26,709

ASSESSMENT REPORT

FOR THE

2001 DIAMOND DRILL PROGRAM

ON THE PBR PROPERTY,

BRITISH COLUMBIA, CANADA

(PBR 1-16, ISK-1, ISK-2 CLAIMS)

Location:

Liard Mining Division
NTS 104B/15E
Latitude: 56° 50' N
Longitude: 130° 36' W

Owned and Operated by:

Homestake Canada Inc.
#1100-1055 West Georgia Street
Vancouver, B.C.
V6E 3P3

Submitted by:

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November 21, 2001

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1 INTRODUCTION

The Pillow Basalt Ridge (PBR and Isk) claims are located approximately 30km north of the Eskay Creek Mine and were staked for Homestake Canada Inc. and Prime Resources Group Inc. in February 1998. During the exploration season of the same year, surface geological mapping, geochemical sampling and prospecting were carried out extensively on the property to determine whether the area contained favourable Eskay-type stratigraphy. During the 2001 exploration season, a single drill hole was completed to examine the stratigraphy at depth.

1.1 Property Tenure

The PBR property consists of 18 contiguous claims that total 282 units. The PBR 1 to PBR 16 claims and ISK-1 and IKS-2 are held by Homestake Canada Inc. Expiry dates are shown below in the Table 1.

Table 1: PBR Property Status

Record Number	Claim Name	Units	Area (ha)	Record Date	Expiry Date
361354	PBR 1	8	200	Feb. 6, 1998	Feb. 6, 2002
361355	PBR 2	20	500	Feb. 6, 1998	Feb. 6, 2002
361356	PBR 3	8	200	Feb. 6, 1998	Feb. 6, 2002
361357	PBR 4	20	500	Feb. 6, 1998	Feb. 6, 2002
361358	PBR 5	20	500	Feb. 6, 1998	Feb. 6, 2002
361359	PBR 6	20	500	Feb. 4, 1998	Feb. 4, 2002
361360	PBR 7	16	400	Feb. 4, 1998	Feb. 4, 2002
361361	PBR 8	16	400	Feb. 4, 1998	Feb. 4, 2002
361362	PBR 9	18	450	Feb. 5, 1998	Feb. 5, 2002
361363	PBR 10	18	450	Feb. 5, 1998	Feb. 5, 2002
361364	PBR 11	18	450	Feb. 5, 1998	Feb. 5, 2002
361365	PBR 12	18	450	Feb. 5, 1998	Feb. 5, 2002
361366	PBR 13	20	500	Feb. 7, 1998	Feb. 7, 2002
361367	PBR 14	20	500	Feb. 7, 1998	Feb. 7, 2002
361372	PBR 15	20	500	Feb. 7, 1998	Feb. 7, 2002
361373	PBR 16	20	500	Feb. 7, 1998	Feb. 7, 2002
324106	ISK-1	1	25	March 5, 1994	March 5, 2009
324107	ISK-2	1	25	March 5, 1994	March 5, 2009

1.2 Location and Access

The PBR Property is located approximately 100 kilometres north of Stewart, B.C. at 56°50'N longitude/130°36'W latitude on the 104B/15E NTS map sheet. The claims lie between the Iskut and Forrest Kerr Rivers, just north of their confluence (Figures 1, 1a and 2).

The property is accessed by helicopter from the Km 45 Exploration Camp, located 20 kilometres to the southeast along the Eskay Creek Mine Road. Alternatively, the claims can be accessed directly by helicopter from Stewart.

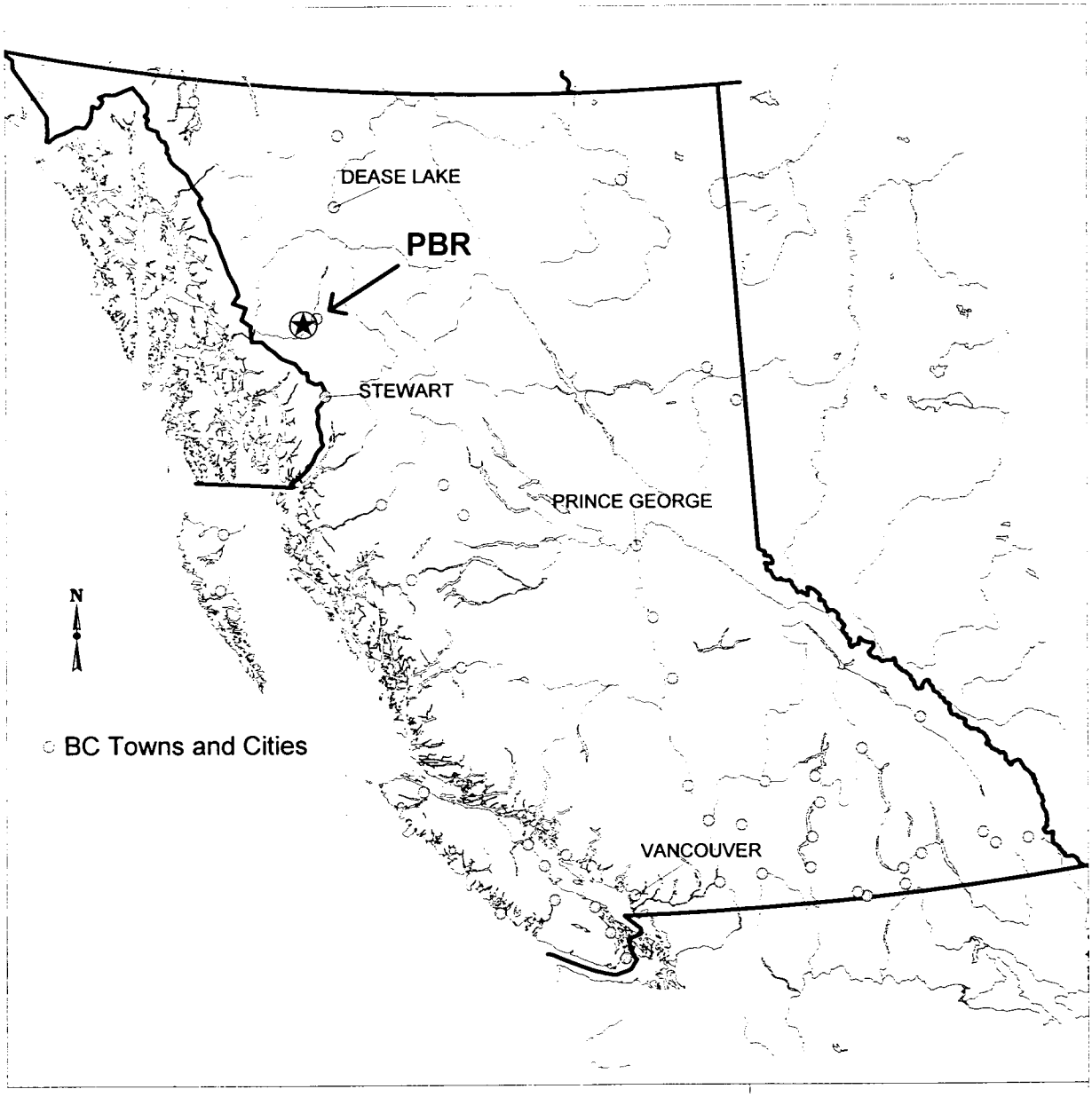
1.3 Physiography and Climate

The claim group encompasses Pillow Basalt Ridge, a prominent north-south topographic feature located between the Iskut and Forrest Kerr Rivers, with elevations ranging from 300 m to greater than 1800 m. The topography is very steep and often precipitous along the flanks of the ridge. Timberline at the ridge top is at approximately 1400 m, above which, outcrop exposure is very good. Physiography is dominated by numerous, cross cutting incised valleys and gullies.

The southeastern flank of the ridge, adjacent to the Iskut River, was ravaged by a forest fire in its recent history, and the resulting re-growth consists of densely intertwined spruce and hemlock. The rare unburned sections of the ridge are old growth forests dominated by large spruce, cedar, hemlock and cottonwood trees with relatively minor undergrowth. Alpine vegetation consists mainly of scrub spruce and heather. Vegetation around creeks is dominated by slide alder and devils' club.

1.4 History and Previous Work

The Iskut River region was the centre of considerable activity in the early 1990s fueled by a 1988 government-funded, stream sediment sampling program, and by the 1989 discovery of the 21B zone at Eskay Creek (Britton et al., 1990). The Pillow Basalt Ridge area was first staked in 1988 and held by Ecstall Mining Corporation (50%) and Omega Gold Corporation (50%) as the Isk and the Bell claims. As well, the southern and northwestern portion of the present PBR



Homestake Canada Inc.	
Nov. 2001	Pillow Basalt Ridge Property Location Map
Figure 1	1: 10 000 000
	Projection: Custom Projection
0 100 200 400 Kilometres	

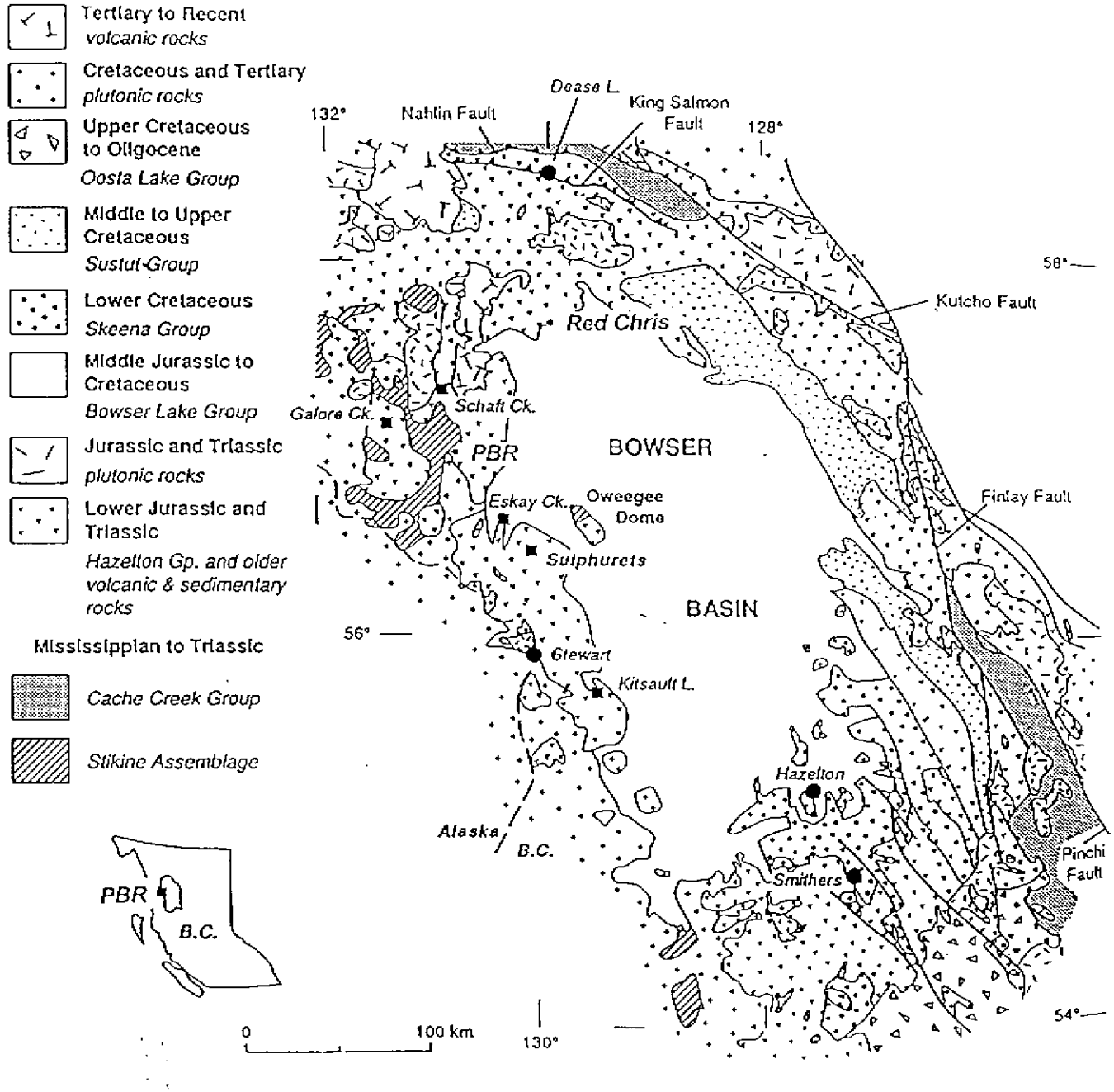
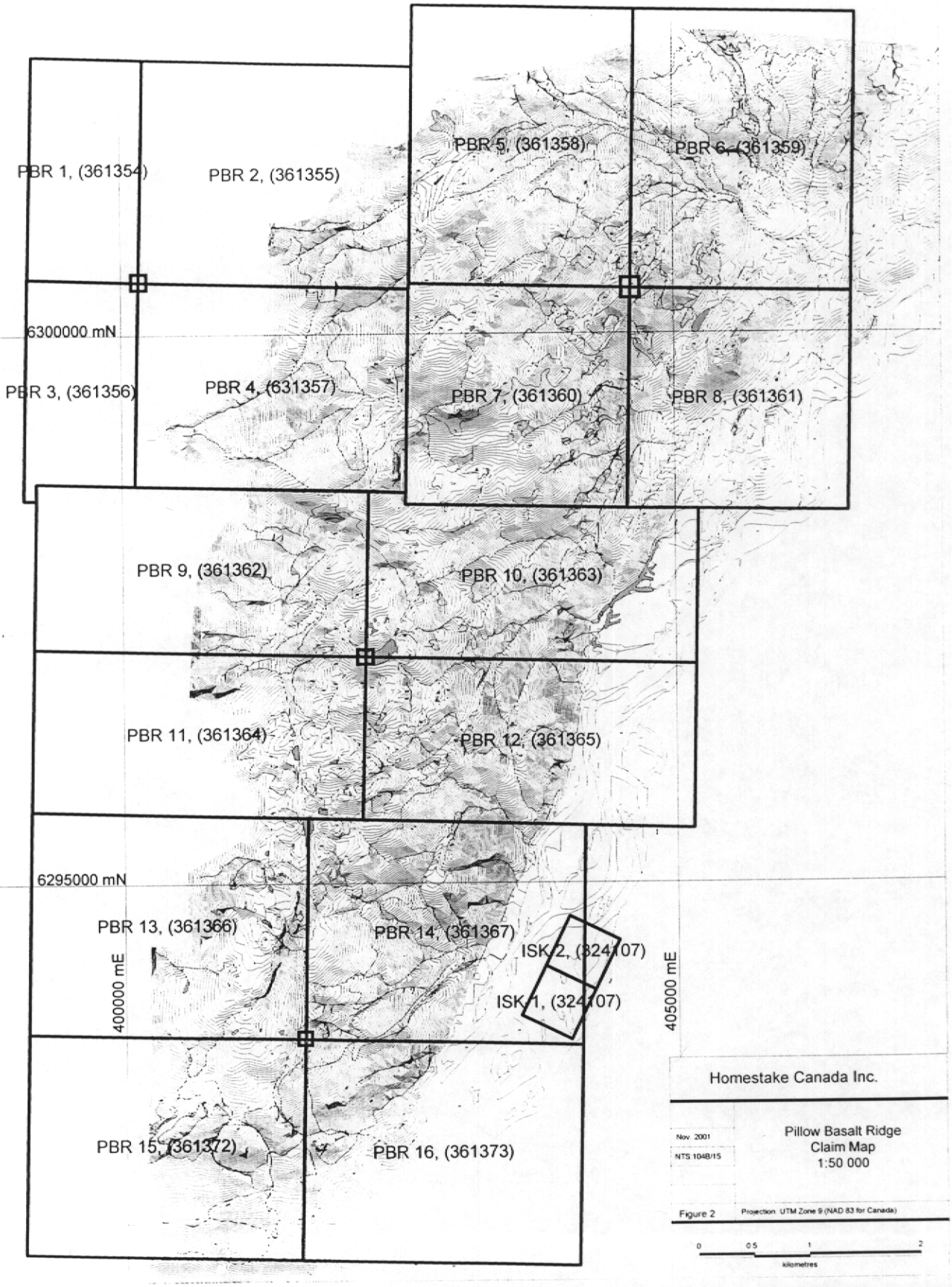


Figure 1a: Regional geological map with location of PBR Property

Modified from Government publications


PBR 1, (361354)
PBR 2, (361355)
PBR 5, (361358)
PBR 6, (361359)
6300000 mN
PBR 3, (361356)
PBR 4, (631357)
PBR 7, (361360)
PBR 8, (361361)
PBR 9, (361362)
PBR 10, (361363)
PBR 11, (361364)
PBR 12, (361365)
6295000 mN
PBR 13, (361366)
PBR 14, (361367)
ISK 2, (324707)
ISK 1, (324707)
400000 mE
405000 mE
PBR 15, (361372)
PBR 16, (361373)
Homestake Canada Inc.
Nov. 2001
NTS 104B/15
Pillow Basalt Ridge
Claim Map
1:50 000
Figure 2
Projection: UTM Zone 9 (NAD 83 for Canada)
0
0.5
1
2
kilometres

claims were staked in 1989 and early 1990 and held by Mr. Ed Carson as the Best Bet, Wally, Henry, Nick, Ernie and Ted claims. During 1989 and 1990, various silt sampling, rock sampling, prospecting and mapping programs were carried out on these properties (Gal, 1990; Walker, 1990; Montgomery and Ikona, 1991). No encouraging results were obtained from any of these programs and by 1993 the properties were all allowed to lapse.

In 1998, exploration personnel from Homestake Canada Inc. carried out a geological mapping, geochemical rock and silt sampling, and prospecting program on the PBR block. The purpose of the fieldwork was to determine whether the property contained the same stratigraphic sequence as the Eskay Creek Mine. The identification of similar rocks to those occurring in the hanging-wall above the Eskay Creek Deposit resulted in Homestake keeping the PBR claims active.

1.5 Regional Geology

The Iskut River area is located within the Stikine Terrane of the Intermontane tectono-stratigraphic belt of the Canadian Cordillera, near the boundary with the Coast Plutonic Complex to the west. The area is characterized by a volcano-sedimentary and plutonic arc complex of Triassic to mid-Jurassic age comprising the Stuhini and Hazelton Groups. The PBR claims cover an area where the Mesozoic arc-volcanic rocks are in contact with sedimentary rocks of the Bowser Basin on-lap assemblage (Figure 1a).

1.5.1 Stratigraphy

Table 2 shows a summarized stratigraphic section of the Iskut River region in the Eskay Creek Mine area based on the work of Britton et al. (1990), Anderson and Thorkelson (1990), Henderson et al. (1992), the Mineral Deposit Research Unit at U.B.C., and Homestake Canada Inc. geologists.

The Eskay Creek Mine is hosted within the upper units of the Lower to Middle Jurassic Hazelton Group. The Hazelton Group has traditionally been divided into four or five formations (Grove, 1986; Alldrick, 1991; Anderson, 1993). Inconsistency in the use of these formational names has led to difficulties in correlation and interpretation of data in the Iskut area, thus

recently some workers (Macdonald et al., 1996; Roth et al., 1997) have adopted an approach whereby five regional units that characterize the Hazelton Group in this area are presented without assigning formational names to prevent confusion with past publications. Logan et al. (1997), however, retains the formational names on his Forrest Kerr-Mess Creek Area map.

Table 2: Iskut River Area Stratigraphic Column

AGE	GROUP	FORMATION	MEMBER/FACIES
Middle Jurassic	Bowser Lake		Bedded and intercalated mudstone, siltstone, sandstone and conglomerate
	Hazelton	Salmon River	Upper sedimentary member Lower mafic volcanic member Basal rhyolite member
			Upper mudstone member Dacite flow facies Dacite epiclastic member Rhyolite member
Lower Jurassic		Betty Creek	Upper siliciclastic, locally with andesitic clasts, limestone. Middle dacitic to rhyolitic volcaniclastics and flows.
		Unuk River	Andesite member, pyroclastics, tuffs.
		Jack	Pebble to boulder conglomerate with granitoid clasts and fossiliferous calcareous siltstone and sandstone.
Upper Triassic	Stuhini		Upper mafic to intermediate volcanic rocks Lower sedimentary rocks, predominantly turbiditic.

1.5.2 Structure and Metamorphism

In the Iskut River area, rocks of the Hazelton Group have been regionally metamorphosed to lower greenschist to subgreenschist facies (Britton et al., 1990). The regional metamorphism is probably related to Cretaceous deformation that resulted in the Skeena fold and thrust belt (Rubin et al., 1990).

The structural history of the area is complex and is characterized by regional upright anticlinoria and synclinoria, related thrust faults, mesoscopic folding and normal faults, and cleavage development (Roth et al., 1997). The Eskay deposit is located on the western limb of the Eskay anticline that is in turn located on the western limb of one of the regional anticlinoria.

1.5.3 Mineralization

The Iskut River area is host to numerous mineral deposits and prospects; some of the major deposits are summarized in Table 3. More detailed discussions of some of these deposits can be found in Britton et al. (1990), Davies et al. (1994), Kirkham and Margolis (1995), Macdonald et al. (1996), Margolis and Britten (1995), Rhys (1993), Roth (1993) amongst many others.

Table 3: Mineralization in the Iskut Map Area

Occurrence	Deposit Type	Comments	Age
Kerr	Alkaline Porphyry	66 mT @ 0.84% Cu 0.01opt	U. Triassic
Doc	Mesothermal Gold	0.2 mT @ 0.32 opt Au (resource)	U. Triassic
Inel	Mesothermal Gold	Prospect	L.Jurassic (Texas Creek)
Snip	Mesothermal Gold	2.4 mT @ 0.648 opt Au	L.Jurassic (Texas Creek)
Johnny Mtn.	Mesothermal Gold	0.3 mT @ 0.83 opt Au	L.Jurassic (Texas Creek)
Premier-Silbak	Epithermal Au	4.6 mT @ 0.386 opt Au (produced)	L.Jurassic(Texas Creek)
Sulphurets	Mesothermal Gold (Brucejack)	1.4 mT @ 0.354 opt Au	L. Jurassic
Eskay Creek	Volcanic Associated Massive Sulphide	3-5 million ozs. Au (resources)	L. Mid Jurassic

1.6 Local Geology

1.6.1 Stratigraphy

The most recent government geology map of the Forrest Kerr area by Logan et al. (1997) further subdivides the Salmon River upper sedimentary member shown in Table 4. The units of interest in the PBR area on Logan's 1:100,000 map are as follows:

Table 4: Stratigraphic Column of the PBR Area

AGE	GROUP	FORMATION	MEMBER/FACIES
Middle Jurassic	Bowser Lake	Ashman	Greywacke, planar-bedded shale and minor crossbedded sandstone, local chert pebble conglomerate and granule conglomerate lenses.
Lower to Middle Jurassic	Hazelton	Salmon River	Undifferentiated volcanic and associated sedimentary rocks. Brecciated and fractured dark green and grey siliceous siltstone, includes: Polylithic conglomerate containing sedimentary, intermediate and felsic volcanic and subvolcanic clasts. Dark grey to black, thin bedded carbonaceous siltstone and fine, rusty-brown bioclastic sandstone, minor intermediate to felsic crystal tuff. Pillow basalt, breccia and tuff, interbedded white and gray, thin-laminated siliceous siltstone and tuff.

The dominant lithology underlying the ridge is the basalt package with rare interbedded mudstone, siliceous siltstone and tuff. This is the lowermost unit noted on the claims and comprises the uppermost unit within the Eskay mine stratigraphy.

Stratigraphically above the basalt lies a polylithic felsic volcanic conglomerate, which underlies the Bowser Lake sedimentary rock package. The volcanic conglomerate is an inconsistent unit, varying from rhyolitic in texture to a strongly sericitized waxy yellow felsic

conglomerate. Above the felsic conglomerate toward the Iskut River are sparse outcrops of the Bowser Lake Group sedimentary rocks. This unit consists of greywacke, cross-bedded sandstone and siltstone, laminated mudstones and shales, with local chert pebble conglomerate lenses.

1.6.2 Structure

From air photo interpretation and field observations, including discontinuity of lithological units, the presence of a network of steep-walled gullies and abundant slickensided surfaces throughout the property, it is apparent that numerous major and minor faults parallel and cross-cut the property (Figure 3). From structural measurements of bedded siltstones within the basalt pile, it was determined that a large antiform roughly parallels the ridge. The sedimentary rocks on the eastern (Iskut) side of the ridge are variably dipping to the east, while sedimentary rocks on the western (Forrest-Kerr) side of the property are variably dipping to the west. This antiform was noted by Logan et al. (1997) and earlier workers (i.e. Read et al., 1989). Because of this major structural feature, in conjunction with the strong faulting, units underlying the basalt package are not exposed on the property.

1.6.3 Mineralization

Mineralization on the PBR property is limited. Pyrite is the most common sulphide and occurs as disseminations and isolated euhedral crystals, and as stringers and narrow lenses that are mainly associated with ankerite alteration and quartz-carbonate veining. It also occurs as laminae in the siltstones and mudstones interbedded within the basalts. Pyrite is present in all of the units on the PBR claims.

Rarely, disseminated pyrrhotite has been noted in the basalts and arsenopyrite occurs locally as disseminated needles in strongly ankerite altered and quartz-carbonate veined basalt. Minor malachite staining on fractures within the basalts has also been noted on the claims.

