

**Ministry of Energy & Mines**  
Energy & Minerals Division  
Geological Survey Branch

**ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY**

<b>TITLE OF REPORT (type of survey(s))</b> 2007 Diamond Drilling Report on the Hushamu Property	<b>TOTAL COST</b> \$1,659,191
--	----------------------------------

AUTHOR(S) Jim Lehtinen, Henry Awmack SIGNATURE(S) \_\_\_\_\_

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-8-236 (August 3, 2006) YEAR OF WORK 2007

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4184152, 4184176, 4184170, 4184166 (December 10, 2007)

PROPERTY NAME Hushamu

CLAIM NAME(S) (on which work was done) 517055, 513912, 513911

COMMODITIES SOUGHT Cu, Au, Mo

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092-69,75,76,77,78,79,87,88,90,95,98,131,135,181,185,218,239,240,242,244,245, 253,etc

MINING DIVISION Nanaimo NTS 092L/12

LATITUDE 50° 39' \_\_\_\_\_" LONGITUDE 127° 48' \_\_\_\_\_" (at centre of work)

OWNER(S)

1) Western Copper Corporation 2) \_\_\_\_\_

MAILING ADDRESS

2050-1111 West Georgia Street

Vancouver, BC, V6E 4M3

OPERATOR(S) [who paid for the work]

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

MAILING ADDRESS

\_\_\_\_\_

\_\_\_\_\_

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

The Hushamu Property is underlain by a generally southward-younging sequence of west-northwest-trending upper Triassic to middle Jurassic volcanic and lesser sedimentary rocks belonging to the Vancouver and Bonanza Groups, intruded by Jurassic plutons of the Island Plutonic Suite. Numerous porphyry Cu-Au-Mo prospects and deposits have been identified on the Hushamu property, along with extensive zones of advanced argillic alteration which may represent new targets.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 28375

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock _____			
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____ <u>4360.3m; 15 NQ2 holes</u>			\$1,639,191
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric			
(scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST			\$1,639,191

BC Geological Survey  
Assessment Report  
29604

**Western Copper Corporation**  
**2007 DIAMOND DRILLING REPORT ON**  
**THE HUSHAMU PROPERTY**

Located in the Northern Vancouver Island Area  
Nanaimo Mining Division  
NTS 092L/12  
50° 39' North Latitude  
127° 48' West Longitude

-prepared for-

**WESTERN COPPER CORPORATION**  
2050-1111 West Georgia Street  
Vancouver, BC  
Canada V6E 4M3

-prepared by-

Jim Lehtinen, P.Geo.  
Henry Awmack, P.Eng.  
**EQUITY ENGINEERING LTD.**  
Suite 700, 700 West Pender Street  
Vancouver, British Columbia, Canada  
V6C 1G8

August 20, 2007

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## 1.0 SUMMARY

Western Copper Corporation drilled 4,360 metres in 15 holes on the NW Expo and Cougar zones of the Hushamu property between February and April 2007. This drilling followed up on 2005 exploration which intersected 95 metres grading 1.0 g/tonne Au and 0.17% Cu at NW Expo, associated with a strong siliceous lithocap, pronounced magnetic signature and anomalous soil geochemistry.

The 2007 drilling resulted in the definition at NW Expo of a significant body of copper, molybdenum and gold mineralization hosted by magnetite-chlorite-silica altered rock, similar to that found in the Island Copper deposit and to a lesser extent the Hushamu deposit. The geometry of the NW Expo mineralized body was roughly determined from the current drill program, and remains open from the suboutcrop on the south to the north and west. The 2007 drilling intersected three significant intervals from three drill holes in the area: 1) hole EC-233 (109.8 metres with 0.82 g/t Au and 0.12% Cu); 2) EC-234 (146.3 metres with 0.88 g/t Au, 0.11% Cu and 131 ppm Mo); 3) EC-245 (119.9 metres with 1.25 g/t Au and 0.16% Cu). These indicate a 290°-striking body which dips moderately to the north-northeast, with good lateral continuity for >260 metres and down-dip continuity for >330 metres from surface. Its lateral and down-dip extent may be truncated by post-mineral faulting. Additionally, a new discovery was made at the Cougar Zone, approximately 1200 metres north-east of the NW Expo area. The Cougar Zone mineralization and alteration is similar to that observed in drill core from the Hushamu deposit. Highlights from the Cougar zone are from holes EC-236 (176.4 metres with 0.09 g/t Au and 0.12% Cu) and EC-242 (61.0 metres with 0.14 g/t Au, 0.16% Cu and 92 ppm Mo).

Drill intersections from 2005 and 2007 indicate the potential of the two areas to host a porphyry deposit. The NW Expo and Cougar zones each have similarities with other deposits along the belt and both areas warrant further work to determine extent and tenor of the mineralization.

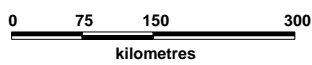
In addition to the two areas focused on in the 2007 program, other areas of silica lithocaps or remnant caps, including Pemberton Hills, should be examined over the remainder of the property. The deposits of Island Copper, Hushamu, Red Dog and NW Expo are all associated with silica lithocaps and are all telescoped porphyry systems. Given the telescoped nature of these porphyry systems, all other silica lithocaps should be explored for their potential to host relatively shallow, blind deposits below the covering lithocap.

## 2.0 INTRODUCTION

From February to April 2007, Western Copper drilled 15 holes totalling 4360.3 metres in the NW Expo and Cougar areas of the Hushamu property. Equity Engineering Ltd. was contracted to execute the diamond drilling program and report on its results. The senior author directed the drilling and helped prepare this report for Western Copper to summarize and interpret its results. Information in this report was derived from first-hand observations, fieldwork carried out by Equity Engineering personnel, private reports held by Western Copper, assessment reports filed with the British Columbia Ministry of Energy and Mines, and on government maps and publications. The senior author has extensive personal experience on the Hushamu property from his involvement in fieldwork in 2005 and diamond drilling programs in 2005 and 2007.

## 3.0 RELIANCE ON OTHER EXPERTS

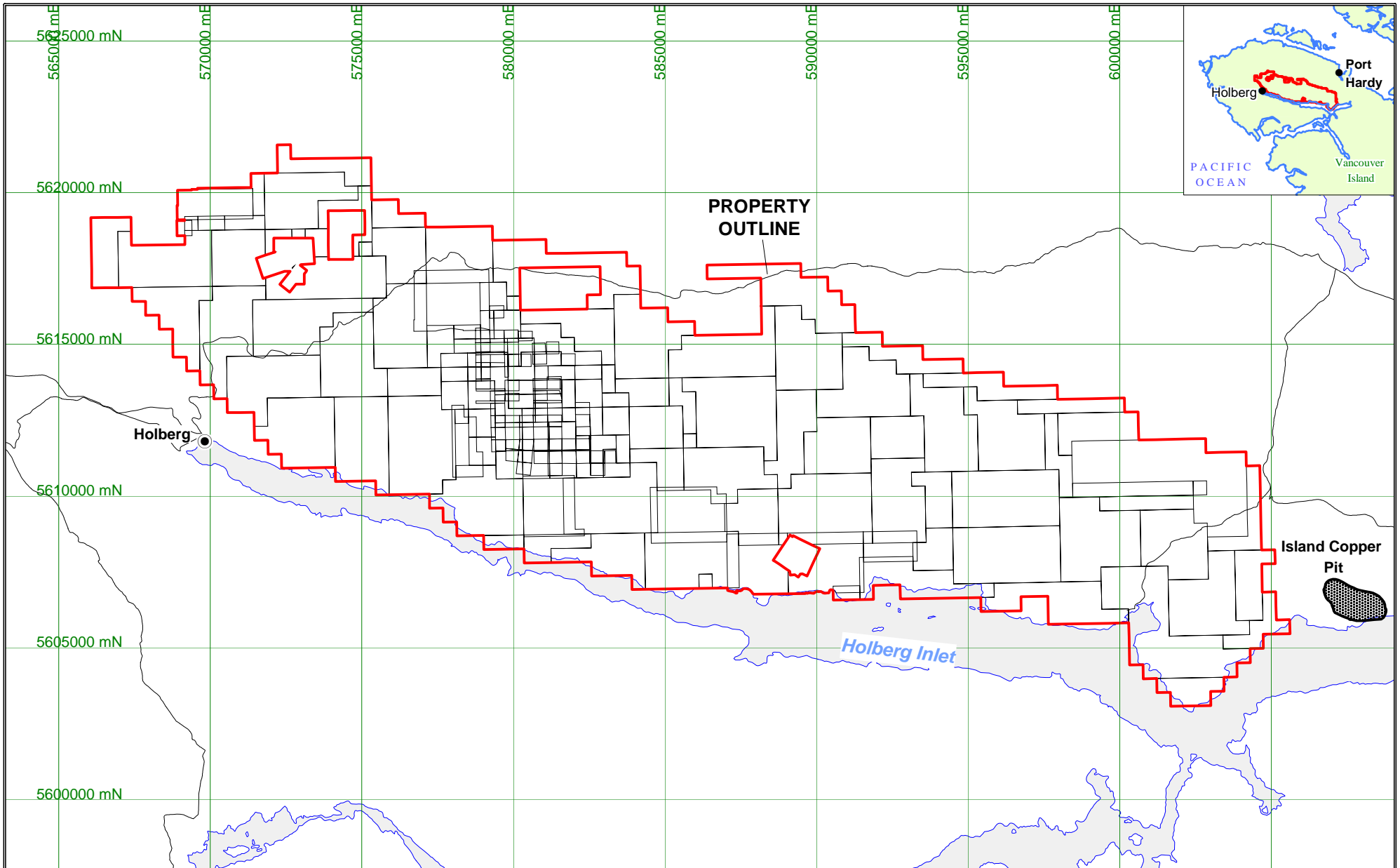
The authors did not rely on other experts regarding environmental, political or other such issues. Data regarding the claims forming the Hushamu property were provided by Western Copper.



**WESTERN COPPER CORPORATION**

**HUSHAMU PROPERTY  
LOCATION  
MAP**

	Date:	JUL 2007	Scale:	1:8,000,000	Figure
	U.T.M. Zone	UTM 9 - NAD83	Mining District	NANAIMO	
	N.T.S.	92L	State/Province	BC	1



**PROPERTY  
OUTLINE**

**Holberg**

**Island Copper  
Pit**

*Holberg Inlet*

**WESTERN COPPER CORPORATION**

**HUSHAMU PROPERTY  
Tenure**

5 km



	Date:	JUL 2007	Scale:	1:175,000	Figure
	U.T.M. Zone:	UTM 9 - NAD83	Mining District:	NANAIMO	2
	N.T.S.:	92L	State/Province:	BC	



#### **4.0 PROPERTY DESCRIPTION AND LOCATION**

The Hushamu property is located within the northern Vancouver Island area, centred approximately at latitude 50° 39' and longitude 127° 48' on NTS map sheet 092L/12 (Figure 1). It is comprised of 222 contiguous claims, covering an area of 317 km<sup>2</sup> (Figure 2). Some of these claims are held by Moraga Resources Ltd. ("Moraga"), and some by Johan Shearer ("Shearer"). Claim data is summarized in Appendix B.

Lumina Copper Corp. ("LCC") acquired the core of the Hushamu property (the Moraga-held claims) in 2003 from CRS Copper Resources Corp ("CRS") by purchasing 100% of the issued and outstanding shares of Moraga. These claims are subject to a 10% Net Profits Interest royalty payable to BHP Billiton Diamonds Inc. LCC optioned the Shearer-held claims, with the exception of their industrial minerals, under an agreement dated February 3, 2005 between LCC and Electra Gold Ltd. ("Electra"). As part of a corporate restructuring in May 2005, LCC was split into four companies with the Vancouver Island assets being held by newly formed Lumina Resources Corp. ("Lumina"). In November 2006, Western Copper Corporation ("Western Copper") acquired Lumina and its interest in the Hushamu property.

Surface rights over the Hushamu property are owned by the Province of British Columbia. Neither significant surface disturbance nor any major environmental liabilities were noted during field examinations. Exploration permits must be obtained from the British Columbia Ministry of Energy and Mines prior to carrying out future exploration programs.

#### **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The Hushamu Property is located within the northern Vancouver Island area, centred approximately at latitude 50° 39' and longitude 127° 48' on NTS map sheet 092L/12. Topography of the property is characterized by north and northeast-trending low ridgelines with broad intervening valleys that typically contain small rivers. Elevations range from sea level to 720 m above sea level and ridges typically reach 100 to 300 m above valley floors. Vegetation comprises a mix of second- and first-growth forest of fir, hemlock, spruce and cedar. Logging has been active across the property for several decades so second growth areas are highly variable in terms of age, density and ease of access. Approximately 50% of the property area has been clear cut.

An expansive network of logging roads provides good access to most areas of the Hushamu Property. These roads exhibit a wide range of conditions, however, with the worst being completely impassable to vehicles. A few roads have been completely rehabilitated. Port Hardy, a town of 5,000 inhabitants with scheduled air service and a range of commercial suppliers, is linked to Holberg, a hamlet of 200 people, via a maintained gravel road (NE60) that cuts through the western part of the Hushamu Property. One-way travel time is about 50 minutes. The eastern end of the Hushamu property is accessed from Port Hardy by a paved road to Coal Harbour. Well-maintained logging roads extend from Coal Harbour to the mouth of the Hushamu Valley and lesser-used roads adjacent to the Goodspeed River link through to NE60 near Holberg.

Climate is typical of coastal areas of British Columbia with an average annual rainfall in Holberg of 390 cm (Environment Canada online data). Monthly precipitation varies from a low of 10.4 cm in July, to a high of 55.4 cm in November. Temperatures are generally moderate at sea level with average daily minimum temperatures not lower than 0° C at Holberg. This temperate climate allows the property to be worked throughout the year. Hot, dry weather, typical in July and August can curtail exploration work owing to forest fire hazard. Water for drilling can be difficult to source during this period.

## 6.0 HISTORY

### 6.1 Previous Work

Table 1 summarizes all known exploration work carried out on the ground currently comprising the Hushamu property.

In 1962, the British Columbia Department of Mines and the Geological Survey of Canada jointly flew an airborne magnetic survey covering the northern part of Vancouver Island. This survey delineated a belt of northwesterly-trending magnetic highs north of Holberg and Rupert Inlets. Considerable exploration of these anomalies ensued, mostly focused on skarn-type iron deposits. During 1963 and 1964 several programs, mainly of stream sediment sampling, were conducted by numerous companies. No significant discoveries were made, however, and by 1965 very little interest was shown in the region (Muntanion and Witherley, 1982).

The exploration climate changed with the discovery of the Island Copper Mine located 2.5 km east of the current Hushamu Property boundary as described by Perelló et al. (1995). A local prospector named Gordon Melbourne staked a magnetic anomaly at Bay Lake near the eastern end of Rupert Inlet and in 1965 discovered chalcopyrite in float, then the bedrock source by trenching. Utah Construction and Mining Co. (Utah) optioned the property in January, 1966 and immediately began a program of mapping, soil sampling and ground geophysics, quickly followed by drill testing beginning in the spring of 1966. The discovery hole – the eighty-second of the program – was drilled in February, 1967 and intersected an 88 m interval grading 0.45% Cu. This deposit was developed into the Island Copper Mine, with production beginning in October, 1971 and continuing until December, 1995. The mine produced 345 million metric tonnes (t) of ore with average grades of 0.41% copper, 0.017% molybdenum, 0.19 g/t gold and 1.4 g/t silver (Perelló et al., 1995).

**Table 1: Hushamu Exploration History**

Program/Zones	Geochemistry	Geophysics	Drilling	Reference
<b>1966 – 71 Utah</b> Hep			33 XR, XRT, EX or BQ holes (HC-01 to 28, HC-100 to 105), 1,593m	Utah files drill hole list
<b>1967 – 77 Utah</b> Goodspeed, Hushamu, Various	~17,000 soils	IP, EM, seismic, mag	~144 DDHs (EC-001 to 130), 14,558.3m	Utah files drill hole list, numerous loose maps
<b>1982 Utah</b> Red Dog option  Hushamu	131 soils, 20 rocks	10.2 line-km IP  6.7 line-km IP	6 NQ holes (EC-131 to 135, 132A), 664.5m 4 NQ holes (EC-136 to 138, 137A), 480.5m	(Muntanion and Witherley, 1982)
<b>1983 Utah</b> Red Dog option			7 NQ holes (EC-139 to 144, EC-133 was deepened), 1,059m	(Mantalion, 1983)

**Table 1 (con't): Hushamu Exploration History**

<b>?unknown</b>			6 holes (EC-145 to 149)	no record
<b>1985 ?Utah</b> McIntosh Mt, South McIntosh, West Pemberton			9 holes (EC-150 to 158), 1,766m	(Jones, 1988)
<b>1987 Moraga</b> Pemberton Hills		Downhole EM		(Woods, 1987)
<b>1988 Moraga</b> Hushamu			5 NQ holes (EC-159 to 163), 762m	(Giroux, 1993)
<b>1989 Moraga</b> Red Dog, McIntosh, Hushamu	125 rocks, 940 soils re-assayed, 328 soils	Re-model 1963 airborne		(Husband, 1989)
<b>1990 Moraga</b> McIntosh, Hushamu			19 NQ holes (EC-171 to 188), 6,169m	(Jones, 1990; Pawliuk, 1991b; Sutton and Dasler, 1990)
<b>1991 Moraga</b> McIntosh, Hushamu  Goodspeed			4 NQ holes (EC-189 to 192), 933m 5 NQ holes (EC-193 to 197), 443m	(Pawliuk, 1991a)  (Pawliuk, 1991a)
<b>1992 Moraga</b> McIntosh, Hushamu			13 NQ holes (EC-198 to 210), 4,832m	(Pawliuk, 1992)
<b>1994 Moraga</b> McIntosh, Hushamu			4 NQ holes (EC-211 to 214), 972m	(Dasler, 1994; Pawliuk, 1994)
<b>1994 BHP / Jordex</b> NW Expo			7 NQ holes (NWE-1 to 7), 822m	(Gatchalian, 1994)
<b>1997 Jordex</b> NW Expo		153 line-km helicopter- borne geophysics		(Woolham, 1997)
<b>2005 Lumina</b> Hushamu, NW Expo, Cougar	264 rocks, 18 silts, 3843 soils	2,687 line-km helicopter- borne geophysics	18 NQ and BTW holes (EC-215 to 232), 3,155.2m	(Baker, 2006)

**Table 1 (con't): Hushamu Exploration History**

<b>2007 Western NW Expo, Cougar</b>			15 NQ2 holes (EC-233 to 247), 4360.3m	This report
Totals	>18 silts, >21,000 soils, >264 rocks	Ground: mag, IP, seismic Airborne: EM, mag	299 DDHs: >48,000 m	

### 6.1.1 Utah 1966 to 1987

In 1967, Utah staked 661 claims along strike from the Island Copper deposit (most of the present-day Hushamu Property) and named it the Expo Property after the World's Fair hosted in Montreal that year. At about the same time, the Red Dog claims which are internal to the Expo claims were independently staked by Westcoast Mining Co. As is still the case today, the Red Dog claims have remained a separate entity, although they have at times been optioned by those working the Expo Claims. Between 1967 and 1969, Utah geologically mapped on the Expo block at 1:2400 scale and covered it with detailed soil sampling. The Utah soil grid covers a WNW-elongate area 27 x 8 km and comprises about 17,000 samples collected 200 feet apart on lines separated by 500 feet. Available historic maps indicate that samples from the entire grid were analysed for Cu, whereas samples from the eastern half was also analysed for Mo and Zn. It is not clear if the eastern samples were never analysed for Mo and Zn, or if the maps have been lost.

Between 1966 and 1971, Utah drilled 33 XR, XRT, EX or BQ-sized drill holes at the Hep target area for 1593 m. These closely spaced holes were generally about 30 m deep, with a few holes drilled between 100 and 200 m. No geochemical data or drill logs are available.

As a follow-up to this large dataset, between 1970 and 1973, several areas of interest were mapped at a larger scale and surveyed by magnetometer. Most of these areas were also surveyed by IP and a few areas were surveyed by EM and seismic surveys (Muntanion and Witherley, 1982).

Between 1966 and 1977, 146 diamond drill holes were drilled, most of which tested Cu-Mo soil anomalies in the Hushamu and Hep Creek valleys. By 1975, the Hushamu deposit was delineated and estimated (not 43-101 compliant) at 52.9 Mt grading 0.32% Cu, 0.008% Mo and 0.41 g/t Au, with a stripping ratio of 2.21:1 (BHP, 1975).

In 1980, driven in large part by high gold prices, Utah began to examine the gold potential of the McIntosh Mountain and Pemberton Hills alteration systems, recognizing a potential for Pueblo Viejo-type deposits. Between 1980 and 1985, Utah conducted further detailed soil surveys, extensive rock sampling, ground geophysical surveys and drilled 12 drill holes in these areas. Several consultants reviewed the property and examined the potential for epithermal mineralization.

Between 1982 and 1983, Utah held an option on the Red Dog property and drilled 12 holes there (EC-131 to -135, -139 to -144) for 2056m (Muntanion, 1983; Muntanion and Witherley, 1982).

Jones (1988) describes in his qualifying report a nine hole diamond drill program conducted in 1985, presumably by Utah. No primary source of this data has been located and it appears that the results were not filed for assessment. This drilling program was focused on the siliceous lithocaps southeast of the Hushamu deposit. Results were generally low, although holes EC-154 and -155 at McIntosh had elevated gold towards the bottom of the holes. Hole EC-158 intersected abundant massive pyrite.

### 6.1.2 Moraga 1987 to 1994

In 1987, BHP-Utah Mines Ltd. (the successor to Utah) optioned the Expo Property to Moraga Resources Ltd. ("Moraga"). Moraga conducted numerous phases of exploration between 1987 and 1994 when Moraga vested the option agreement. The first groundwork conducted was a down-hole pulse EM

survey of an existing drill hole (EC-158) at Pemberton Hills (Woods, 1987), targeting massive sulphide deposits.

In late 1988 and early 1989, Moraga commenced a field program comprising geological mapping and soil sampling (Husband, 1989). This program focused on the Red Dog, McIntosh and Hushamu claim groups. Additionally, selected archived soil sample rejects from Utah's 1960s soil programs were analyzed for Au, As, Se, Te, Bi and Sb.

Moraga focused its drilling efforts on the Hushamu Deposit and nearby McIntosh Mountain area and conducted extensive drilling of this deposit for seven years, eventually completing 45 holes for 13,668 m in six drilling campaigns outlined below (Giroux and Pawliuk, 2003).

- Five diamond drill holes (EC-159 to 163) for 762 m were drilled at the Hushamu deposit between November and December, 1988. No report containing details of this program was written.
- Eleven diamond drill holes (EC-171 to 180, EC-154) totalling 3,822.7m were drilled at the Hushamu area between April and July, 1990; results of this drilling extended the Hushamu deposit 200 m southwards (Jones, 1990; Sutton and Dasler, 1990).
- Eight diamond drill holes (EC-181 to 188) totalling 2,347.0m were drilled during November and December 1990; the results of this work further extended the geological boundaries of the Hushamu copper-gold deposit (Pawliuk, 1991b). One existing drill hole (EC-154) was lengthened.
- Four diamond drill holes (EC-189 to 192) totalling 933.0m were drilled at Hushamu between February and August, 1991; the results of this work defined additional copper mineralization beneath siliceous, pyrophyllite breccias which cap McIntosh Mountain (Pawliuk, 1991a).
- Thirteen diamond drill holes (EC-198 to -210) totalling 4,832m were drilled between September 1, 1991 and March 15, 1992. The results of this work extended the geological boundaries of the Hushamu copper-gold deposit to the south and southeast (Pawliuk, 1992).
- Four diamond drill holes (EC-211 to 214) totalling 972m were drilled between March 3 and April 10, 1994. The geological boundaries along the southwestern and eastern sides of the Hushamu deposit were delineated by this work. Additional, but low grade, copper-gold mineralization was defined beneath the siliceous pyrophyllite breccias on McIntosh Mountain (Pawliuk, 1994). An updated reserve calculation (not 43-101 compliant) of 191 million tons (173 million tonnes) of 0.27% Cu, 0.34 g/t Au and 0.009% Mo was stated (Dasler, 1994).

Additional work done on the Hushamu deposit from 1991 to 1993 consisted of a metallurgical study (Melis and Cron, 1992), a study of ore transport alternatives (Ferne, 1991), a preliminary mining study (Graham, 1993) and a resources calculation (Giroux, 1993). The resource was up-graded to NI 43-101 compliance in 2003 (Giroux and Pawliuk, 2003). These authors concluded that the Hushamu Deposit contains a 231 Mt measured and indicated resource grading 0.28% Cu and 0.31 g/t Au.

Apart from Moraga's focused efforts on the Hushamu deposit, the company conducted smaller programs to test additional targets in the belt. Moraga held an option on the Red Dog claims from Crew Natural Resources Ltd. during 1989 to 1991. They conducted further mapping and drilled eight holes (EC-164 to -171) in 1989 (Harrington, 1989); 11 holes (90-1 to -10) in 1990 (Richards, 1990) and eight holes (91-1 to -8) in 1991 (Richards, 1991).

In 1991, Moraga conducted a ground magnetic and soil sampling program across the Goodspeed target area east of the Red Dog and followed up by drilling five holes (Pawliuk, 1991a).

### 6.1.3 Jordex 1993 to 1997

In 1991, the shares of Moraga were purchased by Jordex Resources Inc. ("Jordex"). By 1993, Moraga was reduced to a holding company and subsequent work was completed by the successor company. By early 1994, Jordex completed its 45% earn-in on the Expo Property pursuant to the 1987 joint venture agreement between Moraga and Utah / BHP. Later that year, Jordex participated in a drill program with BHP, drilling 822m in seven holes at the NW Expo zone (Gatchalian, 1994). In these first holes in this area, drill hole NWE-02 intersected 23.5 metres of 0.5 g/t gold and anomalous copper was returned in several other holes. In early 1995, Jordex converted its stake in the property to 100% subject to a 10% NPI after recapture of capital (Jordex Annual Report, 1994). (Dasler, 1994; Dasler et al., 1995; DeBari et al., 1999)

During 1994 and 1995, just prior to closure of the Island Copper concentrator, Jordex sought partners to provide capital to bring the Hushamu deposit into production (Jordex Correspondence, 1994-1996). Ultimately, no partner was found and the mill was decommissioned as scheduled. In the following few years, Jordex continued to examine the potential of the Expo Property (Fingler, 1996; Roscoe and Cargill, 1996) and flew a 156km helicopter-borne geophysical survey over the NW Expo area (Woolham, 1997).

### 6.1.4 LCC/Lumina 2005

Lumina Copper Corp. ("LCC") purchased Moraga in 2003, to acquire the core Hushamu claim holdings. In February 2005, LCC optioned the Shearer-held claims from Electra Gold Ltd. Lumina Resources Corp. ("Lumina") took over the properties in a corporate restructuring in May 2005.

LCC and Lumina carried out property-wide exploration in 2005 (Baker, 2005), consisting of:

- May 4 to May 11: DIGHEM<sup>V-DSP</sup> helicopter-borne electromagnetic / resistivity / magnetic survey over the entire Hushamu property comprising approximately 2687 line-km
- June 17 to July 24: three NQ diamond drill holes (EC-215 to -217) for 1,103.7m at the Hushamu Deposit and one NQ hole (EC-218) for 462.4 m at NW Expo
- July 22 to August 9: re-logging and PIMA analysis of 12 drill holes along two sections of the Hushamu deposit
- August 3 to September 8: ~196 line-km grid soil sampling for 3842 samples in the NW corner of the property, geological mapping and prospecting of nine target areas across the property, collection of 264 rock samples
- October 26 to December 17: 14 BTW and NQ drill holes (EC-219 to -232) for 1,589.1m at Hushamu, Cougar and NW Expo areas

## 6.2 2007 Exploration Program

In November 2006, Western Copper Corporation ("Western Copper") acquired Lumina and its interests in the Hushamu property. From February through April 2007, Western Copper drilled 15 holes totalling 4360.3 metres of NQ2 core in the NW Expo and Cougar areas of the Hushamu property. Drill core was logged, sawn and sampled at a core tent facility established at the Trails End Motel in Holberg. Downhole surveys were taken with a Flexit downhole instrument supplied by Fordia and core logs were created using Lager software from data entered directly into the Lager databases. Magnetic susceptibility data was collected from all drill core by taking three readings within every drill run and averaging the value. Core logs, including magnetic susceptibility data and chemical analyses are presented in Appendix D. For every 60 samples, one randomly selected sample was quartered and re-sampled as part of the QA/QC program. Standards and blank material samples were each inserted at a frequency of one in 60 samples. All core is stored at the long term storage racks at Port Hardy Bulldozing, Port Hardy.

