	12	< 0.5	0.01	< 0.2	< 0.5	15	6	3	1.0	< 3	< 5	0.3	< 0.01	< 0.5
11-BCNW-KB-03	1.83	14	1.04	1050	3.27	0.210	60	4.7	10.6	< 3	519	2.0	0.40	4.9	1.7	134	< 1	11	15.7	30	17	3.7	< 0.01	< 0.5
11-BCNW-KB-04	0.66	3	0.12	487	0.05	0.038	< 15	23.3	4.4	< 3	291	< 0.5	0.09	1.6	1.3	51	12	87	33.7	52	23	7.2	< 0.01	1.9
11-BCNW-KB-05	2.76	3	0.31	331	3.49	0.043	45	0.2	2.3	< 3	473	< 0.5	0.17	1.3	< 0.5	42	< 1	3	8.5	14	< 5	1.3	< 0.01	< 0.5
11-BCNW-KB-06	0.22	3	0.44	472	0.10	0.029	< 15	1.8	2.8	< 3	17	< 0.5	0.06	0.4	< 0.5	49	< 1	3	1.8	4	< 5	0.5	< 0.01	< 0.5
11-BCNW-KB-07	0.76	6	2.22	846	2.94	0.046	< 15	0.7	14.4	< 3	655	< 0.5	0.30	2.9	3.5	138	< 1	17	13.6	26	14	2.8	< 0.01	< 0.5
11-BCNW-KB-08	1.76	14	1.44	469	3.18	0.065	63	1.0	12.3	< 3	207	< 0.5	0.31	2.1	< 0.5	101	< 1	11	16.7	32	14	3.1	< 0.01	< 0.5
11-RS-BCNW-AF-01	0.37	2	0.03	165	0.05	0.007	< 15	58.9	0.7	< 3	32	< 0.5	0.03	< 0.2	< 0.5	11	2	< 1	1.3	4	< 5	0.3	< 0.01	< 0.5
11-RS-BCNW-AF-02	0.39	1	0.03	133	0.06	0.006	< 15	3.8	0.8	< 3	14	< 0.5	0.03	< 0.2	< 0.5	11	2	< 1	1.3	< 3	< 5	0.3	< 0.01	< 0.5
11-RS-BCNW-AF-03	0.92	2	1.94	1530	0.25	0.042	39	6.9	6.7	< 3	524	< 0.5	0.12	< 0.2	< 0.5	84	9	6	2.5	5	< 5	1.1	< 0.01	< 0.5
11-RS-BCNW-AF-04	3.24	5	1.01	1290	1.20	0.114	164	9.9	18.7	< 3	2930	< 0.5	0.43	2.2	1.4	279	18	3	9.5	17	< 5	2.8	< 0.01	0.5
11-RS-BCNW-AF-05	0.67	2	0.08	516	0.04	0.024	36	72.4	2.4	< 3	89	0.6	0.06	0.8	0.7	36	7	3	3.7	6	< 5	0.8	< 0.01	< 0.5
11-RS-BCNW-AF-06	1.07	2	0.11	469	0.10	0.048	47	7.5	3.9	< 3	33	< 0.5	0.12	1.2	1.9	57	16	10	7.1	13	< 5	1.4	< 0.01	< 0.5
11-RS-BCNW-AF-07	0.11	< 1	0.01	73	0.02	0.002	< 15	0.6	0.2	< 3	4	< 0.5	< 0.01	0.3	< 0.5	5	< 1	< 1	< 0.5	< 3	< 5	< 0.1	< 0.01	< 0.5
11-RS-BCNW-AF-08	0.20	1	0.35	331	0.06	0.013	< 15	0.4	1.7	< 3	40	< 0.5	0.04	< 0.2	0.6	23	2	2	1.2	4	< 5	0.4	< 0.01	< 0.5
11-RS-BCNW-AF-09a	1.28	12	2.72	2750	1.62	0.113	48	0.8	34.4	< 3	235	1.9	0.48	1.3	1.3	107	12	46	17.0	39	28	7.1	< 0.01	1.3
11-RS-BCNW-AF-09b	0.57	5	3.15	1760	2.27	0.081	38	< 0.1	32.9	< 3	312	< 0.5	0.22	1.6	< 0.5	136	< 1	33	12.5	29	19	5.4	< 0.01	1.1
11-RS-BCNW-AF-09c	0.59	8	2.24	2360	1.63	0.153	< 15	0.4	36.1	< 3	207	1.9	0.42	2.5	< 0.5	100	< 1	59	23.2	52	29	10.1	< 0.01	1.1