2.0 2001 EXPLORATION PROGRAM

2.1 Introduction

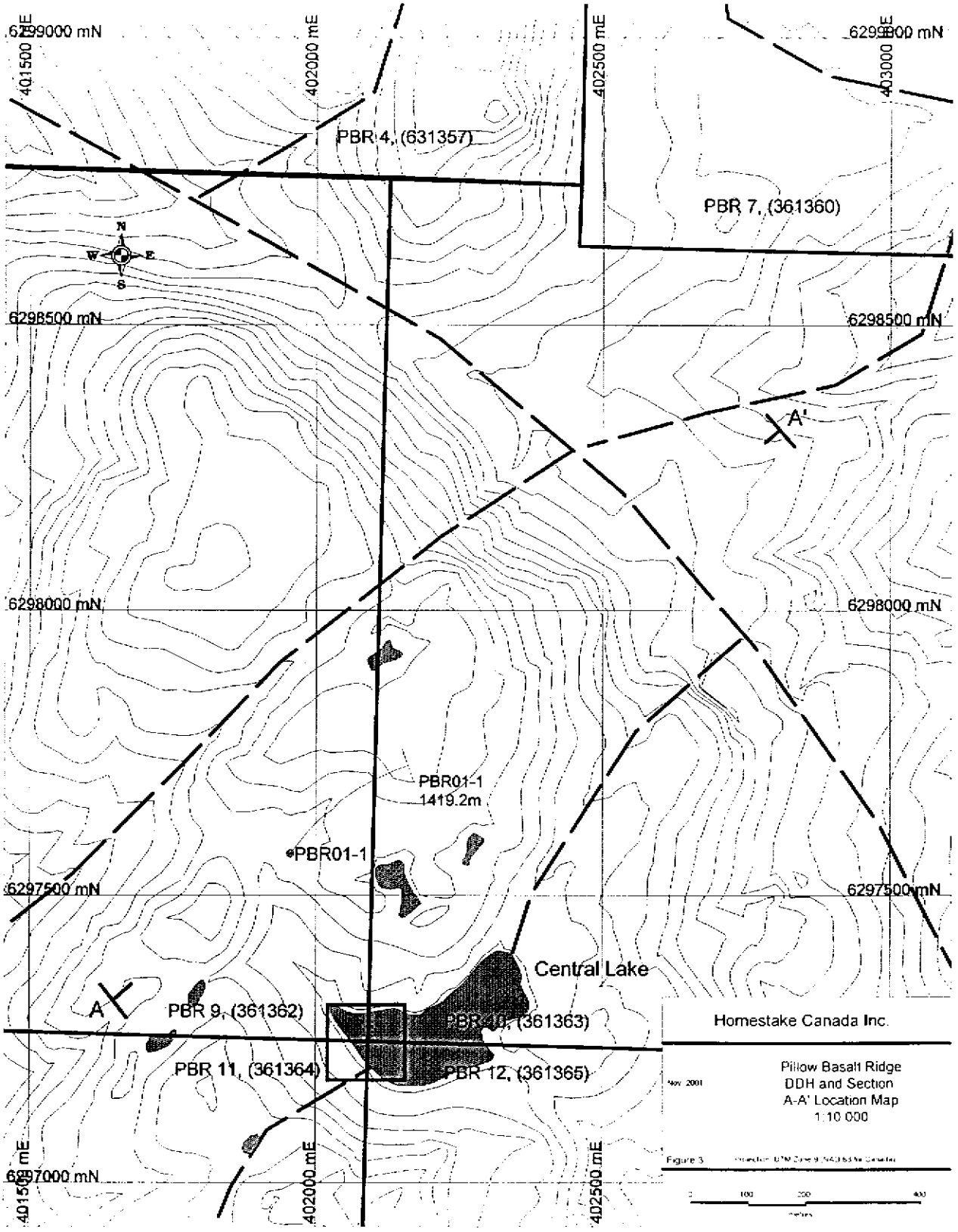
As a result of the mapping and sampling program carried out in 1998 by Homestake personnel, it was decided that the PBR area should be drilled to examine the stratigraphic sequence below the extensive pile of pillowed andesites. To accomplish this, a single drill hole was completed during the months of June and July of 2001. The work was carried out from Homestake's existing Kilometre 45 Exploration Camp on the Eskay Creek Mine Road and the property was accessed from the camp by helicopter.

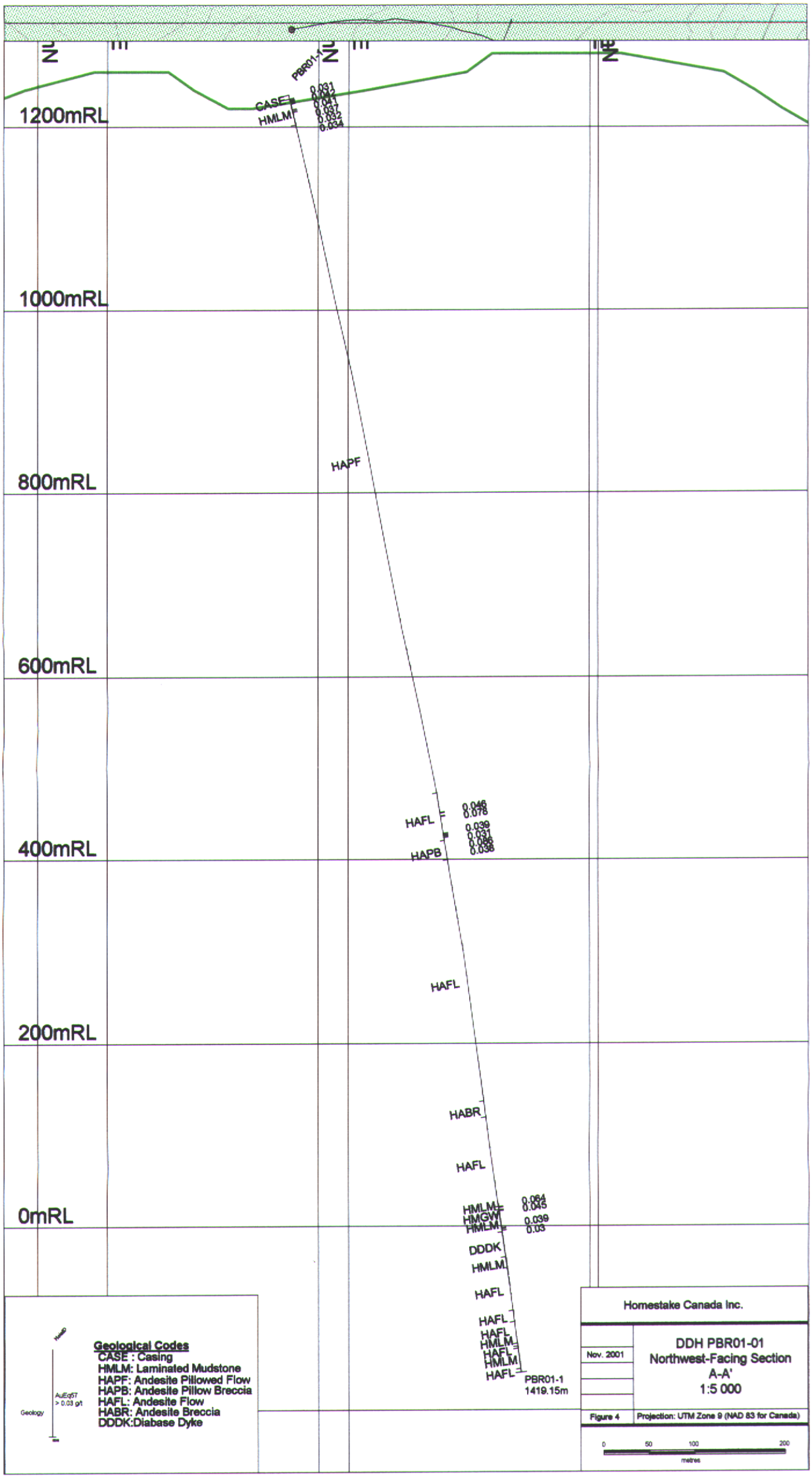
2.2 DDH PBR01-01

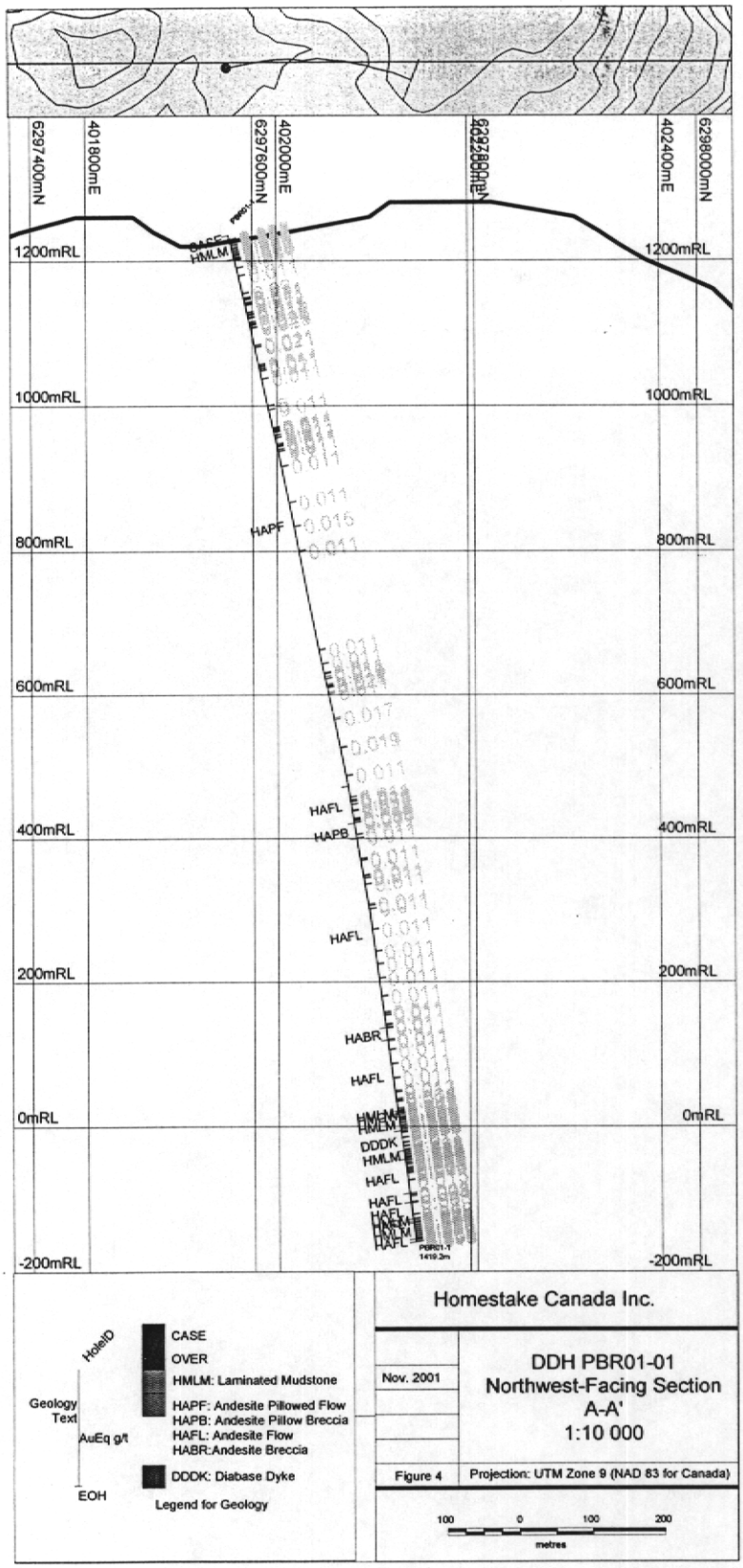
The drill hole on the property was collared in the southeastern corner of claim PBR 9 (361364), 250 m north of Central Lake (Figure 3). The hole was drilled to the northeast at an azimuth of 040° and at an inclination of –75°. Drilling started on June 14th and was completed on July 6th. The final depth of the hole was 1419.15 m and the core was removed from the property and stored at the Homestake core facility at Km 44 on the mine road.

2.2.1 Stratigraphy

A summary of the geology intersected within this drill hole is shown on Cross-Section A-A' that is depicted in Figure 4. The hole collared within laminated mudstones and quickly passed into mafic to andesitic flows. Massive and pillowed flows, together with pillow breccia, extended to a depth of 1250 metres, below which, mudstones and sandstones were interlayered within the volcanic rocks until the end of the hole. The sedimentary horizons consisted dominantly of laminated mudstone, ranging from 3 to 20 metres thick. The mudstones rarely coarsened to sandstone, which formed a single, 3 metres thick horizon near the base of the drill hole. Laminations within the mudstone were defined by either 0.1-1 cm thick siltstone beds or 0.1-


6299000 mN
6299800 mN
401500 mE
402000 mE
402500 mE
403000 mE
PBR 4, (631357)
PBR 7, (361360)
N
W
E
S
6298500 mN
A'
6298000 mN
PBR01-1
1419.2m
PBR01-1
6297500 mN
Central Lake
A
PBR 9, (361362)
PBR 10, (361363)
PBR 11, (361364)
PBR 12, (361365)
6297000 mN
Homestake Canada Inc.
Pillow Basalt Ridge
DDH and Section
A-A' Location Map
1:10 000


1200mRL
1000mRL
800mRL
600mRL
400mRL
200mRL
0mRL
PBR01-1
CASE
HMLM
0.031
0.032
0.041
0.037
0.032
0.034
HAPF
HAFL
0.046
0.078
0.039
0.031
0.036
0.038
HAPB
HAFL
HABR
HAFL
HMLM
0.064
0.045
HMGWI
0.039
HMLM
0.03
DDDK
HMLM
HAFL
HAFL
HAFL
HMLM
HAFL
HMLM
HAFL
PBR01-1
1419.15m
Geological Codes
CASE : Casing
HMLM: Laminated Mudstone
HAPF: Andesite Pillowed Flow
HAPB: Andesite Pillow Breccia
HAFL: Andesite Flow
HABR: Andesite Breccia
DDDK:Diabase Dyke
Geology
AuEq5T
> 0.03 g/t
Homestake Canada Inc.
Nov. 2001
DDH PBR01-01
Northwest-Facing Section
A-A'
1:5 000
Figure 4
Projection: UTM Zone 9 (NAD 83 for Canada)
0
50
100
200
metres


6297400mN
6297600mN
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6298000mN
401800mE
402000mE
402200mE
402400mE
1200mRL
1000mRL
800mRL
600mRL
400mRL
200mRL
0mRL
-200mRL
CASE
HMLM
HAPF
HAFL
HAPB
HABR
DDDK
HolelD
Geology Text
AuEq g/t
EOH
CASE
OVER
HMLM: Laminated Mudstone
HAPF: Andesite Pillowed Flow
HAPB: Andesite Pillow Breccia
HAFL: Andesite Flow
HABR:Andesite Breccia
DDDK: Diabase Dyke
Legend for Geology
Homestake Canada Inc.
Nov. 2001
DDH PBR01-01
Northwest-Facing Section
A-A'
1:10 000
Figure 4
Projection: UTM Zone 9 (NAD 83 for Canada)
100
0
100
200
metres

0.5 cm thick pyrite horizons comprising up to 2% of the rock. Grading within these horizons suggests that the sequence is upright. A single diabase dyke, 28 metres thick, cross-cut an andesite flow.

2.2.2 Geochemistry

A total of 227 drill core samples were collected from the PBR01-01 drill hole and submitted for ICP analysis. The rock samples were analyzed by ICP for 36 trace elements, which includes a Fire Assay with Atomic Absorption finish for Au and cold vapour AAS for Hg. The analytical procedures used by Bondar Clegg Laboratories are summarized in Appendix II.

Figure 4 shows all the sample results as they correlate with the respective geological intervals. No significant results were returned from any of the samples submitted for analysis.

3.0 CONCLUSIONS AND RECOMMENDATIONS

DDH PBR01-01 has provided a better understanding of the stratigraphy of the Pillow Basalt Ridge area. The andesite sequence is now interpreted to be much thicker than previously thought and, as a result, a re-evaluation of the property will be conducted. Although significant mineralization was absent from the hole, the geology is still promising due to the similarities that exist between these andesite flows and those that form the hanging wall sequence at the Eskay Creek Mine. The geology in the lower 150 metres of the PBR01-01 hole contained more mudstone interlayered within the andesite flows (compared with the upper portion of the hole), suggesting that a possible change in lithology could be close at hand.

Follow-up work on this property should involve continued drilling to determine the thickness of the basalt package, and to see whether the complete Eskay Creek stratigraphic sequence occurs at depth. Drilling options include extending the existing hole or choosing a new location, at a lower elevation, to cut down on the necessity to drill through the extensive basalt package.

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APPENDIX I

Statement of Expenditures

Homestake Canada Inc.
PBR Claims
Statement of Expenditures - June 5th to July 7th, 2001.

SALARIES

Technical (Field Work/Core Logging)

	Title	Period	Rate		Total
D. Gale	Geologist	June 28 - July 7	9 days @ $300.00/day	$	2,700.00
A. Buschman	Geologist	June 13 - June 28	16 days @ $300.00/day	$	4,800.00
K.Dales	Geotechnician	June 13 - June 28	16 days @ $200.00/day	$	3,200.00
M. Chataway	Geotechnician	June 28 - July 7	9 days @ $200.00/day	$	1,800.00

Technical (Report Writing)

	Title	Period	Rate		Total
D. Gale	Geologist	Nov 7 - Nov 9	3 days @ $300.00/day	$	900.00
A. Buschman	Geologist	Nov 5 - Nov 6	2 days @ $300.00/day	$	600.00
			Subtotal	**$**	**14,000.00**

DRILLING

	Total Footage	Period	Rate		Total
NQ Diamond Core Drilling	1419.15 m	June 14 - July 6	1419.15m @ $73.68 m	$	104,560.75
Materials Consumed				$	12,395.46
Services (Operating Field Cost)				$	10,279.50
Services (Non-operating Field Cost)				$	2,800.00
			Subtotal	**$**	**130,035.71**

HELICOPTER

	Total Hours	Period	Rate		Total
Hughes 500D Helicopter for Drill Support	53.85 hours	June 5 - July 7	53.85 hours @ $883.80/hour	$	47,592.63
			Subtotal	**$**	**47,592.63**

FIELD/CAMP

	Total Days	Period	Rate		
Food and Accomodation at Km 45 Exploration Camp.	1 geologist - 25 days	June 13 - July 7	25 days @ $50/day	$	1,250.00
	1 technician - 25 days	June 13 - July 7	25 days @ $50/day	$	1,250.00
	4 drillers - 96 days	June 14 - July 7	96 days @ $50/day	$	4,800.00
	1 pad builder - 5 days	June 9 - June 13	5 days @ $50/day	$	250.00
			Subtotal	**$**	**7,550.00**

ANALYTICAL COSTS

	Total Samples	Rate		
Rock Sample Prep. and Au and 36 Element ICP.	227	227 samples @ $20.74/sample	$	4,708.14
		Subtotal	**$**	**4,708.14**
		TOTAL EXPENDITURES	**$**	**203,886.48**

Apportionment of Expenditures
$_168,400.00___ to claims.
$_35,486.48___ to HCI PAC.

APPENDIX II

Drill Log

Homestake Canada Inc.

Eskay Creek Project

Diamond Drill Log

PBR01-1

North:	0.000	Date Started:	14/06/2001	Logged By:	ABDG
East:	0.000	Date Completed:	06/07/2001	Geoteched By:	KDMCJT
Length:	1419.15	Core Diameter:	NQ2	Assayed By:	Bondar Clegg
Elevation:	1235.000	Contractor:	Hy-Tech		

Depth	Dip	True Azimuth	Mine Azimuth
0.00	-75.00	40.00	17.00
0.00	-75.00	40.00	17.00
9.14	-76.00	38.50	15.50
91.44	-77.00	39.00	16.00
182.88	-77.50	39.00	16.00
274.32	-77.00	43.50	20.50
353.26	-78.50	48.00	25.00
457.20	-79.00	55.50	32.50
548.64	-78.50	40.50	17.50
645.87	-77.50	55.50	32.50
734.26	-78.50	54.50	31.50
822.96	-80.50	62.50	39.50
914.40	-80.00	58.50	35.50
1005.84	-82.00	68.50	45.50
1097.28	-82.00	63.00	40.00
1188.72	-82.00	62.50	39.50
1280.16	-81.00	71.50	48.50
1371.60	-82.00	70.50	47.50

From	To	Rocktype & Description PBR01-1
0.00	4.37	Casing

Drill hole was shut down due to depth and budgetary reasons.

From	To	Rocktype & Description PBR01-1
4.37	33.55	HW Laminated Mudstone

Thin bedded mudstone, rare silt beds.

Upper 6.5m rubbly and oxidized.

Beds 0.1-1cm. Load structures indicate tops up. Rare fine grained pyrite beds.

7.90m Bedding at 45 deg to ca; cleavage 32 deg to ca. Cleavage spacing 3mm. Bedding orientation varies slightly.

Andesite dyke at 10.00-11.40m Upper and lower contacts sharp at 55 deg to ca, sub-parallel to bedding. Calcite (and lesser chlorite amygdules (0.5-1mm) and veinlettes. Upper and lower 15cm ~15%

amygdules.

Andesite flow 14.97-16.45m , weakly brecciated with calcite infill and up to 1% very fine grained pyrite. Flow banding at 40 deg to ca. Upper 10cm brecciated laminated mudstone and andesite mix.

Lower contact offset by fracturing but concordant with underlying bedding at 50 deg to ca.

Rare andesite intervals up to 30cm. Increased andesite to lower contact. Locally sandy-textured andesite.