Peak Drilling Ltd. of Courtenay, British Columbia conducted the drilling using their EF-50 skid-

mounted drill for road sites and their helicopter-flyable LF-70 drill for off-road sites. Helicopter drill moves were completed using an Astar BA on a casual basis from West Coast Helicopters based in Port McNeil, British Columbia. Crews accessed drill sites by truck and Bell 206B JetRanger.

In addition, 12 short drill holes cored by Electra Gold in 2003 for industrial minerals investigations were re-sampled (Appendix E).

Core samples were analyzed by ALS Chemex Labs of North Vancouver for Au (fire assay, atomic absorption finish) and 27 or 33 other elements (ICP with 4-acid digestion). Copies of laboratory certificates are attached in Appendix F. The procedures, results and conclusions of the sampling QA/QC program are summarized in Appendix G.

## **7.0 GEOLOGICAL SETTING**

### **7.1 Regional Geology**

The most recent description of the regional geology of the Hushamu area is given by Nixon et al. (1994; 1997; 2000; 2006) and the following summary is taken predominantly from Nixon's maps, papers and references therein. Figure 3 shows the bedrock geology of northern Vancouver Island.

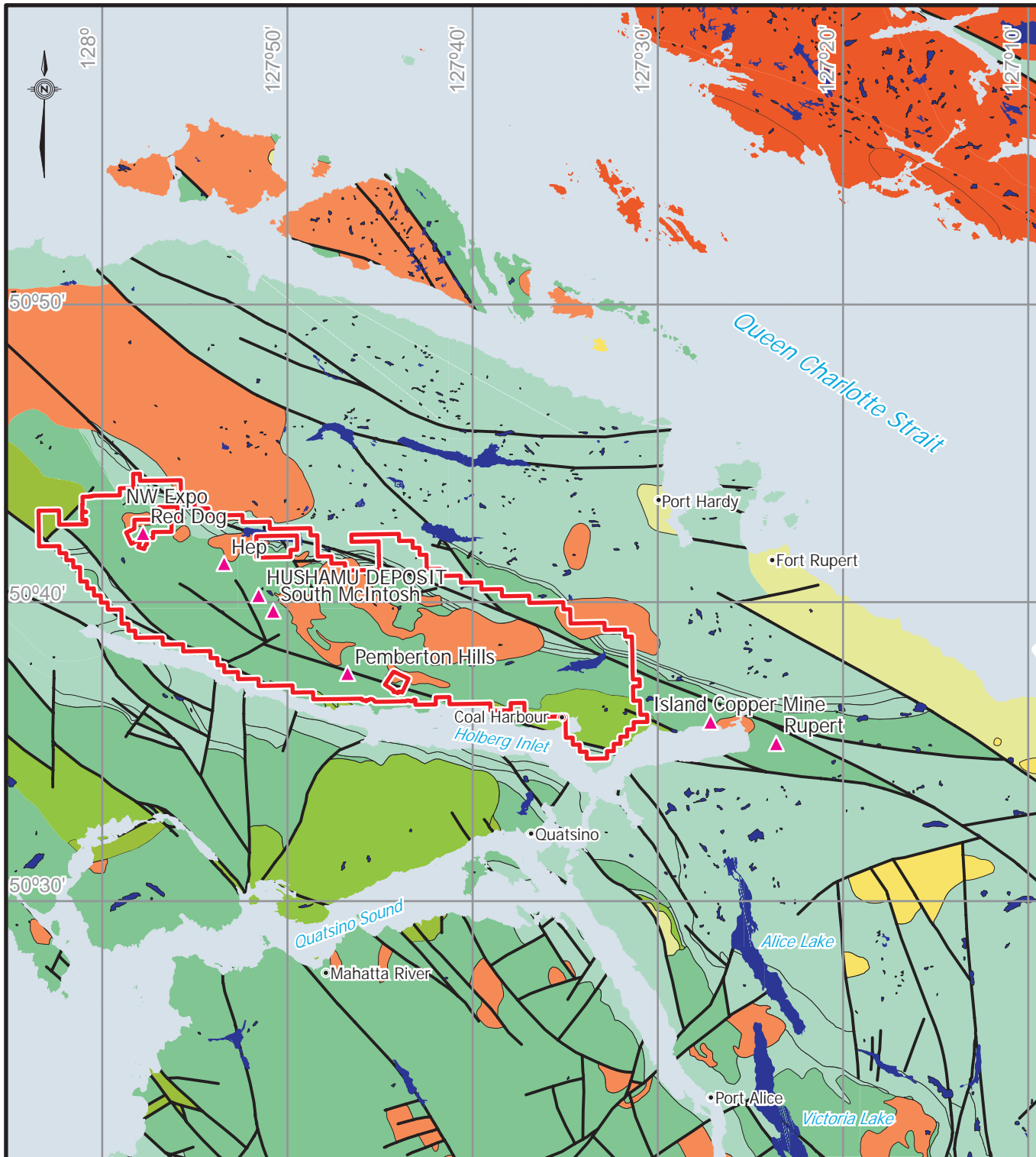
Vancouver Island is comprised of Upper Paleozoic to Lower Mesozoic rocks of Wrangellia – a tectonostratigraphic terrane that occurs discontinuously northward as far as central Alaska. This terrane was amalgamated to the Alexander Terrane of the Alaskan Panhandle (together comprising the Insular Superterrane) by Late Carboniferous time. Subsequently, these terranes were accreted to North America between the Middle Jurassic and the mid-Cretaceous. Thus, Vancouver Island records an early allocthonous history, and a later history with commonality to the North American margin.

The pre-accretion history of Wrangellia is represented by the Paleozoic Sicker Group and the Middle Triassic Karmutsen Formation. The Sicker Group comprises marine Devonian to Early Permian volcanic and sedimentary rocks that host VMS deposits such as at Myra Falls. The Karmutsen conformably overlies the Sicker Group and comprises basaltic and minor sedimentary rocks that underlie about 50% of Vancouver Island. This unit is up to 6000 m thick. Richards et al. (1991) argued that the Karmutsen was initiated by, and extruded above a mantle plume and recent geochemical data support an oceanic plateau origin for the Karmutsen (Greene et al., 2006). The Karmutsen is in turn conformably overlain by the Quatsino Formation of limestone consistent with a period of quiescence following impingement of a mantle plume.

The Bonanza Arc (DeBari et al., 1999) formed along the length of Vancouver Island during accretion of Wrangellia. Owing to later tiling, products of this arc from various crustal depths are all preserved. These include the Westcoast Crystalline Complex, Island Intrusions and the Bonanza Group volcanic rocks. DeBari et al. (1999) argue that all these components have similar ages and geochemical signatures and that they are therefore all products of a single arc. Ages for these rocks range from ca 190 to 169 Ma. Plutonic rocks of the Island Intrusions are responsible for most porphyry copper mineralization on Vancouver Island.

### **7.2 Property Lithology**

The Hushamu Property is underlain by a generally southward-younging sequence of west-northwest-trending upper Triassic to middle Jurassic volcanic and lesser sedimentary rocks belonging to the Vancouver and Bonanza Groups (Figure 4). Table 2 summarizes the characteristics of these rock units. The northern part of the property is underlain by mafic volcanic rocks of the Karmutsen Formation. These thickly bedded to massive flows are well-exposed around Nahwitti Lake and form the topographically highest points in this part of Vancouver Island. This unit is up to 6000 m thick in some parts of the island (Greene et al., 2006).



### Legend

- undivided sedimentary rocks
- undivided sedimentary rocks
- intrusive rocks
- undivided sedimentary rocks
- granodioritic intrusive rocks
- limestone
- basaltic volcanic rocks
- intrusive rocks, undivided
- metamorphic rocks

▲ Deposit, Prospect

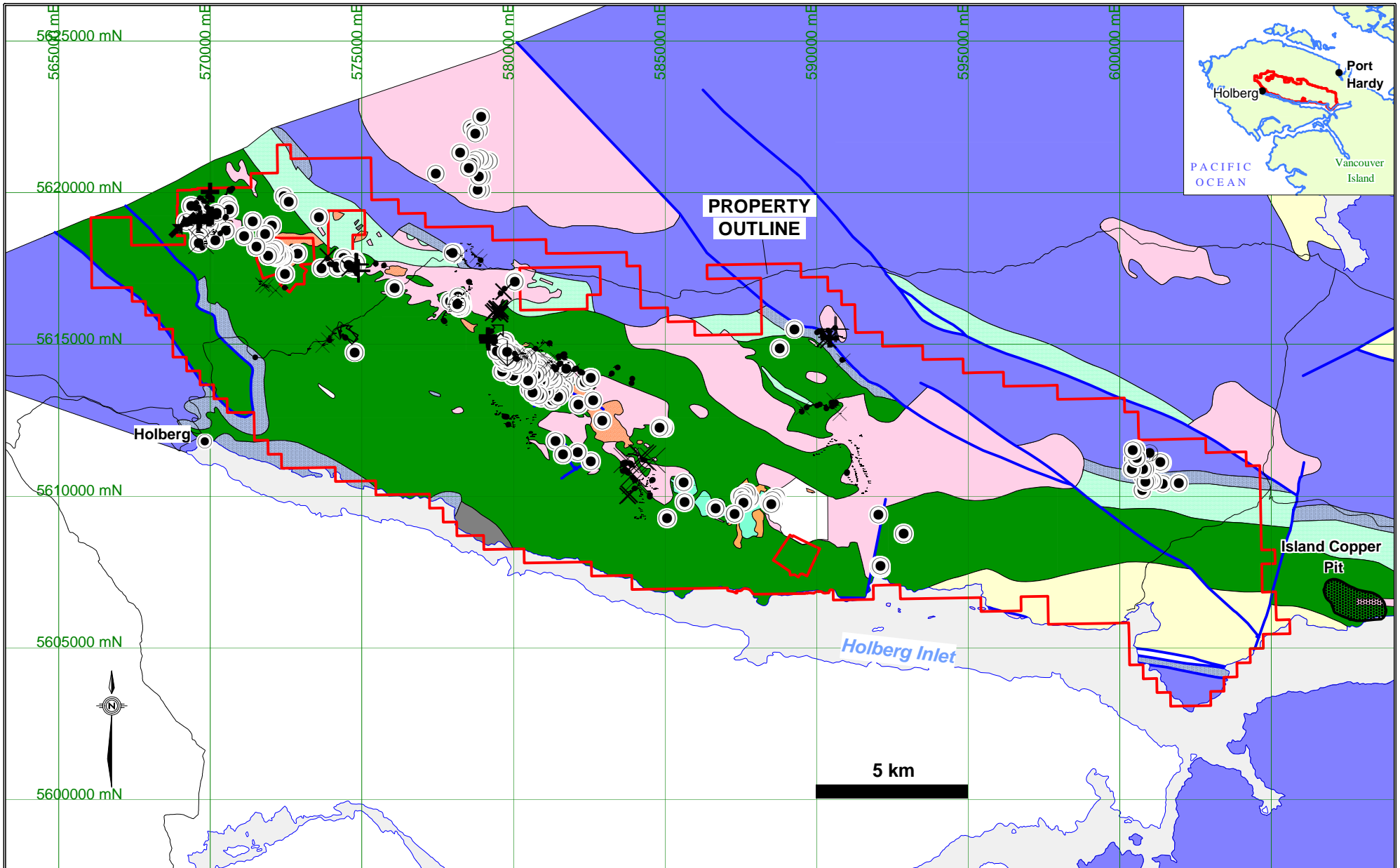
12.5km



*After Massey et al. (2005)*

WESTERN COPPER CORPORATION					
HUSHAMU PROPERTY					
Regional Geology					
	Date:	JUL 2007	Scale:	as shown	Figure
	U.T.M. Zone	UTM 9 - NAD83	Mining District	NANAIMO	3
	N.T.S.	92L	State/Province	BC	





**Lithologic Units**

**STRATIFIED ROCKS**

- QUATERNARY**  
 QT Glacial Till
- LOWER CRETACEOUS**  
**Coal Harbour Group**  
 KC Sandstone, siltstone, conglomerate
- UPPER TRIASSIC to MIDDLE JURASSIC**  
**Bonanza Group**  
**"Bonanza Volcanics" altered facies**  
 JB1 Undivided  
 JB2 Andesite  
 JB3 Andesite lapilli/ash tuff  
 JB4 Pyrite: flow foliated  
 JB5 Diatrite  
 JB6 Basalt  
 JB7 Sedimentary rock  
 JB8 Biotite hornfels  
**Parson Bay Formation**  
 uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcaniclastic rocks, basaltic tuff, pillow lava
- "Bonanza Volcanics" altered facies**  
 JB1a Undivided  
 JB1b Silica, locally hydrothermal breccia  
 JB2a Silica-pyrophyllite + kaolinite +/- dickite +/- diasporite +/- alunite +/- topaz  
 JB2b Silica-pyrophyllite-clay with abundant pyrite  
 JB3a Diatrite  
 JB3b Clay (silica largely absent)  
 JB4a Silica-chlorite-magnetite  
 JB4b Sericite-chlorite-clay +/- pyrite  
 JB5a Silica-breccia  
 JB5b Silica-vertebrae-pyrite

**UPPER TRIASSIC**

- Vancouver Group**  
**Quartzite Formation**  
 uTQ Bedded to massive micritic to bioclastic limestone
- Karmutsen Formation**  
 uTKs Thin horizons of limestone near the top of the succession  
 uTK Aphanitic to coarsely plagioclase-phylic subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite

**INTRUSIVE ROCKS**

- TERTIARY**  
**Intrusive Dykes, Sills and Stocks**  
 TI Basalt
- EARLY to MIDDLE JURASSIC**  
**Island Plutonic Suite**  
 J1 Undivided: medium to coarse grained, equigranular to porphyritic granitoid rocks  
 J11 Diorite  
 J12 Quartz feldspar porphyry  
 J13 Granodiorite  
 J14 Monzonite
- Minor Intrusions**  
 JB Mafic intrusions inferred to be "Bonanza" age

- Western Forest Products Road
- Fault, thrust  
 Major fault, normal  
 Outcrop  
 Claim Boundary  
 Mag High  
 Mag Low  
 Mag Mixed  
 Drill Hole
- Bedding  
 Foliation  
 Joint  
 Dyke  
 Vein  
 Fold Axis  
 Fault  
 Lineation
- 2005 Rock Sample (grab, float)  
 2005 Silt Sample

**WESTERN COPPER CORPORATION**

**HUSHAMU PROPERTY**  
**Property Geology**

Date: JUL 2007 Scale: 1:175,000 Figure  
 U.T.M. Zone: UTM 9 - NAD83 Mining District: NANAIMO  
 N.T.S. 92L State/Province: BC 4

Immediately to the south, the Karmutsen is conformably overlain by the Quatsino Formation of fine-grained (micritic), massive to weakly bedded grey limestone. This unit is typically well-exposed forming abundant natural outcrops and several large road-cuts along logging. In this area, the Quatsino Formation is approximately 100-200 m thick. Lying above the Quatsino Formation is the Parson Bay Formation. On the Hushamu Property, only rare outcrops of this unit are present, probably because of poor exposure. In the Nahwitti River valley, outcrops of thinly-bedded siltstone and mudstone was observed. Locally these sedimentary rocks contain significant graphite.

Most of the core of the Hushamu Property is underlain by "Bonanza" volcanic rocks. These rocks generally comprise a monotonous sequence of massive andesitic volcanic rocks. Feldspar-phyric coherent rocks are the most common but most outcrops exhibit some form of brecciation (hyaloclastite or autobrecciation). Only very rarely can any indication of bedding be observed in these rocks. Some sequences, such as at NW Expo, however, show well-bedded tuffaceous units, locally with very fine ash / muddy layers (lahars?) containing common wood fragments. The Bonanza volcanics are typically moderately chlorite-altered with common zeolite veins and fractures. Near porphyry Cu-Au-Mo centres, however, the alteration of these rocks is extremely intense, to the point that primary textures are mostly obliterated.

The Bonanza volcanics altered facies (Table 2) avoids the difficulty in determining protoliths of intensely altered rocks by allowing these rocks to be named by descriptive alteration minerals rather than interpreting what the rocks were prior to alteration. Areas of intensely altered rocks occur in a belt within the core of the property that is discontinuous from the Pemberton Hills to NW Expo and includes the Hushamu and Red Dog Deposits.

In the southwest corner of the property, the Karmutsen and Quatsino Formations are repeated, likely as a result of vertical movement on late faults that transect the property. Several orientations of faults are prominent including northwest-trending, northeast-trending and north-trending sets.

The core of the belt is intruded by a series of Jurassic plutonic rocks forming part of the Island Plutonic Suite.

**Table 2: Hushamu Lithologic Units**

**STRATIFIED ROCKS:**

***QUATERNARY***

QT gravel, boulder till, local mud-rich laminated till

***LOWER CRETACEOUS***

**Coal Harbour Group**

IKC Sandstone, siltstone, conglomerate

***UPPER TRIASSIC to MIDDLE JURASSIC***

**Bonanza Group**

***"Bonanza Volcanics"***

JB Undivided volcanic rock

JB1 Andesite: green, variably massive / coherent facies, feldspar-phyric, hyaloclastite breccia common

JB2 Andesite lapilli and/or ash tuff: green, volcanoclastic facies comprising angular to rounded coarse ash to block-sized fragments, locally fine-grained ash size, local charred wood fragments

JB3 Rhyolite: coherent and volcanoclastic facies

JB4 Dacite

JB5 Basalt

JB6 Sedimentary rocks: undivided

**Table 2 (con't): Hushamu Lithologic Units****Bonanza Group*****“Bonanza Volcanics”***

JB7 Hornfels, biotite-rich contact metamorphosed Bonanza volcanic rocks

***“Bonanza Volcanics” Altered Facies***

JBa1 Silica, locally hydrothermal breccia

JBa2 Silica-pyrophyllite±kaolinite±dickite±diaspore±alunite±topaz

JBa3 Silica-pyrophyllite-clay with abundant pyrite

JBa4 Clay (silica largely absent)

JBa5 Silica-chlorite-magnetite

JBa6 Sericite-chlorite-clay±pyrite

JBa7 Silica breccia, fragments from angular to spherical

JBa8 Silica-sericite-pyrite

**Parson Bay Formation**

uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcanoclastic rocks, basaltic lithic tuff, pillow lava

**UPPER TRIASSIC****Vancouver Group*****Quatsino Formation***

uTQ Bedded to massive micritic to bioclastic limestone

***Karmutsen Formation***

uTKls thin limestone horizons near top of succession

uTK Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite breccia

**INTRUSIVE ROCKS:****TERTIARY****Intrusive dykes, sills and stocks**

TI Basalt, medium-grained weakly to unaltered with chilled margins

**EARLY TO MIDDLE JURASSIC****Island Plutonic Suite**

J1 Undivided: medium to coarse-grained, equigranular to porphyritic granitoid rocks

J11 Diorite

J12 Quartz-feldspar porphyry

J13 Granodiorite

J14 Monzonite

**Minor Intrusions**

JB1 Mafic intrusions inferred to be “Bonanza” age

**7.3 Property Structure**

The layered units underlying the Hushamu Property generally dip gently (20 to 30°) southward, although they have been rotated against later faults causing local steep dips. Deformation of the area has been described by Nixon et al. (1994) and is summarized below.

### **Phase 1: Post-Early Jurassic to Pre-Cretaceous Deformation**

The first deformational event is related to an east-northeast directed compressional event that resulted in regional tilting of the Lower Jurassic and older strata to form the Victoria arch. In addition flexural slip folding and the development of northwesterly trending thrust faults occurred during this deformation event. Northeast directed compression is indicated by the presence of locally well developed, northwesterly striking, stylolitic cleavage in the Quatsino limestone.

### **Phase 2: Post-Mid to Pre-Late Cretaceous Deformation**

The second deformational event postdates deposition of the mid-Cretaceous Coal Harbour Group sediments and may predate deposition of the Upper Cretaceous Nanaimo Group. Northerly directed compression resulted in an episode of intense strike-slip faulting and lesser thrusting. Faults formed during this deformation event are dominantly northwesterly trending structures that have in many cases produced significant drag folding in adjacent strata where the units are well bedded. The most obvious northwesterly trending faults are high-angle dextral strike slip faults with a south-side up sense of motion. It is the presence of this generation of faults that causes most of the stratigraphic repetitions that occur in the map area.

The Holberg fault is a curvilinear south-side up thrust fault that formed during this second deformational event in response to northward directed stresses. This important structure places Upper Triassic strata on the south side of Holberg inlet adjacent to mid-Cretaceous and older strata on the north side of the inlet. The most convincing kinematic indicator for movement on the Holberg fault is the presence of many northerly verging, gently plunging drag folds in the footwall. Minor coaxial thrust faults and a well-developed stylolitic cleavage in limestones in the footwall also demonstrate this sense of motion. Some of the major NW trending dextral strike-slip faults in the area are splays off the Holberg fault.

### **Phase 3: Tertiary Deformation**

The third deformational event in the area is characterized by northwesterly to north-northwesterly directed extension that postdates the deposition of the Upper Cretaceous Nanaimo Group sediments. This phase of deformation is represented by minor north-easterly to east north-easterly striking normal faults that affect Upper Cretaceous and older strata. Northeast striking Tertiary dikes intruded during this final phase of deformation.

## **8.0 MINERALIZATION AND ALTERATION**

All exploration on the Hushamu property in 2007 was confined to the NW Expo and adjacent Cougar target areas, which are located in the far NW corner of the Hushamu Property. The area is underlain by Bonanza volcanic rocks (predominantly andesitic tuff) that show high variability in degree of alteration. Along the northern part of the area these rocks are weakly altered and primary textures are well preserved. Alteration is limited to weak to moderate chlorite alteration. By contrast, most of the area exhibits intense alteration that has obliterated most primary texture. Rocks showing such high variability in alteration have been juxtaposed by the common fault breccia and gouge zones in this area. Although these faults are generally not exposed on surface, drilling has revealed several examples of this faulting across the area.

The most conspicuous example of alteration in the area is a series of steep, south-facing cliffs just below drill hole EC-228. These comprise silica-pyrophyllite-altered tuffaceous rocks of likely dacite and/or andesite affinity. A west-northwest trending subtle magnetic high is present at the base of this cliff but no outcrop is present within the anomaly. Downslope, however, a few small outcrops comprise clay (dickite?)-pyrophyllite-pyrite. These outcrops are generally barren or contain low-grade Au-Cu-Mo mineralization. In this area, mineralization is hosted in chlorite-silica-magnetite rock which does not outcrop but was intersected in drill holes immediately below the silica-clay altered zones.

Importantly, the footprint of strong alteration in the NW Expo Zone extends across an area at least

1.6 by 1.2 km as evidenced by a large (about 25 metres long) outcrop of strong pyrophyllite-clay-pyrite+/- silica altered tuff within the northern branch of the Goodspeed River approximately mid-way between NW Expo and the Red Dog deposit, and by outcrops in the Goodspeed proper north of hole NWE-07. Although these outcrops generally returned low values in Au, Cu and Mo, their intense alteration suggests a broad hydrothermal system. Strongly altered volcanic rocks exposed within a quarry at NW Expo (Moly Quarry), show widespread hairline fracture-controlled molybdenite.

## 9.0 2007 DIAMOND DRILLING

A total of 15 holes totalling 4,360 metres were cored with NQ2 tools in the NW Expo and Cougar areas (Table 3) between February 17 and April 17, 2007. These holes were designed to follow up on favourable results from the 2005 drill program (Figure 5a). Overburden depths are generally <10 metres in the NW Expo area, but increase eastward in the Cougar area, although still not well defined (Figure 5b).

**Table 3: 2007 Diamond Drilling Survey Data**

Drill Hole	Target	Collar (UTM NAD 83)			Azimuth	Inclination	Length (m)
		Northing	Easting	Elev (m)			
EC-233	NW Expo	5619467	569537	428	230°	-55°	688.9
EC-234	NW Expo	5619468	569543	428	180°	-55°	627.9
EC-235	NW Expo	5618944	570327	175	205°	-70°	294.7
EC-236	Cougar	5619894	570513	166	165°	-80°	435.9
EC-237	NW Expo	5619254	569896	241	200°	-60°	76.2
EC-238	NW Expo	5619254	569896	241	360°	-90°	138.6
EC-239	NW Expo	5619021	570040	197	360°	-90°	100.6
EC-240	NW Expo	5619037	569733	231	360°	-90°	164.6
EC-241	Cougar	5619617	570588	190	360°	-90°	97.5
EC-242	Cougar	5619617	570588	231	090°	-80°	407.2
EC-243	Cougar	5618470	570553	185	360°	-90°	83.5
EC-244	Cougar	5619472	570626	206	030°	-70°	420.6
EC-245	NW Expo	5619357	569305	422	206°	-70°	351.7
EC-246	Cougar	5619066	571395	200	005°	-70°	384.0
EC-247	Cougar	5619605	571475	190	245	-60°	88.4
TOTAL							4360.3

Notable Au-Cu-Mo mineralization was encountered in six holes (Table 4). Four of these were from the NW Expo deposit, where previous drilling in 2005 returned 1.0 g/t Au and 0.17% Cu over 95 m (hole EC-228) and 0.52 g/t Au and 0.11% Cu over 125 m (hole EC-218). Two other holes, however, encountered previously unknown mineralization at the Cougar Zone. Details of individual targets and a summary for each hole drilled in 2007 are provided below.

**Table 4: Significant 2007 Drill Intersections**

Drill Hole	Zone	From (m)	To (m)	Interval	Au (g/t)	Cu (%)	Mo (ppm)
EC-233  <i>including and</i>	NW Expo	138.7	221.3	82.6	0.14	0.003	334
		271.3	453.0	182.5	0.58	0.078	125
		271.3	313.9	42.6	0.24	0.023	223
		313.9	423.7	109.8	0.82	0.118	31

**Table 4 (cont'd): Significant 2007 Drill Intersections**

<b>EC-234</b>	NW Expo	246.9	393.2	146.3	0.88	0.113	131
<i>including and</i>		246.9	286.5	39.6	0.83	0.019	402
		286.5	393.2	106.7	0.90	0.148	31
		402.3	451.1	48.8	0.43	0.096	108
<b>EC-236</b>	Cougar	219.2	395.6	176.4	0.09	0.122	33
		414.2	429.5	15.3	0.06	0.105	19
<b>EC-240</b>	NW Expo	24.4	26.6	2.2	0.03	0.388	1
<b>EC-242</b>	Cougar	210.3	271.3	61.0	0.14	0.155	92
<i>including</i>		240.8	271.3	30.5	0.19	0.184	114
		278.6	301.8	23.2	0.36	0.180	27
<b>EC-245</b>	NW Expo	148.0	267.9	119.9	1.25	0.155	6
<i>including and</i>		148.0	199.9	51.9	1.44	0.182	4
		234.7	267.9	33.2	1.92	0.229	11
		267.9	288.6	20.7	0.12	0.008	506

### 9.1 NW Expo Zone

Drill holes EC-233 and EC-234 (Figures 6a, 6b) were drilled to check the continuity and geometry of the mineralized zone associated with the magnetite-chlorite-silica body previously encountered in EC-218 and EC-228 and marked by a strong magnetic anomaly from the airborne survey. The holes were drilled from the same site as hole EC-218, but angled at an azimuth approximately 25° on either side of it, so that the hole traces would be ~115 metres away from EC-218 at 300 metres down the hole. Both holes intersected strong silica-chlorite-magnetite altered rock, from 304.5 to 390.5 metres in hole EC-233 and 309.8 to 466.9 metres in hole EC-234. Metal zonation is apparent throughout the NW Expo Zone, with a ~120 metre thick copper-rich (>1000 ppm Cu) and molybdenum-poor zone mainly hosted by the silica-chlorite-magnetite alteration. The copper-rich zone is flanked above and below by zones with elevated molybdenum grades (commonly >100 ppm Mo). Above the copper zone, the 180-metre thick Mo-rich zone is hosted by a variety of alteration types, all of which lack chlorite and appreciable magnetite. A narrower, 15-metre thick Mo-rich zone underlies the copper zone in mixed alteration types. Gold grades are most consistently elevated in the copper zone, but extend into the molybdenum zones. Combined with the previous NW Expo drilling, these holes indicate a west-northwest trending, moderately north-northeast dipping gold-copper body, with good lateral continuity over >260 metres and good downdip continuity for >330 metres from surface.