11-RS-BCNW-AF-09d	3.53	17	2.49	1870	1.50	0.071	117	0.6	26.2	< 3	228	< 0.5	0.23	2.8	1.3	140	< 1	33	12.0	28	15	4.9	< 0.01	0.9
11-RS-BCNW-AF-09e	1.93	16	2.45	2860	1.16	0.127	115	0.9	35.5	< 3	172	< 0.5	0.55	1.6	2.3	130	8	44	18.0	39	13	7.3	< 0.01	< 0.5
11-RS-BCNW-AF-09f	2.69	14	3.05	2600	0.96	0.085	112	1.2	38.2	< 3	149	< 0.5	1.73	1.8	< 0.5	695	< 1	25	13.9	29	20	5.5	< 0.01	< 0.5
11-RS-BCNW-AF-10	1.75	14	1.44	465	3.18	0.064	82	0.8	12.4	< 3	206	< 0.5	0.31	2.6	< 0.5	100	< 1	11	16.7	29	14	3.1	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
11-RS-BCSE-AF-01	1.5	0.17	34.3
11-RS-BCSE-AF-02	1.8	0.35	32.0
11-RS-BCSE-AF-03	1.5	0.19	33.7
11-RS-BCSE-AF-04	2.2	0.31	32.5
11-RS-BCSE-AF-05	2.2	0.19	34.0
11-RS-BCSE-AF-06	2.0	0.14	33.5
11-RS-BCSE-AF-07	2.0	0.26	33.3
11-RS-BCSE-AF-08	1.7	0.22	35.0
11-RS-BCSE-AF-09	1.2	< 0.05	38.9
11-RS-BCSE-AF-010	1.0	0.19	32.8
11-RS-BCSE-AF-011	2.6	0.36	31.5
11-RS-BCSE-AF-012	1.6	0.24	33.0
11-RS-BCSE-AF-013	0.2	< 0.05	38.5
11-RS-BCSE-AF-014	0.9	0.09	31.6
11-BCSE-KB-001	1.0	< 0.05	33.2
11-BCSE-KB-002	1.4	0.08	31.4
11-BCSE-KB-003	1.8	0.24	31.0
11-BCSE-KB-004	1.3	0.22	33.2
11-BCSE-KB-005	1.0	0.06	38.3
11-BCSE-KB-006	1.4	0.22	31.5
11-BCSE-KB-007	0.2	0.06	32.8
11-BCSE-KB-008	2.2	0.30	34.9
11-BCSE-KB-009	1.7	0.11	35.7
11-RS-BCGL-AF-01	0.6	< 0.05	31.3
11-RS-BCGL-AF-02	1.0	< 0.05	35.6
11-RS-BCGL-AF-03	1.7	0.22	37.3
11-RS-BCGL-AF-04	0.8	< 0.05	36.5
11-BCNW-KB-01	0.7	0.05	31.5
11-BCNW-KB-02	0.3	0.05	38.1
11-BCNW-KB-03	1.5	0.15	32.6
11-BCNW-KB-04	5.7	0.77	33.1
11-BCNW-KB-05	0.4	< 0.05	34.2
11-BCNW-KB-06	< 0.2	0.05	37.3
11-BCNW-KB-07	1.9	0.21	34.5
11-BCNW-KB-08	1.1	0.10	34.9
11-RS-BCNW-AF-01	< 0.2	< 0.05	33.4
11-RS-BCNW-AF-02	< 0.2	< 0.05	34.4
11-RS-BCNW-AF-03	0.6	0.10	35.9
11-RS-BCNW-AF-04	1.1	0.20	30.8
11-RS-BCNW-AF-05	0.4	0.07	34.9
11-RS-BCNW-AF-06	0.8	0.12	36.4
11-RS-BCNW-AF-07	< 0.2	< 0.05	34.8
11-RS-BCNW-AF-08	< 0.2	< 0.05	36.3
11-RS-BCNW-AF-09a	4.5	0.45	37.5
11-RS-BCNW-AF-09b	2.6	0.11	39.0
11-RS-BCNW-AF-09c	4.9	0.41	38.3
11-RS-BCNW-AF-09d	2.8	0.19	37.4
11-RS-BCNW-AF-09e	3.9	0.26	36.6
11-RS-BCNW-AF-09f	3.0	0.23	36.0
11-RS-BCNW-AF-10	1.2	0.12	32.7