‹ @ 30.18 BD 75.00° ›

Lower metre hornfelsed. Lower contact 10cm graphite-calcite fault. Contact 75 deg to

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
4.57	5.79	115851	0.01	1	0	0.11	0.01	0	0.50	0
5.79	6.50	115852	0.01	1	0	0.09	0.01	0	0.50	0
6.50	8.00	115853	0.02	1	0	0.17	0.01	0	0.50	0
8.00	9.00	115854	0.02	1	0	0.14	0.01	0	1	0
9.00	10.00	115855	0.02	1	0	0.07	0.01	0	1	0
10.00	11.40	115856	0	0.50	0	0.01	0	0	0.50	0
11.40	12.40	115857	0.01	1	0	0.10	0.01	0.01	1	0
12.40	13.90	115858	0.01	1	0	0.05	0.01	0	0.50	0
13.90	14.90	115859	0.01	0.50	0	0.05	0.01	0	0.50	0
14.90	16.45	115860	0	0.50	0	0.01	0	0	0.50	0
16.45	18.00	115861	0.01	1	0	0.06	0.01	0	1	0
18.00	19.50	115862	0.02	1	0	0.08	0.01	0	1	0
19.50	21.00	115863	0.01	1	0	0.04	0.01	0	1	0
21.00	22.50	115864	0.01	1	0	0.07	0.01	0	0.50	0
22.50	24.00	115865	0	1	0	0.02	0	0	0.50	0
24.00	25.50	115866	0	0.50	0	0.01	0	0	0.50	0
25.50	27.00	115867	0.01	1	0	0.06	0.01	0	0.50	0

From	To	Rocktype & Description
ca.		
33.55	**780.00**	**HW Pillowed Andesite Flow**
		Andesite light grey, variably amygdaloidal, brecciated and veined. Carbonate fracture fill and amygdules. Lesser chlorite amygdules. Amygdules 0.5-1mm, 2-20%.
		Upper 2m with interlayered hornfelsed laminated mudstone.
		Pyrite fracture fill over 25cm at 34.55m, up to 60%.
		Rare chloritic hyaloclastite with carbonaceous mudstone fragments up to 15cm intervals.
		Pillow selvages rarely bleached and purplish-brown.
		Chloritic-carbonaceous hyaloclastite 57.00-57.61m .
		89.25-91.30m Laminated mudstone. Upper contact brecciated with pyrite blebs or angular fragments (3%) and a carbonaceous matrix. Silicious, very fine grained ash (or clay) beds with disrupted
		bedding. ‹ @ 89.60 Bd 67.00° › Lower contact sharp at 60 deg to ca. Pyrite along lower contact.
		Fractured and chloritic 94.48m-95.18m.
		96.30-99.00m Laminated mudstone with very fine silicious ash (or clay) beds. (Approx. 10% ash.) Rare fine grained pyrite in laminations. ‹ @ 97.30 BD 55.00° › Upper contact 45 deg to ca. Low
		contact 70 deg to ca. Two mm pyrite rim along lower contact.
		104.85m Pillowed flows, some bleached selvages, locally amygdaloidal (primarily chlorite filled), rare pyrite blebs.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
27.00	28.50	115868	0.01	0.50	0	0.04	0.01	0	0.50	0
28.50	30.00	115869	0.01	1	0	0.04	0.01	0	0.50	0
30.00	31.50	115870	0.01	1	0	0.09	0.01	0	0.50	0
31.50	32.50	115871	0.01	0.50	0	0.05	0	0	0.50	0
32.50	33.55	115872	0.01	1	0	0.09	0	0	0.50	0
33.55	34.50	115873	0.01	1	0	0.14	0.01	0.01	0.50	0
34.50	35.50	115874	0	1	0	0.01	0	0	1	0
35.50	36.50	115875	0	0.50	0	0.03	0	0	0.50	0
45.90	46.90	115876	0	0.50	0	0.01	0	0	0.50	0
57.00	58.00	115877	0	0.50	0	0.01	0	0	0.50	0
82.00	83.00	115878	0	1	0	0.01	0	0.06	0.50	0
88.40	89.40	115879	0	0.50	0	0.01	0	0	0.50	0
89.40	90.40	115880	0	1	0	0.05	0	0	0.50	0

From	To	Rocktype & Description
		110.18-113.20m Laminated silicious mudstone, dark grey to light grey beds. Locally very fine grained beds (ash? or clay?). Bedding 38 deg to ca. Trace to 1% pyrite laminations. Upper contact 52 d
		to ca. Lower contact irregular, fractured and disrupted bedding.
		116.32-117.47m Mudstone with irregular bedding, locally brecciated. Upper contact sharp at 10-30 deg to ca. Trace to 1% pyrite, very fine grained, disseminated, in veinlettes and rare laminae.
		Lower contact irregularly interlayered mudstone and andesite.
		122.55-127.57m Mudstone, locally laminated, rare light grey silicious ash (or clay?). Trace to 1% pyrite in blebs, veinlettes and along fractures. Upper contact sharp at 37 deg to ca. Andesite
		fragments locally. Bedding at 57 deg to ca at 125.80m. Lower contact at 57 deg to ca. Pyrite fracture fill and in stringers in lower 25 cm, 7% fine grained pyrite.
		130.55-132.80m Laminated mudstone with 15% calcite veining in upper 20cm. Lower contact sharp, parallel to bedding at 47 deg to ca.
		144.50-147.9m Brecciated with mudstone matrix (locally chloritic). 156.52-158.05m Laminated mudstone with 1% pyrite in lamations.
		Increasingly brecciated with depth. Locally mudstone matrix andesite breccia. Fragments rarely bleached. Strong chlorite alteration in few brecciated zones.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
90.40	91.30	115881	0	0.50	0	0.03	0	0	0.50	0
91.30	92.30	115882	0	0.50	0	0.01	0.01	0	0.50	0
95.30	96.30	115883	0	0.50	0	0.01	0.01	0	0.50	0
96.30	97.30	115884	0	0.50	0	0.02	0	0	0.50	0
97.30	98.17	115885	0	0.50	0	0.03	0	0	0.50	0
98.17	99.00	115886	0	0.50	0	0.02	0.01	0	0.50	0
99.00	100.00	115887	0	0.50	0	0.01	0.01	0	0.50	0
109.00	110.18	115888	0	0.50	0	0.01	0.01	0	0.50	0
110.18	111.68	115889	0.01	0.50	0	0.04	0.01	0	1	0
111.68	113.20	115890	0	0.50	0	0.01	0	0	0.50	0
113.20	114.20	115891	0	0.50	0	0.02	0	0	0.50	0
116.32	117.47	115892	0	0.50	0	0.04	0	0	0.50	0
117.47	118.57	115893	0	0.50	0	0.02	0	0	0.50	0
122.55	124.00	115894	0.01	0.50	0	0.04	0	0	0.50	0
124.00	125.50	115895	0	0.50	0	0.04	0	0.01	0.50	0
125.50	126.50	115896	0.01	1	0	0.05	0.01	0.01	1	0
127.57	128.60	115898	0	0.50	0	0.01	0	0	0.50	0

From	To	Rocktype & Description
		184.15-192.60m Strongly chloritized brecciated andesite. 20-50% chlorite. Weakly sheared in lower 2m. Trace disseminated pyrite.
		209.00-237.50m 5-10% Interpillow hyaloclastite with carbonaceous muddy matrix. Andesite fragments weakly to moderately chloritic. Locally calcite amygdules, 0.5-1mm, up to 10%.
		From 255.73m amygdules larger generally 0.5-3mm, chlorite and calcite filled.
		270.75-274.77m Sericite and chlorite alteration light grey-green and brecciated. Disseminated trace pyrite and rarely in blebs. Very fine chloritic amygdules <0.5mm.
		274.77-276.98m Fractured core, fault zone. Upper contact marked by 2mm clay and carbonate veins. Contact at 50 deg to ca. Andesite light grey (5-10% sericite alteration) with 5-10% carbonate
		veining. Veins generally 1-5mm and rarely up to 4cm. Pyrite blebs along fracture surface and in veinlettes. Trace to 2% pyrite. Lower contact gradational.
		280.25-284.70m 5-10% carbonate veining, 3-7cm wide. Rare epidote alteration (trace).
		294.20-298.34m Fracture zone, light grey, 5-10% sericite alteration, rare carbonate veins (1-3mm), andesite brecciated with 1-5% mudstone matrix that is locally chloritic. Chlorite alteration on
		fracture surfaces .
		Rare (2%) interstital mudstone with 3% pyrite in blebs from 302.52-303.25m.
		352.25-353.56 Broken core, 10 fract/m.
		366.50m 10% 0.5-3mm carbonate filled amygdules.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
130.55	131.78	115899	0.01	1	0	0.13	0.01	0.01	1	0
131.78	132.80	115900	0	0.50	0	0.01	0	0	0.50	0
155.55	156.52	115901	0	0.50	0	0.01	0	0	0.50	0
156.52	158.05	115902	0	1	0	0.04	0.01	0.03	0.50	0
158.05	159.50	115903	0	0.50	0	0.01	0	0	0.50	0
182.50	184.00	115904	0	0.50	0	0.01	0	0	0.50	0
184.00	185.50	115905	0	0.50	0	0.01	0	0	0.50	0
185.50	187.00	115906	0	0.50	0	0.01	0	0	0.50	0
187.00	188.50	115907	0	0.50	0	0.01	0	0	0.50	0
188.50	190.00	115908	0	0.50	0	0.01	0	0	0.50	0
190.00	191.50	115909	0	0.50	0	0.01	0	0	0.50	0
191.50	192.60	115910	0	1	0	0.01	0	0	0.50	0
202.70	203.70	115911	0	0.50	0	0.01	0	0	0.50	0

From	To	Rocktype & Description
		373.23-373.40m Minor fault zone. Crumbly core resulting in rounded 2-5cm core.
		384.78m 0.5-1mm chlorite filled amygdules.
		Typical andesite, few pillow selvages not much alteration, rare fractures and minor hyaloclastite.
		Rare intervals, up to 1m in length, of brecciated andesite with mudstone matrix. 1% pyrite in 1-3mm blebs and trace pyrrhotite in blebs. Minor weak patchy shearing at approx. 45 deg to ca (at
		410.40m) developed in the mudstone matrix.
		Perfect pillows at 426.42m!
		436.30-450.49m Core broken - 4/m.
		446.55-447.08m Hyaloclastite with minor, chlorite alteration.
		478.85-500.75m Brecciated, amygdaloidal and very fine grained andesite flow with mudstone matrix. Light green, very hard. Jigsaw fit breccia. Amygdules chlorite and calcite filled, 1-4mmsize. Ra
		pyrite and pyrrhotite blebs. Flow banding (?) at 75 deg to ca.
		Chlorite amygdules at 535.50m 0.5-1mm.
		561.30-565.40m Brecciated.
		585.45-587.00m Altered fine grained, veined and fractured andesite. Light greenish-yellow. 10% clay alteration, locally. Quartz veins and fracture fill, up to 7% quartz. Trace pyrite along
		fractures. 1% mudstone in irregular blebs.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
240.50	241.50	115912								
246.35	247.35	115913	0	0.50	0	0.01	0.01	0	0.50	0
271.40	272.34	115914	0	0.50	0	0.01	0	0	0.50	0
272.34	273.34	115915	0	0.50	0	0.01	0	0	0.50	0
273.34	274.77	115916	0	0.50	0	0.01	0	0	0.50	0
274.77	276.00	115917	0	0.50	0	0.01	0	0.02	0.50	0
276.00	276.98	115918	0	0.50	0	0.01	0.01	0.02	0.50	0
276.98	278.00	115919	0	0.50	0	0.01	0	0	0.50	0
278.00	279.02	115920	0	0.50	0	0	0.01	0	0.50	0
281.90	283.35	115920								
285.75	286.85	115921	0	0.50	0	0.01	0.01	0	0.50	0
294.20	295.70	115922	0	0.50	0	0.01	0	0.07	0.50	0
295.70	297.02	115923	0	0.50	0	0.01	0	0.02	0.50	0
297.02	298.34	115924	0	0.50	0	0.01	0	0	0.50	0
298.34	299.41	115925	0	0.50	0	0.01	0	0	0.50	0
302.20	303.20	115926	0	0.50	0	0.01	0	0	0.50	0
305.06	306.06	115927	0	0.50	0	0.01	0	0	0.50	0

From	To	Rocktype & Description
		589.50-600.59m 10% mudstone interstitial to andesite fragments in brecciated zones.
		603.05-604.53m Minor clay alteration and 5% sericite alteration. Trace - 1% pyrite in veinlettes. Irregular 5cm thick mudstone interval that is brecciated, with 0.2-1cm fragments, few frags are
		laminated. Mudstone has up to 3% disseminated very fine grained pyrite.
		Approx. 1% interstitial mudstone (with pyrite and rare pyrrhotite blebs) occurs in brecciated intervals.
		619.35-620.10m Fault zone, brecciated core cemented by quartz and calcite veins and stringers. 20-30% quartz, 5% irregular mudstone fragments and very minor gouge along few fractures. Fragments
		angular to rounded. Andesite fragments locally altered to sericite. 10% sericite alteration in overlying metre and underlying 50cm. 5-20% quartz and calcite veining in alteration halo.
		626.10-627.90m Veined, 1-4cm calcite veins, approx. 10 deg to ca.
		Trace -2% disseminated fine grained pyrite from 618.00m downhole.
		636.35-637.10m, 638.20-639.40m, 639.78-639.95m Laminated mudstone. Bedding 35-45 deg to ca. Few quartz veins, sub-perp to ca, 1-2cm wide. Locally interbedded with siltstone. Contacts sharp and
		sub-parallel to bedding. Trace disseminated pyrite and rare blebs up to 1cm. Interlayered andesite is commonly brecciated and contains up to 10% mudstone fragments and few fine grained pyrite «
		stringers -0.50%» and blebs.
		647.05-648.70m Mudstone and andesite sheared at 40 deg to ca. Core brittle and crumbly, graphite on fracture surfaces. 25 fract/m. Andesite bleached and 10% sericite alteration for 80cm underlyin
		few 1-5cm laminated mudstone fragments.
		648.70-683.35m Medium to fine grained greenish-grey andesite with zones of chlorite or calcite amygdules (0.5-2mm size). 1% quartz and calcite veinlettes and rare veins. Rare mudstone fragments
		(<5cm), mudstone commonly silicified. Locally brecciated with muddy carbonate matrix. Trace pyrrhotite in 1-2mm blebs.
		683.35-685.50m Fracture zone, primarily mudstone. 10 fract/m. Upper contact sheared sericitized andesite, mudstone and carbonate, shearing at 10-15 deg to ca.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
325.83	326.83	115928	0	0.50	0	0.01	0.01	0	0.50	0
376.64	377.64	115929	0	0.50	0	0.01	0.01	0	0.50	0

From	To	Rocktype & Description
		Graphitic fracture surfaces in
		mudstone. Mudstone locally silicified. Lower contact marked by sheared mudstone and calcite veins at 15 deg to ca.
		685.50-701.05m Meduim grained andesite with rare carbonate in veinlettes and along fractures. Few 1 m intervals of brecciated andesite with mudstone matrix. Mudstone with trace fine grained
		disseminated pyrite. Rare pillow selvages.
		702.65-705.10m 5% calcite veinlettes randomly oriented. 7 fract/m. 5% sericite alteration. 10% mudstone fragments.
		720.35-726.30m Brecciated with mud matrix. 5-10% mudstone, 1% pyrrhotite. Locally, strong chlorite alteration of andesite fragments.
		Rare interpillow hyaloclastite.
		10% sericite alteration and 5% clay alteration in moderately sheared interval oriented at 30 deg to ca.
		764.54-766.40 Brecciated andesite with mudstone matrix. 1% mudstone.
		Gradational lower contact. Fewer pillow selvages with depth. Appears to have graded into flows.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
410.40	411.40	115930	0.01	0.50	0	0.01	0.01	0	0.50	0
444.80	445.94	115931	0	0.50	0	0.01	0.01	0	0.50	0
446.55	447.45	115932	0	0.50	0	0.01	0.01	0	0.50	0
585.45	587.00	115933	0	0.50	0	0.01	0.01	0.02	0.50	0
605.33	606.47	115934	0	0.50	0	0.01	0	0	0.50	0
618.40	619.35	115935	0	0.50	0	0.01	0	0	0.50	0
619.35	620.10	115936	0	0.50	0	0.01	0	0.05	0.50	0
620.10	621.00	115937	0	0.50	0	0.01	0.01	0.01	0.50	0
624.35	626.80	115938	0	0.50	0	0.01	0.01	0	0.50	0
626.80	627.70	115939	0.01	0.50	0	0	0	0	0.50	0
635.00	636.35	115940	0	0.50	0	0.01	0	0	0.50	0
636.35	637.10	115941	0.01	0.50	0	0.03	0.01	0	1	0
637.10	638.15	115942	0	0.50	0	0.01	0	0	0.50	0
638.15	639.40	115944	0.01	1	0	0.03	0.01	0	1	0
639.40	640.60	115945	0	0.50	0	0.01	0	0	0.50	0

From	To	Rocktype & Description
780.00	832.32	**HW Massive Andesite Flow** Massive to brecciated andesite with rare interbedded mudstone. Fine to medium grained, medium grey colour. Rare chilled margins (flow margins or pillow selvages). 786.08-795.00m 50% plag phenocrysts (2-3mm and subhedral). Few chloritic 1-2mm amygdules. Trace pyrrhotite in blebs up to 3mm. 799.90-801.40m Veined and brecciated mudstone. 25% calcite veinlettes and stringers. 2-3% pyrite in stringers. 1% andesite fragments. Graphitic fracture surfaces. 805.50-806.40m Mudstone, locally laminated, bedding at 28 deg to ca. Rare silt beds. Trace fine grained pyrite. 813.40-815.64m Laminated mudstone, moderately fractured, 5-10% quartz-calcite veinlettes. Upper contact 35 deg to ca. Bedding 20-35 deg to ca. Underlying andesite locally brecciated with mudstone interstitially. Lower contact 20 deg to ca. 824.85-829.25m Mudstone, irregularly bedded, 05-40 deg to ca. 1% pyrite in veinlettes. Lower contact marked by 15cm of hyaloclastite.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
646.35	648.50	115946	0	0.50	0	0.01	0.01	0	0.50	0
683.35	685.50	115947	0.01	0.50	0	0.04	0.01	0	0.50	0
724.40	725.90	115948	0.01	0.50	0	0.01	0.01	0	0.50	0
725.90	726.30	115949	0	0.50	0	0.01	0.01	0	0.50	0
764.74	766.20	115950	0	0.50	0	0.01	0.01	0	0.50	0
795.22	795.70	115951	0	0.50	0	0	0	0	0.50	0
798.90	799.90	115952	0	0.50	0	0.01	0.01	0	0.50	0
799.90	801.40	115953	0	0.50	0	0.02	0.01	0	0.50	0
801.40	802.40	115954	0.04	0.50	0	0.01	0	0	0.50	0
805.50	806.40	115955	0.06	1	0	0.07	0.01	0	0.50	0
813.40	814.65	115956	0.01	0.50	0	0.04	0.01	0	0.50	0
814.65	815.65	115957	0.02	0.50	0	0.04	0.01	0	0.50	0
824.85	825.95	115958	0.03	0.50	0	0.02	0.01	0	0.50	0
825.95	827.05	115959	0.02	0.50	0	0.03	0.01	0	0.50	0
827.05	828.15	115960	0.08	0.50	0	0.03	0.01	0	0.50	0
828.15	829.25	115961	0.02	1	0	0.04	0.01	0	0.50	0
829.25	830.75	115962	0	0.50	0	0.03	0.01	0	0.50	0

From	To	Rocktype & Description
832.32	853.90	**HW Andesite Pillow Breccia**
		Fine to medium grained, medium grey andesite. Pillow selvages rarely purplish-brown colour. Interpillow mudstone and hyaloclastite (usually chloritic). Pyrrhotite in 2-4mm blebs (exceptionally
		magnetic).
		Lower contact brecciated and moderate chloritization. 15% mudstone in lower metre.
853.90	1120.00	**HW Massive Andesite Flow**
		Medium grained, medium grey, porphyritic. Locally brecciated.
		10% 1-3mm white plag phenocrysts, locally 15-20% phenocrysts.
		887.58-892.40m - Pillowed interval.
		Minor fault 892.83-893.15m Clay and chlorite altered (5-10%) andesite.
		1-5% carbonate veinlettes at all angles to ca.
		Local pyrrhotite blebs up to 5mm size.
		901.80-922.40m Bleached, light yellow-green veined andesite, 5-15% clay alteration, 5-10% sericite. Rare mudstone beds (</= 3cm). 10-20% randomly oriented quartz and carbonate veinlettes. Fracture
		zone 906.00-909.30m, approx. 20 fract/m.
		Core strongly fractured and altered at 906.15-906.35m and 907.50-907.57m.
		916.00m - Minor shearing at 40 deg to ca. Interlayered mudstone laminae.
		913.00-922.30m moderate silicification of andesite and very irregular with quartz veining and minor irregular mudstone pods
		and rarely, beds (</=1cm), locally brecciated and chlorite altered. Locally 2% fine grained disseminated pyrite.
		923.40-927.80m Bleached brecciated light grey andesite with irregular interstitial

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
830.75	831.93	115963	0	0.50	0	0.01	0	0	0.50	0
847.35	848.80	115964	0	0.50	0	0.01	0.01	0	0.50	0
852.60	853.90	115965	0	0.50	0	0.01	0.01	0	0.50	0
881.60	882.80	115966	0	0.50	0	0.01	0.01	0	0.50	0
884.35	885.40	115973	0	0.50	0	0.01	0.01	0	0.50	0
884.35	885.40	115973								
905.00	906.00	115967	0	0.50	0	0	0.01	0.01	0.50	0
906.00	907.50	115968	0	0.50	0	0	0.01	0.01	0.50	0
907.50	909.00	115969	0	0.50	0	0	0.01	0.01	0.50	0
909.00	910.50	115971	0	0.50	0	0.01	0.01	0.01	0.50	0
917.50	919.00	115972	0	0.50	0	0.01	0	0.02	0.50	0

From	To	Rocktype & Description

mudstone. Locally sheared at 40 deg to ca. 935.80-944.00m Pillowed flow. Few pillow selvages are purplish brown

Locally moderate chlorite alteration. 1% randomly oriented calcite veins, 0.2-2cm wide.

944.58-948.90m Fractured zone, 10-20 fract/m. Dark green. Moderate to strong chlorite alteration. Few carbonate veins, 0.5-2cm wide.

952.50-954.12m Fractured carbonate veined, 15-25% veining. 10 fract/m.

954.52-1011.04: Medium green weakly porphyritic andesite flow with minor flow-top breccia. Interval is mainly massive flow with 10-15% flow-top breccia separating the respective flows. Within the

flow-top breccia, angular andesite fragments occur within a greyish-white calcitic hyaloclastite matrix. Qtz/calcite veins x-cut the core and comprise 2-4% of the core. ‹ @ 983.00 bd 80.00° ›

Bedding defined by base of flow which is almost perpendicular to core axis.

1011.04-1056.60m: Same rocks as above (954.52-1011.04) but flow contacts rarely brecciated and only observed in three locations. Qtz-calcite veining still present, comprises 1-3% of rock and

typically forms 0.5-1 cm thick veins with rare pyrite xtls.

1056.6-1112.74: Fine to medium grained andesite flow with minor (3-4%) flow-top breccia. Qtz calcite veining (possibly ankerite) x-cut rock and forms 0.5 cm thick regularly oriented veins and fine

spidery veins that meander through rock. Very (!) trace pyrite and pyrrhotite occur with some of the veins.

1099.74-1101.89: Rock becomes bleached and adopts a cream colouration. Bleaching due to an increase in qtz/calcite veining within the interval.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
946.00	947.75	115974	0	0.50	0	0.01	0.01	0	0.50	0
947.75	948.90	115975	0	0.50	0	0.01	0.01	0	0.50	0
952.50	954.00	115976	0	0.50	0	0	0	0	0.50	0
981.00	982.50	115977	0	0.50	0	0.01	0.01	0	0.50	0
1012.00	1013.50	115978	0	0.50	0	0.01	0.01	0	0.50	0
1030.00	1031.50	115979	0	0.50	0	0.01	0.01	0	0.50	0
1050.00	1051.50	115980	0	0.50	0	0.01	0.01	0	0.50	0
1075.00	1076.50	115981	0	0.50	0	0.01	0	0	0.50	0
1097.24	1098.74	115982	0	0.50	0	0.01	0	0	0.50	0
1098.74	1100.24	115983	0	0.50	0	0.01	0	0.01	0.50	0

From	To	Rocktype & Description
1120.00	1137.45	**HW Andesite Flow Breccia** Dark green, flow-top brecciated and autobrecciated andesitic flow. 70-80% of rock consists of angular andesite fragments within a hyaloclasitite matrix. Brecciated sections are composed of 85-95% andesite with the remainder being hyaloclastite. 70 cm thick base of unit comprised of heterolithic mix of fragments. Only minor black mudstone clasts (2-3%) mixed in with the angular andesite clasts. Fragments also only make up 60-70% of rock, with remainder being greyish white hyaloclastite. No significant alteration or mineralization.
1137.45	1236.78	**HW Massive Andesite Flow** Dark green porphyritic massive to weakly pillowed andesite flow. Randomly spaced pillows occur within this mostly massive flow. Other flow contacts are also present. Phenos are anhedral to euhedral feldspar xtls, 1-3 mm in size and randomly disseminated thr'out flow. Xtls comprise 1-2% of the flow. Minor interflow breccia preserved between flows. No significant mineralization or alteration. Calcite veins x-cut the core, are 0.5-1 cm wide, and comprise 2-3% of the rock. 1156.55-1236.78m: Andesites, same as above. Phenos are still present in similar concentrations. Individual flows can be recognized; typically 1-1.5 m thick and separated from each other by a chill margin and, at the upper contact, brecciated andesite in a hyaloclastite/ash matrix. Sub-mm dia. chl-filled amygdules occur irregularly within these porphyritic flows. Calcite veins x-cut core,

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1100.24	1101.89	115984	0	0.50	0	0.01	0	0.01	0.50	0
1101.89	1103.07	115985	0	0.50	0	0.01	0	0	0.50	0
1114.22	1115.70	115986	0	0.50	0	0.01	0	0	0.50	0
1115.70	1117.00	115987	0	0.50	0	0.01	0	0	0.50	0
1119.00	1120.00	115988	0	0.50	0	0.01	0	0	0.50	0
1120.00	1121.00	115989	0	0.50	0	0.01	0	0	0.50	0
1136.00	1137.45	115990	0	0.50	0	0.01	0	0	0.50	0
1137.45	1139.00	115991	0	0.50	0	0	0.01	0	0.50	0
1150.00	1151.50	115992	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01
1170.00	1171.50	115993	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01
1190.00	1191.50	115994	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01

From	To	Rocktype & Description

forming a networked system of veins. Very trace concentrations of fine grained pyrite occur within these cal veins.

1209.35-1211.50m: 40% of this interval consists of interflow breccia where andesite clasts decrease to 60% of rock and occur within a mudstone and hyaloclastite matrix (this is the closest thing to

mudstone that we have had in a long time!).

1220.50-1220.97m: Massive mudstone/siltstone occuring between the andesite flows. Pyrite, pyrrhotite, qtz and calcite veins form a network within the mudstone. Pyrite comprises 4-5% of this

interval while only trace pyrrhotite.

1236.78 1240.23 HW Laminated Mudstone

Black laminated mudstone. Laminations defined by 0.2-0.5 cm thick fine to medium grd. pyrite bands. In detail, bands are not massive pyrite, just a 0.2-0.5 thick band of concentrated pyrite grains

Bedding in upper mudstone is constant while in the middle 1 metre, the same bed can be traced down the length of the core axis. Bedding within the lowermost 1.5 metres is absent and there are

ameboid-shaped blebs of andesite comprising 30-40% of the rock.

Changing bedding attitude indicates that bedding is folded.

Pyrite bands are spaced every 1-2 cm. No significant alt'n.

‹ @1237.00 bd 22.00°

1240.23 1244.72 HW Greywacke

Light grey, massive to poorly bedded siltstone. This is a grey, non-descript rock with

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1208.00	1209.50	115995	0	0.50	0.01	0.01	0.01	0.01	0.01	0.01
1209.50	1211.00	115996	0	0.60	0.01	0.01	0.01	0.01	0.01	0.01
1219.27	1220.97	115997	0	0.10	0.01	0.02	0.01	0.01	0.06	0.01
1220.97	1222.67	115998	0	0.60	0.01	0.01	0.01	0.01	0.03	0.01
1222.50	1224.00	115999	0	0.70	0.01	0.01	0.01	0.01	0.02	0.01
1232.50	1234.00	116000	0	0.60	0.01	0.02	0.01	0.01	0.04	0.01
1234.00	1235.50	116001	0.01	0.90	0.01	0.04	0.01	0.05	0.12	0.01
1235.50	1236.78	116002	0	0.40	0.01	0.01	0.01	0.02	0.04	0.01
1236.78	1238.00	116003	0.04	1.40	0.01	0.19	0.01	0.01	0.50	0.01
1238.00	1239.23	116004	0.01	0.90	0.01	0.05	0.01	0.01	0.61	0.01
1239.23	1240.23	116005	0	0.30	0.01	0.02	0.01	0.01	0.12	0.01
1240.23	1241.50	116006	0.04	0.10	0.01	0.01	0.01	0.01	0.06	0.01
1241.50	1243.00	116007	0	0.60	0.01	0.03	0.01	0.01	0.10	0.01

From	To	Rocktype & Description

wispy hints of preserved bedding. Cannot distinguish individual grains and rarely can observed a crude layeri

defined by a subtle grain size (?) change.