### EC-233 Summary

0.0 - 3.0	CASING
3.0 - 84.0	ANDESITE (JB1, JB2): green, medium-grained. Feldspar and chlorite-replaced amphibole-phyric. Moderately magnetic with weak chlorite and sericite alteration. Strongly fractured and cut by zeolite stringers. Cut by two faults to 50 cm thick containing up to 3% pyrite. Becomes fragmental downhole containing heterolithic fragments to 3 cm across. In faulted contact with underlying altered fragmental.
28.7 -34.4	CLAY-SILICA (JBa4): altered andesite fragmental?
84.0 - 95.3	QUARTZ FELDSPAR PORPHYRY (JI2): Strong feldspar, weak quartz phenocrysts, faulted lower contact consisting of 50 cm of gouge.
95.3- 103.0	SILICA-PYROPHYLLITE-CLAY-PYRITE (JBa3): clay altered, silicified rock, 4-7% pyrite.

103.0 -148.2	SILICEOUS FRAGMENTAL (JBa7): Rounded silica fragments and angular fragments with jig-saw fit. Silica and clay cement. Trace molybdenite locally over short horizons and pyrite up to 7% down hole. Cut by a single QFPO clay altered dyke.
148.2 -221.3	SILICEOUS BRECCIA (JBa1): breccia to crackle breccia molybdenite and ferrimolybdenite on fracture surfaces in trace quantities locally. Minor clay zones.
221.3 -259.5	CLAY-KAOLINITE-DICKITE+/-SILICA (JBa4, JBa2): strong clay-kaolinite altered intercalated with dickite-silica horizons. Trace pyrite increases downhole to 2% with trace molybdenite.
259.5-304.5	PYROPHYLLITE-DICKITE-KAOLINITE-SILICA-PYRITE (JBa4, JBa3): variable clay alteration, dickite, pyrophyllite, kaolinite and silica. Pyrite 1-2% typically with silica. Trace finely disseminated and minor fracture fill molybdenite.
304.5- 390.5	CHLORITE-MAGNETITE+/-SERICITE+/-CLAY (JBa5, JBa6): Trace chalcopyrite, 1-3% pyrite locally a magnetite/chlorite/silica clotty texture. Becomes sulphide poor near the base of the zone.
390.5 -457.3	SILICA-CLAY_PYRITE (JBa3): silica, chlorite alteration, with increasing clay down hole, non-magnetic. Pyrite 3-10%. Cut by a single andesite dyke. Trace very fine grained molybdenite.
457.3 - 513.4	SILICA-SERICITE-PYRITE (JBa8): Sericite dominant with silica and pyrite to 3-5%, trace molybdenite cut by two andesite dykes 1 and 4 m thick, feldspar porphyry dyke 7 m thick and a 2 m wide fault separating upper contact of the porphyritic dyke from the country rock.
513.4 - 656.1	SILICA-SERICITE-PYRITE (JBa8): Sericite dominant with silica and pyrite to 3-5%, trace molybdenite cut by two andesite dykes 1 and 4 m thick, feldspar porphyry dyke 7 m thick and a 2 m wide fault separating upper contact of the porphyritic dyke from the country rock.
656.1- 685.0	SERICITE-CHLORITE-CLAY (JBa8): Weakly fragmental. Strong sericite, moderate to strong silica, and weak clay alteration. One occurrence of sphalerite in quartz with minor remnant silica veins, 3-5% pyrite.
685.0 - 688.9	DIORITE (J11). Chloritic, weak sericite. No visible sulphides.
688.9	E.O.H.

### EC-234 Summary

0.0 - 6.0	CASING
6.0 - 23.2	ANDESITE (JB1): Fine- to medium-grained moderately chloritized and magnetic. Cut by abundant pink zeolite veins and contains trace disseminated pyrite.
23.2 - 53.1	SILICEOUS CLAY MATRIX BRECCIA (JBa1): Clay altered with patchy silica and 5% pyrite near the faulted contact with the overlying andesite. Down hole, silicification becomes more intense with jigsaw fit fragments in a clay rich matrix. Trace disseminated pyrite but locally up to 5% over several meters. Trace arsenopyrite.
53.1 - 103.7	SILICA-KAOLINITE-PYROPHYLLITE-DICKITE-ALUNITE-CLAY (JBa2): moderate to intense patchy silica alteration, contains 1-3% pyrite, downhole becomes intercalated with horizons containing up to 5% pyrite. Cut by 2 m wide feldspar phyric dyke.
103.7- 194.3	SILICA-KAOLINITE BRECCIA (JBa1) Silica alteration locally very strong, breccia to crackle breccia, heavily oxidized. Composed of silicified fragments in a clay-silica-oxide matrix. Contains up to 3% pyrite locally and trace molybdenite occurs lower in

	the unit.
194.3 - 309.8	KAOLINITE-DICKITE-SILICA-PYRITE (JBa3): Silica/clay altered with 4-7% pyrite, locally higher. Traces of molybdenite, trace chalcopyrite, common bluish tinge interpreted to be fine-grained molybdenite.
309.8 - 404.1	SILICA-CHLORITE-MAGNETITE (JBa5) Black/dark grey, strong magnetite-chlorite alteration composes up to 30% of the rock and weakly clay altered locally. Trace to 1% pyrite, 0.5% chalcopyrite and 0.5% bornite typically occur in chlorite-magnetite clots. Cut by a 65 cm thick diorite dyke near the bottom of the unit.
404.1 - 474.7	SERICITE-CHLORITE-CLAY-SILICA (JBa6): Texturally similar to JBa5 with amoeboid silica and clotty clay alteration. Quartz and gypsum veins cut the unit throughout. Trace molybdenite within fractures and veins, 2-4% pyrite locally replacing clays. Fine-grained diorite dykes cut the unit locally.
474.7- 522.6	SERICITE-CLAY-PYRITE-SILICA (JBa4): intergrown clays and silica form spotted texture. Abundant gypsum and zeolite veins cut the core at various angles and are typically associated with yellow sulphosalts. Unit contains 4-7% pyrite as fracture fill and disseminations and fine-grained disseminated molybdenite.
522.6 - 627.9	SILICA-CLAY-PYRITE (JBa3): Strong silica alteration with 4-7% pyrite, fine grained disseminated molybdenite decreases down hole. Cut by several fine-grained diorite dykes up to 6 m thick.
627.9	E.O.H.

A linear magnetic anomaly interpreted from the geophysical survey was tested with EC-235. No significant mineralization was encountered; a 21.0 metre section of unmineralized silica-chlorite-magnetite alteration may explain the magnetic high (Figure 6c).

### EC-235 Summary

0.00 - 12.2	CASING
12.2 - 121.8	FELDSPAR PORPHYRY (J12): Light green, moderate- to coarse-grained with 4 mm long plagioclase and amphibole(?) phenocrysts in a fine-grained chlorite, epidote, and sericite altered groundmass. Weakly magnetic with trace pyrite. Unit is intruded by five diorite dykes up to 4.5 m thick.
121.8 - 162.9	UNDIVIDED BONANZA VOLCANICS (JB): trace pyrite, trace chalcopyrite. Locally, weak chlorite magnetite alteration, 1-3% pyrite.
162.9-183.9	SILICA-CHLORITE-MAGNETITE (JBa5): Very fractured core overlying an 8 m thick fault zone, 3-5% pyrite.
183.9 -294.7	UNDIVIDED BONANZA VOLCANICS (JB): variably altered and brecciated with discrete horizons of crackle breccia and gypsum veining. Locally, clay, sericite, magnetite or chlorite-magnetite altered, 1-5% pyrite, trace molybdenite over intervals of several meters. Cut by feldspar porphyry and diorite dykes.
294.7	E.O.H.

Holes EC-237 and EC-238 were drilled to intersect the calculated eastward projection of the silica-chlorite-magnetite body intersected in previous drilling. Both holes encountered strong faulting in altered rocks and were abandoned before target depth due to extreme difficulty in drilling the highly fractured and faulted rock (Figure 6d).



**EC-237 Summary**

0.0 – 21.3	CASING
21.3 – 25.6	QUARTZ-FELDSPAR PORPHYRY (JI2): clay altered, 3% disseminated pyrite.
37.4 – 70.5	FAULT: contains 3-4% pyrite and sections of fine-grained vesicular igneous rock rubble with trace pyrite
70.5 – 76.2	DIORITE (JI1): Vesicular, fine-grained, diorite dyke with trace pyrite.
76.20	E.O.H.

**EC-238 Summary**

0.0 – 15.2	CASING
15.2 – 24.4	QUARTZ FELDSPAR PORPHYRY (JI2): Weakly clay altered with 3% disseminated pyrite and trace molybdenite
24.4 – 41.3	SILICA-CLAY-PYRITE (JBa3): Clay altered. Highly fractured. 4% pyrite.
41.3 – 122.2	FAULT: 3-4% pyrite, locally contains cohesive clay altered sections up to 5 m in length.
122.2 – 138.6	UNDIVIDED BONANZA GROUP (JB): Andesite crystal tuff(?). Weak sericite-silica-chlorite-magnetite altered and veined by calcite, trace pyrite.
138.6	E.O.H.

Hole EC-239, targeted on the "Moly Quarry" area of NW Expo, was abandoned at 100.6 metres due to extreme ground conditions (Figure 6e).

**EC-239 Summary**

0.0 – 9.0	CASING
9.0 – 44.8	KAOLINITE-DICKITE-PYROPHYLLITE-CLAY (JBa2): patchy white clay alteration in silica alteration. Pyrite 1-3% and trace molybdenite throughout.
44.8 – 75.7	PYROPHYLLITE-CLAY (JBa4): clay altered, faulted and fractured. Pyrite 5-7%, and trace molybdenite. Fragments and competent sections are strongly clay altered.
75.7 – 85.6	SILICEOUS BRECCIA (JBa1): strongly broken and cut by calcite stringers, weak pyrite. Upper portions are transitional from clay dominated to silica dominated.
85.6 – 100.6	QUARTZ FELDSPAR PORPHYRY (JI2): strongly fractured, weak pyrophyllite and clay alteration with pyrite.
100.6	E.O.H.

EC-240 was drilled south of the bluffs formed by the silica-clay lithocap, which overlies the mineralized silica-magnetite-chlorite unit. Previous drilling, outcrop mapping and sampling indicated the presence of molybdenite and chalcopyrite in the vicinity of the collar of EC-240. Results were generally low, with the only significant interval grading 0.39% Cu over 2.2 metres (Figure 6d).

**EC-240 Summary**

0.0 – 3.7	CASING
3.7 – 46.6	DIORITE (JI1): silica-sericite-chlorite altered diorite with 1-2% pyrite, trace

	chalcopyrite and trace molybdenite in the lower 10 m associated with magnetite alteration. Cut by a 3 m wide fine-grained mafic dyke.
46.6 – 74.1	FELDSPAR PORPHYRY (JI2): pervasive moderate silica and sericite alteration, 3% disseminated pyrite with trace molybdenite. Five meter interval of pervasive clay alteration and intense fracturing at 60.4 m.
74.1 – 110.1	KAOLINITE-DICKITE-PYROPHOLLITE-CLAY-SILICA (JBa4): Variable clay and clay-silica alteration with 7-10% pyrite and trace to locally abundant molybdenite occurring as fracture coatings or within quartz veins 1-5 mm thick. Cut by two fine-grained diorite dykes up to 1.5 m thick.
110.1 – 164.6	DIORITE (JI1): silica-sericite-chlorite altered with trace pyrite. Locally strongly clay altered (JBa4) and contains abundant pyrite with trace molybdenite. Lower 40 m of the unit is intensely fractured and variably altered and cut by fine-grained diorite dykes 50-75 cm thick.
164.6	E.O.H.

The western extent of the strong airborne magnetic anomaly was tested with hole EC-245. It intersected significant silica-chlorite-magnetite alteration with chalcopyrite, pyrite and associated gold (Figure 6a). This zone was intersected from 148.0 to 264.9 metres but was diluted by non-mineralized dykes from 169.0 to 172.3 and 199.9 to 231.8 metres. This zone was immediately underlain by a molybdenum rich but gold- and copper-poor zone (20.7 metres @ 0.12 g/t Au, 79 ppm Cu and 506 ppm Mo).

#### EC-245 Summary

0.00 - 4.80	CASING
4.80 - 43.30	ANDESITE (JB2): Lapilli tuff. Heterolithic breccia. Fragments to 5cm.
43.30 - 134.30	SILICA (JBa1): Light grey, homogeneous. Silicified. Strongly fractured, faulted.
134.30 - 148.00	SILICA-PYROPHYLLITE (JBa2): Grey, homogeneous. Silica, clay-dickite-kaolinite-pyrophyllite altered. Pyrite trace to 1.5%.
148.00 - 152.00	CLAY-CHLORITE (JBa4): Dark green. Chlorite-clay altered. Faulted/fractured.
152.00 - 155.80	CHLORITE-MAGNETITE (JBa5): Dark grey-green. Stringer and clotty magnetite. Pyrite 1%.
155.80 - 156.70	SILICA (JBa1): Homogeneous, grey. Intense silicification.
156.70 - 162.30	CLAY-SERICITE-CHLORITE (JBa6): Grey-green. Strong clay-sericite-chlorite alteration.
162.30 - 169.00	CHLORITE-MAGNETITE (JBa5): Dark green. Intense wormy chlorite-magnetite. Trace pyrite and chalcopyrite.
169.00 - 172.30	DIORITE (JI1): Green, post mineral intrusive.
172.30 - 199.90	CHLORITE-MAGNETITE (JBa5): Green-grey, strongly chlorite-magnetite altered. Very fine-grained disseminated pyrite-chalcopyrite.
199.90 - 231.80	QUARTZ-FELDSPAR PORPHYRY (JI2): Weak chlorite alteration, zeolite veined.
231.80 - 234.70	CHLORITE-MAGNETITE (JBa5): Green. Intensely chlorite-magnetite altered.
234.70 - 264.90	SILICA-PYROPHYLLITE (JBa2): Grey. Silicified. Light green sericite and pyrophyllite-dickite. Pyrite 1%.

264.90 - 288.60	ZEOLITE VEIN: White/cream. Strongly fractured/faulted. Silica altered zones. Molybdenite as disseminations and as fine stringers. Trace chalcopryrite.
288.60 - 296.40	DIORITE (J11): Dark green, fine grained. Chlorite altered.
296.40 - 351.70	CLAY-CHLORITE (JBa4): Grey. Intensely clay altered. Pyrite 9-12%.
351.70	E.O.H.

## 9.2 Cougar Zone

The Cougar Zone presented drilling problems with thick overburden masking most of the airborne magnetic anomaly (Figure 5b). However, the first hole on the Cougar Zone, EC-236, encountered strongly magnetite altered rocks which resemble the alteration facies encountered at the Hushamu deposit. The rocks are weakly mineralized over a large interval, and display significant alteration (Figure 6f).

### EC-236 Summary

0.00 – 54.91	CASING
54.91 – 67.6	AGGLOMERATE (JB): agglomerate with fragments to 10 cm across. 1-2% cubic pyrite.
67.6 – 158.9	QUARTZ FELDSPAR PORPHYRY (J12): medium-grained, weakly chloritized, cut by 15 m wide diorite dyke and 3 m wide zone of dickite-smectite-sericite-pyrophyllite alteration and gouge containing 5% pyrite.
158.9 – 213.0	SILICA-CHLORITE-SERICITE-EPIDOTE-CLAY (JBa6): strong variable alteration with weak patchy silica alteration, 5-12% pyrite typically in clots or fine- to medium-grained disseminations, veins or filling fractures.
213.0 – 321.1	SILICA-CHLORITE-MAGNETITE (JBa5): strong chlorite-magnetite alteration with minor pyrite to 6%, trace chalcopryrite and trace molybdenite. Locally, magnetite is replaced by epidote, chlorite and clays for 3 m intervals. Two strongly foliated intervals of 3 m.
321.1 - 322.7	SILICA-CLAY-PYRITE (JBa3): less intensely altered.
322.7 – 342.1	SERICITE-CHLORITE (JBa6): altered phenocrysts present, weak pyrite.
342.1 – 381.3	SILICA-CHLORITE-MAGNETITE-EPIDOTE (JBa5): strong alteration. Stringers, clots and veins of fine-grained magnetite, weak pyrite. Cut by 2 m wide quartz feldspar porphyry dyke.
381.3 – 413.6	DIORITE: medium-grained, fresh, post-mineral intrusion.
413.6 – 425.9	SILICA-CHLORITE-MAGNETITE (JBa5): disseminated to clotty magnetite and pyrite exclusive of one another.
425.9	E.O.H

EC-241, targeting the southern margin of the northwestern end of a strong airborne magnetic anomaly, was abandoned at 97.5 metres due to technical problems with the ground conditions (Figure 6f).

### EC-241 Summary

0.00 – 54.90	CASING
54.90 – 79.20	PYROPHYLLITE-DICKITE-CLAYS (JBa4): fine-grained intergrown clays with fine-grained disseminated and fracture filling pyrite. Locally contains light blue

	dumortierite alteration and variably oriented quartz veins to 5 mm thick. Cut by 2 m wide fine-grained diorite dyke.
79.20 – 97.50	PYROPHYLLITE-DICKITE-CLAY-SILICA (JBa3): Patchy amoeboidal silica alteration mixed with clay alteration. Pyrite clots replace clay alteration with overall abundance of 7-10%.
97.50	E.O.H.

Hole EC-242, drilled at the same setup as hole EC-241, encountered similar alteration and mineralization as EC-236. Again, the style of alteration and mineralization is very similar to the Hushamu deposit (Figure 6f).

#### EC-242 Summary

0.00 - 61.00	CASING
61.00 - 147.70	CLAY-PYRITE (JBa4): Dominantly grey clay with 5-10% pyrite and trace dumortierite. Numerous fault slips. More competent and zeolite stringered from 129.8 to 147.7m.
147.70 - 196.10	SERICITE-CHLORITE-CLAY (JBa6): Grey clay altered, moderate to strongly fractured, faulted. 4-7% pyrite (147.7-188.50), weak pyrite (188.5 to 196.1).
196.10 - 204.20	SERICITE-CHLORITE (JBa6): Green-grey chlorite altered with minor magnetite as stringers.
204.20 - 272.40	SILICA-CHLORITE-MAGNETITE (JBa5): Patchy silica, chlorite magnetite altered. Trace chalcopyrite, molybdenite, pyrite.
272.40 - 278.60	DIORITE (J11): Green, medium-grained feldspar and biotite phenocrysts. Weakly chlorite altered.
278.60 - 299.10	SILICA-CHLORITE-MAGNETITE (JBa5): Patchy silica, chlorite, magnetite altered. Trace chalcopyrite, pyrite.
299.10 - 307.10	CHLORITE-EPIDOTE-PYRITE (JBa6): Fault zone. Brecciated, clay altered.
307.10 - 313.90	QUARTZ-FELDSPAR PORPHYRY (J12): Pervasive, weakly chlorite sericite altered.
313.90 - 327.60	CLAY (JBa4): Fault zone, with andesite dyke (316.70-323.20).
327.60 - 369.50	DIORITE (J11): Biotitic. Weakly chlorite altered.
369.50 - 407.20	SILICA-CHLORITE-PYRITE (JBa5): Light grey, silica altered. Pyrite, 3-7%.
407.20	E.O.H.

EC-243 targeted a magnetic geophysical anomaly south of the Cougar Zone, but failed to penetrate the overburden.

#### EC-243 Summary

0.0 - 83.5m	OVERBURDEN: Abandoned without reaching bedrock.
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EC-244 targeted the southern margin of the strong airborne magnetic anomaly south of holes EC236 and 242. The hole displayed significant alteration and pyrite mineralization. Although no significant mineralization was intersected, much of the hole was anomalous (100-500 ppm Cu; 10-100 ppm Mo) and potassic altered zones are present near the bottom of the drill hole (Figure 6f).

**EC-244 Summary**

0.0 – 58.10	CASING/OVERBURDEN
58.10 - 141.90	CLAY-PYRITE (JBa4): Light green-grey sericite-chlorite to pyrophyllite-sericite altered. Pyrite 3-7%.
141.90 - 143.30	DIORITE (JI1): Dark green, fine to medium-grained dickite and pyrophyllite altered.
143.30 - 173.00	CLAY-PYRITE (JBa4): Light green-grey, clay altered. 3-7% pyrite.
173.00 - 279.80	SERICITE-CHLORITE-CLAY (JBa6): Variably altered with chlorite, pyrophyllite and dickite. Trace chalcopyrite, 7-13% pyrite. Minor fluorite veining. Includes andesite dyke (222.50-230.55).
279.80 - 284.65	QUARTZ-FELDSPAR PORPHYRY (JI2): Silica-sericite alteration. White clay altered plagioclase phenocrysts in grey matrix.
284.65 - 315.20	SERICITE-CHLORITE-CLAY (JBa6): Brecciation more common. Pyrite 5%.
315.20 - 363.80	INTRUSIVE (JI): Chlorite-sericite altered + possible biotite(?) alteration. Fluorite veining.
363.80 - 373.60	INTRUSIVE (JI): Feldspar phytic. Weak to no alteration.
373.60 - 403.00	ANDESITE (JB1): Green-grey, variably chlorite-clay altered. Weakly laminated. Pyrite 3-6%.
403.00 - 411.90	QUARTZ-FELDSPAR PORPHYRY (JI2): Green with magnetite, silica epidote alteration. Pyrite 3-4%.
411.90 - 418.60	ANDESITE (JB1): Grey to brown, chlorite to biotite altered. Pyrite 3-4%.
418.60 - 420.60	QUARTZ-FELDSPAR PORPHYRY (JI2): Green, chlorite-magnetite-silica-epidote altered.
420.60	E.O.H.

The eastern end of the airborne magnetic anomaly was tested from the south side with hole EC-246. It did not encounter any significant mineralization although some significant alteration was mixed with numerous intrusions (Figure 6g).

**EC-246 Summary**

0.00 – 55.10	CASING/OVERBURDEN
55.10 - 140.10	QUARTZ-FELDSPAR PORPHYRY (JI2): Light green to grey, feldspar-phyric to 1 cm. Weak clay-chlorite-biotite altered. Includes 3 post-mineral, dark, fine-grained diorite dykes (77.7-78.7; 79.1-87.0; 88.6-91.2).
140.10 - 143.50	DIORITE (JI1): Dark green-grey, fine-grained.
143.50 - 146.00	CHLORITE-MAGNETITE-PYRITE (JBa5): Pyrite 5-7%.
146.00 - 149.10	SILICA-CHLORITE-SERICITE-EPIDOTE-PYRITE (JBa6): Fault zone. Grey-green, chlorite, epidote, silica altered.
149.10 - 212.80	QUARTZ-FELDSPAR PORPHYRY (JI2): Grey-green. Silica-chlorite altered. Pyrite 1-5% .
212.80 - 222.00	BIOTITE-CHLORITE (JB7): Green-brown, biotite-chlorite altered. Pyrite 1-5%.

222.00 - 246.50	BIOTITE-CHLORITE-SERICITE-MAGNETITE-CLAY (JBa): Grey to grey green. Chlorite, sericite and variably biotite altered. Pyrite 4-6%.
246.50 - 267.00	DIORITE (JI1): Dark green, weakly silicified.
267.00 - 269.60	ALTERED (JB7): Grey, strongly fractured/altered with pyrite to 7%.
269.60 - 272.30	DIORITE (JI1):
272.30 - 287.30	SILICA-CHLORITE-PYRITE (JB7): Grey to green-grey, silicified with spotty clay, weak biotite and chlorite alteration. Pyrite 7%.
287.30 - 309.90	PYRITE-BIOTITE-CLAY (JB7): Grey-brown, biotite-chlorite-clay altered. Pyrite 5%.
309.90 - 329.10	SILICA-CHLORITE-PYRITE (JB7): Green-grey to pink, porphyritic. Silica, biotite, hematite, chlorite altered. Pyrite 4-6%.
329.10 - 359.60	CHLORITE-BIOTITE-PYRITE (JB7): Grey-brown-green. Chlorite, biotite, hematite, clay altered. Pyrite 3%.
359.60 - 384.00	DIORITE (JI1): Dark green, fine grained.
384.00	E.O.H.

Hole EC-247, targeted the northern margin of the airborne magnetic anomaly. The hole failed to penetrate the overburden and was abandoned at 88.4 metres.

#### EC-247 Summary

0.0 - 88.40	OVERBURDEN
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### 9.3 Rhenium Analyses

**Table 5: 2007 Rhenium Analyses**

Sample Number	Hole	Au ppm	Ag ppm	Cu ppm	Mo ppm	Re ppm	Mo/Re Ratio
E793029	EC-233	0.08	<0.5	16	600	0.046	13043
E793036	EC-233	0.16	<0.5	9	1820	5.29	344
E793044	EC-233	0.18	<0.5	11	988	2.86	345
E793049	EC-233	2.24	1.6	2900	59	0.345	171
E793096	EC-233	0.33	<0.5	769	629	1.88	335
E793146	EC-233	0.12	<0.5	36	1390	5.5	253
E793295	EC-234	0.13	<0.5	37	804	0.141	5702
E793338	EC-234	0.49	<0.5	357	963	5.48	176
E793403	EC-234	0.04	<0.5	33	490	1.065	460
E793539	EC-240	0.03	>100	3880	1	0.012	83
E799358	EC-245	2.78	0.9	4230	3	0.004	750
E799389	EC-245	2.38	0.5	4280	16	0.022	727
E799398	EC-245	1.97	0.6	3870	7	0.022	318
E799402	EC-245	0.08	<0.5	57	448	3.69	121
E799405	EC-245	0.14	<0.5	35	1560	2.42	645
E799268	CU132 std	0.18	29.5	1730	457	0.173	2642
E793510	CU116 std	0.03	46.5	4790	230	0.036	6389
E793480	blank	<0.01	<0.5	<1	<1	<0.001	N/A
E793597	blank	<0.01	<0.5	<1	<1	<0.001	N/A

Nineteen samples were submitted for rhenium analyses in 2007. Of these, there were 2 blanks (both of which returned no detectable Re), 2 standards and 15 core samples from 2007 drill holes on the NW Expo zone. The core samples all contained elevated Cu and/or Mo values, but with a wide range of Cu:Mo ratios. The Mo/Re ratios for the NW Expo zone ranged from 83 to 13,043, with a median value of 344. This compares favourably with a reported (recoverable?) Mo/Re ratio of 1120 for the Island Copper deposit, which was one of the few mines to have reported a rhenium smelter credit (NRC, 2005, p. 44.1).

#### **9.4 Sampling of 2003 Drill Holes**

Twelve short holes, drilled in 2003 within the Pemberton Hills silica lithocap on the current Hushamu property for their industrial mineral potential, were sampled in 2007. Results are attached in Appendix E.

Assays from the 2003 holes were generally low. The maximum gold and copper values for the 82 samples were 0.02 ppm Au and 263 ppm Cu. However, a few elevated metal values were reported, with about half the samples in the range of 20-407 ppm As, and separate samples returning up to 240 ppm Mo and 8.8 ppm Ag. In particular, the three highest Mo (240, 154 and 27 ppm) and three highest Ag (8.8, 1.8 and 0.9 ppm) values all came from hole P193-03-02.

### **10.0 DISCUSSION AND CONCLUSIONS**

The 2007 exploration program was focused on two areas of the Hushamu property, the NW Expo area and the Cougar Zone. The NW Expo area was originally targeted for its strongly altered siliceous lithocap, strong magnetic feature and anomalous soil geochemistry. Drilling in 2005 intersected mineralization in three holes, including 95.0 metres grading 1.00 g/t Au and 0.17% Cu in hole EC-228. The 2007 drilling in the NW Expo area intersected the mineralized body in a further three holes. Holes EC-233 (109.8 metres @ 0.82 g/t Au and 0.12% Cu), EC-234 (146.3 metres @ 0.88 g/t Au and 0.11% Cu) and EC-245 (119.9 metres @ 1.25 g/t Au and 0.16% Cu) expanded the dimensions of the magnetite-chlorite-silica alteration zone and better defined its geometry. The magnetite-chlorite-silica body and its associated mineralization was determined to strike 290° and dip to the north-northeast at approximately 42°. As currently drilled, the NW Expo body measures approximately 260 metres along strike by >330 metres down-dip.

The NW Expo area has its eastern strike limit defined by faulting, as drilling on the projected strike extension of the mineralized zone to the east encountered very strong faulting, below a north-south lineament (both topographic and magnetic), as well as the loss of the strong magnetic signature (Figure 5a). The western limit of the drilling is near the western extent of the magnetic anomaly before it is terminated near a topographic lineament which may also represent a fault. The northern limit may also be truncated by a fault that cross-cuts holes EC-245, 233, 234 and 218 near their collars, appears to strike 060°, is near vertical and forms a prominent truncation of magnetic features in the area. This fault places relatively weakly altered Bonanza volcanics on the north against intensely clay and silica altered Bonanza rocks to the south in all four drill holes. Potential exists for future discovery of the faulted sections of the known mineralization to the west of the current limits of drilling.