Quality Control

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01
Analysis Method	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas		31.4		1050	3.3	13	713	41		709		0.23	3.99			1	1380		1.02					
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960					
GXR-4 Meas		3.7		6580	0.4	315	41	44		73		1.80	4.34			2	14		1.15					
GXR-4 Cert		4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01					
SDC-1 Meas		< 0.3		28	< 0.3	< 1	21	35		100		0.06	5.21			3	< 2		1.12					
SDC-1 Cert		0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00					
SCO-1 Meas		0.4		26	0.3	< 1	26	27		96			4.26			2	< 2		1.90					
SCO-1 Cert		0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87					
GXR-6 Meas		0.3		63	0.6	1	86	27		121		0.01	8.53			1	< 2		0.20					
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180					
DNC-1a Meas				88				245		54														
DNC-1a Cert				100				247		70.0														
OREAS 13b (4-Acid) Meas		1.1		2350		8		2370		114		1.16												
OREAS 13b (4-Acid) Cert		0.86		2300.000		9.0		2247		133		1.20												
DMMAS 114 Meas	2010													1730	1660					42	84			3.50
DMMAS 114 Cert	2199													1624	1561					42	84			3.31
DMMAS 114 Meas	2090													1710	1540					42	90			3.36
DMMAS 114 Cert	2199													1624	1561					42	84			3.31
11-RS-BCSE-AF-012 Orig		1.3		129	0.6	2	3	57		78		0.98	5.30			< 1	< 2		4.27					
11-RS-BCSE-AF-012 Dup		1.2		132	0.6	1	< 3	60		80		1.01	5.46			< 1	3		4.43					
11-RS-BCGL-AF-04 Orig		< 0.3		4	< 0.3	< 1	< 3	10		23		0.07	1.81			< 1	< 2		17.5					
11-RS-BCGL-AF-04 Dup		< 0.3		5	< 0.3	< 1	< 3	10		21		0.07	1.77			< 1	< 2		17.4					
11-BCNW-KB-03 Orig	13	0.9	< 5	197	0.5	< 1	25	14	< 20	126	110	0.06	6.10	5.2	840	2	< 2	< 0.5	3.80	15	6	3	0.7	4.26
11-BCNW-KB-03 Split	14	1.2	< 5	223	0.3	2	21	14	< 20	126	150	0.05	5.87	5.7	900	2	< 2	< 0.5	3.75	17	10	3	0.8	4.58
11-RS-BCNW-AF-09d Orig		< 0.3		85	0.4	< 1	15	37		118		0.35	5.13			1	2		5.92					
11-RS-BCNW-AF-09d Dup		< 0.3		86	0.4	< 1	17	37		119		0.36	5.23			1	< 2		6.07					
11-RS-BCNW-AF-09f Orig	< 2	0.5	< 5	248	0.5	< 1	4	37	< 20	146	290	1.23	3.79	1.9	680	< 1	8	< 0.5	5.64	34	25	19	1.8	8.89
11-RS-BCNW-AF-09f Split	< 2	0.4	< 5	254	0.5	< 1	6	40	< 20	153	240	1.24	3.76	2.3	650	< 1	2	< 0.5	5.89	31	28	17	1.8	8.17
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2	< 0.01