Rock is very hard due, most likely, to silicification. This alt'n could explain why it is very difficult to recognize original features within rock.

No significant mineralization.

1244.72 1264.74 HW Laminated Mudstone

Black laminated mudstone. Laminations are defined by pyrite bands 0.1-0.5 cm thick. Pyrite consist of sub-mm grains concentrated into the bands. ‹ @1245.00 bd 33.00° › These pyrite laminations

comprise 1-2% of the rock. Rock is moderately broken thr'out interval and badly broken between 1252.70-1259.00m.

Network of calcite veining occurs irregularly thr'out rock. Veins are sub-mm thick. Trace pyrite and pyrrhotite occur within these veins. Veining is concentrated within the lowermost 3-4 metres

that are in contact with the underlying intrusion.

1246.36-1248.09; 1250.27-1250.59; 1251.06-1252.35; Fine grained massive andesite occurs as thin flows within the mudstone.

1264.74 1292.40 Mafic-Diabase Dyke/Sill

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1243.00	1244.72	116008	0	0.10	0.01	0.01	0.01	0.01	0.04	0.01
1244.72	1245.68	116009	0	0.30	0.01	0.04	0.01	0.01	0.12	0.01
1245.68	1246.94	116010	0	0.60	0.01	0.01	0.01	0.01	0.04	0.01
1246.94	1248.09	116011	0	0.30	0.01	0.01	0.01	0.01	0.03	0.01
1248.09	1249.38	116012	0.01	1	0.01	0.10	0.01	0.01	0.45	0.01
1249.38	1250.59	116013	0	0.80	0.01	0.06	0.01	0.01	0.29	0.01
1250.59	1252.35	116014	0	0.50	0.01	0.02	0.01	0.01	0.07	0.01
1252.35	1253.64	116015	0.01	0.80	0.01	0.03	0.01	0.01	0.32	0.01
1253.64	1255.47	116016	0.01	1	0.01	0.10	0.01	0.01	0.30	0.01
1255.47	1257.00	116017	0.01	1	0.01	0.10	0.01	0.01	0.33	0.01
1257.00	1258.50	116018	0.01	0.90	0.01	0.06	0.01	0.01	0.35	0.01
1258.50	1260.00	116019	0.01	1.10	0.01	0.08	0.01	0.01	0.44	0.01
1260.00	1261.50	116020	0.01	1.40	0.01	0.16	0.01	0.01	0.63	0.01
1261.50	1263.00	116021	0.01	1.10	0.01	0.09	0.01	0.01	0.46	0.01
1263.00	1264.74	116022	0	0.70	0.01	0.02	0.01	0.01	0.08	0.01
1264.74	1266.10	116023	0	0.30	0.01	0.01	0.01	0.01	0.01	0.01
1266.10	1267.50	116024	0	0.30	0.01	0.01	0.01	0.01	0.01	0.01

From	To	Rocktype & Description

Whitish-brown feldspar-phenocrystic rich diorite porphyry. Speckled colouration caused by white feldspar phenocrysts that occur within a fine to medium grained brown hornblende-chlorite matrix.

Feldspar-phenos comprise 65% of the rock and are typically 0.1-0.5 cm in size. Lathes are observed but xtls are typically anhedral to sub-euhedral in shape. Recognizable hbl xtls are very rare in

matrix; mainly a brown matrix with anhedral clots of chlorite 0.1-0.2 mm in dia. Hbl comprises 30% while chl makes up the remaining 5%.

Chilled margins occur on upper and lower contacts of this dyke/sill. The upper chilled margins extends into the intrusive for 1-1.5 metres and looks exactly like the phorphyrtic andesite flows abov

Lower contact is similar although the chilled margin only extends over 50-70cm and the feld-phens decrease to comprise 10-20% of rock. A sill geometry is assumed because the bedding in mudstone bel

the lowermost contact is parallel to the intrusive's contact.

There is no significant mineralization or alteration within rock.

The probable interpretation for this rock is a high level or hyperbyssal intrusion and could be part of the feeder system for the overlying porphrytic andesite flows.

1292.40 1304.38 HW Laminated Mudstone

Black siliceous pyrite-laminated mudstone. Pyrite laminations are 0.1-0.5 cm thick and are composed of sub-mm sized grains mixed with fine silt and mudstone. Bedding is constant through interval,

staying at 48 degrees to core axis. Pyrite comrises 2-3% of the rock.

Thin andesite flows are interlayered within the mudstone:1300.70-1301; 1301.33-1301.53; 1301.82-1302.9. All fine grained massive, to pillowed to brecciated andesite.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1273.00	1274.50	116025	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01
1280.00	1281.50	116026	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01
1285.00	1286.50	116027	0	0.50	0.01	0.01	0.01	0.01	0.01	0.01
1290.00	1291.50	116028	0.02	0.30	0.01	0.01	0.01	0.01	0.01	0.01
1291.50	1292.40	116029	0	0.60	0.01	0.01	0.01	0.01	0.01	0.01
1292.40	1294.00	116030	0.01	0.50	0.01	0.04	0.01	0.01	0.23	0.01
1294.00	1295.50	116031	0	0.60	0.01	0.03	0.01	0.01	0.46	0.01
1295.50	1297.00	116032	0	0.40	0.01	0.03	0.01	0.01	0.36	0.01
1297.00	1298.50	116033	0.01	0.60	0.01	0.06	0.01	0.01	0.33	0.01
1298.50	1300.00	116034	0.01	0.40	0.01	0.04	0.01	0.01	0.25	0.01
1300.00	1301.00	116035	0	0.10	0.01	0.01	0.01	0.01	0.06	0.01

From	To	Rocktype & Description
		Trace calcite veining x-cuts the rock, forms 0.5-2 cm wide veins.
		No significant min. or alt'n.
1304.38	1351.56	**HW Massive Andesite Flow**
		Dark green porphyrtic andesite flow. Upper 1.5 of rock consists of an andesitic breccia and flow-top breccia, This rock grades into the porphrytic andesite. The phenos are more abundent than the
		andesite flows above but they aren't as concentrated as in the inrusive rock above. The matrix is finer and the feldspar phenos make up 45-50% of the rock. 3-5% calcite veins form a network throug
		the andesite. Phenos occur until the 1317 level where they become more and more rare until absent
		1310.51-1310.83: Interval of mudstone between the two andesite flows. Same as HMLM above.
		1317-1354.56 : Green fine grained andesite flow with sub-mm chlorite filled amygdules and rare feldspar phenocrysts. Flows are typically 1-1.5 meters thick and separated by 1-5 cm thick
		hyaloclastite zones with cancite veins.
		No significant alteration or mineralization.
		1318.59-1318.80;1319.08-1319.32;1319.59-1319.88;1320.40-1320.7: Thin pyrite

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1301.00	1301.82	116036	0	0.10	0.01	0.02	0.01	0.01	0.09	0.01
1301.82	1302.90	116037	0	0.30	0.01	0.02	0.01	0.01	0.31	0.01
1302.90	1304.38	116038	0	0.50	0.01	0.01	0.01	0.01	0.02	0.01
1304.90	1305.90	116039	0	0.60	0.01	0.01	0.01	0.01	0.04	0.01
1305.90	1307.50	116040	0.01	0.50	0.01	0.02	0.01	0.14	0.13	0.01
1307.50	1309.00	116041	0	0.30	0.01	0.01	0.01	0.01	0.02	0.01
1309.00	1310.50	116042	0	0.40	0.01	0.01	0.01	0.01	0.03	0.01
1310.50	1312.00	116043	0	0.30	0.01	0.01	0.01	0.01	0.04	0.01
1315.00	1316.50	116044	0	0.30	0.01	0.01	0.01	0.01	0.01	0.01
1316.50	1318.00	116045	0	0.10	0.01	0.01	0.01	0.01	0.01	0.01
1318.00	1319.59	116046	0	0.40	0.01	0.01	0.01	0.01	0.09	0.01
1319.59	1321.13	116047	0	0.20	0.01	0.02	0.01	0.01	0.04	0.01
1321.13	1322.50	116048	0.02	0.20	0.01	0.01	0.01	0.01	0.01	0.01
1322.50	1324.00	116049	0	0.40	0.01	0.01	0.01	0.01	0.01	0.01
1332.36	1333.90	116050	0	0.70	0.01	0.01	0.01	0.03	0.01	0.01
1350.79	1352.52	116051	0	0.50	0.01	0.01	0.01	0.01	0.01	0.01

From	To	Rocktype & Description

laminated mudstone horizons in between the flows.

1351.56 1364.01 HW Massive Andesite Flow

Greenish-grey feldspar phenocrystic rich andesite flow. Upper contact with overlying fine grained andesitic flows is sharp and well defined (two distinct flows). Feldspars comprise 40-60% of the

flow and are 0.2-0.5 cm in size. They occur within a fine grained andesite matrix (not as coarse as in the DDDK described above).

Another important difference between these flows and flows above is that individual flows cannot be distinguished on the 1-1.5 m scale. This rock is a massive, coherent unit broken up by 1-2 cm thi

calcite veins. Therefore, this rock could be an intrusive equivalent to the finer grained flows!? A subtle chilled margin exists where feldspar xtls are not recognizable and the rock is finer

grained. This chilled region extends over 60-70 cm.

1364.01 1387.40 HW Massive Andesite Flow

Dark green fine to medium grained andesite flows. Flows are variably 2-4 metres thick and recognized by sharp, well defined contacts or minor, 5-15 cm thick zones of hyalocastite and interflow

mudstone. Recognizable flow contacts are 80-90 degrees to core axis.

These flows are in dramatic contrast to the overlying rock due to lack of feldspar phenocrysts. Only one, 40 cm thick flow occurs within this interval that has the feldspar phenos.

Calcite veinlets x-cut the core, contain trace pyrite and less pyrrhotite. Veins are typically 0.2-1 cm thick and have no preferred orientation.

1387.40 1390.57 HW Laminated Mudstone

Black siliceous laminated mudstone. Laminations comprised of fine grained pyrite, light

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1352.52	1353.90	116052	0	0.30	0.01	0.01	0.01	0.01	0.06	0.01
1353.90	1354.56	116053	0	0.30	0.01	0.02	0.01	0.01	0.07	0.01
1354.56	1356.20	116054	0	0.10	0.01	0.01	0.01	0.04	0.01	0.01
1362.50	1364.01	116055	0	0.30	0.01	0.01	0.01	0.01	0.01	0.01
1364.01	1365.00	116056	0	0.40	0.01	0.01	0.01	0.01	0.05	0.01
1380.00	1381.50	116057	0	0.30	0.01	0.01	0.01	0.01	0.02	0.01
1386.00	1387.40	116058	0	0.10	0.01	0.01	0.01	0.01	0.05	0.01
1387.40	1389.00	116059	0	0.40	0.01	0.04	0.01	0.01	0.19	0.01

From	To	Rocktype & Description

grey silt/ash or a mixture of the two. Bands are typically 0.1-0.5 cm thick and occur every 4-10 cm. ‹

@1388.00 bd 60.00° ›. Pyrite bands formed synchronous with mudstone deposition.

No significant alteration or mineralization.

1390.57 1392.88 HW Massive Andesite Flow

Dark green amygdaloidal andesite flow. Single flow with quartz and chlorite-filled amyg'als diss thr'out.

1392.88 1415.15 HW Laminated Mudstone

Black, siliceous laminated mudstone. Laminations typically composed of ash and silt with only minor pyrite. Lam's are 0.2-2 cm thick and in sections, form concentrated zones of silt bands that are

20-30 cm wide. Pyrite bands only occur every 20-80 cm.

1292.88-1396.89: 3-5% of rock consists of a network of calcite and qtz veins x-cutting rock. Rare fine grained pyrite veins also occur within this veined section.

‹ @1412.00 bd 27.00° ›

No significant mineralization or alteration.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %
1389.00	1390.57	116060	0.01	1	0.01	0.09	0.01	0.01	0.45	0.01
1390.57	1391.59	116061	0	0.30	0.01	0.01	0.01	0.01	0.02	0.01
1391.59	1392.88	116062	0	0.10	0.01	0.01	0.01	0.01	0.02	0.01
1392.88	1394.40	116063	0.01	0.40	0.01	0.04	0.01	0.01	0.35	0.01
1394.40	1396.00	116064	0	0.50	0.01	0.02	0.01	0.02	0.11	0.01
1396.00	1397.50	116065	0.01	0.50	0.01	0.04	0.01	0.01	0.29	0.01
1397.50	1399.00	116066	0	0.30	0.01	0.04	0.01	0.01	0.45	0.01
1399.00	1400.50	116067	0	0.40	0.01	0.05	0.01	0.01	0.31	0.01
1400.50	1402.00	116068	0	1	0.01	0.10	0.01	0.01	0.42	0.01
1402.00	1403.50	116069	0	0.70	0.01	0.05	0.01	0.01	0.29	0.01
1403.50	1405.00	116070	0	0.50	0.01	0.03	0.01	0.01	0.38	0.01
1405.00	1406.50	116071	0	0.40	0.01	0.04	0.01	0.01	0.46	0.01
1406.50	1408.00	116072	0	0.50	0.01	0.04	0.01	0.01	0.23	0.01
1408.00	1409.50	116073	0	0.40	0.01	0.04	0.01	0.01	0.47	0.01
1409.50	1411.00	116074	0	0.20	0.01	0.02	0.01	0.01	0.25	0.01
1411.00	1412.50	116075	0	0.30	0.01	0.02	0.01	0.01	0.17	0.01
1412.50	1413.97	116076	0	0.20	0.01	0.02	0.01	0.01	0.24	0.01
1413.97	1415.15	116077	0	0.50	0.01	0.03	0.01	0.01	0.28	0.01
1415.15	1416.50	116078	0	0.10	0.01	0.02	0.01	0.01	0.03	0.01
1416.50	1417.93	116079	0	0.20	0.01	0.02	0.01	0.01	0.04	0.01
1417.93	1419.15	116080	0.01	0.40	0.01	0.01	0.01	0.01	0.05	0.01

From	To	Rocktype & Description PBR01-1
1415.15	1419.15	**HW Massive Andesite Flow**
		Greenish-grey, fine grained andesite flow with three, less than 10 cm wide, mudstone horizons. Andesite has sub-mm dia. chlorite filled amygdules.
		Trace calcite veins x-cut core; are unmineralized and typically 0.2-0.4 cm thick.
		1417.05-1417.42: Black massive mudstone which is networked by calcite veins. Trace fine grained pyrite occurs within veins.
		EOH 1419.15. Buh-bye.

From	To	Sample	Au (g/t)	Ag (g/t)	Pb %	Zn %	Cu %	As %	Hg ppm	Sb %

GEOLOGICAL SUMMARY

From	To	Rocktype & Description	PBR01-1
0.00	4.37	Casing	
4.37	33.55	HW Laminated Mudstone	
33.55	780.00	HW Pillowed Andesite Flow	
780.00	832.32	HW Massive Andesite Flow	
832.32	853.90	HW Andesite Pillow Breccia	
853.90	1120.00	HW Massive Andesite Flow	
1120.00	1137.45	HW Andesite Flow Breccia	
1137.45	1236.78	HW Massive Andesite Flow	
1236.78	1240.23	HW Laminated Mudstone	
1240.23	1244.72	HW Greywacke	
1244.72	1264.74	HW Laminated Mudstone	
1264.74	1292.40	Mafic-Diabase Dyke/Sill	
1292.40	1304.38	HW Laminated Mudstone	
1304.38	1351.56	HW Massive Andesite Flow	
1351.56	1364.01	HW Massive Andesite Flow	
1364.01	1387.40	HW Massive Andesite Flow	
1387.40	1390.57	HW Laminated Mudstone	
1390.57	1392.88	HW Massive Andesite Flow	
1392.88	1415.15	HW Laminated Mudstone	
1415.15	1419.15	HW Massive Andesite Flow	

APPENDIX III

Analytical Procedures
Bondar Clegg Labratories

MDPCSP & PSIR: Basic Rock/Drill Prep

This preparation package is suitable for base metals and fine grained Au.

The entire sample is dried, if necessary, and then crushed. Crushing is the process of reducing the particle size of the sample prior to splitting. All material crushed must meet our QC standard of 75% passing –10 mesh (2mm). Then a representative split of the sample (~250g) is taken using a rifle splitter. The next step is to pulverize the sample to 95% -150 mesh (106µ). Pulverization will accomplish 3 things:

- Create a homogeneous pulp from which a representative analytical sub-sample can be taken
- Liberate elements of interest to render them amiable to fusion and dissolution
- Minimize particle effects for techniques such as XRF

PRS1 : Soil and Sediment Prep

Soil and Stream sediments are sieved to a minus 80 mesh (180 um). The minus fraction is used for the analysis.

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Telephone: (604) 985-0681 Facsimile: (604) 985-1071

ICP Analysis of Aqua Regia Digested Geological Materials

Analytical Process

Receive samples

↓

Sort and log samples

↓

Implement sample preparation procedures, as requested by the client.

↓

Weigh 0.50 grams of sample. Control standards, blanks and duplicate samples are also inserted into the sequence.

↓

Digest with hydrochloric and nitric acid in a hot water bath. Bulk to a volume of 10.0mL with 7.2% hydrochloric acid.

↓

Analyze the sample by ICP-AES.

↓

Review data, control standards, blanks and duplicates

↓

Approve results and generate analytical report.

↓

Final verification and approval is completed.

Scope

This method is suitable for the semi-quantitative analysis of geological samples. Multiple elements can be determined from a single digest utilizing the multi-element ICP detection methods.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)
IC01	Ag	0.2	200.0
	Al	0.01%	10.00%
	As	5	10000
	Ba	1	2000
	Bi	5	2000
	Ca	0.01%	10.00%
	Cd	0.2	2000.0
	Co	1	20000
	Cr	1	20000
	Cu	1	10000
	Fe	0.01%	10.00%
	Ga	2	10000
	K	0.01%	10.00%
	La	1	2000
	Li	1	20000
	Mg	0.01%	10.00%
	Mn	1	20000
	Mo	1	10000
	Na	0.01%	10.00%
	Nb	1	10000
	Ni	1	20000
	Pb	2	10000
	S	0.01%	10.00%
	Sb	5	2000
	Sc	5	2000
	Sn	20	2000
	Sr	1	2000
	Ta	10	1000
	Te	10	2000
	Ti	0.01%	10.00%
	V	1	20000
	W	20	2000
	Y	1	2000
	Zn	1	10000
	Zr	1	5000

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Applicable Analyte Ranges (Cont'd)

A slightly modified version of this method has been developed for clients with sample matrices containing high total dissolved solids (ie. high iron concentrations). For this modified version of the method, the sample weights have been reduced, increasing the dilution factor. The applicable analyte ranges for this modified version are listed below.

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)	Element	Detection Limit (ppm)	Upper Limit (ppm)
IC01	Ag	0.2	400.0	Na	0.01%	20.00%
	Al	0.01%	20.00%	Nb	1	20000
	As	5	20000	Ni	1	20000
	Ba	1	10000	Pb	2	20000
	Bi	5	4000	S	0.01%	10.00%
	Ca	0.01%	20.00%	Sb	5	4000
	Cd	0.2	4000.0	Sc	5	4000
	Co	1	20000	Sn	20	4000
	Cr	1	40000	Sr	1	4000
	Cu	1	20000	Ta	10	2000
	Fe	0.01%	20.00%	Te	10	4000
	Ga	2	20000	Ti	0.01%	10.00%
	K	0.01%	20.00%	V	1	20000
	La	1	4000	W	20	4000
	Li	1	20000	Y	1	4000
	Mg	0.01%	10.00%	Zn	1	20000
	Mn	1	40000	Zr	1	10000
	Mo	1	20000			

In addition to the standard elements listed previously, the following element may be reported in place or in addition to the elements listed above.

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)
IC01			
	Hg	0.5	1000.0

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Precision

The tolerance criteria for variation of analytical data result from all stages of the analysis and are subject to the sample matrix and the specific technique used.

Expected tolerance criteria at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Ag, Cd (ppm)	Detection Limit		0.2	± 100%
	0.4	-	1.0	50%
	1.2	-	5.0	25%
	5.2	-	50.0	15%
	50.2	-	200.0	10%
		>	200.0	15%
Bi, Sb, Sc, As, Ce (ppm)	Detection Limit		5	± 100%
	10	-	25	50%
	30	-	50	25%
	55	-	500	15%
	505	-	2000	10%
		>	2000	15%
Cr, V, Zn, Li, Y, Nb, Ba, La, Sr, Zr (ppm)	Detection Limit		1	± 100%
	2	-	10	50%
	11	-	20	25%
	21	-	200	15%
	201	-	2000	10%
		>	2000	15%
K, Ti, Al, Ca, Fe, Na, Mg, S (%)	Detection Limit		0.01	± 100%
	0.02	-	0.05	50%
	0.06	-	0.10	25%
	0.11	-	1.00	15%
	1.01	-	10.00	10%
		>	10.00	15%
Sn, W (ppm)	Detection Limit		20	± 100%
	40	-	100	50%
	120	-	200	25%
	220	-	2000	10%
		>	2000	15%
Ni, Cu, Co, Mn, Mo, Sr(ppm)	Detection Limit		1	± 100%
	2	-	5	50%
	6	-	10	25%
	11	-	100	15%
	101	-	1000	10%
		>	1000	15%
Pb, Ga (ppm)	Detection Limit		2	± 100%
	4	-	10	50%
	12	-	20	25%
	22	-	200	15%
	202	-	2000	10%
		>	2000	15%
Te, Ta (ppm)	Detection Limit		10	± 100%
	20	-	50	50%
	60	-	100	25%
	110	-	1000	10%
		>	1000	15%
Hg (ppm)	Detection Limit		0.5	± 100%
	1.0	-	2.5	50%
	3.0	-	25.0	25%
	25.5	-	500.0	10%
		>	500.0	15%

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This table is intended as a guideline in the absence of repeatability and reproducibility data.

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Telephone: (604) 985-0681 Facsimile: (604) 985-1071

Soil, Silicate and Ore Analysis of Gold by Fire Assay Fusion and AAS Analysis

Analytical Process

Receive samples.

↓

Sort and log samples.

↓

Implement sample preparation procedures, as requested by the Client.

↓

Typically 30, 50 or 60 grams of sample is weighed. Control standards, blanks and duplicate samples are also weighed into the sequence.

↓

The samples are mixed with a litharge flux and fused, forming a lead button and molten slag. The slag is removed. The lead button containing the precious metals are cupelled, resulting in a precious metal bead.

↓

The bead is digested in aqua regia and the solution is analyzed by AA for gold.

↓

The samples, control standards, blanks and duplicate data are reviewed.

↓

Results are approved and the analytical report is generated.

↓

Final verification and approval is completed.

Scope

This method is suitable for the determination of gold in homogenous geological and low level samples by Fire Assay with an AA finish.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppb)	Upper Limit (ppb)
FA30/50/60	Au	5	10, 000

Precision

The tolerance criteria for variation of analytical data result from all stages of the analysis and are subject to the sample matrix and the specific technique used.

Expected tolerance criteria at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Au (ppb)	Detection Limit		5	± 100%
	10	-	20	50%
	25	-	50	25%
	55	-	100	20%
		>	100	15%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

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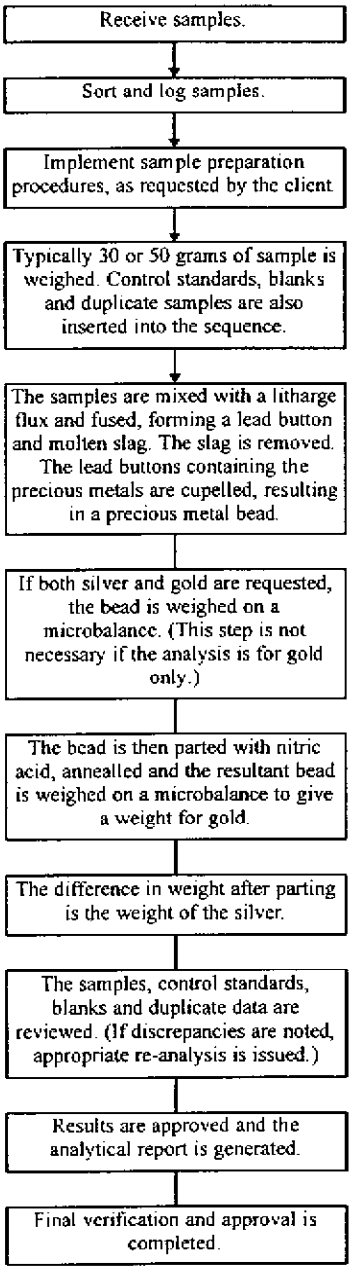
Telephone: (604) 985-0681 Facsimile: (604) 985-1071

Gravimetric Determination of Gold and Silver by Fire Assay Using Lead as a Collector

Analytical Process



Scope

This method is suitable for the determination of high level gold and silver content in ores, concentrates and mill products by Fire Assay with a gravimetric finish.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppm)	Upper Limit (ppm)
FA10/11/12/13	Ag	1.7	1, 000, 000
	Au	0.17	1, 000, 000

Precision

The precision tolerance of reported data result from all stages of the analysis and is subject to the sample matrix and the specific technique used.