The Cougar Zone represents a new discovery of “Hushamu-style” porphyry copper-gold-molybdenum mineralization. The Cougar Zone is a blind discovery and was targeted by its geophysical magnetic signature. To date, two of the drill holes, EC-236 (176.4 metres @ 0.09 g/t Au and 0.12% Cu) and EC-242 (61.0 metres @ 0.14 g/t Au and 0.16% Cu) returned low-grade copper-gold intersections from a small portion of the area while Hole EC-244 encountered strong alteration with weak mineralization. Access to drill areas is limited to a few abandoned logging roads and off-road access is poor owing to flat, swampy conditions over the prospective areas. The Cougar Zone represents a potential “Hushamu-style” porphyry target which has been only partially tested by a few drill holes.

Alteration styles of the NW Expo area have been previously noted by Baker (2005) as being consistent with a telescoped porphyry deposit. This style of alteration and mineralization is present

throughout the belt from Island Copper, Hushamu and Red Dog to the NW Expo area. The magnetite-chlorite-silica alteration at NW Expo, which hosts most of the copper-gold mineralization and is commonly flanked by molybdenum mineralization, is analogous to the copper-bearing chlorite-magnetite zone adjacent to the potassic zones at Island Copper. Alteration styles at the Cougar Zone are more similar to the alteration styles observed in the Hushamu deposit immediately above and within the mineralized zones. The magnetite-chlorite copper zones at Cougar are less intense than those observed in the NW Expo area and no siliceous lithocap was observed in the drilling. The Cougar Zone displayed weak potassic biotite alteration near the bottom of holes EC-242 and EC-244, which was not observed in other drill holes. The biotite may represent a more proximal alteration facies to a still unobserved mineralizing intrusive core.

From the current successful drilling program, it can be said that targeting of areas based on the magnetic signature, as was the case with the Cougar Zone, is a useful technique in exploration for blind deposits masked by the thick overburden in the area. Soil geochemistry is of little value in these areas as the thickness of the overburden make results meaningless. Drill testing of the Cougar Zone would be best accomplished with a skid mounted drill on roads constructed perpendicular to the trend of the magnetic signature. The heavier drill will be necessary for dealing with the overburden drilling issues which led to the abandonment of four Cougar holes in 2007.

Because of the telescoped nature of porphyry mineralization in the belt, areas that display prominent siliceous lithocaps form excellent targets for hidden porphyry deposits. Evidence for this comes from the historical drilling and discovery of the Hushamu deposit and the discovery of significant mineralization at NW Expo. All areas on the property which display siliceous lithocaps, including Pemberton Hills, should be assessed by a preliminary program of mapping in conjunction with prospecting, silt/soil sampling and geophysical interpretation. The NW Expo area shows that elevated molybdenum values can extend up through the silica lithocap above significant copper-gold mineralization. This makes the area around 2003 hole P193-03-02, which had low copper-gold values but elevated molybdenum in the Pemberton Hills lithocap, an obvious target. The area to the northwest and west of the NW Expo area should be examined to determine if the mineralized zone encountered in drilling continues or is offset beyond its western strike extent.

Recommendations for future exploration of the Hushamu property are:

- Determine if the NW Expo deposit strikes to the west of its currently known western limit.
- Test the Cougar Zone with IP/resistivity and ground magnetic geophysical surveys, possibly followed by a seismic survey to determine the overburden depth (Figure 5b). This should be followed by construction of road access for drill pads to enable skid drill access for future drilling.
- The Pemberton Hills area should be geologically mapped, prospected, and silt/soil sampled, to be followed by drilling.
- The entire belt should be examined for any other siliceous lithocaps or remnants of lithocaps, as target areas, and they should be explored in the same fashion as the Pemberton Hills area.





Respectfully submitted,

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Jim Lehtinen, P. Geo.

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Henry J. Awmack, P. Eng.

EQUITY ENGINEERING LTD.

Vancouver, British Columbia

August 20, 2007

**Appendix A: References**

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**Appendix B: Claim Data**

# HUSHAMU

## CLAIM STATUS REPORT

Location: B.C., Canada

Claim Status Report:

Note: \* before Tenure Number denotes claim held by Johann Shearer; others held by Moraga Resources Ltd.

Tenure Number	CLAIM Name	Expiry Date (year/month/day)	Area ha	Tag Number
*525702	HUSHAMU NORTHEAST	2008-01-17	306.03	
*526123	CALEDONIA EXTENTION ONE	2008-01-24	265.41	
*527011	CALEDONIA WEST ONE	2008-02-02	142.94	
*513736	QUATSE EAST 1	2008-11-15	183.85	
*513737	QUATSE LAKE SOUTH	2008-11-15	183.82	
*513759	HANKIN EAST	2008-11-15	163.53	
*516079	QUATSE LAKE TOO	2008-11-15	142.98	
*516080	QUATSE THREE	2008-11-15	20.42	
509465	mo 1	2009-02-03	492.27	
509466	mo 2	2009-02-03	492.52	
509467	mo 3	2009-02-03	492.26	
509468	mo 4	2009-02-03	492.52	
509469	mo 5	2009-02-03	492.26	
509470	mo 6	2009-02-03	492.51	
509471	mo 7	2009-02-03	492.26	
509472	mo 8	2009-02-03	492.52	
509474	mo 9	2009-02-03	492.26	
509475	mo 10	2009-02-03	492.52	
509476	mo 11	2009-02-03	492.26	
509479	mo 12	2009-02-03	492.52	
509480	mo 13	2009-02-03	492.25	
509481	mo 14	2009-02-03	492.52	
509482	mo 15	2009-02-03	492.24	
509483	mo 16	2009-02-03	492.51	
509485	mo 17	2009-02-03	492.23	
509486	mo 18	2009-02-03	492.51	
509487	mo 19	2009-02-03	492.37	
512085	FILL 1	2009-02-03	509.85	
512087	FILL 2	2009-02-03	510.08	
512088	FILL 3	2009-02-03	142.87	
512089	FILL 4	2009-02-03	510.14	
512091	FILL 5	2009-02-03	510.14	
512092	FILL 6	2009-02-03	510.26	
512093	FILL 7	2009-02-03	510.39	
512094	FILL 8	2009-02-03	510.42	
512095	FILL 9	2009-02-03	163.31	
512096	FILL 10	2009-02-03	510.96	

512102	FILL 11	2009-02-03	224.8	
512103	FILL 12	2009-02-03	123.05	
512104	FILL 13	2009-02-03	429.2	
512105	FILL 14	2009-02-03	326.91	
512107	FILL 15	2009-02-03	61.29	
512108	FILL 15	2009-02-03	510.43	
512109	FILL 16	2009-02-03	510.4	
512110	FILL 17	2009-02-03	510.14	
512111	FILL 18	2009-02-03	510.03	
512113	FILL 18	2009-02-03	510.22	
512114	FILL 19	2009-02-03	510.06	
512115	FILL 20	2009-02-03	367.21	
512116	FILL 21	2009-02-03	224.31	
512117	FILL 22	2009-02-03	122.32	
512118	FILL 23	2009-02-03	163.59	
512120	FILL 24	2009-02-03	244.93	
512122	FILL 25	2009-02-03	244.87	
513183	CONNECT01	2009-02-03	225.53	
518531		2009-02-03	511.76	
*371777	APPLE BAY THREE	2009-02-03	176.42	236661
*374744	APPLE BAY FOUR	2009-02-03	362.88	239293
*377240	APPLE BAY TWO	2009-02-03	395.96	239247
*394718	APPLE BAY NINETEEN	2009-02-03	486.78	244245
*398335	APPLE BAY TWENTY	2009-02-03	449.64	244246
*402033	APPLE BAY TWENTY-THR	2009-02-03	345.3	244303
*402037	APPLE BAY TWENTY SEV	2009-02-03	189.67	243185
*402513	NORTHWEST 900	2009-02-03	247.2	240673
*405216	NORTHWEST 901	2009-02-03	24.93	721424M
*501677		2009-02-03	47.66	
*506021	Wanakana Central	2009-02-03	347.07	
*513758	RED DOG NORTH	2009-02-03	428.08	
*513760	HEP 2.2	2009-02-03	20.39	
*513909		2009-02-03	413.3	
*513910		2009-02-03	313.5	
*513911		2009-02-03	61.16	
*513912		2009-02-03	40.78	
*513913		2009-02-03	20.39	
*513914		2009-02-03	16.3	
*513926		2009-02-03	285.49	
*513927		2009-02-03	407.84	
*513929		2009-02-03	428.84	
*513930		2009-02-03	387.94	
*513931		2009-02-03	679.82	
*515275		2009-02-03	469.23	
*515276		2009-02-03	653.23	
*515277		2009-02-03	244.98	
*515278		2009-02-03	653.6	



*515279		2009-02-03	183.82	
*515280		2009-02-03	469.78	
*515281		2009-02-03	612.76	
*515282		2009-02-03	673.79	
*515283		2009-02-03	551.49	
*515284		2009-02-03	899.44	
*515285		2009-02-03	102.06	
*515313		2009-02-03	163.27	
*515593		2009-02-03	653.83	
*515594		2009-02-03	163.45	
*515595		2009-02-03	612.91	
*515596		2009-02-03	449.48	
*516074		2009-02-03	551.68	
*516075		2009-02-03	102.02	
*516076		2009-02-03	245	
*516077		2009-02-03	388.27	
*516078		2009-02-03	285.98	
*516081		2009-02-03	489.44	
*516527		2009-02-03	163.36	
*516529	APPLE BAY 9PLUS	2009-02-03	20.42	
*516930	NORTH RG	2009-02-03	203.81	
*517055	NEW 402513	2009-02-03	62.45	
*517076		2009-02-03	9.27	
*517123	RD NORTHEAST	2009-02-03	142.95	
*517213	HOLBERG	2009-02-03	143.02	
*517236	NUMMMIS	2009-02-03	40.87	
*517541	APPLE BAY TEN	2009-02-03	20.44	
229789	EXPO 1013 FR.	2011-08-05	0.8	7677
229790	EXPO 1014 FR.	2011-08-05	1.21	7678
229791	EXPO 1015 FR.	2011-08-05	14.78	7683
231651	HEP #36	2011-08-05	18.77	769578
231667	HEP #54	2011-08-05	19.07	769596
231668	HEP #55	2011-08-05	14.4	769597
231669	HEP #56	2011-08-05	19.07	769598
231671	HEP #58	2011-08-05	18.91	769600
231672	HEP #59	2011-08-05	18.77	769601
231933	EXPO 190	2011-08-05	15.71	858190
231934	EXPO 191	2011-08-05	14.43	858191
231961	EXPO 218	2011-08-05	12.29	858318
231963	EXPO 220	2011-08-05	19.27	858320
231965	EXPO 222	2011-08-05	15.59	858322
231966	EXPO 223	2011-08-05	15.86	858323
231968	EXPO 225	2011-08-05	18.96	858325
231980	EXPO 227	2011-08-05	18.47	858327
231982	EXPO 229	2011-08-05	18.71	858329
231984	EXPO 231	2011-08-05	18.17	858331
231990	EXPO 237	2011-08-05	16.43	858337

231991	EXPO 238	2011-08-05	13.91	858338
231995	EXPO 242	2011-08-05	16.51	858342
231997	EXPO 244	2011-08-05	11.63	858344
232000	EXPO 247	2011-08-05	17.62	858347
232001	EXPO 248	2011-08-05	18.55	858348
232002	EXPO 249	2011-08-05	18.57	858349
232004	EXPO 251	2011-08-05	16.14	858351
232005	EXPO 252	2011-08-05	14.09	858352
232006	EXPO 253	2011-08-05	18.78	858353
232007	EXPO 254	2011-08-05	16.42	858354
232008	EXPO 255	2011-08-05	18.75	858355
232011	EXPO 258	2011-08-05	15.51	858358
232015	EXPO 262	2011-08-05	15.92	858362
232017	EXPO 264	2011-08-05	14.8	858364
232019	EXPO 266	2011-08-05	18.89	858366
232020	EXPO 267	2011-08-05	17.68	858367
232021	EXPO 268	2011-08-05	18.19	858368
232022	EXPO 269	2011-08-05	18.63	858369
232024	EXPO 271	2011-08-05	18.22	858371
232025	EXPO 272	2011-08-05	18.43	858372
232026	EXPO 273	2011-08-05	18.8	858373
232027	EXPO 274	2011-08-05	18.98	858374
232028	EXPO 275	2011-08-05	18.3	858375
232030	EXPO 278	2011-08-05	18.7	858378
232037	EXPO 285	2011-08-05	18.8	858385
232041	EXPO 289	2011-08-05	19.03	858389
232044	EXPO 292	2011-08-05	18.46	858392
232045	EXPO 293	2011-08-05	19.32	858393
232046	EXPO 294	2011-08-05	19.04	858394
232105	EXPO 312	2011-08-05	19.4	858412
232107	EXPO 314	2011-08-05	18.91	858414
232220	EXPO 326	2011-08-05	16.34	858426
232228	EXPO 504 FR	2011-08-05	9	858604
232275	EXPO 1008 FR	2011-08-05	9.04	919717
232276	EXPO 1011 FR	2011-08-05	6.31	919720
232277	EXPO 1012 FR	2011-08-05	6.65	919721
232306	DON 9 FR.	2011-08-05	6.36	41070M
232307	DON 10 FR.	2011-08-05	7.18	41071M
232308	DON 11 FR.	2011-08-05	7.25	41072M
232309	DON 12 FR.	2011-08-05	5.84	41073M
232310	DON 13 FR.	2011-08-05	4.06	41074M
512952		2016-08-05	81.68	
512963		2016-08-05	81.68	
512964		2016-08-05	81.68	
512966		2016-08-05	61.26	
512967		2016-08-05	61.26	
512968		2016-08-05	61.25	

512972		2016-08-05	81.66	
512980		2016-08-05	81.64	
512983		2016-08-05	81.66	
512984		2016-08-05	40.82	
512986		2016-08-05	40.81	
512988		2016-08-05	40.82	
512989		2016-08-05	20.41	
512990		2016-08-05	40.82	
512993		2016-08-05	40.82	
512994		2016-08-05	81.67	
512996		2016-08-05	81.67	
512999		2016-08-05	40.83	
513006		2016-08-05	20.42	
513013		2016-08-05	40.82	
513026		2016-08-05	20.41	
513053		2016-08-05	61.22	
513057		2016-08-05	40.81	
513060		2016-08-05	40.82	
513062		2016-08-05	40.82	
513065		2016-08-05	61.24	
513066		2016-08-05	20.41	
513067		2016-08-05	81.67	
513068		2016-08-05	81.67	
513071		2016-08-05	81.66	
513072		2016-08-05	81.64	
513075		2016-08-05	61.23	
513076		2016-08-05	40.81	
513077		2016-08-05	20.41	
513078		2016-08-05	81.64	
513080		2016-08-05	20.41	
513082		2016-08-05	40.81	
513086		2016-08-05	20.41	
513087		2016-08-05	40.81	
513089		2016-08-05	40.81	
513090		2016-08-05	40.81	
513091		2016-08-05	61.21	
513092		2016-08-05	40.8	
513093		2016-08-05	81.61	
513094		2016-08-05	81.59	
513104		2016-08-05	20.4	
513107		2016-08-05	40.8	
513108		2016-08-05	40.82	
513109		2016-08-05	183.64	
513172		2016-08-05	40.84	

**Appendix C: Statement of Expenditures**

**Statement of Expenditures  
Hushamu Property  
February 15 – April 20, 2007**

**PROFESSIONAL FEES AND WAGES:**

Henry Awmack, P.Eng.	10.51 days @ \$650/day	\$ 6,831.50	
Darcy Baker, Ph.D.	28.26 days @ \$650/day	18,369.00	
Robin Black, Geologist	10.13 days @ \$525/day	5,318.25	
Paola Chadwick, Geologist	29.00 days @ \$525/day	15,225.00	
Andrea Clement, Cook	65.00 days @ \$450/day	29,250.00	
Jordan Hals, Sampler	48.00 days @ \$250/day	12,000.00	
Stewart Harris, P.Geo.	13.62 days @ \$650/day	8,853.00	
Lani Johnston, First Aid	16.00 days @ \$400/day	6,400.00	
Jim Lehtinen, Project Geologist	59.00 days @ \$650/day	38,350.00	
Jeremy Major, Geologist	56.00 days @ \$525/day	29,400.00	
Stuart Millar, Sampler	19.75 days @ \$250/day	4,937.50	
Neil Perk, Geologist	6.00 days @ \$525/day	3,150.00	
Neil Rushton, First Aid	44.50 days @ \$400/day	17,800.00	
Joe Sullivan, Sampler	8.00 days @ \$250/day	2,000.00	
Scott Parker, GIS/Logistics	43.00 hours @ \$75/hour	3,225.00	
Neil Visser, Logistics	66.50 hours @ \$75/hour	4,987.50	
Clerical	39.50 hours @ \$35/hour	1,382.50	\$ 207,479.25

**EQUIPMENT RENTALS**

Generator (5kVA)	14 days @ \$30/day	\$ 420.00	
Generator (1kVA)	3 days @ \$20/day	60.00	
Rental Truck Insurance	91 days @ \$10/day	910.00	
Field Computers	182 days @ \$40/day	7,280.00	
First Aid Equipment (Level III)	63 days @ \$30/day	1,890.00	
PDA	103 days @ \$20/day	2,060.00	12,620.00

**EXPENSES:**

Chemical Analyses	\$ 44,954.19
Field Equipment Repairs	227.38
Field Consumables	1,268.00
Materials and Supplies	34,140.09
Plot Charges	328.33
Printing and Reproductions	36.99
Camp Food	20,974.13
Meals	2,858.20
Accommodation	20,189.82
Taxis and Airporters	130.38
Parking	2.83
ATV Rental	4,466.67
Truck Rental (non-Equity)	21,884.65
Automotive Fuel	3,538.43
Automotive Expenses	3,176.59
Helicopter Charters	91,082.22
Ferries	434.72
Airfare	5,792.99
Telephone Distance Charges	762.35
Fax Charges	3.21
Courier	298.00
Freight	15,455.77
Bulk Fuel	22,455.98
Geophysical Equipment Rental	770.00
Geophysical Consulting	700.00
Padbuilding	720.00
Road Maintenance	660.10
Satellite Phone Rental (non-Equity)	1,174.22
Radio Rental (non-Equity)	1,332.17
Downhole Survey Tool Rental	4,375.00
Core Saw Rental (non-Equity)	2,805.00
Cat	10,112.50
Drilling: Mob/Demob	87,471.34
Drilling: Footage	551,442.47
Drilling: Materials	174,560.91
Drilling: Standby/Moves/Travel	140,675.00

Petrography	2,060.00	
Rent: Core-logging Area	120.00	
Postage	8.17	
Remaining Report Costs (estimated)	<u>2,000.00</u>	<u>1,275,448.80</u>

**SUB-TOTAL:** \$1,495,548.05

**PROJECT SUPERVISION CHARGES:**

12% on portion <\$200,000: (\$200,000.00)	\$ 24,000.00	
10% on portion <\$1,000,000: (\$800,000.00)	80,000.00	
8% on balance: (\$495,548.05)	<u>39,643.84</u>	<u>143,643.84</u>

**SUB-TOTAL:** \$1,639,191.89

**GST:** 6% on sub-total 98,351.51

**TOTAL:** \$ 1,737,543.40

**Appendix D: Diamond Drill Logs**





## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 428.0
<b>Hole</b> EC-233	<b>Azimuth (°):</b> 230
<b>Location:</b> 5619467 m North 569537 m East	<b>Dip (°):</b> -55.0
<b>Logged by:</b> J. Lehtinen	<b>Length (m):</b> 688.90
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/02/17	<b>Date Completed:</b> 2007/02/28
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test NW Expo Zone.	

### Summary Log:

0.0 - 3.0 CASING  
 3.0 - 84.0 ANDESITE (JB1, JB2): green, medium-grained. Weak chlorite and sericite alteration. Strongly fractured/faulted. Zeolite stringers. Heterolithic fragments. Faulted basal contact.  
 28.7 -34.4 CLAY-SILICA (JBa4): altered andesite fragmental?  
 84.0 - 95.3 QUARTZ FELDSPAR PORPHYRY (JI2): Strong feldspar, weak quartz phenocrysts, faulted lower contact.  
 95.3- 103.0 SILICA-PYROPHYLLITE-CLAY-PYRITE (JBa3): clay altered silicified, 4-7% pyrite  
 103.0 -148.2 SILICEOUS FRAGMENTAL (JBa7): Rounded/angular silica fragments. Silica and clay cement. Trace molybdenite. Pyrite up to 7%. Cut by a single QFPO clay altered dyke  
 148.2 -221.3 SILICEOUS BRECCIA (JBa1): breccia to crackle breccia molybdenite and ferrimolybdenite  
 221.3 -259.5 CLAY-KAOLINITE-DICKITE+/-SILICA (JBa4, JBa2): strong clay-kaolinite -dickite-silica horizons. Pyrite trace-2%. Trace molybdenite.  
 259.5-304.5PYROPHYLLITE-DICKITE-KAOLINITE-SILICA-PYRITE (JBa4, JBa3): variable clay alteration, dickite-pyrophyllite-kaolinite and silica. Pyrite 1-2% typically with silica. Trace molybdenite.  
 304.5- 390.5 CHLORITE-MAGNETITE+/-SERICITE+/-CLAY (JBa5, JBa6): Trace chalcopyrite, 1-3% pyrite. Magnetite/chlorite/silica clotty texture.  
 390.5 -457.3 SILICA-CLAY\_PYRITE (JBa3): silica, chlorite, clay. Pyrite 3-10%. Cut by a single andesite dyke. Trace molybdenite  
 457.3 - 513.4 SILICA-SERICITE-PYRITE (JBa8): Pyrite 3-5%, trace molybdenite. Cut by two andesite dykes(485.5-486.9m and 508.7-513.7m) feldspar porphyry dyke(488.8-495.8m) Fault (486.9-488.8m)  
 513.4 - 656.1 SILICA-SERICITE-PYRITE (JBa8): Pyrite 3-5%. Trace molybdenite. Andesite dyke(605.1-607.8). Pre-mineral dyke(654.1-656.1m) Feldspar porphyry dyke(612.2-619.3)  
 656.1- 685.0 SERICITE-CHLORITE-CLAY (JBa8): Weakly fragmental. Strong sericite, moderate to strong silica, and



## DRILL LOG

Project: Hushamu

Hole ID: EC-233

### *Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-55.00	230.00
12.00	-54.60	225.50
62.00	-55.40	226.50
112.00	56.00	229.50
161.00	-56.60	231.30
213.00	-56.50	230.90
265.00	-57.10	232.30
319.00	-57.50	232.60
371.00	-57.80	234.70
420.00	-58.00	235.60

Project: Hushamu05												Hole Number: EC-233					
From	To	Rocktype & Description	bl	blgys	cl	chs	py	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
0.00	3.00	CASN															
Casing																	
3.00	13.23	JB1 Andesite. Med. green. Medium grained. Feldspar and amphibole(chloritized) phyrlic. Moderately magnetic with primary magnetite as poorly formed crystals and weakly disseminated grains. Strongly fractured with zeolite stringers, cream and pink coloured, various angles TCA, strongly fractured core« chlorite 2»« sericite 2»« pyrite 1». Weak chlorite and sericite altered.															
13.23	13.80	FLTG Fault gouge , clay and fragments. « 13.23- 13.80 pyrite 3%»« @ 13.23 fault 25° 15cm >															
13.80	15.30	JB1 Andesite. Strongly broken and zeolite stringered with orange laumontite and creamy chabazite? « 13.80- 15.30 chlorite 2»« sericite 2»« zeolite vein 10° 3cm»« fracture fill and disseminated pyrite 1%»															
15.30	16.62	FLTG Fault gouge.« gouge zone fault »« pyrite 3%»															
16.62	21.84	JB2 Andesite fragmental with heterolithic fragments up to 3 cm. Very strongly broken with numerous white zeolite stringers at varying anglesTCA. Numerous faulted broken zones															
21.84	27.83	JB1 Andesite. Medium grey-green, medium-grained. Weakly feldspar phyrlic. Weakly hornblende(chlorite) phyrlic. Uniform texture. Rare feldspar phenos to 5mm.« chlorite 2»« sericite 2» Trace pyrite.															
27.83	28.70	FLTG Fault gouge. Weakly pyritic.« clay fault »« disseminated pyrite 1%»															
28.70	34.40	JBa4 Strongly altered andesite fragmental? Relict fragments. Light grey. Top of interval near fault is a very sharp alteration contact with white clay with medium-grained grey pyritic altered rock. White clay section may be a preferentially altered fragment. Contact 60 TCA. « 28.76- 29.38 clay, dickite?, pyrophyllite? 4» « 29.38- 34.40 clay, dickite?, pyrophyllite? 4»															
											27.83	28.70	0.87	E793001	0.060	130.0	5.00
											28.70	30.28	1.58	E793002	0.030	66.0	3.00
											30.28	32.00	1.72	E793003	0.010	43.0	2.00
											32.00	33.43	1.43	E793004	0.010	48.0	2.00
											33.43	34.40	0.97	E793005	0.020	44.0	1.00
											33.43	34.40	0.97	E793006	0.010	57.0	1.00





Project: Hushamu05								Hole Number: EC-233									
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		insitu fractured fragments and jigsaw fit fragment pieces. Matrix is dominantly silica, with lesser clay as fracture fill. Fragments are slightly variable in composition suggesting varied provenance of the frags. All fragments are silicified. Trace pyrite dominantly as fracture fill in discontinuous fractures. Some patches of variably altered and texturally different material which may represent blocks or fragments which have not been milled or hydrothermally brecciated.									121.92	124.97	3.05	E793018	0.110	8.0	37.00
		« 103.00- 109.90 numerous stringers and patches zeolite 2»									124.97	128.02	3.05	E793019	0.110	27.0	74.00
		« 103.00- 132.30 fragments and matrix silica 4»									128.02	131.06	3.04	E793020	0.090	16.0	72.00
		« 126.60- 127.20 kaolinite clay »« fracture foliation 55°»									131.06	131.06	0.00	E793021			
		« 127.20- 132.30 BRXX » All Fragments are either very angular or jig-saw fit. very angular fragments.									131.06	132.30	1.24	E793022	0.090	36.0	94.00
		PIMA 111.4m: alunite, dickite, silica															
		PIMA 130.1m: alunite, weak topaz (or possible pyrophyllite)															
132.30	133.80	JBa7									132.30	133.80	1.50	E793023			
		Medium grey. Appears to be sulphide altered interval similar to the unit above.															
		« silica 4»« weak dickite? kaolinite? clay 1»« disseminated and fracture fill pyrite 5%»fracture fill moly with pyrite, trace disseminated moly.															
133.80	134.12	QFPO									133.80	134.12	0.32	E793024	0.020	35.0	64.00
		White clay altered feldspar with pale grey quartz phenos and groundmass. Trace pyrite.« dickite? clay 2»< @ 133.80 top contact 55° >< @ 134.12 bottom contact 75° >															
134.12	138.70	JBa7									134.12	137.16	3.04	E793025	0.120	56.0	120.00
		Similar to unit above QFPO. Sulphide altered breccia. Minor intervals with crude pyrite banding.< @ 138.00 veining pyrite 20° 5mm >									137.16	138.70	1.54	E793026	0.090	35.0	80.00
		« 137.70- 138.30 crude veining and fracture fill pyrite 15%»															
		« 134.12- 137.70 disseminated and fracture fill pyrite 7%»															
		« 138.30- 138.70 disseminated and weak fracture fill pyrite 3%»															
		« 134.12- 138.70 silica 4»« kaolinite? clay »															