Quality Control

Analyte Symbol	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas				0.05	14	0.37	884		0.056					286					84		27			
GXR-1 Cert				0.0500	8.20	0.217	852		0.0650					275					80.0		32.0			
GXR-4 Meas				4.05	12	1.78	151		0.135					215					94		14			
GXR-4 Cert				4.01	11.1	1.66	155		0.120					221					87.0		14.0			
SDC-1 Meas				2.55	37	1.02	844		0.056					172		0.10			34		34			
SDC-1 Cert				2.72	34.0	1.02	883		0.0690					183		0.606			102		40.0			
SCO-1 Meas				2.65	42	1.52	367		0.080					150		0.29			125		18			
SCO-1 Cert				2.30	45.0	1.64	410		0.0900					174		0.380			131		26.0			
GXR-6 Meas				1.63	38	0.64	990		0.033					41					119		13			
GXR-6 Cert				1.87	32.0	0.609	1010		0.0350					35.0					186		14.0			
DNC-1a Meas					5									129					146		13			
DNC-1a Cert					5.20									144					148		18.0			
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
DMMAS 114 Meas								1.86			12.1	7.0						18.7				16.6	27	
DMMAS 114 Cert								1.78			11.2	6.5						17.4				15.1	23.7	
DMMAS 114 Meas								1.89			11.8	7.2						17.6				17.8	29	
DMMAS 114 Cert								1.78			11.2	6.5						17.4				15.1	23.7	
11-RS-BCSE-AF-012 Orig				1.72	36	4.23	1290		0.199					474		0.46			325		17			
11-RS-BCSE-AF-012 Dup				1.79	38	4.39	1320		0.200					485		0.46			330		18			
11-RS-BCGL-AF-04 Orig				0.26	21	1.12	2820		0.063					283		0.13			117		10			
11-RS-BCGL-AF-04 Dup				0.26	21	1.13	2850		0.061					283		0.13			119		10			
11-BCNW-KB-03 Orig	3	< 1	< 5	1.83	14	1.04	1050	3.27	0.210	60	4.7	10.6	< 3	519	2.0	0.40	4.9	1.7	134	< 1	11	15.7	30	17
11-BCNW-KB-03 Split	4	< 1	< 5	1.71	13	1.02	1040	3.69	0.207	50	5.0	11.3	< 3	516	2.2	0.44	5.0	2.9	141	< 1	11	16.1	30	15
11-RS-BCNW-AF-09d Orig				3.49	16	2.46	1860		0.070					224		0.21			139		32			
11-RS-BCNW-AF-09d Dup				3.58	17	2.51	1870		0.071					233		0.24			142		33			
11-RS-BCNW-AF-09f Orig	4	< 1	< 5	2.69	14	3.05	2600	0.96	0.085	112	1.2	38.2	< 3	149	< 0.5	1.73	1.8	< 0.5	695	< 1	25	13.9	29	20
11-RS-BCNW-AF-09f Split	3	< 1	< 5	2.94	14	3.04	2660	0.88	0.080	94	0.9	37.3	< 3	159	< 0.5	0.82	1.8	< 0.5	376	< 1	32	12.8	26	24
Method Blank Method Blank				< 0.01	< 1	< 0.01	4		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank				< 0.01	< 1	< 0.01	2		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank				< 0.01	< 1	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank				< 0.01	< 1	< 0.01	8		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank				< 0.01	< 1	< 0.01	9		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank				< 0.01	< 1	< 0.01	27		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank Method Blank	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
DNC-1a Meas						
DNC-1a Cert						
OREAS 13b (4-Acid) Meas						
OREAS 13b (4-Acid) Cert						
DMMAS 114 Meas	2.6					
DMMAS 114 Cert	2.4					
DMMAS 114 Meas	2.6					
DMMAS 114 Cert	2.4					
11-RS-BCSE-AF-012 Orig						
11-RS-BCSE-AF-012 Dup						
11-RS-BCGL-AF-04 Orig						
11-RS-BCGL-AF-04 Dup						
11-BCNW-KB-03 Orig	3.7	< 0.01	< 0.5	1.5	0.15	32.6
11-BCNW-KB-03 Split	3.7	< 0.01	< 0.5	1.5	0.16	31.6
11-RS-BCNW-AF-09d Orig						
11-RS-BCNW-AF-09d Dup						
11-RS-BCNW-AF-09f Orig	5.5	< 0.01	< 0.5	3.0	0.23	36.0
11-RS-BCNW-AF-09f Split	5.2	< 0.01	< 0.5	2.6	0.21	37.4
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank						
Method Blank Method Blank	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0

Appendix II

Statement of Qualifications

Statement of Qualifications

I, Andrew Fox of 48 Christopher Dr. Burton, NB, do hereby certify that:

1. I graduated from the University of New Brunswick in 2010 with a B. Sc. Degree in Geology.

2. I have worked for Cache Exploration doing contract work from June 2011 until present, including the work done on the property in question.

Dated December 21, 2011.

Andrew Fox

Andrew Fox, B.Sc

APPENDIX 2 - CERTIFICATE OF QUALIFICATION

I, David R. Lentz, do hereby certify that:

1. I am a mineral property consultant with an office at 208 Stanley Street, Fredericton, NB

2. I am a graduate of the University of New Brunswick (B.Sc. Honours Geology, 1983; M.Sc. Geology, 1986) and the University of Ottawa (Ph.D. Geology, 1992)

3. I am a Professional Geologist registered with the Association of Professional Engineers and Geoscientists in the Province of New Brunswick (M5612) and been register since 2001.

4. I have practiced my profession since 1982.

5. This report is based upon work carried out on the Quinn Eskay properties. All people on the project were supervised by Kristy Beal and myself, so all sampling and analytical protocols were followed.

6. I am a principle of Cache Exploration Inc. and Cache Minerals Inc., owner of the Quinn Eskay properties; this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Fredericton, NB this 21st day of December, 2011.

David R. Lentz PhD, P.Geo.

I, Kristy-Lee Beal, do hereby certify that:

1. I am the Exploration Manager with Cache Exploration Inc. (Suite G-19, 350 Wellington St., Toronto, ON) since May of 2011.

2. I am a graduate of the University of New Brunswick (BSc. In geology, 2008) and am currently completing my MSc. at the University of New Brunswick in Earth Sciences.

3. In addition to attending school, I have practiced my profession since 2005.

4. I am a Member-In-Training registered with the Association of Professional Engineers And Geoscientists of the Province of New Brunswick as a resident member, #J3683

5. This report is based on work carried out on the Stewart South Property recently (June 2011) acquired by Cache Minerals Inc. in early August 2011. Reference to field notes made by myself and geologists David Lentz, Ph.D and Andrew Fox is acknowledged. I have full confidence in the abilities of the persons taking samples in the 2011 program and am satisfied that samples were taken properly and with care.

6. This report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Fredericton, NB, this 22nd day of December 2011.

Kristy-Lee Beal

Kristy-Lee Beal, BSc.