Expected precision tolerance at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Ag (ppm)	Detection Limit		1.7	± 100%
	3.4	-	8.5	50%
	9.2	-	13.8	20%
	14.5	-	72.5	15%
		>	72.5	10%
Au (ppm)	Detection Limit		0.17	± 100%
	0.34	-	0.51	50%
	0.68	-	0.96	20%
	1.13	-	10.3	10%
		>	10.3	5%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

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Telephone: (604) 985-0681 Facsimile: (604) 985-1071

Determination of Mercury in Geological Materials by Automated Cold Vapor AAS Analysis

Analytical Process

Receive samples.

↓

Sort and log samples.

↓

Implement sample preparation procedures, as requested by the Client.

↓

0.5 grams of sample is weighed. Control standards, blanks and duplicate samples are also weighed into the sequence.

↓

Samples are digested in aqua regia.

↓

Samples are analyzed by using an automated flow injection method, stannous ion reduction, evolution of gaseous mercury followed by cold AAS detection.

↓

The samples, control standards, blanks and duplicate data are reviewed. (If discrepancies are noted, appropriate re-analysis is issued.)

↓

Results are approved and the analytical report is generated.

↓

Final verification and approval is completed.

Scope

This method is suitable for the measurement of trace quantities of mercury in soils, sediments, rock, water, and biota for the purposes of mineral exploration.

Applicable Analyte Ranges

Method Code	Element	Detection Limit (ppb)	Upper Limit (ppb)
CV01	Hg	10	20, 000

Precision

The tolerance criteria for variation of analytical data result from all stages of the analysis and are subject to the sample matrix and the specific technique used.

Expected tolerance criteria at various concentrations for this method are as follows:

Element	Expected Tolerance Level			
Hg (ppb)	Detection Limit		10	± 100%
	20	-	50	50%
	60	-	1000	20%
	1010	-	10000	15%
		>	10000	10%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

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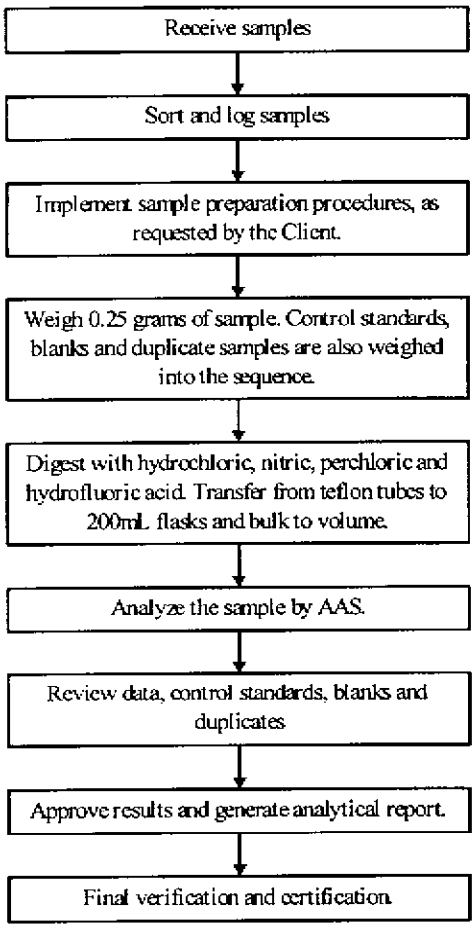
Assay Multi-Acid Digestion for the Determination of Base Metals by AAS Analysis

Analytical Process



Scope

This method is suitable for the determination of ore grade anomalies within the defined analytical ranges where the mineralisation present requires a strong mixed acid attack. Complete digestion can be obtained from this method, except for some elements, which will still remain partially undigested. The most notable are beryllium, barium, chromium, niobium, tantalum, tungsten and zirconium.

Applicable Analyte Range

Method Code	Element	Detection Limit (%)	Upper Limit (%)	Over Limit (%)
GA50	Ag	0.7 ppm	500.0	--
	Al	0.01	15.00	50.00
	As	0.01	4.00	15.00
	Bi	0.01	4.00	10.00
	Ca	0.01	15.00	50.00
	Cd	0.01	4.00	50.00
	Co	0.01	4.00	15.00
	Cu	0.01	15.00	50.00
	Fe	0.01	15.00	50.00
	K	0.01	15.00	50.00
	Mg	0.01	15.00	50.00
	Mn	0.01	15.00	50.00
	Mo	0.01	4.00	--
	Na	0.01	15.00	50.00
	Ni	0.01	4.00	15.00
	Pb	0.01	15.00	--
	Sb	0.01	15.00	--
	Te	0.01	15.00	--
	V	0.01	15.00	50.00
	Zn	0.01	15.00	50.00

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Since 1962

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Precision

The tolerance criteria for variation of analytical data result from all stages of the analysis and are subject to the sample matrix and the specific technique used.

Expected tolerance criteria at various concentrations for this method are as follows:

Element Code	Expected Tolerance Level			
Ag (ppm)	Detection Limit		0.7	± 100%
	1.4	-	3.5	50%
	4.2	-	7.0	20%
	7.7	-	70.0	10%
		>	70.0	5%
Al, As, Ca, Fe, K, Mg, Mn, Na, Pb, Sb, Te, V, Zn, Bi, Cu, Mo, Cd, Co, Ni (%)	Detection Limit		0.01	± 100%
	0.02	-	0.05	50%
	0.06	-	0.10	20%
	0.11	-	1.00	10%
	1.01	-	50.00	5%

This table is intended as a guideline in the absence of repeatability and reproducibility data.

APPENDIX IV

Assay Certificates

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01154.0 (COMPLETE)

REFERENCE: P.O. #90702

Shipment #16

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

SUBMITTED BY: KIM D.

PROJECT: ESKAY CREEK

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010630	1 Au30	Au - FA30	65	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
010630	2 Ag	Ag - ICO1	65	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	3 Cu	Cu - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	4 Pb	Pb - ICO1	65	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	5 Zn	Zn - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	6 Mo	Mo - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	7 Ni	Ni - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	8 Co	Co - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	9 Cd	Cd - ICO1	65	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	10 Bi	Bi - ICO1	65	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	11 As	As - ICO1	65	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	12 Sb	Sb - ICO1	65	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	13 Hg	Hg - CV01	65	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
010630	14 Fe	Fe - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	15 Mn	Mn - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	16 Te	Te - ICO1	65	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	17 Ba	Ba - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	18 Cr	Cr - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	19 V	V - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	20 Sn	Sn - ICO1	65	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	21 W	W - ICO1	65	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	22 La	La - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	23 Al	Al - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	24 Mg	Mg - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	25 Ca	Ca - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	26 Na	Na - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	27 K	K - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	28 Sr	Sr - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	29 Y	Y - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	30 Ga	Ga - ICO1	65	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	31 Li	Li - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	32 Nb	Nb - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	33 Sc	Sc - ICO1	65	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	34 Ta	Ta - ICO1	65	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	35 Ti	Ti - ICO1	65	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010630	36 Zr	Zr - ICO1	65	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010630	37 S	S - ICO1	65	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASM

SAMPLE TYPES	NUMBER
D DRILL CORE	65

SIZE FRACTIONS	NUMBER
2 -150	65

SAMPLE PREPARATIONS	NUMBER
CRUSH/SPLIT & PULV.	65

REPORT COPIES TO: MR. IAN CUNNINGHAM-DUNLOP

INVOICE TO: MR. IAN CUNNINGHAM-DUNLOP

BONDAR CLEGG

Geochemical Lab Report

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01154.0 (COMPLETE)

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01 PAGE 1 OF 5

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
115851		13	1.0	118	15	1084	50	123	13	19.8	<5	28	6	0.209	4.30	233	<10	35	66	386	<20	<20	6	1.43	0.73	0.36	0.07	0.22	5	14	6	11	34	13	<10	0.244	17	2.31
115852		9	0.6	63	10	927	44	117	11	15.6	<5	16	<5	0.110	3.91	312	<10	30	100	335	<20	<20	8	1.43	0.89	0.97	0.11	0.05	7	15	7	12	31	12	<10	0.228	9	1.02
115853		23	1.3	119	22	1696	54	140	12	17.6	<5	36	10	0.438	4.08	234	<10	33	48	312	<20	<20	8	1.36	0.72	0.70	0.06	0.26	6	18	5	8	29	11	<10	0.173	18	2.56
115854		24	1.2	103	22	1352	63	153	14	12.8	<5	43	18	0.794	4.33	295	<10	24	30	176	<20	<20	9	1.28	0.49	1.75	0.03	0.44	13	18	3	6	16	9	<10	0.163	16	3.64
115855		19	0.7	82	15	721	28	77	13	6.4	<5	31	6	0.808	4.21	390	<10	39	28	97	<20	<20	8	1.69	0.71	1.82	0.02	0.52	14	15	3	9	8	8	<10	0.135	8	2.99
115856		<5	0.4	25	3	140	2	17	36	0.7	<5	7	<5	0.060	8.05	1390	<10	22	23	254	<20	<20	5	2.79	2.22	5.12	0.06	0.03	21	21	9	16	22	25	<10	0.479	13	2.14
115857		10	1.0	93	13	979	45	101	16	9.2	<5	84	45	0.555	4.12	324	<10	39	17	71	<20	<20	7	1.29	0.41	1.60	0.02	0.57	25	12	<2	4	6	8	<10	<.010	4	3.33
115858		6	0.5	71	11	525	35	75	13	4.9	<5	47	28	0.426	3.72	314	<10	53	24	55	<20	<20	8	1.57	0.55	1.79	0.02	0.55	19	13	<2	8	4	6	<10	<.010	4	2.69
115859		7	0.4	71	12	528	31	71	13	4.6	<5	39	34	0.362	3.63	398	<10	63	24	70	<20	<20	7	1.74	0.67	2.21	0.02	0.57	26	12	3	8	6	7	<10	<.010	4	2.49
115860		<5	0.4	41	<2	118	7	76	41	0.5	<5	8	<5	0.012	8.45	1309	<10	51	197	228	<20	<20	5	4.30	2.99	3.87	0.29	0.05	44	24	7	23	20	21	<10	0.579	18	0.89
115861		14	0.6	77	13	597	38	87	15	5.6	<5	28	<5	0.857	4.56	374	<10	36	25	77	<20	<20	6	1.74	0.77	1.48	0.02	0.51	18	13	<2	11	6	7	<10	<.010	5	3.25
115862		16	0.9	87	24	767	42	108	17	6.6	<5	41	<5	1.324	4.62	266	<10	34	25	80	<20	<20	6	1.74	0.67	1.09	0.02	0.57	16	12	<2	10	7	8	<10	<.010	5	3.62
115863		10	0.6	64	16	398	31	99	25	2.9	<5	29	<5	0.555	5.77	818	<10	72	116	149	<20	<20	7	2.57	1.42	4.47	0.08	0.38	36	18	4	16	12	13	<10	0.178	6	2.63
115864		8	0.6	71	15	702	34	88	16	6.5	<5	45	<5	0.341	4.47	398	<10	63	36	83	<20	<20	6	1.89	0.85	2.74	0.03	0.52	31	15	2	12	7	6	<10	<.010	5	2.89
115865		<5	0.6	41	<2	216	10	76	37	1.2	<5	9	<5	0.036	7.51	1148	<10	50	176	220	<20	<20	5	3.73	3.03	4.03	0.13	0.12	27	21	6	26	18	18	<10	0.470	12	0.93
115866		<5	0.3	37	<2	133	6	82	41	0.7	<5	7	<5	0.014	8.23	1212	<10	42	207	244	<20	<20	4	4.28	3.54	3.82	0.18	0.05	32	24	8	28	22	20	<10	0.617	16	0.53
115867		9	0.6	72	13	601	32	88	20	5.1	<5	33	<5	0.438	5.46	611	<10	47	74	156	<20	<20	9	2.16	1.32	2.54	0.05	0.41	19	18	3	16	14	11	<10	0.228	12	3.55
115868		6	0.4	51	9	352	19	65	18	2.6	<5	19	<5	0.268	4.74	752	<10	71	101	134	<20	<20	8	2.30	1.39	3.71	0.06	0.38	28	17	4	16	11	12	<10	0.291	11	2.04
115869		10	0.6	61	12	392	31	89	20	3.0	<5	24	<5	0.494	4.91	598	<10	67	88	128	<20	<20	8	2.25	1.19	2.45	0.05	0.45	22	19	5	14	12	12	<10	0.300	13	2.46
115870		8	0.8	74	21	874	40	85	15	7.3	<5	30	<5	0.372	4.43	714	<10	63	55	145	<20	<20	9	1.81	0.86	3.14	0.04	0.39	26	20	3	12	13	11	<10	0.236	14	2.52
115871		7	0.4	47	17	548	35	62	8	4.7	<5	25	<5	0.282	2.98	341	<10	57	32	82	<20	<20	11	1.31	0.48	1.83	0.03	0.43	17	18	3	7	7	6	<10	0.089	12	1.95
115872		6	0.9	45	17	869	32	62	6	8.2	<5	43	<5	0.227	2.47	312	<10	69	39	88	<20	<20	10	1.18	0.29	4.22	0.03	0.31	41	15	2	6	8	<5	<10	<.010	6	1.92
115873		6	1.3	68	12	1397	36	68	10	13.5	<5	50	<5	0.483	4.87	374	<10	42	61	192	<20	<20	9	1.58	0.44	4.38	0.02	0.20	28	20	4	6	17	9	<10	0.145	19	4.58
115874		<5	0.6	43	<2	91	17	48	32	1.1	<5	41	<5	0.548	>10.00	1042	<10	5	99	169	<20	<20	1	1.45	1.12	4.87	0.05	0.03	19	14	<2	9	11	18	<10	0.339	18	>10.00
115875		<5	0.2	34	2	349	11	44	20	3.1	<5	28	<5	0.211	6.65	611	<10	19	105	148	<20	<20	3	2.49	1.06	2.92	0.03	0.08	9	15	6	8	14	14	<10	0.308	22	3.62
115876		<5	0.4	42	<2	75	6	50	33	0.2	<5	<5	<5	0.120	6.41	703	<10	10	75	126	<20	<20	2	2.82	1.19	6.48	0.08	0.02	21	14	7	8	9	10	<10	0.442	18	2.59
115877		<5	0.4	44	<2	78	3	45	34	<0.2	<5	<5	<5	0.046	6.70	977	<10	5	96	165	<20	<20	2	3.99	2.15	7.61	0.04	0.01	19	17	9	14	13	16	<10	0.472	15	0.53
115878		<5	0.7	41	<2	82	3	44	42	2.9	<5	560	10	0.037	6.92	1207	<10	178	98	141	<20	<20	2	2.80	1.99	9.41	0.03	0.29	99	18	3	33	12	22	<10	0.107	6	0.22
115879		<5	0.3	46	<2	78	5	45	32	<0.2	<5	28	<5	0.044	6.77	911	<10	22	89	161	<20	<20	2	2.75	1.73	4.81	0.11	0.05	38	19	8	18	14	12	<10	0.501	25	0.86
115880		<5	0.6	42	8	460	8	41	9	3.7	<5	45	<5	0.294	5.09	503	<10	25	109	154	<20	<20	7	2.95	0.96	3.04	0.02	0.15	13	25	9	13	14	15	<10	0.359	31	1.71

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01154.0 (COMPLETE)

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01 PAGE 2 OF 5

SAMPLE NUMBER	ELEMENT	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
115881		<5	0.4	37	17	289	14	55	14	1.8	<5	47	<5	0.336	4.81	388	<10	38	80	79	<20	<20	10	2.11	0.70	2.90	0.02	0.28	23	18	7	10	6	8	<10	0.129	15	2.90
115882		<5	<.2	51	<2	73	3	58	28	<0.2	<5	12	<5	0.029	5.66	990	<10	16	97	152	<20	<20	7	2.25	1.87	4.80	0.06	0.05	26	15	7	16	12	10	<10	0.454	21	0.38
115883		<5	<.2	55	<2	79	4	108	35	0.4	<5	14	<5	0.034	5.63	899	<10	57	127	138	<20	<20	8	3.77	2.82	4.50	0.29	0.07	72	15	5	27	10	9	<10	0.383	13	0.31
115884		<5	<.2	28	13	201	20	40	7	1.5	<5	32	5	0.176	3.25	466	<10	28	84	77	<20	<20	8	1.79	0.86	2.21	0.02	0.18	14	24	5	11	6	10	<10	0.250	20	1.10
115885		<5	<.2	24	7	285	5	24	5	2.3	<5	18	<5	0.146	3.06	438	<10	23	86	94	<20	<20	10	1.90	0.69	1.66	0.01	0.17	8	21	7	7	9	10	<10	0.233	20	0.75
115886		<5	0.3	70	8	242	6	24	13	1.8	<5	32	<5	0.214	5.53	635	<10	21	46	177	<20	<20	7	2.49	1.25	2.39	0.02	0.13	15	20	8	12	16	16	<10	0.356	22	1.79
115887		<5	<.2	55	<2	71	3	42	33	0.3	<5	7	<5	0.065	6.92	733	<10	20	63	139	<20	<20	1	3.10	2.50	2.27	0.14	0.07	31	14	5	25	11	13	<10	0.430	17	0.43
115888		<5	<.2	58	<2	67	2	39	27	<0.2	<5	<5	<5	0.025	5.61	635	<10	24	36	152	<20	<20	1	3.68	1.54	2.81	0.38	0.07	43	16	7	14	13	6	<10	0.470	19	0.35
115889		6	0.5	66	12	427	29	68	11	3.5	<5	32	<5	0.656	4.97	498	<10	34	58	193	<20	<20	9	2.32	0.91	1.77	0.02	0.16	16	22	7	13	17	14	<10	0.291	24	2.14
115890		<5	<.2	43	9	108	4	15	11	0.5	<5	15	<5	0.114	4.41	644	<10	35	63	118	<20	<20	6	1.82	0.88	1.20	0.01	0.15	9	18	6	11	10	13	<10	0.283	18	0.69
115891		<5	0.3	21	<2	150	7	22	28	0.5	<5	30	<5	0.116	>10.00	1345	<10	11	64	153	<20	<20	7	2.81	1.60	2.64	0.05	0.04	19	42	10	15	13	23	<10	0.642	23	2.78
115892		<5	0.5	42	15	395	18	49	16	3.1	<5	16	<5	0.176	7.26	779	<10	18	50	168	<20	<20	5	2.47	0.86	2.59	0.02	0.06	18	21	5	10	15	13	<10	0.359	34	2.04
115893		<5	<.2	22	<2	177	4	16	32	0.5	<5	10	5	0.076	9.73	1482	<10	12	27	112	<20	<20	9	2.68	1.46	4.28	0.05	0.03	28	52	12	14	8	12	<10	0.546	3	0.89
115894		7	0.4	46	12	360	15	36	13	2.5	<5	26	<5	0.203	5.19	776	<10	29	44	177	<20	<20	6	1.99	0.93	1.31	0.02	0.12	7	21	6	13	15	14	<10	0.244	17	1.16
115895		<5	0.3	38	11	435	26	47	6	4.2	<5	63	23	0.223	2.95	346	<10	29	91	64	<20	<20	6	1.02	0.44	2.26	0.02	0.25	26	15	3	6	6	<5	<10	<.010	4	1.24
115896		9	1.0	91	22	504	54	131	27	4.6	<5	70	34	0.740	6.72	840	<10	26	59	270	<20	<20	7	2.66	1.15	2.86	0.02	0.12	18	21	9	17	22	19	<10	0.362	28	3.76
115897		<5	0.7	62	11	455	30	94	27	4.0	<5	20	<5	0.223	6.50	947	<10	32	125	229	<20	<20	5	2.52	1.63	3.70	0.17	0.09	37	20	5	16	20	11	<10	0.435	19	2.34
115898		<5	<.2	34	<2	86	3	69	29	0.2	<5	<5	<5	0.026	6.28	801	<10	34	132	159	<20	<20	3	3.50	2.11	2.79	0.25	0.12	42	21	6	17	14	6	<10	0.640	30	0.37
115899		7	1.2	85	24	1329	60	122	16	13.0	<5	99	<5	1.102	6.21	302	<10	29	72	255	<20	<20	5	0.92	0.63	1.97	0.03	0.13	16	20	<2	7	22	12	<10	0.234	27	5.02
115900		<5	0.5	39	3	107	4	22	31	0.8	<5	39	<5	0.185	7.28	748	<10	19	43	177	<20	<20	3	1.73	1.38	5.04	0.05	0.07	22	17	6	9	15	9	<10	0.537	26	3.19
115901		<5	0.3	39	<2	99	4	27	33	0.4	<5	<5	<5	0.034	7.83	835	<10	13	30	231	<20	<20	3	2.60	1.67	3.66	0.07	0.02	20	25	9	10	20	11	<10	0.599	34	0.64
115902		<5	0.6	53	10	360	14	54	14	4.1	<5	282	30	0.387	5.25	436	<10	59	50	81	<20	<20	5	1.47	0.86	3.85	0.02	0.30	46	13	<2	14	6	6	<10	<.010	3	3.00
115903		<5	0.4	47	<2	106	4	45	35	0.5	<5	9	<5	0.103	6.77	740	<10	23	38	169	<20	<20	2	2.78	1.99	3.11	0.07	0.06	20	16	8	13	14	15	<10	0.430	18	1.12
115904		<5	0.4	49	<2	87	3	36	32	0.2	<5	6	<5	0.064	5.72	415	<10	10	43	127	<20	<20	1	3.84	1.68	3.90	0.06	0.05	13	14	9	12	10	11	<10	0.433	11	0.74
115905		<5	<.2	46	<2	87	1	32	38	0.3	<5	<5	<5	0.028	8.24	792	<10	13	50	222	<20	<20	1	4.29	3.16	2.53	0.05	0.06	18	20	6	23	19	22	<10	0.522	18	0.29
115906		<5	<.2	48	<2	91	3	32	43	0.3	<5	<5	<5	<.010	8.82	947	<10	9	57	255	<20	<20	2	5.12	3.36	3.03	0.04	0.04	22	24	8	22	22	29	<10	0.534	19	0.14
115907		<5	<.2	44	<2	82	2	30	41	<0.2	<5	<5	<5	0.013	8.75	941	<10	10	67	253	<20	<20	2	5.04	3.37	3.38	0.04	0.04	22	23	9	23	23	26	<10	0.583	20	0.15
115908		<5	<.2	44	<2	87	2	36	41	0.2	<5	<5	<5	0.015	9.29	1004	<10	13	59	246	<20	<20	2	4.79	3.56	2.82	0.03	0.05	21	24	8	25	19	27	<10	0.589	21	0.21
115909		<5	0.4	38	<2	66	2	28	25	<0.2	<5	<5	<5	<.010	4.66	546	<10	<1	75	117	<20	<20	1	3.72	1.47	6.28	0.04	<.01	28	16	7	8	10	<5	<10	0.478	10	0.21
115910		<5	0.7	38	<2	70	2	31	27	<0.2	<5	<5	<5	0.052	4.70	599	<10	2	84	129	<20	<20	2	4.35	1.27	8.29	0.04	<.01	31	15	9	8	11	5	<10	0.431	11	0.39

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01154.0 (COMPLETE)

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01 PAGE 3 OF 5

SAMPLE NUMBER	ELEMENT	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
115911		<5	0.4	45	<2	85	3	31	36	<0.2	<5	<5	<5	0.016	6.10	1185	<10	10	65	160	<20	<20	1	2.88	1.98	8.45	0.06	0.04	36	16	6	16	16	16	<10	0.459	17	0.34
116801		24	<.2	26	13	165	24	43	11	2.0	<5	133	19	0.959	3.80	860	<10	45	38	16	<20	<20	5	0.84	0.73	2.50	0.02	0.38	56	11	<2	2	<1	<5	<10	<.010	1	2.75
116802		41	0.3	18	9	146	17	20	10	1.4	<5	132	13	0.648	4.27	1066	<10	57	47	13	<20	<20	4	1.14	0.92	2.73	0.02	0.42	59	13	<2	5	<1	<5	<10	<.010	<1	2.62
116803		90	0.3	20	8	107	8	13	10	1.3	<5	120	11	0.621	3.71	999	<10	48	24	10	<20	<20	3	0.66	0.85	2.57	0.02	0.33	58	11	<2	1	<1	<5	<10	<.010	<1	2.52
116804		155	1.3	21	11	170	16	23	11	1.7	<5	130	20	0.600	3.87	954	<10	43	45	16	<20	<20	4	0.65	0.93	2.02	0.02	0.36	56	11	<2	<1	<1	<5	<10	<.010	1	2.71

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01154.0 (COMPLETE)