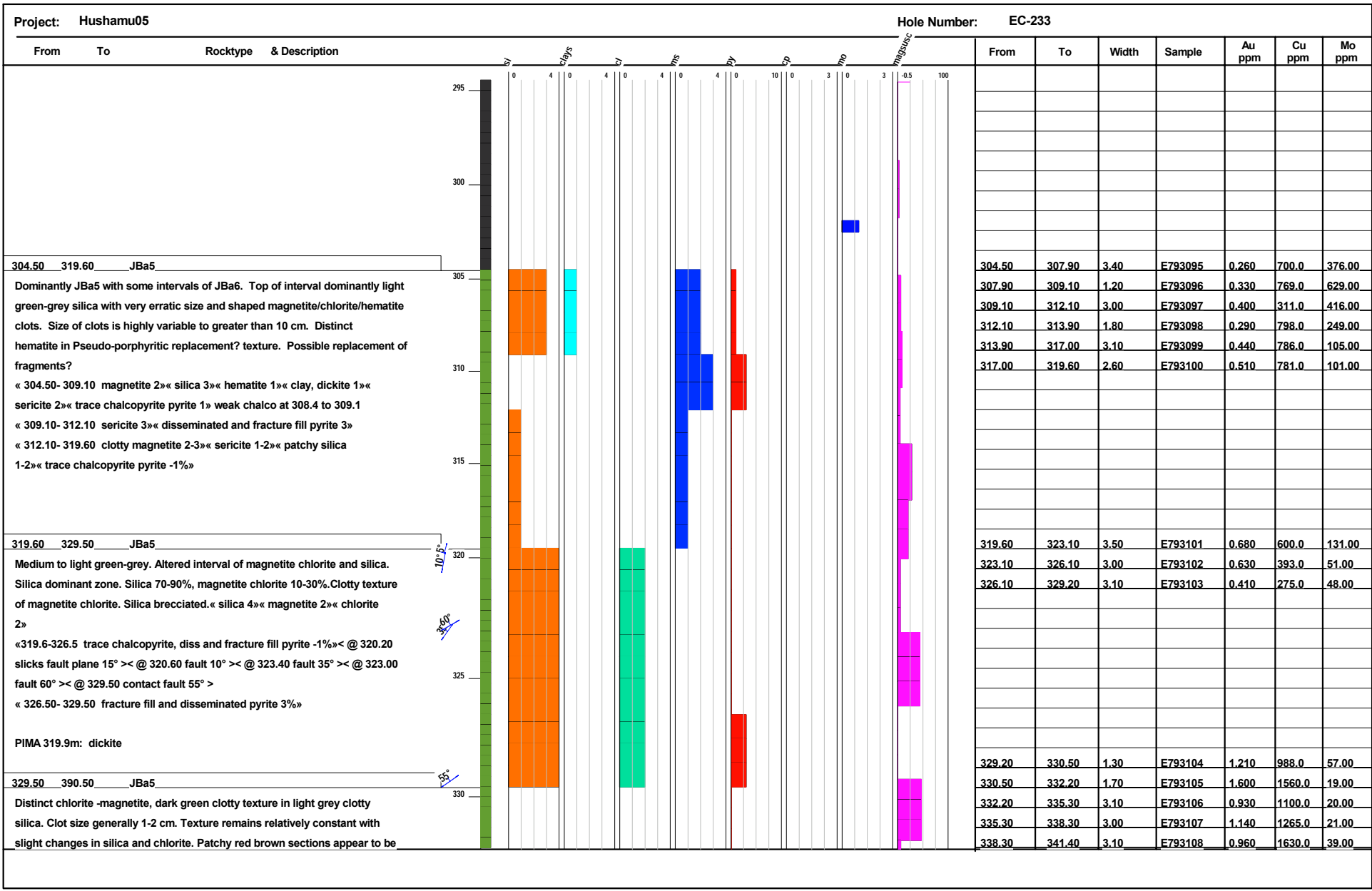






Project: Hushamu05												Hole Number: EC-233					
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgssc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
221.30	238.30	JBa2 Silicified unit very strongly sporadically replaced with white clay as spotty alteration, fracture and void infill. Clay = kaolinite? Host rock is medium-grained grey, silicified with strongly contrasting white alteration giving a distinct appearance. Minor zones of more translucent clay, possibly dickite? Minor brown material likely limonite along fractures and mixed with clay. Trace pyrite as fracture fill. « chalky white kaolinite? minor dickite zones clay 3» « 230.40- 233.50 competent, translucent pale green dickite? clay 3»									221.30	222.50	1.20	E793062	0.090	70.0	76.00
											222.50	225.60	3.10	E793063	0.090	49.0	154.00
											225.60	228.60	3.00	E793064	0.040	23.0	64.00
											228.60	231.70	3.10	E793065	0.100	45.0	137.00
											231.70	234.70	3.00	E793066	0.130	67.0	130.00
											234.70	238.30	3.60	E793067	0.080	25.0	63.00
											234.70	238.30	3.60	E793068	0.080	21.0	71.00
238.30	247.50	JBa2 Medium green-grey with remnant silicified grey protolith set in a light green-grey clay and/or sericite matrix. Texturally very erratic with fluid-like swirl appearance. Minor interval of intense patchy white clay (kaolinite?). Trace pyrite as fracture fill. « 245.60- 246.60 large, patchy white kaolinite? clay 4»									238.30	240.80	2.50	E793069	0.110	73.0	36.00
											240.80	243.80	3.00	E793070	0.110	64.0	56.00
											243.80	247.50	3.70	E793071	0.080	24.0	38.00
		PIMA 245.6 m: pyrophyllite, dickite and/or kaolinite, topaz, silica															
247.50	256.20	JBa2 Dominantly white clay (kaolinite?) with remnant grey silicified host rock. Similar, but more intense clay altered version of lithology intersected at 221.3-238.30m. Trace trace pyrite.« chalky white (kaolinite) clay 4»  PIMA 247.8m: topaz, dickite, silica									247.50	249.90	2.40	E793072	0.030	6.0	61.00
											249.90	253.00	3.10	E793073	0.040	6.0	55.00
											253.00	256.20	3.20	E793074	0.040	14.0	45.00
256.20	259.50	JBa2 Medium grey, crackle brecciated, silica altered. Intense clay as large patches and what appears to be vuggy infill and/or replacement. Some flow texture to clay. Most clays are grey green, and pale blue-white, irregular shaped, translucent to opaque.« dickite, weak pyrophyllite clay 3»« disseminated in clay trace moly, pyrite 2%»									256.20	259.10	2.90	E793075	0.120	72.0	57.00

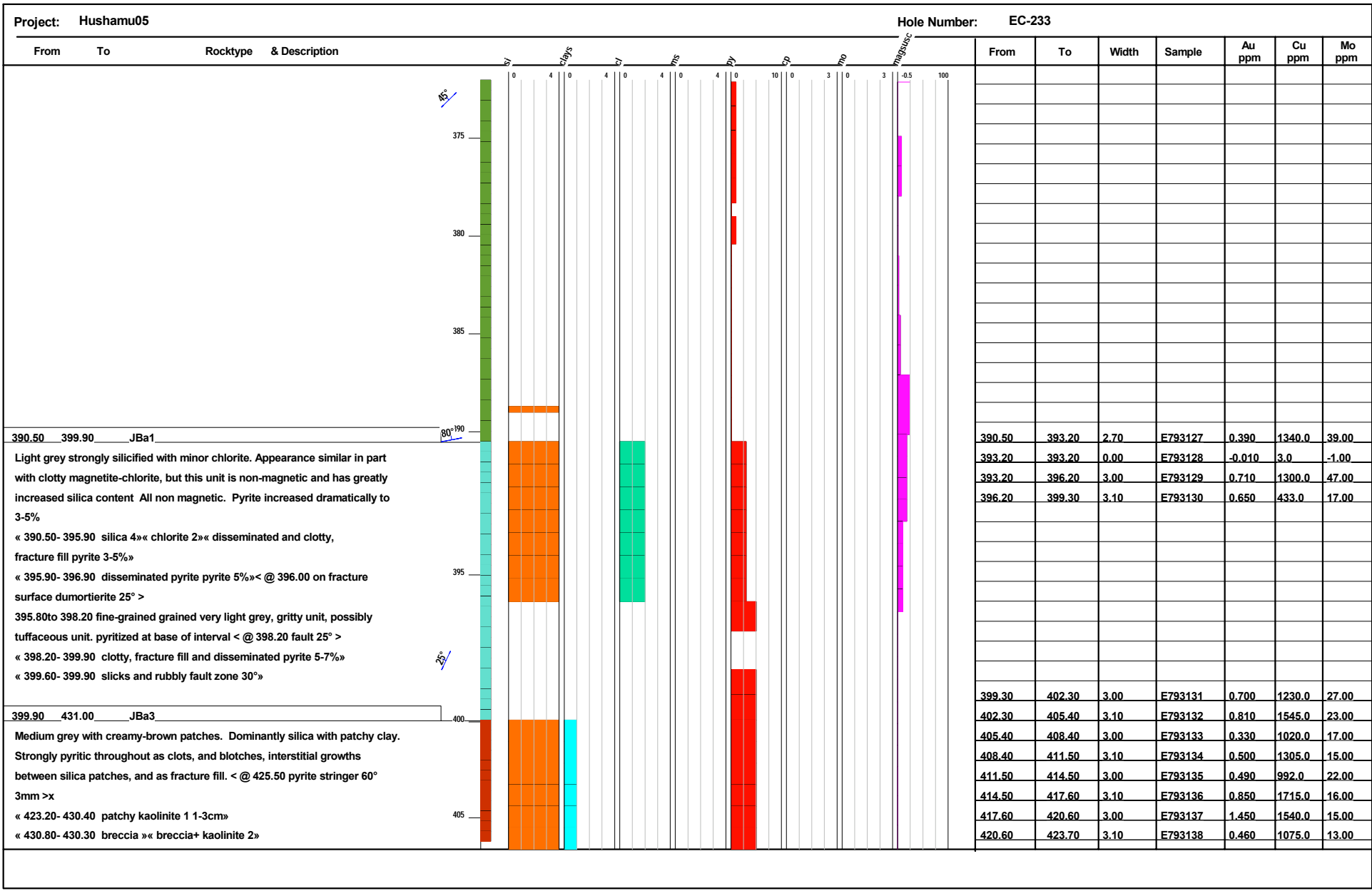
Project: Hushamu05												Hole Number: EC-233					
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
PIMA 259.1m: topaz, dicite, diaspore, silica																	
259.50	261.80	JBa2															
		Similar to interval 247.50-256.20, white patchy, chalky kaolinite and light grey silicified rock.															
		« patchy, chalky white kaolinite 4» < @ 261.00 quartz vein 40° 1cm >															
261.80	263.40	JBa2															
		Contrast light grey silicified rock with dark grey clay and disseminated pyrite. Patchy alteration. Trace moly.« dickite, pyrophyllite clay 3» < trace moly, fracture fill and disseminated pyrite 2%»															
263.40	269.70	JBa2															
		White, chalky kaolinite rich clay alteration as per units above. Moderate to strongly brecciated« white chalky kaolinite clay 4»															
269.70	304.50	JBa4															
		Whole interval is comprised of wormy clay altered material intergrown with light grey silicified crackle brecciated irregular shaped fragments (very strongly brecciated).															
		Clay is commonly translucent and pale green-grey to white, likely dickite(sericite??). Very minor kaolinite on fractures. Numerous fault slips on clay altered rock. Minor gypsum veining at 270m. Pyritic throughout, increasing in clay dominant intervals, trace moly throughout< @ 278.50 numerous slick planes at various angles TCA fault >															
		« 278.00- 281.00 at various angles TCA fault zone » « 269.70- 287.30 dominantly clay altered, dickite, with silica breccia clay 3»															
		« 269.70- 287.30 trace moly, very fg; fracture ill and disseminated pyrite 1-2%»															
		« 287.30- 290.30 dominantly brecciated silica 4»															
		« 287.30- 290.30 trace moly, fracture fill and disseminated pyrite 1%»															
		« 291.60- 292.00 sericite? or pale green clay sericite -3»															
		« 292.00- 304.50 patchy, weak hematite 1» < @ 293.10 trace in fracture, trace moly chalcocopyrite >															
		« 301.90- 302.50 numerous fg pyrite moly stringers moly 1»															
		277.5 Sample for petrography															
PIMA 277.1m: kaolinite, diaspore, silica, dickite																	
PIMA 277.5 m: kaolinite, topaz, dickite, silica, ?diaspore																	
PIMA 290.6 m: kaolinite, diaspore, weak dickite																	



Project: Hushamu05

Hole Number: EC-233

From	To	Rocktype & Description	By	Chgs	By	ms	py	Ep	mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		silica and possibly biotite? or hematite?									341.40	344.40	3.00	E793109	0.540	1140.0	34.00
		« 329.50- 390.50 tr, trace Chalcopyrite trace pyrite -1%»									344.40	347.50	3.10	E793110	1.460	1595.0	17.00
		« 333.90- 340.40 as cm size patches biotite? 1»									347.50	350.50	3.00	E793111	0.830	1150.0	15.00
		magnetite content. Moderate to strongly magnetic. « 340.20- 341.90 fault breccia and gouge, hematite fault zone 30-60°»« crude silica foliation.... veining 35-40° 1-2cm»									350.50	353.60	3.10	E793112	1.010	1535.0	13.00
		« 349.30- 358.00 crude silica veining at various angles TCA veining 20-60°»									353.60	356.60	3.00	E793113	1.160	2150.0	28.00
		« 362.50- 365.80 strongly broken core with numerous slick planes and minor gouge fault zone »< @ 365.80 fault >< @ 368.90 quartz with pyrite and trace moly vein 50° 2cm >									356.60	359.70	3.10	E793114	2.660	1745.0	22.00
											359.70	362.70	3.00	E793115	1.490	1700.0	19.00
											362.70	366.50	3.80	E793116	1.150	1515.0	13.00
											366.50	368.80	2.30	E793117	0.640	1490.0	15.00
											368.80	371.90	3.10	E793118	0.910	2170.0	22.00
											368.80	371.90	3.10	E793119	0.960	2060.0	21.00
											371.90	374.90	3.00	E793120	0.940	1745.0	29.00
											374.90	378.00	3.10	E793121	0.960	1090.0	14.00
											378.00	381.00	3.00	E793122	0.360	668.0	15.00
											381.00	384.10	3.10	E793123	0.210	501.0	27.00
											384.10	387.10	3.00	E793124	0.230	421.0	8.00
											387.10	389.00	1.90	E793125	0.200	174.0	6.00
											389.00	390.50	1.50	E793126	0.280	581.0	14.00



Project: Hushamu05												Hole Number: EC-233						
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
« 399.90- 431.00 silica 4»	« pyrophyllite 1-2»	« disseminated, patchy, fracture fill + replacement? pyrite 5-10%»	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100		
423.70	426.70										423.70	426.70	3.00	E793139	0.290	237.0	21.00	
426.70	429.80										426.70	429.80	3.10	E793140	0.240	89.0	28.00	
429.80	429.80										429.80	429.80	0.00	E793141				
429.80	431.00	PIMA 404.1m: dickite, weak sericite									429.80	431.00	1.20	E793142	0.190	159.0	55.00	
431.00	431.50	ANDS									431.00	432.60	1.60	E793143	0.060	46.0	25.00	
		Dark green andesite dyke. fine-grained grained. Chill margins at both contacts. < @ 431.00 contact 70° > < @ 431.50 contact 80° > minor pyrite at contact only.																
431.50	434.60	JBa3									432.60	434.60	2.00	E793144	0.110	47.0	73.00	
		Same as interval above dyke, but strongly broken																
		« 431.90- 432.40 sericite as fracture fill » < @ 432.40 deformed and squeezed andesite dyke 45° 10cm > weak gradational change into unit below. « silica 4» « pyrophyllite 1» « pyrite 5-7%»																
434.60	453.80	JBa3									434.60	435.90	1.30	E793145	0.080	38.0	128.00	
		JBa3/JBa4 Colour change to lighter grey to blue grey. Colour due to white kaolinite and translucent blue-grey dickite. Dominantly silica with patchy clay alteration. Minor moly noted, although blue-grey colour may indicate vfg moly?? « silica 4» « surrounding dickite and in fractures kaolinite 1» « silica									435.90	438.90	3.00	E793146	0.120	36.0	1390.00	
											438.90	442.00	3.10	E793147	0.150	54.0	370.00	
											442.00	445.00	3.00	E793148	0.190	57.0	332.00	
											445.00	448.10	3.10	E793149	0.160	50.0	376.00	
											448.10	451.10	3.00	E793150	0.250	84.0	418.00	

Project: Hushamu05								Hole Number: EC-233											
From	To	Rocktype & Description	St	gys	Cl	ms	py	Ep	mp	mp/dsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
440		4» « patchy and interstitial to silica frags dickite 3»	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100			
		« 434.60- 453.80 pyrophyllite 1-2» « 437.30- 437.40 trace visible molybdenite1»																	
		« 438.40- 438.65 fracture controlled molybdenite -1%»																	
		« 434.60- 453.80 trace molybdenite » « disseminated and patchy pyrite 2-4%» Weak red-brown tint = biotite? Purple -grey-brown clay = ?? very finely disseminated and <2mm patches. Molybdenite occurs as very finely disseminated, occasionally with pyrite blebs and as rare clusters, or aggregates with fine-grained molybdenite.																	
		« 451.70- 453.80 weak fractures and faults »																	
		< @ 453.80 fault 70° >																	
		PIMA 436.2m: pyrophyllite, dickite and/or kaolinite, diaspore																	
453.80	457.30	ANDS																	
		Dyke. Dark green, strongly fractured. Strongly gypsum stringered.« chlorite 3»																	
		« 453.80- 454.30 gouge and breccia fault »																	
		« 457.20- 457.30 mineral foliation at intrusive contact foliation 60°»																	
457.30	470.40	JBa8																	
		Relatively homogeneous texture. Medium grey throughout dominantly silica-sericite pyrite. More silica than unit below. Grainy appearance due to alteration or possibly primary feature = tuff? Some fragmental textures.																	
		« 468.60- 468.80 grainy and laminated bedding? 60°» < @ 462.10 pyrite vein 55° 1cm > < @ 462.60 pyrite + gypsum + non carbonate white H 4 vein 60 2cm > < @ 464.30 pyrite + white non carbonate H4 vein 45° 2cm > Gypsum stringers at various angles TCA.« silica 2-3» « sericite 2» « as disseminations and as stringers pyrite 3-5%» « blue grey hue to core possibly fg moly?? molybdenite?? -1»																	
		Basal contact gradational, picked at the increase in gypsum veining and decrease in overall silica.																	
		PIMA 463.9m: dickite, alunite, silica, diaspore, pyrophyllite and/or kaolinite																	
470.40	485.50	JBa8																	
		Similar to unit above. Overall silica content appears to be less, and an increase in gypsum veining mark the difference. Minor original textural features of laminations of fine-grained to coarse-grained tuff? Some fragmental textures. Zones of weak chloritized material proximal to strongly																	
475																			

Project: Hushamu05												Hole Number: EC-233						
From	To	Rocktype & Description	bl	blgys	bl	plb	py	ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		broken and deformed core. Gypsum stockwork throughout interval, also common vein orientation at 35-60 and at 80-90.« disseminated and as weak stringer veins up to 1cm pyrite 3-5%« sericite 2-3« silica1-2» « 480.50- 482.30 chlorite 1» « 482.30- 485.50 chlorite 2»  PIMA 477.1m: sericite, kaolinite and/or pyrophyllite, gypsum, dickite										484.00	485.50	1.50	E793162	-0.010	138.0	4.00
485.50	486.90	ANDS Andesite dyke.< @ 485.50 contact 45° >																
486.90	488.80	FLTZ  Strongly broken zone with highly variable alteration intervals ranging from strongly chloritic to sericitic. Fault breccia and gouge, and cm scale dyklet« disseminated and weak stringers pyrite 3-5%« sericite 3« chlorite 2» « 488.00- 488.10 fault gouge and gypsum vein 40°»										485.50	488.80	3.30	E793163	0.020	96.0	4.00
488.80	495.80	FSPO Feldspar porphyry dyke. Medium to light green. Relatively fresh unit. Feldspars to 3mm, chloritized mafics, sericite altered, weak epidote alteration. Weak gypsum veining. Weak pyrite « weak disseminated and minor fracture fill pyrite -1%« chlorite 1« sericite 1« epidote 1»< @ 488.80 gouge fault 3cm > « 491.90- 492.00 minor fault slips fault 30-45°» « 495.50- 495.90 fault at contact fault 10°»										488.80	490.70	1.90	E793164	0.010	86.0	3.00
495.80	508.70	JBa8 Strong sericite silica pyrite alteration similar to 470.40 to 485.50 interval. medium-grained to light grey. Highly variable in silica sericite and pyrite. Strong gypsum stockwork throughout.« sericite 3« silica 1« disseminated patchy and fracture fill pyrite 3-5%« pyritic margins parallel to silica 502.0-502.1»< @ 508.70 contact and gouge fault 80° 3cm >										490.70	493.80	3.10	E793165	0.010	84.0	4.00
508.70	513.40	ANDS Dark to medium-grained green. Medium to fine-grained graned. Chilled contact										493.80	495.80	2.00	E793166	0.010	109.0	3.00
												495.80	496.80	1.00	E793168	0.020	16.0	2.00
												496.80	499.90	3.10	E793169	0.020	36.0	2.00
												499.90	502.90	3.00	E793170	0.040	39.0	162.00
												502.90	506.00	3.10	E793171	0.010	25.0	58.00
												506.00	508.70	2.70	E793172	-0.010	27.0	-1.00
												508.70	512.10	3.40	E793173	-0.010	49.0	2.00
												512.10	513.40	1.30	E793174	-0.010	46.0	1.00



Project: Hushamu05												Hole Number: EC-233					
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		margins.weak calcite fracture stringering commonly 45 TCA.« chlorite 2»« calcite stringers 45° 1-2mm»< @ 513.40 crude contact 85° >															
513.40	605.10	JB2															
		Variably coloured from medium-grained to light brown-grey(hematite-sericite), to light grey(sericite-silica), to green grey (sericite-chlorite). Fragmental nature easily visible in hematitic intervals. Numerous gypsum stringers at various anglesTCA. Also minor fluorite? veins. Weak carbonate in some veins.															
		« 513.40- 540.80 disseminated pyrite 1-3»															
		« 513.40- 526.50 sericite 2»« variable hematite 1-2»															
		« 513.40- 526.50 disseminated pyrite 1-3%»															
		« 526.50- 527.80 chlorite 1»« hematite 2»															
		« 526.50- 527.80 pyrite 1%»															
		< @ 517.10 gypsum vein 60° 4cm >< @ 518.60 gypsum vein 65° 5cm >															
		« 527.80- 529.10 light grey sericite 2»« pyrite 3%»															
		« 527.80- 529.10 pyrite 3%»															
		« 529.10- 530.80 chlorite 1-2»															
		« 530.80- 540.80 hematite 2»« sericite 1»< @ 532.30 gypsum vein 65° 4cm >															
		>															
		« 530.80- 540.80 pyrite 1-5%»															
		« 538.00- 538.70 numerous mm gypsum veins veining 50-55°»															
		« 540.80- 542.40 gypsum stringer matrix and breccia breccia »< @ 540.80 gypsum start of breccia vein 50° 1cm >« pyrite 3»															
		« 542.40- 544.70 hematite 1-2»« sericite 1-2»															
		« 542.40- 544.70 pyrite 1-2%»															
		« 544.70- 546.50 chlorite 1»« silica 1»															
		« 544.70- 546.50 pyrite -1%»															
		« 546.50- 557.40 silicified and fine-grained silica stringers silica 2»« epidote -1»« variable hematite -2»« pyrite -1%»															
		« 557.40- 605.10 zone width, 1to 2 metres throughout interval sericite -3»« zones 1 to 3 meters throuout interval chlorite -2»« variable patchy disseminated and fracture fill pyrite 1-5»« gypsum individual or with white material possibly zeolite H 4 veins 1-10mm»< @ 568.60 gouge fault 45° 3cm >< @ 577.10 fluorite? vein 3cm >< @ 586.60 aggregate of pyrite pyrite 15% 5cm >															
		« 589.50- 605.10 stockwork and fractured core, zeolite?+carbonate, fluorite? vein »															
		PIMA SAMPLE:517.3m hematite, sericite strong pyrite															
		Results:															
		PIMA SAMPLE:541.7m dickite, (silica)watery look															



From	To	Rocktype & Description	bl	blgys	bl	plms	py	Ep	mp	mpgys	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
590																	
605.10	607.80	ANDS Medium green, chloritic, strongly stringered with calcite stringers as well as gypsum and possibly zeolite (H 3-4, amorphous) Carbonate as veins and microfractures. Zeolite generally 1-7mm, gypsum <5mm. Sharp contact with altered units above and below, but erratic orientations. Veins at variable angles TCA.« chlorite 2» No sulphides.									605.10	607.80	2.70	E793209	-0.010	71.0	-1.00
607.80	612.20	JB2 similar to unit 513.4 - 605.1m« sericite 1»« disseminated pyrite 1%»									607.80	609.60	1.80	E793210	0.010	40.0	3.00
612.20	619.30	FSPO Medium green, medium-grained intrusion. Feldspar and mafic (pyroxene?)phyric. Feldspars to 3mm, pyroxene to 4mm.« chlorite 2-3»« sericite 2»« pyrite -1» Numerous calcite stringers 30 - 60 TCA. No gypsum stringers.< @ 619.30 bottom contact 70° >									612.20	615.70	3.50	E793212	-0.010	48.0	-1.00
619.30	654.10	JB2 Fragmental unit. Dominantly lapilli sized fragments with minor bedded tuffaceous bands. Light to medium-grained grey, variable due to changing sericite alteration as well as pyrite content.« sericite 2-3»« variable clay? dickite 1»« light purple brown fine-grained clay pyrophyllite? -1» « disseminated and patchy pyrite 3-7%» gypsum stringering throughout.< @ 626.90 bedding? 35° >< @ 630.00 tuffaceous bedding 45° > « disseminated, patchy and fracture fill pyrite 5-7%»									619.30	621.80	2.50	E793214	0.010	42.0	1.00
											621.80	624.80	3.00	E793215	0.010	69.0	1.00
											624.80	627.90	3.10	E793216	0.020	80.0	-1.00
											627.90	627.90	0.00	E793217			
											627.90	630.90	3.00	E793218	-0.010	35.0	-1.00
											630.90	634.00	3.10	E793219	-0.010	47.0	1.00
											634.00	637.00	3.00	E793220	-0.010	50.0	-1.00
											637.00	640.10	3.10	E793221	0.010	47.0	1.00
											640.10	643.10	3.00	E793222	0.010	39.0	-1.00





# Drill Log Legend

- ANDS
- BRXX
- CASN
- DIOR
- FLTG
- FLTG
- FLTZ
- FLTZ
- FSPO
- JB1

- JB1
- JB2
- JBa1
- JBa2
- JBa3
- JBa4
- JBa5
- JBa7
- JBa8
- JBa8

- Jl2
- QFPO
- bedding
- fault
- fault beccia
- fault breccia
- fault gouge
- vein
- veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 428.0
<b>Hole</b> EC-234	<b>Azimuth (°):</b> 180
<b>Location:</b> 5619468 m North 569543 m East	<b>Dip (°):</b> -55.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 627.90
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/02/28	<b>Date Completed:</b> 2007/03/11
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test NW Expo Zone.	

### Summary Log:

0.0 - 6.0 CASING  
6.0 - 23.2 ANDESITE (JB1): Fine- to medium-grained moderately chloritized and magnetic. Cut by abundant pink zeolite veins. Trace pyrite.  
23.2 - 53.1 SILICEOUS CLAY MATRIX BRECCIA (JBa1): Clay altered, patchy silica. Pyrite trace-5 %. Trace arsenopyrite.  
53.1 - 103.7 SILICA-KAOLINITE-PYROPHYLLITE-DICKITE-ALLUNITE-CLAY (JBa2): Patchy silica alteration. Pyrite 1-3%. Feldspar phyrlic dyke(79.1-81.50m).  
103.7- 194.3 SILICA KAOLINITE BRECCIA (JBa1) Silica alteration. Very strong, breccia to crackle breccia, heavily oxidized. Pyrite 3%. Trace molybdenite.  
194.3 - 309.8 KAOLINITE-DICKITE-SILICA-PYRITE (JBa3): Silica/clay Pyrite 4-7%. Trace molybdenite, chalcocopyrite.  
309.8 - 404.1 SILICA-CHLORITE-MAGNETITE (JBa5) Black/dark grey, strong magnetite-chlorite. Weak clay altered locally. Pyrite trace-1%. Chalcocopyrite 0.5% Bornite 0.5% in chlorite-magnetite clots. Andesite dykes(404.1-404.8, 407.3-411.4m).  
404.1 - 474.7 SERICITE-CHLORITE-CLAY-SILICA (JBa6): Texturally similar to JBa5 with amoeboid silica and clotty clay alteration. Quartz and gypsum veins. Trace molybdenite. Pyrite 2-4%. Andesite dyke(407.3-411.4m).  
474.7- 522.6 SERICITE-CLAY-PYRITE-SILICA (JBa4): Clays and silica form spotted texture. Gypsum, zeolite veins. Pyrite 4-7% pyrite. Trace molybdenite.  
522.6 - 627.9 SILICA-CLAYS-PYRITE (JBa3): Strong silica alteration. Pyrite 4-7% Trace molybdenite. Andesite dyke(607.6-620.5m).  
627.9 E.O.H.