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01 PAGE 4 OF 5

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<0.2	<5	<5	<5	<.010	<0.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010	<1	<0.01
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<0.2	<5	<5	<5	<.010	<0.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010	<1	<0.01
Number of Analyses		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		3	0.1	<1	1	<1	<1	<1	<1	0.1	3	3	3	0.005	<0.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	0.005	<1	<0.01
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.001	<1	<0.01
HX12 Oxide		6554	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		6554	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		6600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GS91-1		-	0.8	97	6	81	2	42	22	0.3	<5	9	<5	0.041	4.89	710	<10	194	62	126	<20	<20	6	3.40	1.69	1.00	0.06	0.34	36	9	6	28	10	10	<10	0.232	9	0.03
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.8	97	6	81	2	42	22	0.3	3	9	3	0.041	4.89	710	5	194	62	126	10	10	6	3.40	1.69	1.00	0.06	0.34	36	9	6	28	10	10	5	0.232	9	0.03
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.7	95	11	80	2	40	22	0.1	1	8	1	0.044	4.74	720	<1	200	54	133	4	2	5	3.09	1.83	1.08	0.06	0.32	37	9	4	25	5	11	1	-	9	0.03
OX5 Oxide		953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET LKSD-2		-	0.3	32	39	187	2	25	18	0.9	<5	9	<5	0.152	3.78	1684	<10	197	31	45	<20	<20	56	1.66	0.63	0.57	0.04	0.25	29	31	3	16	5	6	<10	0.087	3	0.18
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.3	32	39	187	2	25	18	0.9	3	9	3	0.152	3.78	1684	5	197	31	45	10	10	56	1.66	0.63	0.57	0.04	0.25	29	31	3	16	5	6	5	0.087	3	0.18
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.8	36	40	200	2	23	16	0.8	-	9	1	0.160	3.50	1840	-	211	29	48	-	-	58	1.68	0.60	0.58	0.04	0.26	30	29	4	18	6	7	-	-	-	0.16

BONDAR CLEGG

Geochemical Lab Report

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01154.0 (COMPLETE)

DATE RECEIVED: 25-JUN-01 DATE PRINTED: 3-JUL-01 PAGE 5 OF 5

SAMPLE NUMBER	ELEMENT	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
115855		19	0.7	82	15	721	28	77	13	6.4	<5	31	6	0.808	4.21	390	<10	39	28	97	<20	<20	8	1.69	0.71	1.82	0.02	0.52	14	15	3	9	8	8	<10	0.135	8	2.99
Duplicate			0.7	83	14	736	29	80	14	6.7	<5	31	<5	0.825	4.33	402	<10	40	30	103	<20	<20	9	1.78	0.73	1.85	0.03	0.56	14	16	3	9	9	8	<10	0.139	8	3.05
115869		10	0.6	61	12	392	31	89	20	3.0	<5	24	<5	0.494	4.91	598	<10	67	88	128	<20	<20	8	2.25	1.19	2.45	0.05	0.45	22	19	5	14	12	12	<10	0.300	13	2.46
Duplicate		6																																				
115872		6	0.9	45	17	869	32	62	6	8.2	<5	43	<5	0.227	2.47	312	<10	69	39	88	<20	<20	10	1.18	0.29	4.22	0.03	0.31	41	15	2	6	8	<5	<10	<.010	6	1.92
Duplicate			0.8	47	18	911	34	64	7	8.4	<5	47	<5	0.233	2.50	325	<10	70	42	95	<20	<20	11	1.28	0.30	4.32	0.03	0.33	41	15	3	7	9	<5	<10	<.010	6	2.06
115892		<5	0.5	42	15	395	18	49	16	3.1	<5	16	<5	0.176	7.26	779	<10	18	50	168	<20	<20	5	2.47	0.86	2.59	0.02	0.06	18	21	5	10	15	13	<10	0.359	34	2.04
Duplicate			0.3	41	12	386	17	48	16	2.9	<5	15	8	0.152	7.09	763	<10	17	47	163	<20	<20	5	2.36	0.84	2.52	0.02	0.06	17	20	5	10	13	13	<10	0.350	33	2.02
115893		<5	<.2	22	<2	177	4	16	32	0.5	<5	10	5	0.076	9.73	1482	<10	12	27	112	<20	<20	9	2.68	1.46	4.28	0.05	0.03	28	52	12	14	8	12	<10	0.546	3	0.89
Duplicate		<5																																				
115909		<5	0.4	38	<2	66	2	28	25	<0.2	<5	<5	<5	<.010	4.66	546	<10	<1	75	117	<20	<20	1	3.72	1.47	6.28	0.04	<.01	28	16	7	8	10	<5	<10	0.478	10	0.21
Duplicate			0.4	38	<2	67	2	29	25	0.3	<5	<5	<5	<.010	4.65	554	<10	<1	75	115	<20	<20	<1	3.71	1.47	6.28	0.04	<.01	28	16	7	8	10	<5	<10	0.480	10	0.21

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01166.0 (COMPLETE)

REFERENCE: P.O.90702

Shipment #3

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

SUBMITTED BY: K.DALES

PROJECT: ESKAY CREEK

DATE RECEIVED: 27-JUN-01 DATE PRINTED: 4-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010703	1 Au30	Au - FA30	20	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
010703	2 Ag	Ag - ICO1	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	3 Cu	Cu - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	4 Pb	Pb - ICO1	20	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	5 Zn	Zn - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	6 Mo	Mo - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	7 Ni	Ni - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	8 Co	Co - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	9 Cd	Cd - ICO1	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	10 Bi	Bi - ICO1	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	11 As	As - ICO1	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	12 Sb	Sb - ICO1	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	13 Hg	Hg - CV01	20	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
010703	14 Fe	Fe - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	15 Mn	Mn - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	16 Te	Te - ICO1	20	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	17 Ba	Ba - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	18 Cr	Cr - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	19 V	V - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	20 Sn	Sn - ICO1	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	21 W	W - ICO1	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	22 La	La - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	23 Al	Al - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	24 Mg	Mg - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	25 Ca	Ca - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	26 Na	Na - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	27 K	K - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	28 Sr	Sr - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	29 Y	Y - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	30 Ga	Ga - ICO1	20	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	31 Li	Li - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	32 Nb	Nb - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	33 Sc	Sc - ICO1	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	34 Ta	Ta - ICO1	20	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	35 Ti	Ti - ICO1	20	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010703	36 Zr	Zr - ICO1	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010703	37 S	S - ICO1	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASM

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	20	2 -150	20	CRUSH/SPLIT & PULV.	20

REPORT COPIES TO: MR. IAN CUNNINGHAM-DUNLOP

INVOICE TO: MR. IAN CUNNINGHAM-DUNLOP

BONDAR CLEGG

Geochemical Lab Report

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01166.0 (COMPLETE)

DATE RECEIVED: 27-JUN-01 DATE PRINTED: 4-JUL-01 PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	S
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PCT
115913		<5	<.2	59	<2	102	<1	44	45	0.6	<5	<5	10	0.113	6.51	983	<10	40	99	216	<20	<20	1	2.81	3.19	5.41	0.14	0.10	41	13	10	16	<1	19	<10	0.345	21	0.36
115914		<5	<.2	34	<2	85	<1	20	40	0.4	<5	<5	26	0.040	5.59	898	<10	21	28	165	<20	<20	1	2.33	2.03	8.17	0.07	<.01	54	15	10	8	<1	<5	<10	0.530	29	0.52
115915		<5	<.2	22	<2	120	<1	10	50	0.6	<5	<5	21	0.068	8.88	1004	<10	30	11	245	<20	<20	2	2.95	3.57	2.97	0.08	0.01	20	25	16	12	6	6	<10	0.744	55	0.78
115916		<5	<.2	24	<2	113	<1	15	45	0.8	<5	7	15	0.055	7.57	1175	<10	35	31	257	<20	<20	2	2.59	3.06	5.56	0.07	0.05	59	20	13	16	3	12	<10	0.569	35	0.47
115917		<5	<.2	49	<2	87	<1	39	37	<.2	<5	163	33	0.080	5.55	1407	<10	58	55	86	<20	<20	<1	1.62	2.56	>10.00	0.02	0.39	143	12	3	11	<1	15	<10	<.010	<1	0.22
115918		<5	<.2	57	<2	84	<1	41	37	<.2	<5	230	36	0.104	5.06	1289	<10	72	40	71	<20	<20	1	1.35	2.04	>10.00	0.02	0.41	195	12	3	9	<1	15	<10	<.010	<1	0.28
115919		<5	<.2	49	<2	89	<1	41	39	0.2	<5	31	20	0.101	5.83	1224	<10	76	91	152	<20	<20	1	2.14	2.68	8.00	0.03	0.26	115	13	6	13	1	16	<10	0.105	8	0.22
115920		<5	<.2	51	<2	48	1	28	29	0.4	<5	8	14	<.010	3.15	473	<10	18	73	153	<20	<20	1	4.19	0.66	>10.00	0.02	0.01	59	10	16	5	<1	9	<10	0.296	12	0.43
115921		<5	<.2	55	<2	78	<1	39	41	0.4	<5	<5	<5	<.010	5.16	1169	<10	53	77	157	<20	<20	1	2.44	2.13	8.09	0.05	0.06	45	12	7	14	2	11	<10	0.388	23	0.16
115922		<5	<.2	26	<2	116	<1	21	42	<.2	<5	662	27	0.078	7.05	1380	<10	248	21	223	<20	<20	3	2.42	2.02	8.47	0.03	0.25	82	21	11	13	<1	17	<10	0.357	26	0.48
115923		<5	<.2	27	<2	133	<1	20	45	<.2	<5	164	15	0.074	8.73	1489	<10	64	33	289	<20	<20	3	2.77	2.83	7.01	0.03	0.14	74	22	15	14	1	21	<10	0.323	25	0.50
115924		<5	<.2	20	2	138	<1	17	44	0.8	<5	<5	9	0.081	8.50	1324	<10	51	33	296	<20	<20	4	2.78	2.40	5.92	0.04	0.15	47	22	17	11	2	16	<10	0.557	44	0.54
115925		<5	<.2	10	<2	132	<1	8	47	0.7	<5	<5	<5	0.040	8.81	1108	<10	44	20	289	<20	<20	4	2.72	2.66	3.77	0.05	0.04	38	23	17	8	5	13	<10	0.728	59	0.63
115926		<5	<.2	47	<2	88	<1	55	42	0.5	<5	5	<5	0.033	6.84	817	<10	63	72	190	<20	<20	2	2.75	3.38	3.75	0.07	0.05	23	14	11	15	5	11	<10	0.456	31	0.69
115927		<5	<.2	48	<2	81	<1	27	39	0.3	<5	<5	<5	0.021	6.18	698	<10	39	23	159	<20	<20	1	2.37	2.66	2.82	0.09	0.04	20	13	10	12	5	7	<10	0.438	28	0.50
115928		<5	<.2	51	<2	96	2	42	41	0.5	<5	8	6	0.087	6.52	570	<10	21	32	171	<20	<20	1	3.95	1.95	4.79	0.06	0.03	20	13	16	10	5	10	<10	0.413	26	1.01
115929		<5	<.2	56	<2	80	<1	26	37	0.4	<5	<5	<5	<.010	5.95	628	<10	28	14	154	<20	<20	2	3.14	1.79	2.38	0.18	0.10	53	13	9	8	5	<5	<10	0.458	31	0.13
115930		6	<.2	56	<2	110	<1	36	46	0.6	<5	<5	<5	0.069	7.39	578	<10	27	26	185	<20	<20	2	3.18	2.51	2.57	0.10	0.02	17	14	12	9	5	10	<10	0.481	32	0.59
115931		<5	<.2	67	<2	89	<1	27	43	0.5	<5	<5	<5	0.028	5.97	655	<10	16	29	174	<20	<20	<1	4.31	1.62	6.64	0.05	<.01	24	13	12	6	3	9	<10	0.422	22	0.51
115932		<5	<.2	63	<2	106	<1	33	49	0.6	<5	<5	<5	0.019	7.28	881	<10	25	36	181	<20	<20	<1	4.01	2.64	5.66	0.08	0.02	27	13	13	8	4	12	<10	0.418	22	0.26

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01166.0 (COMPLETE)

DATE RECEIVED: 27-JUN-01 DATE PRINTED: 4-JUL-01 PAGE 2 OF 3

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.010	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010	<1	<.01
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	<1	1	<1	<1	<1	<1	0.1	3	3	3	0.005	<.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	1	<1	<1	3	5	0.005	<1	<.01
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.001	<1	<.01
OX5 Oxide		963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		963	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET STSD-4		-	0.4	68	12	93	<1	26	13	0.4	<5	12	6	0.919	2.83	1249	<10	1011	34	55	<20	<20	12	1.18	0.62	1.15	0.05	0.10	64	10	2	8	2	<5	<10	0.089	<1	0.09
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.4	68	12	93	<1	26	13	0.4	3	12	6	0.919	2.83	1249	5	1011	34	55	10	10	12	1.18	0.62	1.15	0.05	0.10	64	10	2	8	2	3	5	0.089	<1	0.09
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.3	66	13	82	2	23	11	0.6	-	11	4	0.930	2.60	1200	-	999	30	51	-	-	14	1.19	-	1.13	0.05	0.12	-	11	4	10	6	5	-	-	-	0.10

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
PROJECT: ESKAY CREEK
REPORT: V01-01166.0 (COMPLETE)
DATE RECEIVED: 27-JUN-01 DATE PRINTED: 4-JUL-01 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
115919		<5	<.2	49	<2	89	<1	41	39	0.2	<5	31	20	0.101	5.83	1224	<10	76	91	152	<20	<20	1	2.14	2.68	8.00	0.03	0.26	115	13	6	13	1	16	<10	0.105	8	0.22
Duplicate			<.2	51	<2	89	<1	41	40	<.2	<5	33	19	0.098	5.95	1219	<10	75	91	151	<20	<20	1	2.20	2.56	7.96	0.03	0.24	117	13	7	14	1	16	<10	0.099	8	0.24

BONDAR CLEGG

Geochemical Lab Report

Shipment #4

REPORT: V01-01186.0 (COMPLETE)

REFERENCE: P.O.90702

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

SUBMITTED BY: K.DALES

PROJECT: ESKAY CREEK

DATE RECEIVED: 30-JUN-01 DATE PRINTED: 9-JUL-01

DATE APPROVED		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010704	1 Au30	Au - FA30	14	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
010704	2 Ag	Ag - IC01	14	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	3 Cu	Cu - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	4 Pb	Pb - IC01	14	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	5 Zn	Zn - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	6 Mo	Mo - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	7 Ni	Ni - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	8 Co	Co - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	9 Cd	Cd - IC01	14	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	10 Bi	Bi - IC01	14	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	11 As	As - IC01	14	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	12 Sb	Sb - IC01	14	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	13 Hg	Hg - CV01	14	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
010704	14 Fe	Fe - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	15 Mn	Mn - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	16 Te	Te - IC01	14	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	17 Ba	Ba - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	18 Cr	Cr - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	19 V	V - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	20 Sn	Sn - IC01	14	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	21 W	W - IC01	14	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	22 La	La - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	23 Al	Al - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	24 Mg	Mg - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	25 Ca	Ca - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	26 Na	Na - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	27 K	K - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	28 Sr	Sr - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	29 Y	Y - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	30 Ga	Ga - IC01	14	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	31 Li	Li - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	32 Nb	Nb - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	33 Sc	Sc - IC01	14	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	34 Ta	Ta - IC01	14	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	35 Ti	Ti - IC01	14	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010704	36 Zr	Zr - IC01	14	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010704 37 S	S - IC01	14	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER
D DRILL CORE	14
$ MISSING SAMPLE	1

SIZE FRACTIONS		NUMBER
2	-150	14
0	NONE	1

SAMPLE PREPARATIONS	NUMBER
OVERWEIGHT/KG	20
PULVERIZATION	14
SAMPLE SPLITS	14

NOTES: $ indicates Sample Not Received

REPORT COPIES TO: MR. IAN CUNNINGHAM-DUNLOP

INVOICE TO: MR. IAN CUNNINGHAM-DUNLOP

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01186.0 (COMPLETE)

DATE RECEIVED: 30-JUN-01 DATE PRINTED: 9-JUL-01 PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
115933		<5	0.3	51	<2	61	<1	58	31	0.9	<5	200	22	0.182	5.11	940	<10	102	157	98	<20	<20	1	2.10	2.31	7.11	0.05	0.31	81	10	<2	10	5	22	<10	<.010	<1	0.31
115934		<5	<.2	40	<2	91	<1	28	38	0.4	<5	<5	<5	0.042	6.75	777	<10	18	45	171	<20	<20	4	3.64	2.37	4.16	0.11	<.01	21	15	14	11	8	11	<10	0.450	49	0.47
115935		<5	0.4	45	<2	71	<1	51	33	0.3	<5	14	45	0.026	6.32	1032	<10	57	170	145	<20	<20	2	3.50	2.62	9.13	0.02	0.17	82	15	<2	18	7	19	<10	0.116	3	0.29
115936		<5	0.5	37	<2	63	1	42	22	1.9	<5	503	29	0.081	3.74	694	<10	38	57	28	<20	<20	1	0.53	1.63	9.86	0.02	0.31	171	6	<2	<1	1	11	<10	<.010	<1	0.27
115937		<5	0.3	62	<2	72	<1	65	38	0.4	<5	55	30	0.065	6.09	1057	<10	72	211	115	<20	<20	2	2.38	2.77	8.17	0.03	0.26	91	14	<2	19	6	22	<10	0.044	2	0.23
115938		<5	0.3	58	<2	58	<1	67	35	0.4	<5	18	<5	0.085	5.27	760	<10	70	168	114	<20	<20	1	4.01	2.12	7.25	0.04	0.07	52	10	<2	16	5	16	<10	0.102	4	0.50
115939		7	<.2	42	<2	44	<1	49	26	0.3	<5	<5	<5	0.010	3.64	588	<10	12	180	108	<20	<20	<1	3.20	1.67	>10.00	0.04	<.01	61	8	8	12	4	11	<10	0.206	12	0.26
115940		<5	<.2	44	<2	76	<1	84	37	0.4	<5	<5	<5	0.062	6.20	821	<10	70	205	166	<20	<20	4	4.43	4.93	2.13	0.14	0.18	43	12	6	33	11	18	<10	0.317	28	0.54
115941		8	0.4	60	11	336	13	52	13	3.0	<5	15	<5	0.547	4.33	348	<10	20	103	185	<20	<20	7	3.46	1.04	3.81	0.04	0.05	14	14	3	11	10	13	<10	0.199	22	2.40
115942		<5	<.2	26	4	108	8	24	15	0.6	<5	<5	<5	0.136	3.56	368	<10	15	184	75	<20	<20	4	2.72	1.05	2.31	0.05	0.03	8	18	8	9	3	12	<10	0.239	32	0.93
115943																																						
115944		6	0.6	65	14	279	20	58	16	2.1	<5	12	<5	0.553	4.91	527	<10	25	85	158	<20	<20	7	4.37	1.52	4.36	0.03	0.07	14	18	3	15	8	16	<10	0.214	20	1.69
115945		<5	<.2	45	<2	58	5	71	28	0.5	<5	<5	<5	0.116	4.69	809	<10	27	141	153	<20	<20	6	2.72	2.25	4.85	0.08	0.07	38	12	<2	16	8	13	<10	0.196	12	0.71
115946		<5	0.3	62	<2	89	2	86	39	0.4	<5	7	11	0.103	6.54	889	<10	121	235	149	<20	<20	2	4.44	2.72	7.02	0.06	0.15	68	13	<2	22	7	20	<10	0.119	4	0.65
115947		8	<.2	63	9	398	7	74	27	3.4	<5	16	<5	0.107	6.02	739	<10	23	72	223	<20	<20	3	4.06	2.29	5.37	0.07	0.04	31	16	12	14	8	15	<10	0.389	28	0.85

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
PROJECT: ESKAY CREEK
REPORT: V01-01186.0 (COMPLETE)
DATE RECEIVED: 30-JUN-01 DATE PRINTED: 9-JUL-01 PAGE 2 OF 3

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
ANALYTICAL BLANK		-	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.010	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010	<1	<.01
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	<1	1	<1	<1	<1	<1	0.1	3	3	3	0.005	<.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	1	<1	<1	3	5	0.005	<1	<.01
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.001	<1	<.01
OX5 Oxide		974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET STSD-4		-	<.2	62	12	79	1	24	11	0.5	<5	11	<5	0.869	2.70	1156	<10	938	31	52	<20	<20	14	1.16	0.62	1.06	0.05	0.11	62	11	<2	9	4	<5	<10	0.065	<1	0.09
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	62	12	79	1	24	11	0.5	3	11	3	0.869	2.70	1156	5	938	31	52	10	10	14	1.16	0.62	1.06	0.05	0.11	62	11	1	9	4	3	5	0.065	<1	0.09
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.3	66	13	82	2	23	11	0.6	-	11	4	0.930	2.60	1200	-	999	30	51	-	-	14	1.19	-	1.13	0.05	0.12	-	11	4	10	6	5	-	-	-	0.10

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01186.0 (COMPLETE)

DATE RECEIVED: 30-JUN-01 DATE PRINTED: 9-JUL-01 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
115939		7	<.2	42	<2	44	<1	49	26	0.3	<5	<5	<5	0.010	3.64	588	<10	12	180	108	<20	<20	<1	3.20	1.67	>10.00	0.04	<.01	61	8	8	12	4	11	<10	0.206	12	0.26
Duplicate			<.2	43	<2	45	<1	50	26	0.3	<5	<5	<5	<.010	3.62	598	<10	13	182	109	<20	<20	<1	3.23	1.77	>10.00	0.04	<.01	61	8	8	12	4	11	<10	0.215	12	0.27

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01236.0 (COMPLETE)

REFERENCE: P.O. #90702

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

SUBMITTED BY: M. CHATAWAY

PROJECT: ESKAY CREEK

DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010709	1 Au30	Au - FA30	25	0.005 GMT	Fire Assay of 30g	30g Fire Assay - AA
010709	2 Ag	Ag - ICO1	25	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	3 Cu	Cu - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	4 Pb	Pb - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	5 Zn	Zn - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	6 Mo	Mo - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	7 Ni	Ni - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	8 Co	Co - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	9 Cd	Cd - ICO1	25	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	10 Bi	Bi - ICO1	25	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	11 As	As - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	12 Sb	Sb - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	13 Hg	Hg - CV01	25	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
010709	14 Fe	Fe - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	15 Mn	Mn - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	16 Te	Te - ICO1	25	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	17 Ba	Ba - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	18 Cr	Cr - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	19 V	V - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	20 Sn	Sn - ICO1	25	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	21 W	W - ICO1	25	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	22 La	La - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	23 Al	Al - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	24 Mg	Mg - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	25 Ca	Ca - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	26 Na	Na - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	27 K	K - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	28 Sr	Sr - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	29 Y	Y - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	30 Ga	Ga - ICO1	25	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	31 Li	Li - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	32 Nb	Nb - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	33 Sc	Sc - ICO1	25	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	34 Ta	Ta - ICO1	25	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	35 Ti	Ti - ICO1	25	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010709	36 Zr	Zr - ICO1	25	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010709	37 S	S - ICO1	25	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASM

SAMPLE TYPES	NUMBER
D DRILL CORE	25
$ MISSING SAMPLE	1

SIZE FRACTIONS	NUMBER
2 -150	25
0 NONE	1

SAMPLE PREPARATIONS	NUMBER
OVERWEIGHT/KG	6
PULVERIZATION	25
SAMPLE SPLITS	25

NOTES: $ indicates Sample Not Received

REPORT COPIES TO: MR. IAN CUNNINGHAM-DUNLOP

INVOICE TO: MR. IAN CUNNINGHAM-DUNLOP

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
REPORT: V01-01236.0 (COMPLETE)