## DRILL LOG

Project: Hushamu

Hole ID: EC-234

### *Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-55.00	180.00
18.00	55.10	174.00
79.00	55.30	180.10
133.00	55.40	180.30
180.00	55.30	181.90
240.00	56.30	182.40
295.00	56.90	182.90
356.00	57.30	188.90
405.00	57.40	180.40
460.00	57.50	186.70
512.00	57.70	184.50



Project: Hushamu05		Hole Number: EC-234																
From	To	Rocktype & Description	Si	Clays	Chl	Ms	Py	Ep	Mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
0.00	6.00	CASN																
6.00	23.20	JB1 Andesite. Dark grey-green andesite, fine-grained to medium-grained with feldspar and amphibole (chloritized) phenocrysts. Moderately magnetic due to primary magnetite. Creamy pink zeolite veins 1-2 mm thick. Core is highly fractured. Minor fine-grained disseminated pyrite.  « Chlorite 2.00% » « Zeolite 1.50% » « Pyrite 0.50% » « Sericite 1.00% »																
23.20	25.00	JBa3 Dull grey, fairly soft. Fault contact with relatively unaltered andesite. Increasingly silica altered downward as darker grey patches possibly replacing primary fragments. Strong disseminated and fracture controlled pyrite  « 23.20- 23.90 clay altered and broken Fault Gouge » « clay altered, dickite? Clay 3.00% » « Pyrite 5.00% » « Silicification 1.50 »										23.20	25.00	1.80	E793240	0.010	33.0	1.00
												23.20	25.00	1.80	E793241	0.010	34.0	1.00
25.00	53.10	JBa1 Appearance varies dramatically across 1-3 moderate intervals but a strong pervasive silica alteration is consistent throughout.  Distinct beige-pink sections appear to show primary fragmental volcanic texture consisting of ash and heterolithic lapilli generally less than 1cm in size. Primary texture is increasingly obscured due to silica alteration downhole. Elsewhere beige-pink angular to jigsaw-fit fragments surrounded by a creamy										25.00	27.90	2.90	E793242	0.030	11.0	4.00
												27.90	30.80	2.90	E793243	0.040	22.0	4.00
												30.80	31.70	0.90	E793244	0.020	5.0	4.00
												31.70	33.50	1.80	E793245	0.050	45.0	8.00
												33.50	36.60	3.10	E793246	0.020	20.0	4.00
												36.60	39.60	3.00	E793247	0.050	8.0	2.00
												39.60	42.70	3.10	E793248	0.150	2.0	2.00
												42.70	45.70	3.00	E793249	0.160	2.0	1.00

Project: Hushamu05								Hole Number: EC-234									
From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mp/silic	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		white matrix and are suggestive of a hydrothermal breccia. Both the fragments and matrix are very hard. Pyrite is noticeably lacking throughout, with trace amounts of fine-grained disseminations only. Strong iron oxides occur along fractures and locally, a 2-5 mm wide zone of hematite follows the irregular alteration front separating the beige-pink core from the greyish core described below (photo).															
		Grey altered sections (~ 30% of this unit) are patchy in colour, with minor clay altered feldspars but are consistently very hard overall. Significant fine-grained pyrite as disseminations and fracture coatings. Primary fragmental texture is also visible over short intervals, similar to the beige-pink rock described above except that there is a higher lapilli/matrix ratio visible here and the lapilli are rounded, suggesting milling from hydrothermal activity.															
		From the relationships observed I think the beige-pink core is a result of later stage alteration that has stripped the sulphides.															
		« pervasive silicification Silicification 4.00»															
		« Hematite 1.50»															
		« f.g. disseminations at 28m Arsenopyrite 0.10%»															
		« 25.00- 36.70 abundant f.g. disseminations Pyrite 5.00%»															
		« 37.80- 49.10 silicious hydrothermal breccia Breccia »															
53.10	79.10	JBa2															
		Gradational upper contact over many metres with the increasing presence of various clays.															
		Silicious light pink and rusty weathering to grey (pyritic) rock forming very irregular alteration patterns. Clays are mostly chalky white (kaolinite?) but are also smokey grey, pale brown and light pink and form mm scale anhedral masses and veinlets, to rare larger patches where silicious fragments are surrounded by a clay matrix.															
		PIMA sample taken at 60.8 m. Kaolinite + pyrophyllite?															
		« 53.10- 65.80 variable clay alteration Clay 3.00»															
		« 53.10- 65.80 pervasive silica Silicification 3.00»															
		« 53.10- 65.80 variable distribution Pyrite 1.00%»															
45.70	48.80													E793250	0.120	1.0	1.00
48.80	51.80													E793251	0.120	18.0	4.00
51.80	53.10													E793252	0.210	8.0	3.00
53.10	54.10													E793253	0.100	77.0	15.00
54.10	57.40													E793254	0.110	3.0	4.00
57.40	58.60													E793255	0.080	30.0	126.00
58.60	61.00													E793256	0.110	46.0	11.00
61.00	64.00													E793257	0.070	20.0	14.00
64.00	67.10													E793258	0.080	37.0	21.00
67.10	70.10													E793259	0.020	7.0	12.00
70.10	73.20													E793260	0.040	46.0	11.00
73.20	76.20													E793261	0.030	22.0	9.00
76.20	79.10													E793262	0.110	138.0	25.00

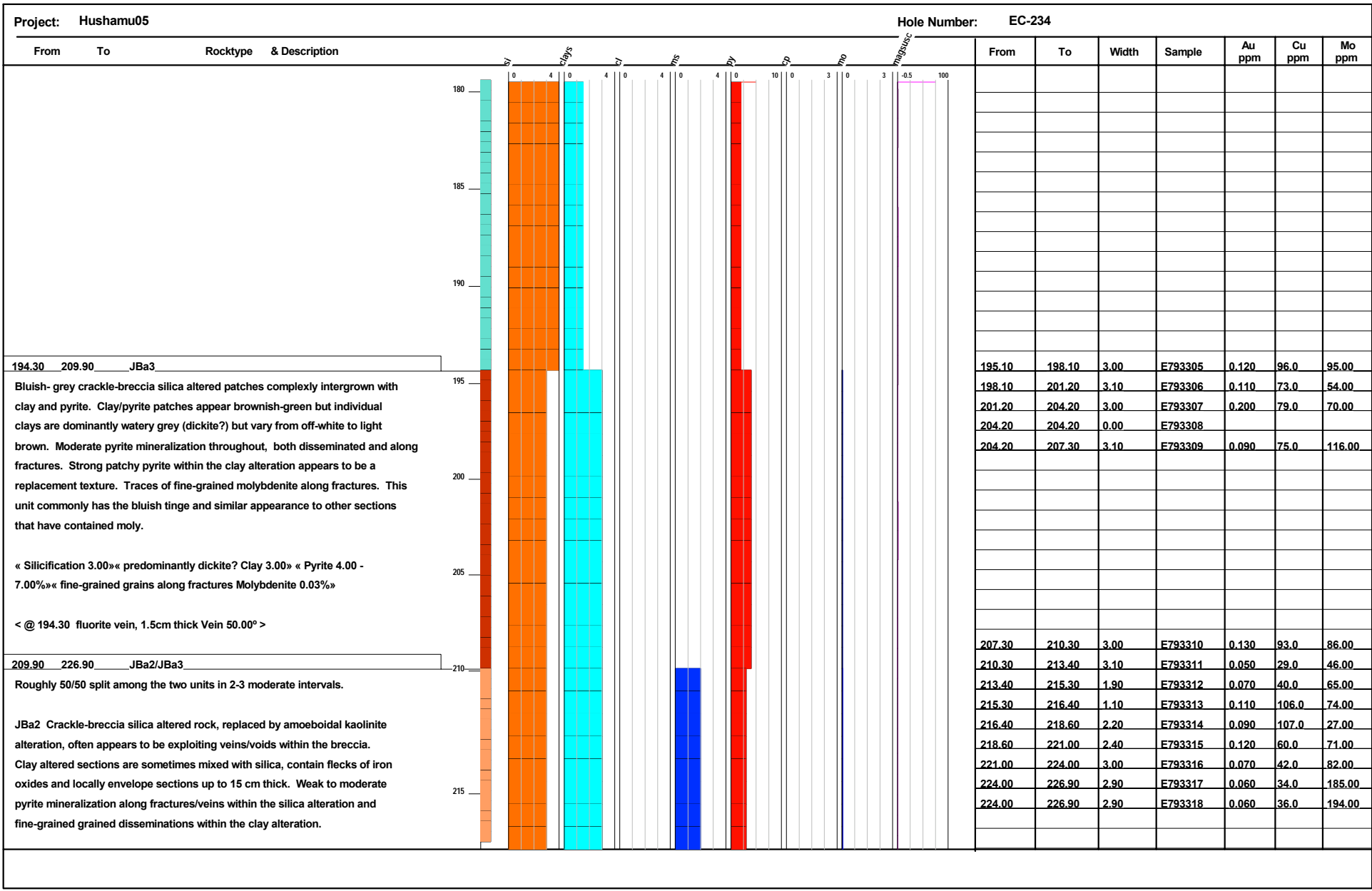
Project: Hushamu05												Hole Number: EC-234							
From	To	Rocktype & Description	Si	Clays	Cl	ms	py	Sp	mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
65.8	70.5	<p>Vuggy zone of intense silica alteration and iron oxides relatively devoid of clays and pyrite.</p> <p>« 65.80- 70.50 Silicification 4.00»« Hematite 3.00»</p> <p>Intense silicification continues but clay minerals are present again beneath the oxidized zone. Faulted contact with underlying dyke.</p> <p>« 70.50- 79.10 Silicification 4.00»« variable clay alteration Clay 3.00»« localized fracture fill Pyrite 2.00</p> <p>« 78.70- 79.10 faulted contact Fault Gouge »</p>	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100			
79.10	81.50	<p>FSPO</p> <p>Feldspar porphyry</p> <p>Medium grey to green, medium-grained grained. Dominantly feldspar phenocrysts 1-2 mm in size, pale green in colour. Chloritized mafic phenos. Numerous gouge zone 2-15 cm thick separated by relatively competent core 5-15 cm thick.</p> <p>« Chlorite 2.00»« Sericite 2.00»</p> <p>« Fault Gouge 60.00-80.00»</p>									79.10	81.50	2.40	E793263	0.020	117.0	2.00		
81.50	103.70	<p>JBa2/JBa3</p> <p>Intercalated units, 1-2 moderate sections:</p> <p>JBa2 - approximately 40% of the interval. Medium to dark grey silicious rock with amoeboidal white to pinkish white clays. Clay patches vary from a few mm's in size to larger interconnected sections where the silica becomes more of a matrix to the clay. Kaolinite appears to be the dominant clay with lesser pyrophyllite (?). Trace to 1% disseminated pyrite, commonly observed partially replacing clay.</p> <p>JBa3 - approximately 60% of the interval. Brown-grey pyrite-clay patches mixed with dark grey to purplish silica altered sections. Similar amoeboidal pattern to to the unit above. 5% pyrite.</p> <p>Late stage partial pyrite replacement is likely the reason for the difference in appearance and mineralization between these two units.</p> <p>PIMA sample at 95.2 moderate - kaolinite and pyrophyllite?</p>								81.50	84.00	2.50	E793264	0.030	62.0	16.00			
											84.00	85.30	1.30	E793265	0.030	93.0	10.00		
											85.30	88.40	3.10	E793266	0.030	46.0	8.00		
											88.40	91.40	3.00	E793267	0.020	75.0	10.00		
											88.44	91.40	2.96	E793268	0.020	70.0	9.00		
											91.40	94.50	3.10	E793269	0.050	33.0	5.00		
											94.50	97.50	3.00	E793270	0.050	30.0	4.00		
											97.50	100.60	3.10	E793271	0.030	25.0	5.00		
											100.60	103.60	3.00	E793272	0.030	45.0	5.00		



Project: Hushamu05

Hole Number: EC-234

From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgbsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
140	140	Larger irregularly shaped clay patches up to 5 cm thick. Kaolinite appears to be the dominant clay through most of the section with exception.	10	4	0	4	0	4	0	4	0	10	0	3	0	3	0.5	100
140	164.60										161.50	164.60	3.10	E793294	0.070	35.0	276.00	
	164.60										164.60	167.60	3.00	E793295	0.130	37.0	804.00	
	167.60										167.60	170.70	3.10	E793296	0.080	33.0	69.00	
	170.70	3. Brecciated: wide ranging 'degrees' of brecciation. Silicious fragments - very fine-grained ranging from angular to to rounded. Locally, gradation in sizes is evident suggesting grain size reduction in more intense zones. Matrix is a mix of silica, clay (zeolites?) and oxides.									170.70	173.70	3.00	E793297	0.080	24.0	165.00	
	173.70										173.70	176.80	3.10	E793298	0.090	36.0	49.00	
	176.80	Strong silica alteration and hydrothermal fracturing throughout this unit - stockwork?									176.80	179.80	3.00	E793299	0.080	49.0	26.00	
	179.80	PIMA sample taken at 137.3 moderate - dickite, pyrophyllite?									179.80	182.90	3.10	E793300	0.070	67.0	24.00	
	182.90	Sulphide mineralization is generally low across the unit as a whole, with small zones of increased pyrite associated with fractures or the matrix of brecciated segments. Traces of molybdenite were observed over only a few metres, however, silicious rocks with a bluish tinge are found throughout this unit.									182.90	185.90	3.00	E793301	0.090	114.0	44.00	
	185.90										185.90	189.00	3.10	E793302	0.240	39.0	46.00	
	189.00										189.00	192.00	3.00	E793303	0.090	53.0	41.00	
	192.00	« 128.90- 194.30 pervasive silicification Silicification 4.00» « Vuggy infilling Clay 1.50»									192.00	195.10	3.10	E793304	0.340	114.0	149.00	
	195.10	« 131.64- 132.10 clay altered and oxidized Fault Gouge »																
		« 128.90- 142.80 strongly fracture controlled Pyrite 3.00%»																
		« 133.40- 136.60 oxidized section Limonite 2.00»« Jarosite 2.00»« Hematite 1.00»																
		« 155.80- 156.70 exploiting hydrotherm. altered rock? Fault Breccia 30.00°»																
		< @ 158.90 fracture foliation Fracture 50.00° >																
		« 142.80- 176.80 minor fracture coatings Pyrite 0.50%»																
		« 170.70- 172.50 trace amounts on fractures Molybdenite 0.03%»																
		« 176.80- 194.30 fracture coating, replacement of matrix Pyrite 2.00%»																





Project: Hushamu05

Hole Number: EC-234

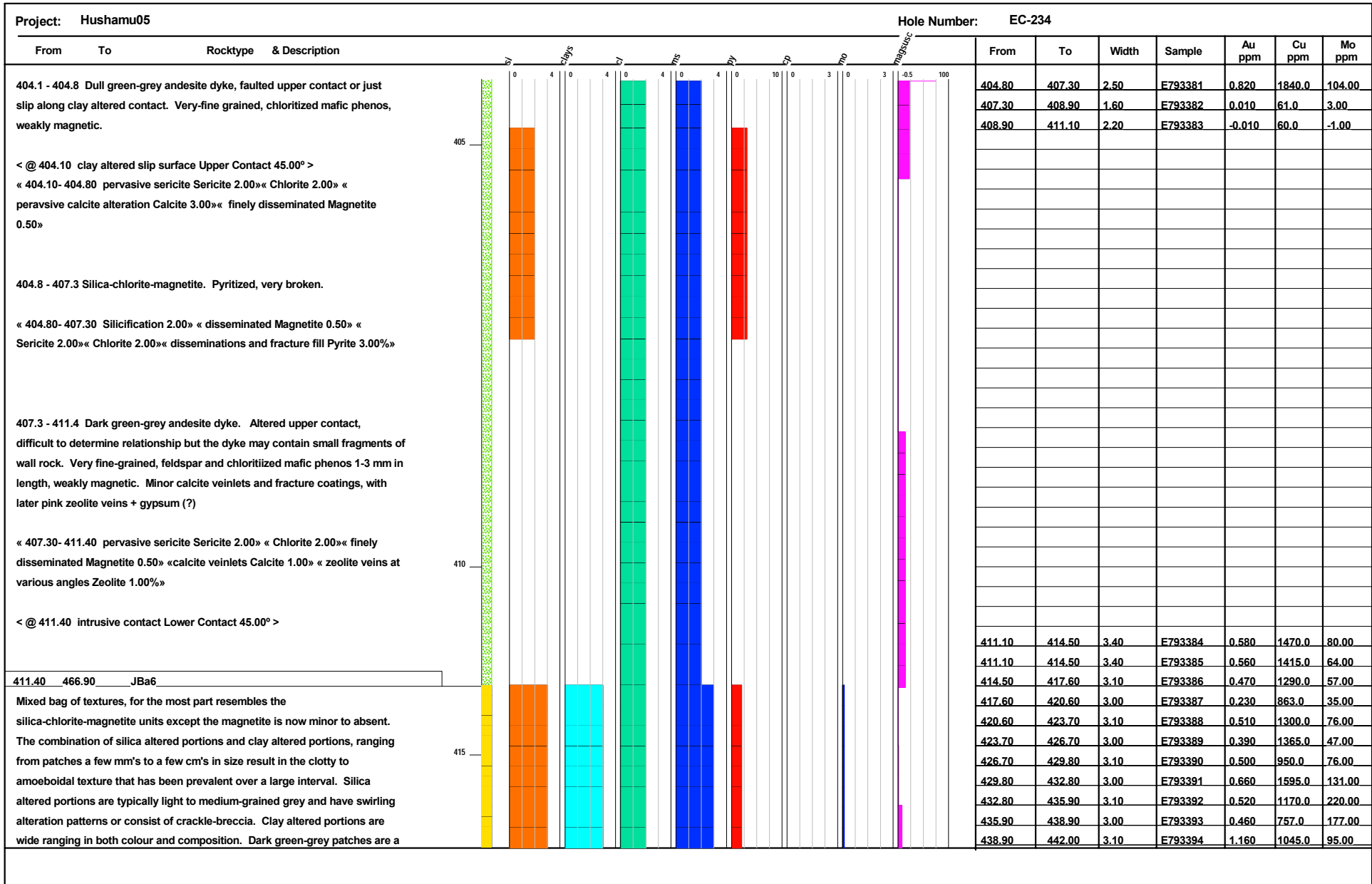
From	To	Rocktype & Description	Cl	Clays	Ch	Ms	Py	Ep	Mp	mpbasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
268.20	271.30	<p>Sulphide mineralization is closely associated with clay alteration. Weak to moderate pyrite occurs as disseminations and patches within the clay and as fracture fill where void space has been created within the crackle-breccia. Weak to strong molybdenite is found throughout most of the interval along fractures but is locally observed partially infilling small vugs (1-2 mm).</p> <p>PIMA sample @ 253.8 m. Pyrophyllite, dickite?</p> <p>« associated with clay alteration Pyrite 1.00-3.00%»                      « 249.20- 280.40 fracture fill Molybdenite 0.08%»                      « 280.40- 283.30 fracture coatings, disseminated. within clay Molybdenite 0.15%»                      « 283.30- 291.90 Molybdenite 0.03%»                      « pervasively altered Silicification 3.00»                      « dickite, pyrophyllite? Clay 4.00»</p>	4	4	0	0	4	0	0	0	0	268.20	271.30	3.10	E793333	1.760	295.0	598.00
271.30	274.30		3.00	E793334	1.700	221.0	389.00											
274.30	277.40		3.10	E793335	0.410	237.0	195.00											
277.40	280.40		3.00	E793336	1.210	309.0	431.00											
280.40	280.40		0.00	E793337														
280.40	283.50		3.10	E793338	0.490	357.0	963.00											
283.50	286.50		3.00	E793339	0.240	216.0	131.00											
286.50	289.60		3.10	E793340	0.540	1300.0	182.00											
289.60	292.60		3.00	E793341	1.220	1300.0	134.00											
292.60	295.70		3.10	E793342	0.990	1750.0	63.00											
295.70	298.70	3.00	E793343	1.530	2690.0	53.00												
298.70	301.70	3.00	E793344	1.320	1140.0	31.00												
301.70	304.80	3.10	E793345	0.840	1640.0	28.00												
291.90	309.80	JBa4																
<p>Medium to dark grey silica and clay altered rock. Similar composition to the previous unit but increasingly looks like the silica-magnetite-chlorite texture below. The clay and silica altered segments become smaller and more consistent</p>																		













Project: Hushamu05												Hole Number: EC-234							
From	To	Rocktype & Description	bl	blgys	bl	bls	blp	blp	blp	blp	blp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
466.90	474.70	ANDS	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100			
466.90	468.60	Medium to dark green-grey andesite dyke. Chloritized mafic phenos. Weakly magnetic due to fine-grained magnetite (primary?). Fine-grained disseminated pyrite. Gypsum veins and veinlets with minor calcite. < @ 466.90 intrusive contact Upper Contact 80.00° >										466.90	468.60	1.70	E793405	-0.010	48.0	5.00	
468.60	469.40											468.60	469.40	0.80	E793406	0.020	31.0	14.00	
469.40	471.40											469.40	471.40	2.00	E793407	-0.010	49.0	-1.00	
471.40	473.00											471.40	473.00	1.60	E793408	-0.010	9.0	-1.00	
473.00	474.70											473.00	474.70	1.70	E793409	-0.010	52.0	-1.00	
468.6	469.4	Light to medium-grained grey silica-clay-pyrite altered rock with traces of molybdenite along fractures similar to the rock immediately above the dykes. « 468.60- 469.40 fracture fill and disseminations Pyrite 3.00%»« fracture coatings Molybdenite 0.05%»																	
469.4	474.7	Andesite dykes. Appears to be two different pulses, with a lighter green, silicious and non-magnetic 1.6 moderate dyke within the larger intrusion. Elongate mafic phenos and calcite amygdules within 30 cm of each margin are oriented parallel to the dyke margins. < @ 469.40 intrusive contact Contact 75.00° > < @ 471.40 small dyke within intrusion Upper Contact 40.00° > < @ 473.00 small dyke within larger intrusion Lower Contact 40.00° >  « 466.90- 474.70 Chlorite 2.00» « pervasive sericitization Sericite 2.00» « f.g. disseminations Magnetite 0.50» « veins Gypsum 2.00»« veinlets, minor amygdules Calcite 0.50» « pyrite along fractures Pyrite 0.50%»																	
474.70	522.60	JBa4										474.70	475.50	0.80	E793410	0.010	20.0	4.00	
		< @ 474.70 faulted upper contact Fault Gouge 70.00° 25.00cm >										475.50	478.50	3.00	E793411	0.010	13.0	1.00	
		Consistently light to medium-grained grey coloured, sericite/clay/pyrite and silica altered with abundant gypsum veins and lesser white zeolite. Light grey to opaque clays are intergrown with silica, forming a spotted texture visible under the hand lens and less often with the naked eye. Gypsum veins										478.50	481.60	3.10	E793412	0.010	17.0	3.00	
												481.60	484.60	3.00	E793413	0.010	35.0	1.00	
												484.60	487.70	3.10	E793414	0.010	74.0	1.00	
												487.70	490.70	3.00	E793415	0.010	33.0	2.00	
												490.70	493.80	3.10	E793416	0.010	37.0	2.00	



Project: Hushamu05												Hole Number: EC-234						
From	To	Rocktype	& Description	bl	blgys	bl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
522.60	590.20	JBa3	Very similar to the previous unit except for stronger silica altered sections. Consistently light to medium-grained grey with variable dominance of silica or clay alteration. Strongest clay alteration occurs in 5-10 cm patches with colours ranging from bluish-grey to off-white, with minor light green, however, most of the clay alteration appears as a dull grey intergrowth with silica.									524.30	527.30	3.00	E793428	0.010	35.0	3.00
			Sulphide mineralization is also similar to the previous unit with moderate to strong pyrite occurring within fractures and veins, and disseminated. The fine-grained dark disseminations suspected to be at least in part molybdenite, decrease downhole.									527.30	530.40	3.10	E793429	0.010	18.0	4.00
			Gypsum veining remains prominent, with minor zeolites and yellow sulphur minerals. Stronger, erratic gypsum veining from 577.5 moderate to lower contact results in a crackle breccia texture.									527.30	530.40	3.10	E793430	0.010	15.0	4.00
			« pervasive silicification Silicification 3.00» « patchy alteration Clay 3.00»									530.40	533.40	3.00	E793431	0.010	27.0	6.00
			« Sericite 1.00» « 522.60- 590.20 abundant veins Gypsum 3.00» « minor veins Zeolite 0.50»« fracture fill and disseminations Pyrite 4.00-7.00%»« fine-grained grained disseminations Molybdenite 0.03%»									533.40	536.50	3.10	E793432	0.010	24.0	5.00
			minor breccia sections of subangular to subrounded pebbles up to 5 cm in length in a silica/clay matrix									536.50	539.50	3.00	E793433	0.010	20.0	5.00
			« 528.85- 529.30 silicious pebble breccia Breccia 40.00°»									539.50	542.60	3.10	E793434	-0.010	19.0	2.00
			« 576.00- 576.40 pebble breccia Breccia 40.00°»									542.60	545.60	3.00	E793435	-0.010	26.0	3.00
			< @ 526.10 gypsum Vein 55.00° 4.00mm >									545.60	548.60	3.00	E793436	-0.010	28.0	1.00
			< @ 545.50 gypsum and zeolite Vein 50.00° 4.00cm >									548.60	551.70	3.10	E793437	0.010	21.0	3.00
			< @ 555.80 gypsum Vein 15.00° 4.00-10.00mm >									551.70	554.70	3.00	E793438	0.010	16.0	2.00
			< @ 557.50 gypsum Vein 45.00° 5.00-10.00mm >									554.70	557.80	3.10	E793439	0.010	21.0	2.00
			< @ 564.50 gypsum Vein 25.00° 10.00mm >									557.80	560.80	3.00	E793440	0.010	24.0	2.00
			< @ 571.10 gypsum and zeolite Vein 20.00° 10.00mm >									560.80	563.90	3.10	E793441	0.010	25.0	1.00
												563.90	566.90	3.00	E793442	0.040	41.0	1.00
												566.90	566.90	0.00	E793443			
												566.90	570.00	3.10	E793444	0.010	19.0	1.00
												570.00	573.00	3.00	E793445	0.010	24.0	2.00
												573.00	576.10	3.10	E793446	0.010	42.0	3.00
												576.10	579.10	3.00	E793447	0.010	26.0	5.00
												579.10	582.20	3.10	E793448	0.010	26.0	2.00
												582.20	585.20	3.00	E793449	0.010	45.0	2.00
												585.20	588.30	3.10	E793450	0.010	50.0	5.00
												588.30	590.20	1.90	E793451	0.010	147.0	2.00





Project: Hushamu05								Hole Number: EC-234									
From	To	Rocktype & Description	bl	blgys	bl	hps	py	sp	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
< @ 596.80 chilled lower contact Lower Contact 40.00° >																	
596.80	607.60	JBa3															
Similar silica-clay-pyrite alteration to the interval 522.60 - 590.20 m. However, this unit is increasingly green with pervasive sericite alteration which at times makes it look like the dykes above and below. It appears that the fine-grained molybdenite is no longer present, nor is the smell of sulphur when the core is broken with a hammer.																	
« pervasive silicification Silicification 3.00» « Clay 2.00» « pervasive sericitization Sericite 2.00» « veins Gypsum 3.00» « veins Zeolite 1.00» « disseminations > fractures Pyrite 4.00%»																	
607.60	620.50	ANDS															
Two dykes similar to the intrusion from 590.2 moderate to 596.8 moderate separated by a segment of heavily veined and altered wall rock. The dykes are aphanitic to fine-grained with chloritized mafic phenocrysts and locally occurring, feldspars phenocrysts. Strong calcite and lesser zeolite veining.																	
607.6 - 611.0 m: dyke																	
@ 607.60 intrusive contact Upper Contact 55.00° >																	
< @ 611.00 intrusive contact Contact 45.00° >																	
« 607.60- 611.00 Chlorite 2.00» « Sericite 2.00» « veins and amygdules Calcite 2.00» « veins Gypsum 1.00» « veins Zeolite 1.00»																	
611.0 - 617.6 m: Altered volcanic rock																	
« 611.00- 617.60 Silicification 2.00» « pervasive clay alteration Clay 3.00» « Sericite 2.00» « strong calcite veining Calcite 3.00» « gypsum veins Gypsum 2.00» « zeolite veins Zeolite 2.00» « Pyrite 3.00%»																	
617.6 - 620.5 m: Feldspar-phyric intrusive																	
< @ 617.60 chilled margin Contact 40.00° >																	
« 617.60- 620.50 Chlorite 2.00» « Sericite 2.00» « calcite veins Calcite 2.00» « veins Zeolite 2.00»																	
620.50	627.90	JBa3															
596.80	600.50										596.80	600.50	3.70	E793455	0.010	38.0	1.00
	600.50										600.50	603.50	3.00	E793456	-0.010	81.0	1.00
	603.50										603.50	606.60	3.10	E793457	0.010	57.0	-1.00
	606.60										606.60	609.60	3.00	E793458	0.010	59.0	1.00
	609.60										609.60	611.00	1.40	E793459	-0.010	72.0	1.00
	611.00										611.00	612.70	1.70	E793460	0.010	80.0	3.00
	612.70										612.70	615.70	3.00	E793461	0.010	50.0	2.00
	615.70										615.70	617.60	1.90	E793462	0.010	35.0	2.00
	617.60										617.60	620.50	2.90	E793463	0.010	53.0	-1.00
	620.50										620.50	622.50	2.00	E793464	0.010	51.0	2.00

Project: Hushamu05

Hole Number: EC-234

From	To	Rocktype & Description	sl	clays	cl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		Dull grey silica-clay-pyrite altered rock with abundant gypsum veins.	0	4	0	4	0	10	0	3	0	3	-0.5	100				
		« Silicification 3.00»« Clay 3.00»« strong gypsum veining Gypsum 3.50» « with gypsum veins Zeolite 1.00»« disseminations Pyrite 4.00%»	625															
627.90	627.90	EOH																
622.50	624.80										622.50	624.80	2.30	E793465	-0.010	15.0	1.00	
624.80	627.90										624.80	627.90	3.10	E793466	-0.010	9.0	1.00	

# Drill Log Legend

ANDS  
CASN  
EOH  
FSPO  
JB1  
JBa1  
JBa2

JBa2/JBa3  
JBa3  
JBa4  
JBa5  
JBa6  
JBa7  
bedding

fault  
fault beccia  
fault breccia  
fault gouge  
vein  
veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 175.0
<b>Hole</b> EC-235	<b>Azimuth (°):</b> 205
<b>Location:</b> 5618944 m North 570327 m East	<b>Dip (°):</b> -70.0
<b>Logged by:</b> J. Lehtinen	<b>Length (m):</b> 294.70
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/04	
<b>Date Completed:</b> 2007/03/10	
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test NW Expo Zone.	