PROJECT: ESKAY CREEK
DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 1A(1/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
115966		<.005	<.2	0.01	<0.01	0.01	7	71	40	0.9	<5	<0.01	<0.01	0.066	7.77	706	<10	60	262	148	<20	<20	3	5.37	3.69	4.35	0.07	0.05	27	15	<2	28	6	13	<10	0.367
115967		<.005	<.2	<0.01	<0.01	<0.01	1	58	31	0.4	<5	0.01	<0.01	0.200	5.61	1110	<10	370	70	35	<20	<20	<1	0.76	2.76	8.94	0.02	0.48	210	10	<2	<1	<1	16	<10	<.010
115968		<.005	<.2	0.01	<0.01	<0.01	2	60	34	0.5	<5	0.01	<0.01	0.230	6.40	1202	<10	632	65	36	<20	<20	<1	0.68	3.11	>10.00	0.03	0.40	296	11	<2	<1	<1	18	<10	<.010
115969		<.005	<.2	0.01	<0.01	<0.01	<1	53	30	0.4	<5	0.01	<0.01	0.239	6.12	1145	<10	245	64	34	<20	<20	<1	0.76	2.81	9.72	0.02	0.45	229	9	<2	1	<1	16	<10	<.010
115970																																				
115971		<.005	<.2	<0.01	<0.01	<0.01	2	49	30	0.6	<5	0.01	<0.01	0.253	5.95	1079	<10	778	43	33	<20	<20	1	0.71	2.80	>10.00	0.02	0.47	220	11	<2	<1	<1	14	<10	<.010
115972		<.005	<.2	<0.01	<0.01	0.01	2	30	28	0.4	<5	0.02	<0.01	0.113	6.02	1056	<10	362	17	31	<20	<20	3	0.69	2.47	8.52	0.02	0.46	217	12	3	<1	<1	13	<10	<.010
115973		<.005	<.2	0.01	<0.01	0.01	7	112	37	0.8	<5	<0.01	<0.01	0.099	6.18	478	<10	118	211	95	<20	<20	1	3.63	2.54	5.15	0.10	0.05	37	8	3	18	3	<5	<10	0.258
115974		<.005	0.3	0.01	<0.01	0.01	<1	56	50	0.4	<5	<0.01	<0.01	0.023	8.34	1003	<10	133	165	205	<20	<20	1	5.29	3.88	3.82	0.03	0.06	28	15	<2	34	10	19	<10	0.444
115975		<.005	<.2	0.01	<0.01	0.01	<1	47	48	0.4	<5	<0.01	<0.01	0.016	8.17	1018	<10	107	138	211	<20	<20	2	4.83	3.86	3.29	0.04	0.07	29	15	<2	34	12	21	<10	0.450
115976		<.005	<.2	<0.01	<0.01	<0.01	1	38	19	<.2	<5	<0.01	<0.01	0.012	2.13	325	<10	18	69	38	<20	<20	<1	2.83	0.94	>10.00	0.04	0.01	58	5	<2	6	<1	<5	<10	0.165
115977		<.005	<.2	0.01	<0.01	0.01	3	53	36	0.2	<5	<0.01	<0.01	0.028	5.67	898	<10	26	139	120	<20	<20	1	4.52	2.09	>10.00	0.04	0.10	65	10	5	16	5	10	<10	0.225
115978		<.005	<.2	0.01	<0.01	<0.01	<1	49	34	0.2	<5	<0.01	<0.01	<.010	5.00	700	<10	27	91	109	<20	<20	1	3.64	1.99	7.14	0.06	0.02	55	11	<2	14	4	<5	<10	0.306
115979		<.005	<.2	0.01	<0.01	0.01	1	52	34	<.2	<5	<0.01	<0.01	<.010	4.94	688	<10	15	83	100	<20	<20	1	3.60	1.96	6.00	0.08	0.01	32	10	<2	11	4	<5	<10	0.303
115980		<.005	<.2	0.01	<0.01	<0.01	<1	52	35	0.3	<5	<0.01	<0.01	<.010	5.22	730	<10	46	102	115	<20	<20	2	3.90	2.15	7.15	0.06	0.03	51	11	<2	16	4	<5	<10	0.314
115981		<.005	<.2	<0.01	<0.01	0.01	<1	30	35	0.4	<5	<0.01	<0.01	0.021	5.14	641	<10	18	42	155	<20	<20	4	3.41	1.86	3.92	0.08	0.01	20	14	<2	12	9	6	<10	0.401
115982		<.005	<.2	<0.01	<0.01	0.01	<1	25	32	<.2	<5	<0.01	<0.01	0.045	6.36	1276	<10	487	42	110	<20	<20	5	2.32	2.24	8.87	0.04	0.25	90	13	4	9	5	14	<10	0.144
115983		<.005	<.2	<0.01	<0.01	<0.01	3	23	25	0.3	<5	0.01	<0.01	0.031	5.72	1106	<10	71	24	35	<20	<20	4	0.79	2.08	7.71	0.03	0.35	138	11	3	2	<1	12	<10	<.010
115984		<.005	<.2	<0.01	<0.01	<0.01	1	20	23	<.2	<5	<0.01	<0.01	0.033	5.27	1189	<10	72	21	34	<20	<20	4	0.83	1.77	>10.00	0.03	0.39	165	12	3	2	<1	8	<10	<.010
115985		<.005	<.2	<0.01	<0.01	0.01	<1	27	34	0.3	<5	<0.01	<0.01	0.017	6.94	1157	<10	37	50	152	<20	<20	5	3.26	2.50	9.13	0.04	0.21	86	13	5	17	8	12	<10	0.232
115986		<.005	<.2	<0.01	<0.01	0.01	<1	28	32	0.3	<5	<0.01	<0.01	0.022	6.27	1108	<10	53	26	61	<20	<20	5	1.91	2.03	6.53	0.03	0.43	95	14	7	9	2	12	<10	<.010
115987		<.005	<.2	<0.01	<0.01	0.01	1	31	38	0.4	<5	<0.01	<0.01	0.010	7.28	1030	<10	43	48	131	<20	<20	5	3.04	2.28	6.19	0.04	0.25	76	13	8	14	6	11	<10	0.128
115988		<.005	<.2	<0.01	<0.01	0.01	2	27	38	0.3	<5	<0.01	<0.01	0.010	6.63	906	<10	30	33	172	<20	<20	5	3.05	2.11	3.66	0.08	0.07	30	15	<2	17	10	7	<10	0.397
115989		<.005	<.2	<0.01	<0.01	0.01	4	28	38	0.3	<5	<0.01	<0.01	0.023	6.29	715	<10	26	37	172	<20	<20	5	3.96	1.85	3.59	0.09	0.04	16	16	4	15	9	<5	<10	0.379
115990		<.005	<.2	<0.01	<0.01	0.01	2	31	30	0.4	<5	<0.01	<0.01	0.015	5.15	846	<10	22	65	133	<20	<20	4	2.88	1.54	>10.00	0.07	0.05	46	12	<2	9	7	<5	<10	0.377
115991		<.005	<.2	0.01	<0.01	<0.01	<1	60	28	<.2	<5	<0.01	<0.01	<.010	3.83	564	<10	41	89	61	<20	<20	1	2.94	1.77	5.55	0.16	0.11	43	7	<2	14	2	<5	<10	0.233

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
REPORT: V01-01236.0 (COMPLETE)

PROJECT: ESKAY CREEK
DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 18(2/ 6)

SAMPLE NUMBER	ELEMENT Zr UNITS PPM	S PCT
115966	26	0.99
115967	<1	0.25
115968	<1	0.25
115969	<1	0.21
115970		
115971	<1	0.23
115972	<1	0.24
115973	11	1.92
115974	17	0.12
115975	19	0.09
115976	4	0.24
115977	8	0.17
115978	13	0.16
115979	14	0.18
115980	13	0.15
115981	36	0.24
115982	13	0.15
115983	<1	0.17
115984	1	0.32
115985	12	0.24
115986	<1	0.24
115987	10	0.25
115988	34	0.10
115989	39	0.17
115990	29	0.24
115991	10	0.11

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
PROJECT: ESKAY CREEK
REPORT: V01-01236.0 (COMPLETE)
DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 2A(3/ 6)

STANDARD NAME	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
OX11 Oxide		2.879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		2.879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		2.940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		<.005	<.2	<0.01	<0.01	<0.01	<1	<1	<1	<.2	<5	<0.01	<0.01	<.010	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.0
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.003	0.1	<0.01	<0.01	<0.01	<1	<1	<1	0.1	3	<0.01	<0.01	0.005	<.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	1	<1	<1	3	5	0.005
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.005	0.2	<0.01	<0.01	<0.01	1	1	1	0.1	2	<0.01	<0.01	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<0.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.00
CANMET STSD-4		-	<.2	0.01	<0.01	0.01	1	26	11	0.4	<5	<0.01	<0.01	0.905	2.89	1196	<10	873	35	47	<20	<20	13	1.18	0.70	1.13	0.04	0.10	55	10	2	8	3	<5	<10	0.06
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	0.01	<0.01	0.01	1	26	11	0.4	3	<0.01	<0.01	0.905	2.89	1196	5	873	35	47	10	10	13	1.18	0.70	1.13	0.04	0.10	55	10	2	8	3	3	5	0.06
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.3	0.01	<0.01	0.01	2	23	11	0.6	-	<0.01	<0.01	0.930	2.60	1200	-	999	30	51	-	-	14	1.19	-	1.13	0.05	0.12	-	11	4	10	6	5	-	-

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
REPORT: V01-01236.0 (COMPLETE)

PROJECT: ESKAY CREEK
DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 2B(4/ 6)

STANDARD NAME	ELEMENT UNITS	Zr PPM	S PCT
OX11 Oxide		-	-
Number of Analyses		-	-
Mean Value		-	-
Standard Deviation		-	-
Accepted Value		-	-
ANALYTICAL BLANK		<1	<.01
Number of Analyses		1	1
Mean Value		<1	<.01
Standard Deviation		-	-
Accepted Value		<1	<.01
CANMET STSD-4		<1	0.09
Number of Analyses		1	1
Mean Value		<1	0.09
Standard Deviation		-	-
Accepted Value		-	0.10

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01236.0 (COMPLETE)

DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 3A(5/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
115973		<.005	<.2	0.01	<0.01	0.01	7	112	37	0.8	<5	<0.01	<0.01	0.099	6.18	478	<10	118	211	95	<20	<20	1	3.63	2.54	5.15	0.10	0.05	37	8	3	18	3	<5	<10	0.258
Duplicate			<.2	0.01	<0.01	0.01	7	113	37	0.7	<5	<0.01	<0.01	0.093	6.16	476	<10	121	210	93	<20	<20	1	3.57	2.65	5.08	0.10	0.05	36	8	3	18	2	<5	<10	0.266
115985		<.005	<.2	<0.01	<0.01	0.01	<1	27	34	0.3	<5	<0.01	<0.01	0.017	6.94	1157	<10	37	50	152	<20	<20	5	3.26	2.50	9.13	0.04	0.21	86	13	5	17	8	12	<10	0.232
Duplicate		<.005																																	
115991		<.005	<.2	0.01	<0.01	<0.01	<1	60	28	<.2	<5	<0.01	<0.01	<.010	3.83	564	<10	41	89	61	<20	<20	1	2.94	1.77	5.55	0.16	0.11	43	7	<2	14	2	<5	<10	0.233
Duplicate			<.2	0.01	<0.01	<0.01	2	60	28	<.2	<5	<0.01	<0.01	<.010	3.79	558	<10	40	87	59	<20	<20	1	2.88	1.79	5.43	0.16	0.10	42	7	<2	14	1	<5	<10	0.231

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
REPORT: V01-01236.0 (COMPLETE)

PROJECT: ESKAY CREEK
DATE RECEIVED: 06-JUL-01 DATE PRINTED: 11-JUL-01 PAGE 3B(6/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Zr PPM	S PCT
115973		11	1.92
Duplicate		11	1.94
115985		12	0.24
Duplicate			
115991		10	0.11
Duplicate		10	0.12

BONDAR CLEGG

Geochemical Lab Report

REPORT: V01-01295.0 (COMPLETE)

REFERENCE: P.O. #90702

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

SUBMITTED BY: K. DALES

PROJECT: ESKAY CREEK

DATE RECEIVED: 17-JUL-01 DATE PRINTED: 23-JUL-01

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010718 1 Au30	Au - FA30	89	0.005 GMT	Fire Assay of 30g	30g Fire Assay - AA
010718 2 Ag	Ag - ICO1	89	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 3 Cu	Cu - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 4 Pb	Pb - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 5 Zn	Zn - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 6 Mo	Mo - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 7 Ni	Ni - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 8 Co	Co - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 9 Cd	Cd - ICO1	89	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 10 Bi	Bi - ICO1	89	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 11 As	As - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 12 Sb	Sb - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 13 Hg	Hg - CVO1	89	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA
010718 14 Fe	Fe - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 15 Mn	Mn - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 16 Te	Te - ICO1	89	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 17 Ba	Ba - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 18 Cr	Cr - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 19 V	V - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 20 Sn	Sn - ICO1	89	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 21 W	W - ICO1	89	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 22 La	La - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 23 Al	Al - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 24 Mg	Mg - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 25 Ca	Ca - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 26 Na	Na - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 27 K	K - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 28 Sr	Sr - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 29 Y	Y - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 30 Ga	Ga - ICO1	89	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 31 Li	Li - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 32 Nb	Nb - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 33 Sc	Sc - ICO1	89	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 34 Ta	Ta - ICO1	89	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 35 Ti	Ti - ICO1	89	0.010 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
010718 36 Zr	Zr - ICO1	89	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
010718 37 S	S - ICO1	89	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER
D DRILL CORE	89

SIZE FRACTIONS	NUMBER
2 -150	89

SAMPLE PREPARATIONS	NUMBER
CRUSH/SPLIT & PULV.	89
RIVER ROCK CLEANING	89
OVERWEIGHT/KG	0
SILICA CLEANING	89

REPORT COPIES TO: MR. IAN CUNNINGHAM-DUNLOP

INVOICE TO: MR. IAN CUNNINGHAM-DUNLOP

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE

PROJECT: ESKAY CREEK

REPORT: V01-01295.0 (COMPLETE)

DATE RECEIVED: 17-JUL-01 DATE PRINTED: 23-JUL-01 PAGE 1A(1/12)

SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
115992		<.005	0.4	0.01	<0.01	<0.01	1	59	24	0.2	<5	<0.01	<0.01	<.010	3.53	438	<10	14	110	53	<20	<20	3	3.53	1.64	5.92	0.25	0.06	46	7	5	16	3	<5	<10	0.225
115993		<.005	0.4	0.01	<0.01	0.01	2	62	27	0.4	<5	<0.01	<0.01	0.013	4.42	493	<10	9	169	88	<20	<20	4	4.27	2.09	7.21	0.12	0.04	45	9	7	21	6	6	<10	0.267
115994		<.005	0.4	0.01	<0.01	0.01	1	66	30	0.4	<5	<0.01	<0.01	<.010	5.23	675	<10	10	140	98	<20	<20	4	4.49	2.42	5.61	0.08	0.03	30	10	6	24	8	6	<10	0.315
115995		<.005	0.5	0.01	<0.01	0.01	2	49	27	0.4	<5	<0.01	<0.01	0.014	4.77	685	<10	28	150	105	<20	<20	4	4.33	2.55	6.04	0.16	0.07	40	9	6	23	8	9	<10	0.288
115996		<.005	0.6	<0.01	<0.01	0.01	2	66	28	0.2	<5	<0.01	<0.01	0.012	4.96	686	<10	7	126	107	<20	<20	6	4.28	1.96	8.05	0.08	0.02	34	11	7	15	8	8	<10	0.32
115997		<.005	<.2	0.01	<0.01	0.02	4	84	36	2.2	<5	<0.01	<0.01	0.059	6.50	877	<10	15	186	173	<20	<20	4	4.43	2.52	6.34	0.06	0.02	45	14	<2	23	10	11	<10	0.340
115998		<.005	0.6	<0.01	<0.01	0.01	3	73	32	0.6	<5	<0.01	<0.01	0.033	5.58	921	<10	16	179	130	<20	<20	6	2.98	2.41	6.83	0.05	0.16	84	12	5	26	9	12	<10	0.246
115999		<.005	0.7	<0.01	<0.01	0.01	3	75	33	0.5	<5	<0.01	<0.01	0.015	5.34	854	<10	16	227	126	<20	<20	7	3.01	2.66	7.90	0.05	0.14	105	10	4	33	11	12	<10	0.09
116000		<.005	0.6	<0.01	<0.01	0.02	4	83	28	1.2	<5	<0.01	<0.01	0.036	4.72	731	<10	17	128	125	<20	<20	7	3.45	1.54	8.07	0.06	0.03	48	11	7	20	10	9	<10	0.30
116001		0.006	0.9	0.01	<0.01	0.04	15	94	32	5.4	<5	0.05	<0.01	0.124	5.61	952	<10	48	146	110	<20	<20	8	2.27	2.08	9.78	0.03	0.38	138	12	4	13	9	15	<10	0.14
116002		<.005	0.4	<0.01	<0.01	0.01	12	109	31	1.8	<5	0.02	<0.01	0.037	5.31	824	<10	71	103	107	<20	<20	9	2.22	2.03	5.91	0.05	0.43	156	11	2	21	8	12	<10	<.01
116003		0.039	1.4	0.01	<0.01	0.19	24	93	14	17.0	<5	<0.01	0.01	0.498	4.84	280	<10	41	39	133	<20	<20	10	1.81	0.93	1.18	0.05	0.53	32	12	3	12	11	8	<10	0.1
116004		0.011	0.9	0.01	<0.01	0.05	21	110	15	4.1	<5	<0.01	<0.01	0.612	4.43	325	<10	66	45	104	<20	<20	11	1.70	0.92	1.83	0.05	0.47	36	13	3	11	8	9	<10	0.1
116005		<.005	0.3	0.01	<0.01	0.02	25	84	23	1.5	<5	<0.01	<0.01	0.123	5.52	587	<10	70	132	145	<20	<20	12	2.42	1.79	2.47	0.06	0.27	36	16	7	23	12	15	<10	0.3
116006		0.043	<.2	<0.01	<0.01	0.01	7	13	5	0.7	<5	<0.01	<0.01	0.057	2.40	247	<10	43	87	34	<20	<20	8	0.80	0.47	2.42	0.06	0.13	27	15	2	6	2	8	<10	0.1
116007		<.005	0.6	<0.01	<0.01	0.03	13	56	11	2.4	<5	<0.01	<0.01	0.102	3.64	404	<10	34	88	87	<20	<20	9	1.24	0.84	3.91	0.06	0.17	46	19	3	12	7	10	<10	0.259
116008		<.005	<.2	<0.01	<0.01	0.01	13	9	4	0.7	<5	<0.01	<0.01	0.041	2.18	154	<10	6	90	33	<20	<20	8	0.45	0.29	2.00	0.09	<.01	22	18	<2	3	2	8	<10	0.205
116009		<.005	0.3	0.01	<0.01	0.04	44	63	11	3.1	<5	<0.01	<0.01	0.124	4.72	471	<10	81	48	112	<20	<20	11	2.07	1.36	1.61	0.05	0.43	27	15	4	17	10	10	<10	0.313
116010		<.005	0.6	0.01	<0.01	0.01	5	95	36	0.8	<5	<0.01	<0.01	0.037	7.10	1217	<10	58	256	187	<20	<20	6	3.71	3.37	3.85	0.18	0.09	47	16	8	35	15	23	<10	0.369
116011		<.005	0.3	0.01	<0.01	0.01	3	101	39	0.4	<5	<0.01	<0.01	0.026	7.45	1042	<10	51	223	165	<20	<20	4	4.38	3.98	3.70	0.26	0.09	47	14	7	37	13	19	<10	0.36
116012		0.010	1.0	0.01	<0.01	0.10	29	143	13	7.8	<5	<0.01	<0.01	0.450	4.67	375	<10	61	33	117	<20	<20	11	1.90	1.07	1.56	0.06	0.55	28	15	3	14	9	9	<10	0.30
116013		<.005	0.8	0.01	<0.01	0.06	36	179	22	4.0	<5	<0.01	<0.01	0.293	5.63	680	<10	87	103	134	<20	<20	11	2.22	1.43	3.75	0.10	0.36	52	14	4	19	10	13	<10	0.28
116014		<.005	0.5	0.01	<0.01	0.02	8	114	38	1.2	<5	<0.01	<0.01	0.070	6.57	864	<10	115	196	160	<20	<20	6	4.13	2.84	4.38	0.32	0.23	70	14	6	27	12	18	<10	0.33
116015		0.006	0.8	0.01	<0.01	0.03	27	76	19	2.6	<5	0.01	<0.01	0.322	4.56	448	<10	80	51	73	<20	<20	9	1.83	1.00	3.44	0.05	0.53	76	10	2	17	5	7	<10	<.01
116016		0.006	1.0	0.01	<0.01	0.10	25	69	13	10.1	<5	0.01	<0.01	0.296	3.50	274	<10	98	43	82	<20	<20	8	1.35	0.60	3.13	0.04	0.49	51	9	<2	10	6	<5	<10	0.013
116017		0.011	1.0	0.01	<0.01	0.10	25	75	18	7.7	<5	<0.01	<0.01	0.333	4.71	453	<10	56	70	109	<20	<20	9	1.90	1.12	3.97	0.04	0.47	50	13	4	16	9	8	<10	0.162
116018		0.011	0.9	0.01	<0.01	0.06	28	112	15	4.7	<5	<0.01	<0.01	0.351	4.86	410	<10	76	61	120	<20	<20	11	1.86	1.07	3.30	0.04	0.44	33	14	4	17	10	10	<10	0.304
116019		0.009	1.1	0.01	<0.01	0.08	18	91	26	6.5	<5	<0.01	<0.01	0.435	8.19	760	<10	39	133	270	<20	<20	8	3.86	2.15	3.89	0.04	0.09	27	14	7	30	23	19	<10	0.374
116020		0.014	1.4	0.01	<0.01	0.16	22	98	12	13.8	<5	<0.01	<0.01	0.632	6.58	380	<10	23	90	339	<20	<20	9	3.07	0.83	5.30	0.03	0.07	31	12	5	14	28	11	<10	0.225
116021		0.011	1.1	0.01	<0.01	0.09	25	87	13	7.7	<5	<0.01	<0.01	0.457	4.93	352	<10	59	68	182	<20	<20	11	2.40	0.95	2.21	0.05	0.38	18	15	4	15	16	11	<10	0.344

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
PROJECT: ESKAY CREEK
REPORT: V01-01295.0 (COMPLETE)
DATE RECEIVED: 17-JUL-01 DATE PRINTED: 23-JUL-01 PAGE 1B(2/12)

SAMPLE NUMBER	ELEMENT	Zr	S
	UNITS	PPM	PCT
115992		3	0.12
115993		3	0.17
115994		7	0.11
115995		4	0.20
115996		14	0.25
115997		25	0.70
115998		12	0.21
115999		2	0.14
116000		14	0.42
116001		7	0.84
116002		<1	0.59
116003		6	2.80
116004		8	2.43
116005		12	1.70
116006		9	1.06
116007		13	1.75
116008		22	1.29
116009		23	1.83
116010		13	0.96
116011		7	0.78
116012		20	2.40
116013		17	2.74
116014		8	1.35
116015		2	2.37
116016		2	2.06
116017		4	2.30
116018		8	2.57
116019		18	3.50
116020		16	4.62
116021		15	2.85

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
REPORT: V01-01295.0 (COMPLETE)

PROJECT: ESKAY CREEK
DATE RECEIVED: 17-JUL-01 DATE PRINTED: 23-JUL-01 PAGE 2A(3/12)

SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
116022		<.005	0.7	0.01	<0.01	0.02	10	50	30	2.2	<5	0.01	<0.01	0.076	6.42	791	<10	14	139	196	<20	<20	7	4.38	2.18	5.91	0.03	0.05	34	16	9	28	16	19	<10	0.409
116023		<.005	0.3	<0.01	<0.01	<0.01	2	48	29	0.5	<5	<0.01	<0.01	<.010	4.57	635	<10	54	71	105	<20	<20	3	4.33	2.27	3.60	0.21	0.18	41	8	3	33	9	6	<10	0.267
116024		<.005	0.3	0.01	<0.01	0.01	2	44	25	0.4	<5	<0.01	<0.01	<.010	4.26	467	<10	33	43	83	<20	<20	3	4.71	1.98	3.17	0.34	0.10	58	7	4	28	5	<5	<10	0.237
116025		<.005	0.4	<0.01	<0.01	<0.01	<1	50	26	0.3	<5	<0.01	<0.01	<.010	4.29	494	<10	30	52	82	<20	<20	4	6.36	2.50	4.28	0.43	0.07	57	7	5	28	6	<5	<10	0.225
116026		<.005	0.4	<0.01	<0.01	<0.01	2	55	26	0.3	<5	<0.01	<0.01	<.010	3.69	396	<10	48	37	74	<20	<20	3	6.25	1.78	4.74	0.64	0.08	87	6	6	22	5	<5	<10	0.230
116027		<.005	0.5	<0.01	<0.01	<0.01	1	51	25	0.2	<5	<0.01	<0.01	<.010	3.93	414	<10	25	40	65	<20	<20	3	5.77	2.43	4.18	0.40	0.05	54	7	6	28	5	<5	<10	0.233
116028		0.019	0.3	0.01	<0.01	<0.01	2	44	24	0.3	<5	<0.01	<0.01	<.010	4.00	490	<10	65	38	81	<20	<20	3	4.92	1.90	3.20	0.47	0.11	61	7	5	29	7	<5	<10	0.276
116029		<.005	0.6	<0.01	<0.01	0.01	2	43	26	0.5	<5	<0.01	<0.01	<.010	4.32	707	<10	60	106	111	<20	<20	5	4.08	1.91	7.43	0.38	0.10	59	8	5	30	10	9	<10	0.254
116030		0.006	0.5	0.01	<0.01	0.04	18	58	14	3.3	<5	<0.01	<0.01	0.226	4.01	352	<10	57	30	61	<20	<20	10	1.73	0.83	1.91	0.06	0.45	25	13	2	15	5	5	<10	0.143
116031		<.005	0.6	0.01	<0.01	0.03	16	62	14	2.1	<5	<0.01	<0.01	0.455	4.37	407	<10	41	24	59	<20	<20	10	1.83	0.90	1.67	0.06	0.49	27	12	<2	16	4	6	<10	0.143
116032		<.005	0.4	0.01	<0.01	0.03	19	57	15	1.8	<5	<0.01	<0.01	0.360	4.74	342	<10	26	22	41	<20	<20	12	1.71	0.75	1.20	0.05	0.60	25	12	<2	13	3	5	<10	0.026
116033		0.014	0.6	0.01	<0.01	0.06	15	103	23	5.2	<5	<0.01	<0.01	0.330	5.63	543	<10	48	100	181	<20	<20	9	2.92	1.39	2.16	0.06	0.22	16	14	6	22	15	13	<10	0.192
116034		0.011	0.4	0.01	<0.01	0.04	17	69	11	3.4	<5	<0.01	<0.01	0.249	4.34	405	<10	56	64	117	<20	<20	9	2.00	0.96	1.21	0.05	0.25	11	15	5	16	9	9	<10	0.226
116035		<.005	<.2	<0.01	<0.01	0.01	3	100	40	0.8	<5	<0.01	<0.01	0.058	6.24	864	<10	30	276	209	<20	<20	8	2.06	1.82	2.34	0.09	0.05	18	16	8	22	17	21	<10	0.368
116036		<.005	<.2	<0.01	<0.01	0.02	12	65	21	1.8	<5	<0.01	<0.01	0.085	5.17	825	<10	65	120	152	<20	<20	8	2.00	1.69	2.08	0.06	0.08	16	18	5	22	12	15	<10	0.313
116037		<.005	0.3	0.01	<0.01	0.02	11	59	19	1.6	<5	<0.01	<0.01	0.309	5.30	585	<10	55	80	94	<20	<20	8	2.15	1.36	1.04	0.05	0.35	13	13	4	20	7	12	<10	0.266
116038		<.005	0.5	<0.01	<0.01	0.01	1	43	31	0.4	<5	<0.01	<0.01	0.021	4.39	806	<10	133	97	97	<20	<20	3	3.48	1.83	5.03	0.05	0.16	29	8	6	26	8	11	<10	0.195
116039		<.005	0.6	0.01	<0.01	0.01	3	62	44	1.2	<5	0.01	<0.01	0.042	6.72	1067	<10	83	156	126	<20	<20	5	2.76	2.60	5.04	0.05	0.21	97	13	2	28	9	18	<10	0.015
116040		0.007	0.5	<0.01	<0.01	0.02	14	35	17	8.7	<5	0.14	<0.01	0.132	4.50	526	<10	77	57	72	<20	<20	9	1.71	1.08	2.16	0.04	0.30	40	11	3	14	5	7	<10	0.048
116041		<.005	0.3	<0.01	<0.01	<0.01	1	40	27	0.3	<5	<0.01	<0.01	0.019	4.54	710	<10	55	88	116	<20	<20	3	3.40	1.88	4.63	0.06	0.04	23	9	6	25	9	12	<10	0.233
116042		<.005	0.4	<0.01	<0.01	0.01	1	41	30	0.4	<5	<0.01	<0.01	0.034	5.31	702	<10	40	82	115	<20	<20	4	3.68	1.81	4.98	0.06	0.03	19	10	6	23	9	10	<10	0.22
116043		<.005	0.3	0.01	<0.01	0.01	5	57	28	1.0	<5	<0.01	<0.01	0.039	4.87	672	<10	45	114	110	<20	<20	5	3.38	2.09	4.41	0.06	0.04	22	10	6	23	10	8	<10	0.253
116044		<.005	0.3	<0.01	<0.01	0.01	2	52	31	0.3	<5	<0.01	<0.01	<.010	5.41	696	<10	16	96	115	<20	<20	4	3.47	2.00	4.56	0.06	0.01	21	11	6	18	9	6	<10	0.328
116045		<.005	<.2	0.01	<0.01	0.01	2	49	31	0.4	<5	<0.01	<0.01	0.011	5.80	682	<10	18	95	124	<20	<20	4	3.50	2.37	3.45	0.07	0.02	18	13	7	19	10	6	<10	0.353
116046		<.005	0.4	0.01	<0.01	0.01	7	69	30	1.0	<5	<0.01	<0.01	0.086	5.21	615	<10	52	152	142	<20	<20	5	2.74	2.23	3.22	0.10	0.06	25	12	7	23	10	10	<10	0.358
116047		<.005	0.2	0.01	<0.01	0.02	10	66	28	1.3	<5	<0.01	<0.01	0.042	4.97	593	<10	35	142	196	<20	<20	5	2.71	2.14	2.01	0.11	0.06	22	15	<2	20	9	18	<10	0.188
116048		0.020	0.2	<0.01	<0.01	0.01	2	43	30	0.6	<5	<0.01	<0.01	<.010	5.97	827	<10	12	115	153	<20	<20	4	3.85	2.75	4.34	0.05	0.02	26	14	6	30	13	12	<10	0.371
116049		<.005	0.4	<0.01	<0.01	0.01	3	57	32	0.2	<5	<0.01	<0.01	<.010	5.80	703	<10	10	152	117	<20	<20	3	3.99	1.90	5.94	0.03	<.01	50	11	6	17	10	7	<10	0.306
116050		<.005	0.7	0.01	<0.01	0.01	2	60	40	1.8	<5	0.03	0.01	<.010	5.59	933	<10	38	288	121	<20	<20	4	2.70	2.58	8.18	0.05	0.31	153	11	3	26	10	14	<10	0.02
116051		<.005	0.5	0.01	<0.01	0.01	2	51	30	<0.2	<5	<0.01	<0.01	<.010	5.03	639	<10	5	108	104	<20	<20	3	4.02	1.98	5.53	0.04	<.01	28	9	5	19	8	<5	<10	0.263

CLIENT: HOMESTAKE CANADA INC. - ESKAY CREEK MINE
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SAMPLE NUMBER	ELEMENT UNITS	Zr PPM	S PCT
116022		17	1.51
116023		<1	0.12
116024		<1	0.09
116025		<1	0.07
116026		<1	0.18
116027		<1	0.11
116028		<1	0.15
116029		1	0.37
116030		7	2.26
116031		7	2.54
116032		4	3.44
116033		14	2.52
116034		17	1.91
116035		10	2.45
116036		14	1.79
116037		17	2.43
116038		4	0.50
116039		<1	1.37
116040		4	1.80
116041		5	0.44
116042		6	1.26
116043		10	0.65
116044		11	0.24
116045		11	0.30
116046		12	1.01
116047		13	1.03
116048		11	0.23
116049		8	1.00
116050		<1	0.17
116051		4	0.31

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SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Tl PCT
116052		<.005	0.3	0.01	<0.01	0.01	2	51	34	0.9	<5	<0.01	<0.01	0.060	6.38	751	<10	5	97	144	<20	<20	4	3.88	2.15	4.08	0.05	<.01	23	13	6	19	10	8	<10	0.323
116053		<.005	0.3	<0.01	<0.01	0.02	3	14	38	0.8	<5	<0.01	<0.01	0.069	>10.00	1051	<10	9	26	366	<20	<20	7	2.75	2.12	1.42	0.07	<.01	16	30	8	20	29	25	<10	0.[illegible]
116054		<.005	<.2	<0.01	<0.01	<0.01	1	53	28	2.2	<5	0.04	<0.01	<.010	4.40	660	<10	46	64	85	<20	<20	3	3.53	2.45	3.98	0.14	0.22	48	9	3	37	6	6	<10	0.[illegible]
116055		<.005	0.3	<0.01	<0.01	0.01	1	47	31	0.5	<5	<0.01	<0.01	<.010	5.61	837	<10	43	108	130	<20	<20	4	4.13	2.71	2.94	0.18	0.12	34	11	6	39	11	9	<10	0.28[illegible]
116056		<.005	0.4	0.01	<0.01	0.01	6	65	36	1.0	<5	<0.01	<0.01	0.047	6.78	1009	<10	13	180	200	<20	<20	6	4.16	2.83	3.51	0.07	0.01	19	16	9	29	16	20	<10	0.[illegible]
116057		<.005	0.3	<0.01	<0.01	0.01	2	81	30	0.6	<5	<0.01	<0.01	0.021	5.92	985	<10	12	147	119	<20	<20	7	3.37	2.40	5.99	0.09	0.02	30	12	7	21	9	8	<10	0.379
116058		<.005	<.2	<0.01	<0.01	0.01	2	82	31	0.5	<5	<0.01	<0.01	0.052	6.51	833	<10	22	136	137	<20	<20	6	3.01	2.54	3.53	0.09	0.03	25	12	6	23	10	8	<10	0.409
116059		<.005	0.4	0.01	<0.01	0.04	12	59	17	3.0	<5	<0.01	<0.01	0.189	5.21	537	<10	47	88	133	<20	<20	10	2.87	1.61	2.74	0.06	0.15	18	15	5	20	10	11	<10	0.272
116060		0.006	1.0	0.01	<0.01	0.09	19	74	15	8.3	<5	<0.01	<0.01	0.446	5.55	378	<10	45	54	156	<20	<20	11	2.11	1.03	1.76	0.06	0.29	19	15	4	17	13	10	<10	0.247
116061		<.005	0.3	0.01	<0.01	0.01	8	58	30	0.7	<5	<0.01	<0.01	0.015	5.25	774	<10	38	120	163	<20	<20	6	2.93	1.89	3.82	0.20	0.08	43	14	6	23	14	15	<10	0.349
116062		<.005	<.2	0.01	<0.01	0.01	3	59	39	0.5	<5	<0.01	<0.01	0.019	6.77	960	<10	58	95	213	<20	<20	4	3.41	2.57	2.04	0.18	0.11	35	16	8	29	16	17	<10	0.442
116063		0.009	0.4	0.01	<0.01	0.04	16	75	14	3.0	<5	<0.01	<0.01	0.354	5.32	488	<10	64	40	98	<20	<20	10	2.18	1.11	1.71	0.05	0.40	24	14	4	17	7	9	<10	0.252
116064		<.005	0.5	0.01	<0.01	0.02	9	57	20	2.3	<5	0.02	<0.01	0.107	4.78	765	<10	59	91	93	<20	<20	10	2.04	1.23	4.68	0.05	0.37	100	14	4	20	7	11	<10	0.149
116065		0.011	0.5	0.01	<0.01	0.04	18	68	15	2.9	<5	<0.01	<0.01	0.294	4.87	387	<10	52	49	68	<20	<20	11	1.87	0.95	1.74	0.06	0.53	41	13	2	18	5	7	<10	0.135
116066		<.005	0.3	0.01	<0.01	0.04	19	54	16	3.3	<5	<0.01	<0.01	0.447	4.72	311	<10	29	54	89	<20	<20	11	1.63	0.71	1.34	0.07	0.53	22	12	3	14	7	9	<10	0.251
116067		<.005	0.4	0.01	<0.01	0.05	12	57	11	4.0	<5	<0.01	<0.01	0.312	3.98	307	<10	61	19	57	<20	<20	9	1.65	0.67	1.40	0.06	0.52	23	15	2	12	4	7	<10	0.197
116068		<.005	1.0	0.01	<0.01	0.10	17	56	13	9.4	<5	<0.01	<0.01	0.423	4.96	315	<10	28	39	81	<20	<20	10	1.64	0.69	1.83	0.06	0.54	27	15	2	12	6	7	<10	0.219
116069		<.005	0.7	0.01	<0.01	0.05	17	62	8	5.3	<5	<0.01	<0.01	0.290	3.55	312	<10	109	45	64	<20	<20	8	1.51	0.56	3.76	0.04	0.49	47	18	3	10	4	7	<10	0.245
116070		<.005	0.5	0.01	<0.01	0.03	17	58	11	2.5	<5	<0.01	<0.01	0.376	4.17	350	<10	42	29	63	<20	<20	8	1.85	0.75	1.28	0.06	0.57	21	14	<2	14	4	7	<10	0.249
116071		<.005	0.4	0.01	<0.01	0.04	18	86	13	3.2	<5	<0.01	<0.01	0.457	4.68	395	<10	39	35	74	<20	<20	9	1.97	0.88	1.10	0.06	0.56	22	12	<2	17	6	8	<10	0.245
116072		<.005	0.5	<0.01	<0.01	0.04	18	62	7	2.8	<5	<0.01	<0.01	0.229	3.37	280	<10	90	14	48	<20	<20	8	1.46	0.52	3.19	0.04	0.40	35	18	<2	10	4	6	<10	0.229
116073		<.005	0.4	0.01	<0.01	0.04	17	70	13	2.7	<5	<0.01	<0.01	0.469	4.59	383	<10	38	39	70	<20	<20	9	1.95	0.85	0.89	0.06	0.55	20	14	3	17	5	8	<10	0.228
116074		<.005	0.2	<0.01	0.01	0.02	13	37	11	1.3	<5	<0.01	<0.01	0.253	4.70	465	<10	71	27	51	<20	<20	9	2.35	1.07	1.57	0.06	0.51	26	19	3	20	3	8	<10	0.280
116075		<.005	0.3	<0.01	<0.01	0.02	9	64	21	1.2	<5	<0.01	<0.01	0.174	5.07	776	<10	92	107	115	<20	<20	10	2.31	1.31	2.58	0.06	0.34	25	14	4	23	8	13	<10	0.311
116076		<.005	0.2	<0.01	<0.01	0.02	17	35	10	1.8	<5	<0.01	<0.01	0.238	4.22	408	<10	83	39	70	<20	<20	10	2.36	0.89	1.63	0.05	0.38	16	13	4	16	5	8	<10	0.229
116077		<.005	0.5	0.01	<0.01	0.03	13	64	15	2.3	<5	<0.01	<0.01	0.277	5.69	661	<10	79	53	154	<20	<20	8	2.51	1.18	1.80	0.05	0.23	19	12	6	18	11	12	<10	0.331
116078		<.005	<.2	<0.01	<0.01	0.02	3	12	35	0.7	<5	<0.01	<0.01	0.027	>10.00	1467	<10	31	34	422	<20	<20	10	3.31	2.40	2.16	0.09	0.03	24	32	12	23	31	30	<10	0.946
116079		<.005	0.2	<0.01	<0.01	0.02	5	33	31	1.2	<5	<0.01	<0.01	0.035	8.51	1276	<10	38	131	302	<20	<20	8	3.58	2.49	2.99	0.08	0.04	31	23	11	30	25	25	<10	0.682
116080		0.006	0.4	<0.01	<0.01	0.01	8	46	34	0.6	<5	<0.01	<0.01	0.053	7.07	1127	<10	60	254	226	<20	<20	6	3.25	2.94	3.06	0.12	0.06	42	16	8	33	17	24	<10	0.458

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SAMPLE NUMBER	ELEMENT UNITS	Zr PPM	S PCT
116052		8	0.83
116053		21	4.22
116054		4	0.13
116055		7	0.24
116056		16	0.90
116057		16	1.77
116058		14	1.74
116059		19	2.38
116060		20	3.32
116061		12	0.96
116062		11	0.44
116063		16	2.60
116064		9	1.63
116065		7	2.44
116066		11	2.85
116067		13	2.13
116068		10	3.42
116069		19	2.08
116070		16	2.40
116071		12	2.66
116072		18	2.04
116073		15	2.60
116074		25	2.13
116075		18	2.01
116076		18	1.85
116077		17	2.09
116078		35	2.46
116079		23	1.61
116080		16	1.46

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STANDARD NAME	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
ANALYTICAL BLANK		<.005	<.2	<0.01	<0.01	<0.01	<1	<1	<1	<0.2	<5	<0.01	<0.01	<.010	<0.01	1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010
ANALYTICAL BLANK		<.005	<.2	<0.01	<0.01	<0.01	<1	<1	<1	<0.2	<5	<0.01	<0.01	<.010	<0.01	1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010
ANALYTICAL BLANK		-	<.2	<0.01	<0.01	<0.01	<1	<1	<1	<0.2	<5	<0.01	<0.01	<.010	<0.01	2	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.010
Number of Analyses		2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Mean Value		0.003	0.1	<0.01	<0.01	<0.01	<1	<1	<1	0.1	3	<0.01	<0.01	0.005	<0.01	1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	0.005
Standard Deviation		-	<.1	<0.01	<0.01	<0.01	-	-	-	<0.1	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.005	0.2	<0.01	<0.01	<0.01	1	1	1	0.1	2	<0.01	<0.01	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<.001
OX5 Oxide		0.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		0.986	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET LKSD-2		-	0.4	<0.01	<0.01	0.02	2	24	18	1.1	<5	<0.01	<0.01	0.157	3.83	1669	<10	218	31	45	<20	<20	56	1.54	0.60	0.58	0.04	0.24	31	27	3	17	5	6	<10	0.078
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.4	<0.01	<0.01	0.02	2	24	18	1.1	3	<0.01	<0.01	0.157	3.83	1669	5	218	31	45	10	10	56	1.54	0.60	0.58	0.04	0.24	31	27	3	17	5	6	5	0.078
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.8	<0.01	<0.01	0.02	2	23	16	0.8	-	<0.01	<0.01	0.160	3.50	1840	-	211	29	48	-	-	58	1.68	0.60	0.58	0.04	0.26	30	29	4	18	6	7	-	
OX8 Oxide		0.189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		0.189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET STSD-4		-	0.3	0.01	<0.01	0.01	2	25	13	0.5	<5	<0.01	<0.01	0.898	2.99	1183	<10	883	34	48	<20	<20	14	1.16	0.66	1.10	0.05	0.11	58	10	<2	10	3	<5	<10	0.076
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.3	0.01	<0.01	0.01	2	25	13	0.5	3	<0.01	<0.01	0.898	2.99	1183	5	883	34	48	10	10	14	1.16	0.66	1.10	0.05	0.11	58	10	1	10	3	5	5	0.076
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.3	0.01	<0.01	0.01	2	23	11	0.6	-	<0.01	<0.01	0.930	2.60	1200	-	999	30	51	-	-	14	1.19	-	1.13	0.05	0.12	-	11	4	10	6	5	-	-

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STANDARD NAME	ELEMENT UNITS	Zr PPM	$ PCT
ANALYTICAL BLANK		<1	<.01
ANALYTICAL BLANK		<1	<.01
ANALYTICAL BLANK		<1	<.01
Number of Analyses		3	3
Mean Value		<1	<.01
Standard Deviation		-	-
Accepted Value		<1	<.01
OX5 Oxide		-	-
Number of Analyses		-	-
Mean Value		-	-
Standard Deviation		-	-
Accepted Value		-	-
CANMET LKSD-2		2	0.16
Number of Analyses		1	1
Mean Value		2	0.16
Standard Deviation		-	-
Accepted Value		-	0.16
OX8 Oxide		-	-
Number of Analyses		-	-
Mean Value		-	-
Standard Deviation		-	-
Accepted Value		-	-
CANMET STSD-4		<1	0.09
Number of Analyses		1	1
Mean Value		<1	0.09
Standard Deviation		-	-
Accepted Value		-	0.10

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STANDARD NAME	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	** PCT
GS91-1		-	0.8	0.01	<0.01	0.01	2	39	22	0.3	<5	<0.01	<0.01	0.053	5.19	725	<10	223	61	129	<20	<20	7	3.29	1.66	1.01	0.06	0.33	39	8	6	28	10	10	<10	0.228
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.8	0.01	<0.01	0.01	2	39	22	0.3	3	<0.01	<0.01	0.053	5.19	725	5	223	61	129	10	10	7	3.29	1.66	1.01	0.06	0.33	39	8	6	28	10	10	5	0.228
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.7	0.01	<0.01	0.01	2	40	22	0.1	1	<0.01	<0.01	0.044	4.74	720	<1	200	54	133	4	2	5	3.09	1.83	1.08	0.06	0.32	37	9	4	25	5	11	1	

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STANDARD NAME	ELEMENT Zr UNITS PPM	$ PCT
GS91-1	7	0.03
Number of Analyses	1	1
Mean Value	7	0.03
Standard Deviation	-	-
Accepted Value	9	0.03

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SAMPLE NUMBER	ELEMENT UNITS	Au30 GMT	Ag PPM	Cu PCT	Pb PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PCT	Sb PCT	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
115997		<.005	<.2	0.01	<0.01	0.02	4	84	36	2.2	<5	<0.01	<0.01	0.059	6.50	877	<10	15	186	173	<20	<20	4	4.43	2.52	6.34	0.06	0.02	45	14	<2	23	10	11	<10	0.340
Duplicate			<.2	0.01	<0.01	0.02	2	71	30	1.7	<5	<0.01	<0.01	0.039	5.43	746	<10	13	158	152	<20	<20	4	3.77	2.27	5.25	0.06	0.02	41	12	<2	21	9	10	<10	0.298
116013		<.005	0.8	0.01	<0.01	0.06	36	179	22	4.0	<5	<0.01	<0.01	0.293	5.63	680	<10	87	103	134	<20	<20	11	2.22	1.43	3.75	0.10	0.36	52	14	4	19	10	13	<10	0.282
Duplicate		0.006																																		
116014		<.005	0.5	0.01	<0.01	0.02	8	114	38	1.2	<5	<0.01	<0.01	0.070	6.57	864	<10	115	196	160	<20	<20	6	4.13	2.84	4.38	0.32	0.23	70	14	6	27	12	18	<10	0.334
Duplicate			0.6	0.01	<0.01	0.02	7	116	39	1.3	<5	<0.01	<0.01	0.070	5.92	846	<10	115	192	145	<20	<20	6	3.91	2.70	4.15	0.30	0.22	64	13	6	27	12	16	<10	0.302
116034		0.011	0.4	0.01	<0.01	0.04	17	69	11	3.4	<5	<0.01	<0.01	0.249	4.34	405	<10	56	64	117	<20	<20	9	2.00	0.96	1.21	0.05	0.25	11	15	5	16	9	9	<10	0.226
Duplicate			0.3	0.01	<0.01	0.04	17	66	10	3.5	<5	<0.01	<0.01	0.253	4.55	400	<10	54	73	124	<20	<20	9	2.01	0.95	1.23	0.05	0.24	11	15	5	15	9	9	<10	0.234
116037		<.005	0.3	0.01	<0.01	0.02	11	59	19	1.6	<5	<0.01	<0.01	0.309	5.30	585	<10	55	80	94	<20	<20	8	2.15	1.36	1.04	0.05	0.35	13	13	4	20	7	12	<10	0.266
Duplicate		<.005																																		
116051		<.005	0.5	0.01	<0.01	0.01	2	51	30	<0.2	<5	<0.01	<0.01	<.010	5.03	639	<10	5	108	104	<20	<20	3	4.02	1.98	5.53	0.04	<.01	28	9	5	19	8	<5	<10	0.263
Duplicate			0.4	0.01	<0.01	0.01	2	50	29	0.4	<5	<0.01	<0.01	<.010	5.54	627	<10	5	109	117	<20	<20	3	4.27	2.07	5.96	0.04	<.01	31	11	7	20	8	5	<10	0.298
116059		<.005	0.4	0.01	<0.01	0.04	12	59	17	3.0	<5	<0.01	<0.01	0.189	5.21	537	<10	47	88	133	<20	<20	10	2.87	1.61	2.74	0.06	0.15	18	15	5	20	10	11	<10	0.272
Duplicate		<.005																																		
116071		<.005	0.4	0.01	<0.01	0.04	18	86	13	3.2	<5	<0.01	<0.01	0.457	4.68	395	<10	39	35	74	<20	<20	9	1.97	0.88	1.10	0.06	0.56	22	12	<2	17	6	8	<10	0.245
Duplicate			0.4	0.01	<0.01	0.04	18	87	14	3.3	<5	<0.01	<0.01	0.471	4.88	402	<10	39	35	74	<20	<20	8	1.95	0.89	1.09	0.06	0.54	23	12	2	17	5	8	<10	0.235

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SAMPLE NUMBER	ELEMENT UNITS	Zr PPM	S PCT
115997		25	0.70
Duplicate		22	0.59
116013		17	2.74
Duplicate			
116014		8	1.35
Duplicate		7	1.35
116034		17	1.91
Duplicate		19	1.89
116037		17	2.43
Duplicate			
116051		4	0.31
Duplicate		6	0.31
116059		19	2.38
Duplicate			
116071		12	2.66
Duplicate		12	2.68

APPENDIX V

Statements of Qualifications

STATEMENT OF QUALIFICATIONS

I, IAN R. CUNNINGHAM-DUNLOP, of the City of North Vancouver, Province of British Columbia do hereby certify that:

1. I am a professional geologist residing at 2537 Sechelt Drive, North Vancouver, British Columbia, V7H 1N7.

2. I am a graduate of Queen's University, Kingston, Ontario (1984) and hold a B Sc. (Eng.) degree in geological engineering.

3. I have been practicing as a geologist for over 18 years.

4. I am a member of the Association of Professional Engineers of Ontario.

5. I am presently employed by Homestake Canada Inc. of 1100-1050 West Georgia Street, Vancouver, B.C. as a Senior Project Geologist.

6. I am familiar with the material covered by this report having personally supervised the 1998 field program.

7. I do not have any direct or indirect interest in the Eskay Creek Property nor do I expect to receive any in return for conducting the work or preparing this report

8. Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements, but not for advertising purposes.

Signed at Vancouver, British Columbia, this 21th day of Nov, 2001.

Ian R. Cunningham-Dunlop, P. Eng.

STATEMENT OF QUALIFICATIONS

I, DAVID GALE, of 216 West 13th Ave, Vancouver, British Columbia, do hereby certify that:

1. I am presently employed by Homestake Canada Inc. of 1100-1055 West Georgia Street, Vancouver, British Columbia as a Geologist.

2. I graduated from Memorial University of Newfoundland, St. John's, Newfoundland (1994) and hold a B.Sc. (Honours) in geology.

3. I graduated from Queen's University, Kingston, Ontario (1997) and hold a M.Sc. in geology.

4. I have been employed in my profession as an Exploration Geologist since my graduation.

5. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I expect to acquire any such interest.

Signed at Vancouver, British Columbia, this 21th day of Nov, 2001.

David F.G. Gale, M.Sc.

STATEMENT OF QUALIFICATIONS

I, ALETHA BUSCHMAN, of 3070 West 15th Avenue, Vancouver, British Columbia, do hereby certify that:

1. I am presently employed by Homestake Canada Inc. of 1100-1055 West Georgia Street, Vancouver, British Columbia as a Geologist.

2. I graduated from Carleton University, Ottawa, Ontario (1992) and hold a B.Sc. (Honours) in geology.

3. I have been employed in my profession as an Exploration Geologist since graduation.

4. I have no interest in the property described herein, nor in the securities of any company associated with the property, nor do I have any plans to acquire any such interest.

Signed at Vancouver, British Columbia this 21th day of Nov, 2001.

A Buschman

Aletha M. Buschman, B.Sc.(Hons)