### Summary Log:

0.00 – 12.2: CASING

12.2 – 121.8: FELDSPAR PORPHYRY (JI2): Light green, moderate- to coarse-grained with 4 mm long plagioclase and amphibole(?) phenocrysts in a fine-grained chlorite, epidote, and sericite altered groundmass. Weakly magnetic with trace pyrite. Unit is intruded by five diorite dykes up to 4.5 m thick.

121.8 – 162.9 UNDIVIDED BONANZA VOLCANICS (JB): trace pyrite, trace chalcopyrite. Locally, weak chlorite magnetite alteration, 1-3% pyrite.

162.9-183.9 SILICA-CHLORITE-MAGNETITE (JBa5): Very fractured core overlying an 8 m thick fault zone, 3-5% pyrite

183.9 – 294.7 UNDIVIDED BONANZA VOLCANICS (JB): variably altered and brecciated with discrete horizons of crackle breccia and gypsum veining. Locally, clay, sericite, magnetite or chlorite-magnetite altered, 1-5 % pyrite, trace molybdenum over intervals of several meters. Cut by a feldspar porphyry and diorite dyke.

294.7 = EOH



**DRILL LOG**

**Project: Hushamu**

**Hole ID: EC-235**

*Downhole surveys:*

<u>Depth</u>	<u>Dip</u>	<u>Azimuth</u>
0.00	-70.00	205.00
294.00	-69.40	213.50

Project: Hushamu05		Hole Number: EC-235																		
From	To	Rocktype & Description	Si	Al	Fe	Mn	Mg	Ca	Na	K	Ti	ppm	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
0.00	12.20	CASN Casing																		
12.20	24.50	DIOR Medium to dark green. Medium grained. Dark colour due to patchy chloritized mafics. Weak green-grey feldspars, weakly sericite altered. moderately magnetic. strong chill margin indicating this intrusive is younger than the one below.« chlorite 1-2» @ 24.50 contact 25° >																		
24.50	29.40	FSPO Feldspar Porphyry. Light green, moderate to coarse-grained intrusive with green-white plagioclase to 4 mm. Mafics to 4mm, chloritized. Whole unit is weakly sausseritized. Epidote, sericite chlorite. Weak to moderately magnetic. Minor <10 cm dykes of unit above.« sericite 1»« chlorite 1»« trace pyrite »																		
29.40	32.90	DIOR Dark - medium-grained green. Medium grained, feldspar phyruc + biotite phenocrysts. Moderate to strongly magnetic.																		
32.90	36.70	FSPO Similar to previous description.< @ 32.90 contact 30° >< @ 36.70 bottom contact 50° >																		
36.70	38.90	DIOR Dark grey matrix with up to 3mm plagioclase phenos. chloritized mafics. Weak zeolite stringers commonly at 45 TCA.« chlorite 1»« sericite 1»																		
38.90	53.60	FSPO																		





Project: Hushamu05										Hole Number: EC-235															
From	To	Rocktype	& Description	Sr	Ca	Mg	Si	Al	Fe	Mn	Zn	Pb	Cu	Au	Mo										
			TCA.													From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm			
				0	4	0	4	0	4	0	4	0	10	0	3	0	3	0.5	100						
121.80	148.40	JB	Variably coloured due to numerous stringers and breccia zones with associated													145.40	148.40	3.00	E799001	0.010	84.0	1.00			

\* depth component not to scale

\* AVG indicates averaged duplicate samples

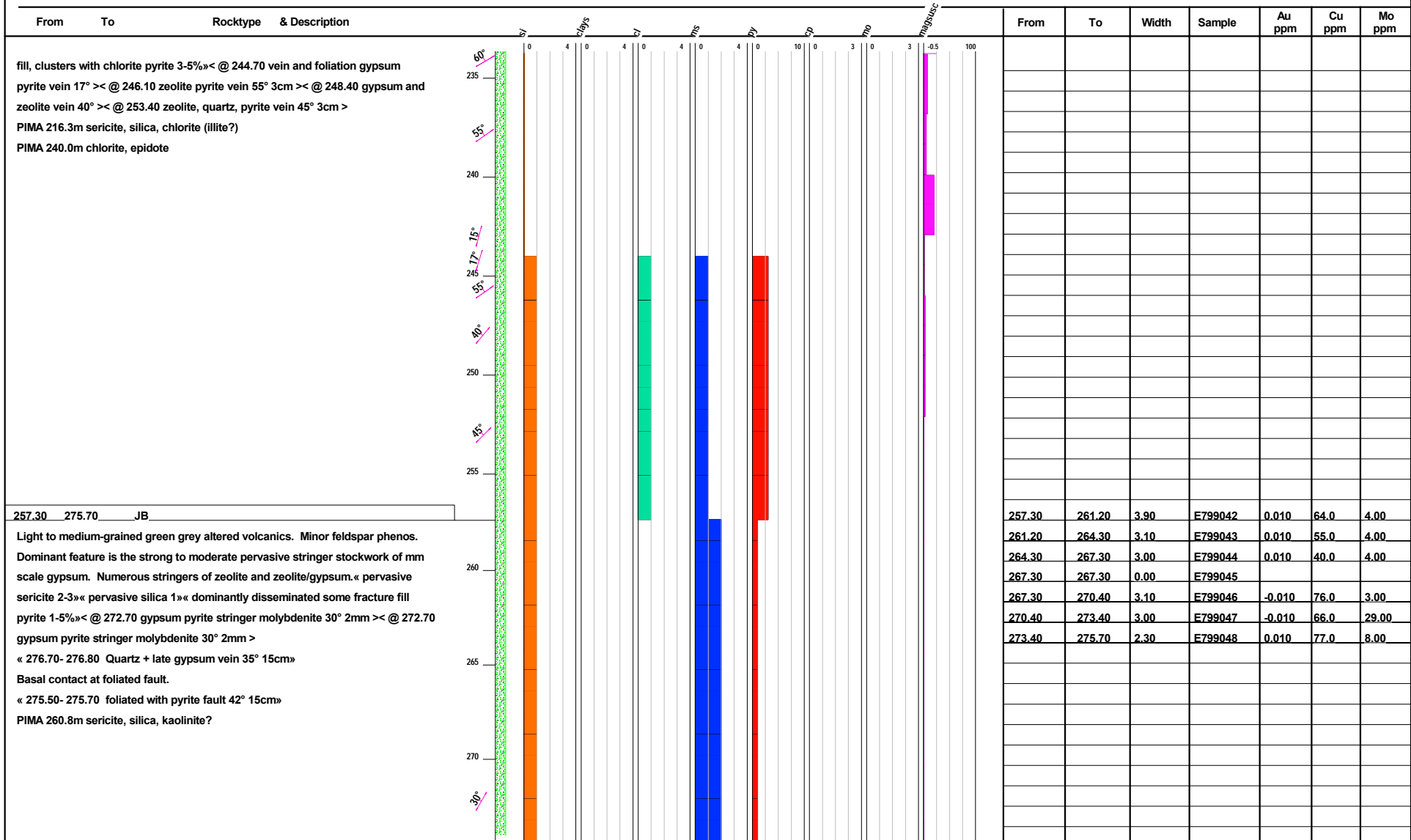
Project: Hushamu05												Hole Number: EC-235								
From	To	Rocktype & Description	By	By	By	By	By	By	By	By	By	By	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		alteration. Fragmental in part. « 121.80- 148.40 variable, patchy magnetite -3»« highly variable sericite -1»« epidote -1» Common stringers are pink-orange and white zeolite; calcite and epidote; quartz. Strongly foliated and veined upper contact< @ 121.80 quartz epidote zeolite veining 40° 3cm >< @ 121.80 quartz vein 50° 2cm > « 124.40- 125.10 FSPO 25°»< @ 126.80 calcite epidote vein 35° 2cm > « 127.80- 128.60 breccia and zeolite veined breccia 25°» « 130.40- 130.90 fault gouge and breccia fault gouge 55°»« disseminated cubic pyrite -1%»< @ 134.90 quartz epidote vein 45° 3cm > « 132.70- 134.90 healed fault and veining breccia 50°» « 121.80- 138.10 hornfels, weak, decreasing down section biotite 1-2» « 138.20- 142.50 drusy zeolite lined fractures 5-30°»< @ 147.40 quartz vein 35° 2cm > « 147.90- 148.30 trace in semi massive magnetite chalcopyrite »																		
148.40	160.20	JB											148.40	151.50	3.10	E799002	0.010	112.0	-1.00	
		Distinct from unit above. Medium grey to brown grey. Variably plagioclase phyrlic-intrusive? Moderate to strong alteration patches of chlorite commonly less than 0.5 cm. with and without magnetite and pyrite. Magnetite alteration is commonly along discrete (early) fractures.« magnetite 1-2»« along fractures epidote 1»« euhedral cubes and disseminated pyrite 3%»< @ 154.20 quartz vein 70° 5cm >< @ 152.30 vuggy zeolite veining 35° 4cm > « 155.00- 160.20 distinct clusters to 5 mm magnetite 20%»< @ 160.20 vuggy zeolite veining contact > PIMA SAMPLE: 159.3m chlorite magnetite											151.50	154.50	3.00	E799003	0.010	82.0	-1.00	
													154.50	157.60	3.10	E799004	0.010	64.0	-1.00	
													157.60	160.20	2.60	E799005	0.010	81.0	1.00	
160.20	162.90	JB											160.20	163.70	3.50	E799006	0.020	86.0	1.00	
		Similar to unit above. Dark green magnetite chlorite patches to 4mm set in strong sericite and/or clay altered matrix. Strongly faulted.« sericite 3»« magnetite 2»« trace chalcopyrite pyrite 2%»< @ 161.60 magnetite trace																		

Project: Hushamu05												Hole Number: EC-235					
From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		chalcopyrite vein 50° 2cm >< @ 162.00 gouge fault 70° 4cm > « 162.20- 162.30 gouge,breccia fault 50°»															
162.90	175.80	JBa5 Medium to light green grey. Pale silica matrix with light to dark green chlorite magnetite patches up to 2 cm. Extremely broken core. Late fractures. Pyrite throughout as disseminations, patches and minor fracture fill. Strongly silicified, minor sericite. Moderately magnetic. New « silica 3»« sericite 1»« magnetite 2»« chlorite 2»« pyrite 3-5» PIMA SAMPLE: 166.8m silica, chlorite (illite?)									163.70	166.70	3.00	E799007	0.010	105.0	1.00
											166.70	169.80	3.10	E799008	0.010	113.0	-1.00
											169.80	172.80	3.00	E799009	0.010	96.0	-1.00
											172.80	175.80	3.00	E799010	0.010	93.0	-1.00
175.80	183.90	FLTZ Fault zone. Medium to light green to green grey. Very strongly foliated at 40 to 50TCA. Numerous stringer/veining events. Early quartz veining commonly discontinuous and faulted, followed by white and orange zeolite and weak carbonate veining and pyrite veining possibly of different ages. Variable clay alteration, some sericite. Pyrite as fracture fill stringers and disseminated. Non Magnetic. « illite, kaolinite clay 2-3»« sericite 1-2»« stringers, disseminated, fracture fill pyrite 3-5%»< @ 175.80 foliation and stringers fault 40° >< @ 175.80 foliation fault 40° > « 178.00- 178.20 fault gouge 40°»< @ 180.60 pyrite stringer in foliation fault 50° >									175.80	178.90	3.10	E799011	0.020	74.0	2.00
											178.90	182.00	3.10	E799012	0.020	145.0	6.00
											182.00	182.00	0.00	E799013			
											182.00	183.90	1.90	E799014	0.110	300.0	9.00
183.90	200.90	JB Mottled medium-grained green grey. Volcanics with numerous stringers of quartz, zeolite and gypsum. Overall patchy alteration. Moderately magnetic. Magnetite disseminated, patchy with minor clusters up to 1cm. Magnetite likely both primary and as an alteration. Lighter intervals of clay and/or sericite with no magnetite.« magnetite 1-2»« chlorite 1»« sericite -1»« disseminated and fracture fill pyrite 1-3%»									183.90	185.00	1.10	E799015	0.160	490.0	9.00
											185.00	188.10	3.10	E799016	0.060	285.0	7.00
											188.10	191.10	3.00	E799017	0.030	195.0	8.00
											191.10	194.20	3.10	E799018	0.030	234.0	13.00
											194.20	197.20	3.00	E799019	0.030	199.0	7.00
											197.20	200.90	3.70	E799020	0.060	174.0	6.00

Project: Hushamu05								Hole Number: EC-235										
From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgys	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
200.90	207.90	JB									200.90	203.30	2.40	E799021	0.010	60.0	8.00	
		Light grey to green-grey. Non magnetic. Strongly altered and brecciated zone. Brecciated and then crackle brecciated in part. Numerous gypsum veins. Minor quartz veins. Zeolite veining.« illite, kaolinite clay 2-3»« chlorite 1»« pyrite 1-2%»< @ 201.90 quartz vein 47° >< @ 204.40 zeolite vein 15° 1cm >< @ 206.90 vein quartz 45° 1cm >< @ 200.90 trace amount in fracture fill Witherite Pyrite molybdenum >										203.30	206.30	3.00	E799022	0.010	51.0	5.00
		« 202.90- 203.60 primary ? breccia »										206.30	207.90	1.60	E799023	0.010	74.0	9.00
		PIMA SAMPLE: 203.3m sericite, silica with gypsum veining																
207.90	209.80	FSPO									207.90	209.80	1.90	E799024	0.010	79.0	3.00	
		Dark green matrix. Light pink-orange phenocrysts. Dark chloritized mafics. Cross-cut by numerous orange-pink zeolite veins and minor gypsum veins. Minor epidote.« chlorite 2»																
209.80	257.30	JB									209.80	212.30	2.50	E799025	0.020	193.0	14.00	
		Variably coloured due to variable alteration. Medium green zones of chlorite +/- magnetite, commonly spotted. Light green-grey zones are commonly crackle brecciated and sericite/clay altered. These intervals are cut by numerous gypsum veins.									212.30	215.60	3.30	E799026	0.020	167.0	23.00	
		« 209.80- 210.00 chlorite 1»									215.60	218.50	2.90	E799027	0.020	209.0	12.00	
		« 210.00- 210.30 breccia 40°»									218.50	221.60	3.10	E799028	0.030	97.0	7.00	
		« 210.00- 210.30 sericite 2»									221.60	224.60	3.00	E799029	0.010	154.0	4.00	
		« 210.30- 212.30 chlorite 1»									224.60	227.70	3.10	E799030	0.020	45.0	6.00	
		« 212.30- 215.60 breccia 5°»« sericite 2»									227.70	230.70	3.00	E799031	0.010	24.0	9.00	
		« 215.60- 216.60 chlorite 1»									227.70	230.70	3.00	E799032	0.020	29.0	11.00	
		« 216.60- 223.40 crackle breccia 30-50°»« sericite 2»« illite? clay 2»« common throughout gypsum veining 45° 3-8mm»									230.70	233.80	3.10	E799033	0.060	180.0	8.00	
		« 209.80- 223.40 disseminated and fracture fill pyrite -1» < @ 223.40 zeolite and fracture foliation gypsum vein 45° 4cm >< @ 223.80 zeolite gypsum pyrite vein 45° 3cm >									233.80	236.80	3.00	E799034	0.100	466.0	4.00	
		« 223.40- 231.70 Fracture fill and disseminated pyrite 1-3%»									236.80	239.90	3.10	E799035	0.010	127.0	3.00	
		« 223.40- 231.70 sericite 2-3»									239.90	242.90	3.00	E799036	0.030	206.0	10.00	
		« 225.80- 226.20 strong zeolite gypsum veining 35°»< @ 230.20 gypsum veining 45° 3cm >									242.90	246.00	3.10	E799037	0.040	143.0	5.00	
		« 231.70- 257.30 variable silica -3»« patchy and disseminated magnetite -2»< @ 232.90 gypsum zeolite veins 45° 3mm >< @ 234.40 gypsum vein 60° >< @ 238.20 gypsum veins 55° >< @ 243.50 veins 15° 5cm > « sericite 1-2»« silica 1-3»« clusters and disseminated chlorite chlorite magnetite 1»« fracture									246.00	249.00	3.00	E799038	0.030	203.0	4.00	
											249.00	252.10	3.10	E799039	0.030	196.0	6.00	
											252.10	255.10	3.00	E799040	0.010	147.0	6.00	
											255.10	257.30	2.20	E799041	0.010	124.0	7.00	

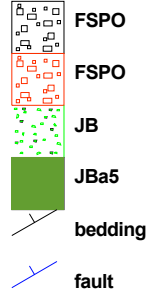
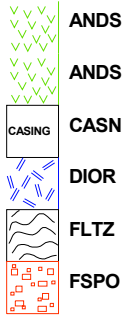
Project: Hushamu05

Hole Number: EC-235



Project: Hushamu05												Hole Number: EC-235						
From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
275.70	282.00	JB Medium to light green. Patchy chlorite magnetite alteration. In part feldspar phyrlic with phenocrysts to 5mm. Possible intrusive unit? Numerous zeolite and gypsum stringers. Minor quartz stringers/veins to 3cm« chlorite 1-2»« magnetite -2»« silica -2»new stuff« disseminated and fracture fill pyrite 1-2%« @ 280.80 quartz vein 50° 3 cm >< @ 281.10 zeolite gypsum vein 40° 3cm > PIMA 278.2m silica, sericite, chlorite (illite?)	0	4	4	4	0	4	0	10	0	3	0	3	-0.5	100		
275.70	278.80										275.70	278.80	3.10	E799049	0.040	215.0	4.00	
278.80	282.00										278.80	282.00	3.20	E799050	0.010	38.0	5.00	
282.00	282.70	ANDS Andesite dyke. Medium to dark green. White feldspar phenocrysts to 1.5mm.« chlorite 1»« @ 282.30 gypsum vein 30° 4mm >< @ 282.00 contact 60° >< @ 282.70 contact 75° >									282.00	282.70	0.70	E799051	-0.010	46.0	2.00	
282.70	291.20	JB Medium green-grey. Mottled colour due to patchy magnetite alteration with sericite alteration surrounding fractures. Numerous zeolite stringers and less gypsum stringers. Minor pyrite stringers, fracture controlled. Moderately magnetic overall.« patchy with chlorite magnetite 1-2»« chlorite 1-2»« sericite 1»« fracture fill and disseminated pyrite 1%»« @ 289.50 fault slip and zeolite pyrite vein 30° 4cm >									282.70	285.60	2.90	E799052	0.010	170.0	4.00	
285.60	288.60										285.60	288.60	3.00	E799053	0.010	155.0	3.00	
288.60	291.20										288.60	291.20	2.60	E799054	0.030	187.0	8.00	
291.20	294.70	JB Medium to light green grey. Strongly fractured with numerous clay gouge slips. Strong sericite clay altered. Erratic zeolite stringered. Non magnetic. « sericite 2-3»« clay 1-2»« fracture and disseminated pyrite 1%» « 292.80- 293.60 fault gouge » « 294.40- 294.70 fault gouge » E.O.H.									291.20	294.70	3.50	E799055	0.020	54.0	4.00	
294.70	294.70	EOH																

# Drill Log Legend



ANDS  
ANDS  
CASING  
DIOR  
FLTZ  
FSPO

FSPO  
FSPO  
JB  
JBa5  
bedding  
fault

fault beccia  
fault breccia  
fault gouge  
vein  
veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 166.0
<b>Hole</b> EC-236	<b>Azimuth (°):</b> 165
<b>Location:</b> 5619894 m North 570513 m East	<b>Dip (°):</b> -80.0
<b>Logged by:</b> J.L/P.Chadwick	<b>Length (m):</b> 435.90
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/10	<b>Date Completed:</b> 2007/03/23
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test north Cougar Zone.	

### Summary Log:

0.00 - 54.91 CASING

54.91 - 67.6 AGGLOMERATE (JB): agglomerate with fragments to 10 cm across. 1-2% cubic pyrite.

67.6 - 158.9 QUARTZ FELDSPAR PORPHYRY (J12): medium-grained, weakly chloritized cut by 15 m wide diorite dyke and 3 m wide zone of dickite-smectite-sericite-pyrophyllite alteration and gouge containing 5% pyrite.

158.9 - 213.0 SILICA-CHLORITE-SERICITE-EPIDOTE-CLAY (JBa6): strong variable alteration with weak patchy silica alteration, 5-12% pyrite typically in clots or fine- to medium-grained disseminations, veins or filling fractures.

213.0 - 321.1 SILICA-CHLORITE-MAGNETITE (JBa5): strong chlorite-magnetite, alteration with minor pyrite to 6%, trace chalcopyrite and trace molybdenite. Locally, magnetite is replaced by epidote, chlorite and clays for 3 m intervals.

Two strongly foliated intervals of 3 m.

321.1 - 322.7 SILICA-CLAY-PYRITE (JBa3): less intensely altered.

322.7 - 342.1 SERICITE-CHLORITE (JBa6): altered phenocrysts present, weak pyrite.

342.1 - 381.3 SILICA-CHLORITE-MAGNETITE-EPIDOTE (JBa5): strong alteration, stringers clots and veins of fine-grained magnetite, weak pyrite. Cut by 2 m wide quartz feldspar porphyry dyke.

381.3 - 413.6 DIORITE: medium-grained fresh post-mineral intrusion.

413.6 - 425.9 SILICA-CHLORITE-MAGNETITE (JBa5): disseminated to clotty magnetite and pyrite exclusive of one another.

425.9 E.O.H





## DRILL LOG

Project: Hushamu

Hole ID: EC-236

### *Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-80.00	165.00
60.00	78.60	171.80
85.00	78.50	171.50
135.00	78.10	175.70
185.00	77.60	172.00
235.00	77.40	178.00
285.00	77.00	177.70
335.00	76.20	181.80
385.00	75.80	178.50
429.00	75.50	180.00

Project: Hushamu05																	Hole Number: EC-236				
From	To	Rocktype & Description	SI	Clays	Sl	Mss	py	Sp	Mp	Msp	0	0.5	100	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
0.00	54.90	CASN																			
Casing. Rubble and cored boulders. Bonanza Volcanics, granodiorite and feldspar porphyry.																					

Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	By	loggs	zr	ms	py	ep	mp	mpusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
54.90	67.60	AGGL									66.10	67.60	1.50	F799090	0.040	111.0	18.00	
		<p>Top of interval to 56.1 moderate with rubblely light green volcanics, interval with no casing before bedrock.</p> <p>Mottled colour from brown-red to medium-grained green. Agglomerate fragments up to 10 cm., commonly medium-grained to light green. Matrix supported with hematitic matrix. Disseminated cubic pyrite predominantly in matrix. Numerous zeolite veins with minor calcite.</p> <p>« sericite 1»                      « chlorite 1-2»                      « fragment replacement and fragment margins epidote 1»                      « disseminated, cubes pyrite 1%»                      « 60.30- 61.90 strongly fractured and zeolite veined vein 12-35»                      &lt; @ 60.30 zeolite and pyrite vein 12° 2cm &gt;                      &lt; @ 60.90 distorted zeolite veining vein 35° &gt;                      &lt; @ 61.30 planar zeolite with fg. pyrite vein 25° &gt;                      &lt; @ 61.70 zeolite vein 3° 3cm &gt;                      &lt; @ 64.00 zeolite vein 30° 2cm &gt;                      &lt; @ 64.60 zeolite vein 35° 1cm &gt;                      &lt; @ 65.10 zeolite vein 30° 2cm &gt;                      &lt; @ 66.30 zeolite pyrite vein 12° 1cm &gt;                      &lt; @ 66.50 zeolite, pyrite vein 35° 4cm &gt;                      &lt; @ 67.50 zeolite trace pyrite vein 65° 2cm &gt;</p> <p>66.1-67.60m contact alteration hematite silica weak pyrite,</p>																

Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	Qtz	Plgys	Cl	Mfs	Py	Ep	Mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
67.60	112.00	QFPO																
<p>QFPO to FSPO Medium to light grey green. Medium grained with feldspar quartz and chloritized mafics averaging 1-2mm dia. biotite books to 1-2mm Weak pink colour at top of interval = hematite. Lighter coloured intervals usually paralleling zeolite stringers. Moderately magnetic. Numerous zeolite veins throughout, commonly at 60 TCA., 40-45 TCA and along core axis. examples</p> <p>&lt; @ 71.70 zeolite vein 60° 3cm &gt;                      &lt; @ 72.30 stringer zeolite veins 60° 4cm &gt;                      &lt; @ 74.70 zeolite veining 60° &gt;                      &lt; @ 76.30 zeolite veining 5° &gt;                      &lt; @ 76.30 zeolite veining 40° &gt;                      &lt; @ 79.20 zeolite, hematite veining 20° 1cm &gt;                      &lt; @ 90.60 zeolite vein 18° 1cm &gt; &lt; @ 108.10 vein with associated fault 45° 1cm &gt;                      &lt; @ 109.50 zeolite calcite pyrite hematite vein 15° 1cm &gt;                      &lt; @ 110.00 zeolite calcite epidote vein 10° 3 cm&gt;                      &lt; @ 111.80 zeolite vein 15° 1cm &gt;                      &lt; @ 112.00 contact 35° &gt;                      &lt; @ 112.00 slip fault 50° &gt;</p>																		

Project: Hushamu05													Hole Number: EC-236					
From	To	Rocktype & Description	bt	clgys	cl	ms	py	cp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
			0	4	4	4	4	10	0	3	0	3	0.5	100				
112.00	127.30	DIOR Medium to dark green-grey. Medium to fine-grained grained. Distinct from previous unit being more mafic and finer grained. Uniform texture throughout. Moderately magnetic. Mafics chloritized. Trace cubic pyrite. Very minor mm scale quartz stringers. Basal contact zeolite and calcite vein and breccia.  « chlorite 1 »  « 127.10- 127.30 calcite zeolite and breccia fragments vein and breccia 40° »																
127.30	136.10	QFPO Similar to 67.60-112.00m. Medium to dark green grey. Moderately magnetic. Minor biotite. Trace pyrite. Trace, trace chalcopyrite  « chlorite 1 »																
136.10	139.10	JBa4 Bleached pale green to red-brown to grey. Strongly clay altered parallel to gouge and breccia zones.  « dickite? smectite? sericite? pyrophyllite? clay 4 » « pyrite 5 » < @ 137.80 gouge fault 40° > < @ 138.20 clay and gouge fault 60° >  PIMA sample: EC236_136.7m:									136.10	139.10	3.00	E799091	-0.010	13.0	1.00	

Project: Hushamu05												Hole Number: EC-236					
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	ep	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
results: smectite, illite																	
139.10	158.90	QFPO															
Medium grey-green, medium-grained to fine-grained locally where alteration is texturally destructive. Feldspar phenos 2-7mm. Late, anastomosing quartz veining present throughout, often with yellow staining w/in and adjacent to veins, commonly 10-60 degrees to CA. Weak clay alteration of fspr phenos, increasing with depth. Weakly silicified. Alteration of mafics moves from fg biotite and magnetite dominant to fg pyrite and clay minerals with depth.																	
« 139.10- 155.70 fg secondary (?) biotite intergrown w/ mafics Biotite 2.00%»																	
« fg magnetite intergrown with mafics - primary magmatic or secondary? Magnetite 2.00%»																	
« 155.70- 158.90 fg diss to rare clotty pyrite, commonly intergrown with mafcs. Pyrite »																	
« yellow to tan clays associated with fct fill, vns and interstitial w/in unit. Clay »																	
< @ 158.20 sheared/tectonized qtz-clay-py vein, 45 deg to CA Vein 10.00cm >																	
< @ 149.50 grey-green fault gauge in tectonized zone Fault Gouge 3.00cm >																	
« 147.70- 149.40 calc-qtz vnts, yel vn envelopes w/ Pyrite Calcite 5.00mm»																	
158.90	213.00	JBa6															
Medium grey to grey-green-purple, often mottled in texture, with strong chlorite-sericite-clay alteration mineralogy. Mottled texture is created by green chlorite alt'd clots in a grey alt'd rock, with variable white to yellow interstitial clays. Chlorite occurs as very soft, waxy dark green mineral, clay is white to yellow locally, soft and interstitial. Abundant pyrite in clots, fg to Magnetite diss, vns and fct fill. 2-12%. Patchy weak to moderate silicification over foot to meter scale intervals. Weak to moderately tectonized over much of the interval to 173m, associated with dark grey pyritic clays, and an increase in anastomosing silica and calcite veins. Non magnetic.																	
« 158.90- 173.00 qtz-calc vns, anast, tectonized Quartz 0.10-5.00cm»																	
« 168.90- 173.00 moderately silicified. Silicification -1.00»																	
< @ 158.90 sharp Contact into altn. stgly tect'd footwall																	
« 158.9-183.2 fg to Magnetite diss, fct/vn fill or clotty Pyrite 5.00-15.00%»																	
« 181.50- 182.00 gy, v.soft clay altn halo around 70 TCA shear Clay 3.00»																	
« 182.10- 213 patchy weak to mod siln Silicification -2.00»																	
158.90	161.20										158.90	161.20	2.30	E799092	0.020	67.0	1.00
161.20	164.30										161.20	164.30	3.10	E799093	0.010	92.0	1.00
164.30	167.30										164.30	167.30	3.00	E799094	0.010	54.0	1.00
167.30	167.30										167.30	167.30	0.00	E799095			
167.30	170.40										167.30	170.40	3.10	E799096	0.010	47.0	1.00
170.40	173.40										170.40	173.40	3.00	E799097	0.010	33.0	-1.00
173.40	176.50										173.40	176.50	3.10	E799098	0.010	9.0	1.00
176.50	179.50										176.50	179.50	3.00	E799099	0.010	29.0	3.00
179.50	182.60										179.50	182.60	3.10	E799100	0.040	35.0	2.00
182.60	184.10										182.60	184.10	1.50	E799101	0.020	103.0	7.00
184.10	185.60										184.10	185.60	1.50	E799102	0.050	184.0	3.00
185.60	188.70										185.60	188.70	3.10	E799103	-0.010	93.0	-1.00
188.70	191.70										188.70	191.70	3.00	E799104	0.040	221.0	10.00
191.70	194.80										191.70	194.80	3.10	E799105	0.030	216.0	50.00
194.80	197.80										194.80	197.80	3.00	E799106	0.030	246.0	55.00
197.80	200.90										197.80	200.90	3.10	E799107	0.050	588.0	126.00
200.90	203.90										200.90	203.90	3.00	E799108	0.040	558.0	90.00
203.90	207.00										203.90	207.00	3.10	E799109	0.020	355.0	81.00

Project: Hushamu05												Hole Number: EC-236					
From	To	Rocktype & Description	bl	blgys	bl	hps	py	Ep	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
186.50	190.00	fg clotty epi intergrown w/ mafics Epidote 1.5									207.00	210.00	3.00	E799110	0.090	851.0	86.00
183.20	197.7	fg diss and fct/vn fill Pyrite 0.50-5.00%»															
@ 196.60		anast qtz/cg Pyrite vn, 5 TCA Vein 2.00cm >															
197.00	200.00	70 TCA fct set - silnd Pyrite infill Fracture 2.50»															
197.70	203.80	intergrm w/ mafics, fct fill Pyrite 7.00-12.00%»															
203.80	213.00	clotty or intergrm Pyrite 0.50-5.00%»															
@ 210.60		qtz-cc vn in shear zone. 70 TCA . Vein -20.00cm >															
PIMA Samples:																	
EC236_161.2m																	
results: chlorite (Mg-Fe), smectite possible zeolite																	
EC236_172.4m																	
results: smectite, chlorite (Mg-Fe), ?weak illite																	
EC236_194.8m																	
results: illite, chlorite (Mg-Fe)																	
EC236_206.1m																	
results: smectite, chlorite (Mg-Fe)																	
210.00	213.10										210.00	213.10	3.10	E799111	0.050	948.0	47.00
213.00	223.60	JBa5									213.10	216.10	3.00	E799112	0.040	570.0	42.00
Medium green-grey locally wk to mod mottled chlorite-magnetite altn with wk to mod silica - variably patchy - and minor clotty to Magnetite disseminated pyrite locally. Foot scale zones of stronger clay altn result in grey weakly											216.10	219.20	3.10	E799113	0.060	979.0	35.00
											219.20	219.20	0.00	E799114			
											219.20	222.20	3.00	E799115	0.060	1030.0	31.00

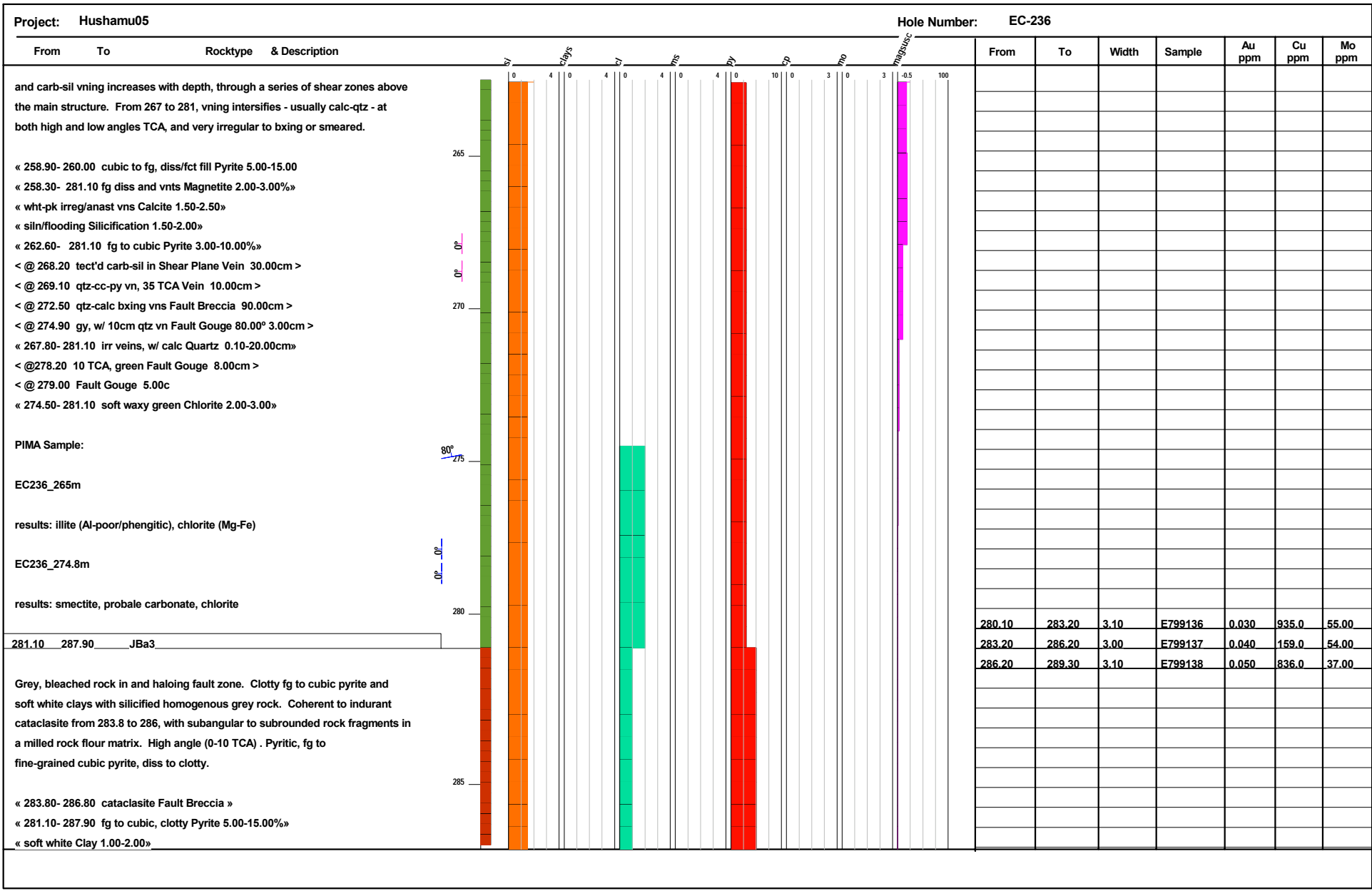
Project: Hushamu05									Hole Number: EC-236								
From	To	Rocktype & Description	bl	clays	chl	ms	py	ep	mp	mpbasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		bleached rock with strong textural destruction and increased pyrite. Irregular Qtz-Cc vns - .1 to 2 cm - occur over interval, commonly 20-45 TCA, and may contain fg moly in thicker vns.															
		« fg clotty to interstitial Magnetite 2.50%»															
		« 213.00- 213.20 fg interstitial Epidote 1.50»															
		« 213.00- 223.6 patchy wk to moderate Silicification 1.50-2.															
		« assc w/ qtz vns or siln Molybdenite 0.50%»															
		« 213.00- 223.60 trace Chalcopyrite »															
223.60	226.40	JBa6															
		Grey, strongly silicified, epidote-pyrite-chlorite-clay altn assemblage w/ trace cpy moly. Epidote occurs as clots, commonly assc w/ intergrown, often clotty pyrite and lt green waxy chlorite. Epidote as late overprint? Texturally destroyed and bleached, with gradational contacts.															
		« poss late overprint? Epidote 3.00»															
		« perv flooding Silicification 2.00»															
		« intergrown w/ clays Pyrite 1.00-5.00%»															
		« assc w/ epi-chl-py Molybdenite »															
		PIMA Sample:															
		EC236_225.2m															
		results: smectite, chlorite (Mg-Fe)?, ?weak epidote															
226.40	241.50	JBa5															
		Green-grey, silica flooded w/ strong magnetite intergrown into mafics. Mottled look created from mag-chl alt'd mafics in grey silica. Weak epidote locally, commonly associated with patchy pyrite, both intergrown w/ mafics also. Fine, irregular to anastomosing carb or cc-sil vns occur throughout, but increase in width and freq over the weakly tectonized interval of 234.5-239m, occurring w/ fine-grained pink zeolite vns - 15-45 TCA.															
		« intergrn w/ mafics-clotty Magnetite 2.50%»															
		« flooding Silicification 2.50»															
		« 233.30- 234.50 fg, clotty, intergn w/ Pyrite Epidote 0.50»															
222.20	225.20												3.00	E799116	0.040	693.0	25.00
225.20	228.30												3.10	E799117	0.110	988.0	27.00
228.30	231.30												3.00	E799118	0.060	1020.0	35.00
231.30	234.40												3.10	E799119	0.080	1040.0	90.00
234.40	237.40												3.00	E799120	0.130	1310.0	39.00
237.40	240.50												3.10	E799121	0.070	897.0	24.00



Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	Si	Clays	Chl	Mps	Py	Ep	Mp	MgPbS	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		« anast, 30 TCA Zeolite 2.00-7.00mm»	0	0	4	0	4	0	0	0							
		« 237.20- 239.00 lt yell, interst, assc w/ Pyrite Clay 1.00»	235														
		« cubic to fg, diss Pyrite 3.00-6.00%»															
		« 226.40- 241.5 trace, w/ mag clots Chalcopyrite »															
PIMA Sample:																	
EC236_240.5m																	
results: chlorite, probable epidote																	
240.50	243.50										240.50	243.50	3.00	E799122	0.030	933.0	26.00
241.50	258.30	JBa3									243.50	246.60	3.10	E799123	0.030	1470.0	69.00
Green to green-grey, perv. silica flooded, with a weak mottled texture similar to above, but with patches of epidote-pyrite versus the splotchy magnetite-mafics above. Several foot scale intervals of JBa5 occur, where the rock is compositionally identical, but magnetite, not pyrite is the iron mineral present. Pyrite is abundant, as fg diss intergrown with patchy epidote (replacing mafics?) or as fine-grained veinlets/fct fill commonly 40-60 TCA. Fine silica veinlets, sil-py vnts and sil-py-epi vnts fracture rock, often using the same fct set of 40 to 60 TCA. Minor clay seen, with more likely present, but strong silicification overprinting hinders identification. Pervasive greening colouring likely indicative of chlorite altn - early? Trace cpy occurs sporadically over interval.											246.60	249.70	3.10	E799124	0.050	1130.0	35.00
		« 244.60- 244.80 tect'd, qtz vn'd Fracture 20.00cm»									249.70	249.70	0.00	E799125	0.040	1040.0	28.00
		« 241.50- 258.30 intergrm w/ Pyrite (repl mafics?) Epidote 3.00»									249.72	252.70	2.98	E799126	0.040	1070.0	28.00
		« fg diss and vnts/fct fill Pyrite 2.00-10.00%»									252.70	255.70	3.00	E799127	0.040	1010.0	28.00
		« flooding and vnts Silicification 2.00»															
		« perv Chlorite 1.50»															
		« trace cp															
		« 247.70- 248.40 fg, in clots w/ epi-mafics Magnetite 1.50%»															
255.70	258.80										255.70	258.80	3.10	E799128	0.040	1210.0	44.00
258.30	281.10	JBa5									258.80	261.90	3.10	E799129	0.070	1080.0	28.00
Dark green-grey, pervasively chlorite alt'd and moderately silica flooded, magnetite rich unit. Moderate cubic and fg diss pyrite seen at start of interval, and patchy elsewhere, but iron mineral is now vfg diss magnetite. White to pink carbonate veining and fct fill up to 5 cm - irregular to anastomosing - commonly 30 or 60 TCA. Minor epidote occurs and fine-grained fct fill and interstitial clots, closely assc with the presence of pyrite. Carbonate											261.90	264.90	3.00	E799130	0.030	1110.0	25.00
											264.90	267.90	3.00	E799131	0.080	1250.0	27.00
											267.90	271.00	3.10	E799132	0.020	1380.0	28.00
											271.00	274.00	3.00	E799133	0.080	1330.0	43.00
											274.00	277.10	3.10	E799134	0.040	1190.0	30.00
											277.10	280.10	3.00	E799135	0.040	1185.0	26.00



Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	Sil	Chl	Py	Ep	Mp	Mag	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
« Silicification 1.50-2.50»															
287.90	297.90	JBa5													
Green to green-grey, chlorititized, commonly mottled, weak to moderately silicified unit. Disseminated fg to vfg pyrite is abundant with lesser vnts and fct fill - roughly along 50-70 TC. Epidote occurs in pyritic areas, commonly intergrown and often with soft waxy green chlorite Epidote is also seen haloing fine-grained pyrite vnts. Silicification is present over the entire interval - in varying degrees. The mottled texture, when present is created by blotches of dark green soft, waxy chlorite, often intergrown with epidote and/or pyrite on a medium-grained grey silicified background. Magnetite is also present over the entire interval in varying degrees, and is patchy/clotty to vfg/diss with lesser fine-grained vnts. Fine (.1-1cm) silica, calcite or sil/calc vnts are also present. Upper contact is sharp, and lacks the strongly tectonized fabric of the hanging wall rocks above.															
289.30	292.30											E799139	0.030	1155.0	24.00
292.30	295.40											E799140	0.040	1595.0	47.00
« flooding - early? Silicification 1.50-2.50»															
« fg to vfg diss. or vnts Pyrite 3.00-12.00%»															
« assc w/ py. interst to clotty Epidote 1.50»															
« soft, grn waxy Chlorite 1.50-2.50»															
« fg clots, vfg diss or fct fill Magnetite 2.00»															
« fines vnts Quartz »															
« fine-grained vnts Calcite »															
297.90	298.90	JBa5													
Possible Dyke? Intense epidote altn, strong silicification, moderate vfg diss to interstitial magnetite, trace diss pyrite, and pk carb vnts (which cut contact and all altn). Dk green, soft, waxy chlorite is also seen as a weak altn mineral. Could be a zone of intense altn, but sharp contacts and what appears to be possible alt'd qtz eyes suggest a pre-altn dyke.															
« perv, interstitial Epidote 3.50»															
« Silicification 2.00»« vfg diss to interstitial Magnetite 2.00%»															
298.90	321.10	JBa5													
Green, variably mottled, silica-chlorite-epidote-magnetite altered unit as seen above dyke. Less pyrite present, with only small patches of fg to cubic diss pyrite, commonly on adjacent to vns/fcts. Silica flooding is consistent over the interval, varying from weak to moderate in intensity. Epidote is strongest															
301.40	304.50											E799143	0.060	1525.0	32.00
304.50	307.90											E799144	0.090	1965.0	36.00
307.90	307.90											E799145			
307.90	310.60											E799146	0.090	1355.0	45.00
310.60	313.60											E799147	0.250	1320.0	33.00

Project: Hushamu05												Hole Number: EC-236					
From	To	Rocktype & Description	bl	blgys	bl	ms	py	Ep	mp	mpgssc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
313.60	316.70	adjacent to dyke and decreases with depth. Magnetite is still strong, as vfg disseminations or clots, with increased fct fill/vnts. Irregular silica and/or calcite vns, commonly .1-2cm cut rock at varying angles, but commonly at 30-50 TCA., and intensify in fequency adjacent to small, well healed shear zones. Pink-orange hematite staining occurs sporadically over interval - due to oxidation of mag? At 315.1, open vugs in the rock are lined by fine-grained qtz xstals.ven									313.60	316.70	3.10	E799148	0.160	1450.0	48.00
316.70	319.70										316.70	319.70	3.00	E799149	0.070	1170.0	29.00
319.70	321.00										319.70	321.00	1.30	E799150	0.070	1360.0	38.00
		« diss, clotty and fct/vnt Magnetite 1.50-2.50%»															
		« flooding/vns to 2cm Silicification 2.00»															
		« minor, patchy, diss Pyrite 0.50-2.00%» « clotty/interstitial Epidote 2.5															
		PIMA Sample:															
		EC236_304.5m															
		results: chlorite, probable epidote, ?carbonate															
321.10	322.70	JBa3									321.10	322.70	1.80	E799151	0.040	999.0	31.00
		Grey, silicified porphyritic rock, with 2-6mm rectangular (fsprs?) to rounded (qtz eyes or due to altn?) ghosted xstals visible through alteration. Epidote, pyrite and soft, dk green, waxy chlorite alter the groundmass between xstals. Silica and sil-calc fracture fill and fine-grained vnts to 1.5cms cut rock at high angles TCA. Protolith appears to be a crowded, fspr pheric rock that - although moderately altered - underwent less intense altn that the surrounding rocks. The upper bounding contact does not appear to be faulted, and the coarser grained texture oin the unit below suggests a possible chill margin?															
		« Silicification 2.50»															
		« fg diss Pyrite 5.00-8.00%»															
		« weak Clay 0.50-1.00»															
		« interstitial Epidote 1.50»															
		« fine-grained vnts/fct fill Quartz 0.50-1.00»															
322.70	342.10	JBa6									322.70	325.80	3.00	E799152	0.040	958.0	31.00
		Grey to green, moderately silicified, variably (weak to intense) waxy green chlorite altered, with fg diss to clotty/vning pyrite throughout. Associated with the chlorite and pyrite is patchy epidote alteration. As above, ghosted white-grey phenos seen through alteration, commonly 5-12mm. Fine sil vnts,									325.80	328.90	3.10	E799153	0.070	1240.0	37.00
											328.90	331.90	3.00	E799154	0.050	1030.0	26.00
											331.90	335.00	3.10	E799155	0.030	722.0	44.00
											335.00	338.00	3.00	E799156	0.060	1490.0	30.00

Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	bl	blgys	bl	hbs	py	ep	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		.2-1cm, cut rock at high angles. Weak foliation shown - 70 TCA - overprinted qtz vns? Small shear zone at 338.3									338.00	341.10	3.10	E799157	0.050	920.0	30.00
		« 324.70- 325.10 w/ int. sericite Epidote 1.50-2.00»															
		« 326.20- 330.90 clotty/interstitial, assc w/ py, ser Epidote 2.00-2.50»															
		« 322.70- 342.10 soft, dk grn waxy Chlorite 2.00-3.50»															
		« fg to cubic, diss to clotty Pyrite 3.00-8.00%»															
		« 340.10- 342.10 Epidote 1.00-1.50»															
		PIMA Sample:															
		EC236_338m															
		results: smectite, chlorite, weak kaolinite, silica															
342.10	345.20	JBa5															
		Green-grey, weakly magnetite altered, chloritic. Trace pyrite, but magnetite is dominant iron sulphide. Epidote altn is moderate, and clotty to selectively pervasive. Stronger alteration than above, but original fspr pheric texture is visible over short intervals, especially where epidote selectively alters the phenos. A consistent but weak 70 TCA foliation is seen - possibly overprinted sheeted quartz veins? - as grey-purple lineations across core. The bottom contact with a post mineral intrusive is marked by a 20 cm vfg to aphanitic sil-chl-epi-py altered zone. Contact is 70 TCA.															
		« flooded Silicification 2.00»															
		« pervasive Chlorite 1.50»															
		« vfg diss Magnetite 0.50-1.00%»															
		« sel perv to clotty Epidote 1.50-2.00»															
		« trace Pyrite »															
345.20	347.30	QFP0															
		Green quartz feldspar porphyry dyke. Contact approx 70 TCA, with 20 cm green aphanitic zones (chill margin or altn halo?) above and below intrusion. Silicified, weak chlorite-epidote alteration, with fg diss pyrite. Fspr phenos to .5-1.5 cm and crowded, quartz eyes to .7cm.															
											341.10	344.10	3.00	E799158	0.070	1290.0	29.00
											344.10	347.20	3.10	E799159	0.020	588.0	12.00
											347.20	350.20	3.00	E799160	0.270	1720.0	32.00

Project: Hushamu05												Hole Number: EC-236							
From	To	Rocktype	& Description	bl	blgys	bl	ms	py	Ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
			« Silicification 1.50» « fg diss Pyrite 3.00-5.00%» « green soft waxy Chlorite 0.50» « fine-grained clots and vnts Epidote 0.50»																
347.30	381.30	JBa5										350.20	350.20	0.00	E799161				
			Green, silicified, chloritic, strongly altered volcanic. Fine stringers, clots and vfg disseminated magnetite throughout. Patchy clots and fine-grained stringers of epidote, commonly 60-80 TCA. Pink-orange hematite staining is rare but present over entire interval - due to oxidation of mag? An overall 70 TCA foliation is seen, in stringers of epidote, magnetite and lesser pyrite, and more prominently in gy-purple to white, often ghosted/overprinted by altn, quartz veins. Late white calcite and calcite-quartz veins from .2-1 cm cut core at variable angles, increasing in frequency in tectonized zones. Minor disseminated pyrite and stringers seen locally, some with epidote altn halos. From 351.3 to 352.4, irregular, smeared qtz and/or calc vns breccia rock. in tectonized zone. A small diorite dyke, 20 TCA contact, from 371.0-371.3. AT 375.7, 35 TCA, a small shear zone w/ bx'd sil and smeared py. Below 377m, pyrite picks up, and alternates with magnetite over foot scale intervals as the dominant iron sulphide mineral.									350.20	353.30	3.10	E799162	0.220	1760.0	26.00	
												353.30	356.30	3.00	E799163	0.100	1340.0	22.00	
												356.30	359.40	3.10	E799164	0.180	1640.0	24.00	
												359.40	362.40	3.00	E799165	0.090	1330.0	23.00	
												362.40	365.50	3.10	E799166	0.070	1410.0	29.00	
												365.50	368.50	3.00	E799167	0.090	1440.0	31.00	
												368.50	371.60	3.10	E799168	0.690	1990.0	26.00	
												371.60	374.60	3.00	E799169	0.120	959.0	16.00	
												374.60	377.60	3.00	E799170	0.050	1380.0	27.00	
			« flooding and vns to 5cm. Silicification 2.00» « stringers, clots and vfg diss Magnetite 3.00-3.50%» « Chlorite 2.00» « clots and stringers Epidote 1.50-2.» « 351.30- 352.40 calc-qtz bxn, 30 TCA. fl « 362.90- 363.10 calc vn bx in tect'd zone fl « 375.70- 376.30 sil'd, pyritic, protocataclasite flb																
			PIMA Sample:  EC236_378m  results: sericitite (Al-poor/phengitic), chlorite (Mg-Fe)																
381.30	385.50	DIOR																	

Project: Hushamu05												Hole Number: EC-236								
From	To	Rocktype & Description	Si	Al	Ca	Mg	Fe	Py	Ep	Ms	Qtz	Other	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		Grey to grey-green, fine-grained diorite quartz and calcite stringers and vnts to 1.5cm, commonly 50-80 TCA. Contacts (upper and lower) approx. 40 TCA. Very fresh, post mineral intrusion.											377.60	386.80	9.20	E799171-174	0.030	595.0	13.00	
385.50	395.60	JBa5																		
		Green-grey, strongly silicified, chloritic intensely altered volcanic. Magnetite is abundant, both as fine-grained stringers and vfg disseminations to clots. Patchy crystalline to very fine-grained clotted epidote. Pyrite occurs in low magnetite zones, as fine-grained disseminations, stringers or with epidote and or calcite in vnts. Calcite and lesser qtz vns to 1cm, planar to irregular cut rock. At 287.6, there is a sharp, irregular contact (approx 30 TCA) into a intensely silicified unit with diss pyrite and abundant diss stringer magnetite, approx 60cm thick.																		
		« flooded, veined Silicification 3.00 0.10-1.00cm»																		
		« 385.50- 387.60 stringer, diss, clots Magnetite 1.50»																		
		« 387.60- 388.20 stringers, diss Magnetite 3.00»																		
		« 388.20- 395.60 stringers, diss Magnetite 1.00»																		
		« 385.50- 395.60 patchy Pyrite 1.00-3.00%»																		
		« flooded, vning Silicification 3.00»																		
		« Epidote 2.00»																		
395.60	413.60	DIOR											395.60	399.00	3.40	E799179	-0.010	94.0	1.00	
		Green-grey, weakly silicified, diorite w/ fine-grained calcite and quartz vnts to cm. Very fresh, post mineral intrusive. Upper contact 25 TCA, with vfg/aphanitic chill margin. Several small 5-30 cm vfg to aphanitic greenstone dykelets of equivalent composition/alteration cut unit w/ 10-30 TCA contacts. From 411.3 to 411.8, qtz-py-chl alt'd JBa5 country rock, with very irregular contacts.											399.00	402.00	3.00	E799180	-0.010	112.0	1.00	
		« 410.10- 410.30 35 TCA stringers and diss Pyrite 3.00-5.00%»											402.00	405.10	3.10	E799181	-0.010	64.0	-1.00	
		« 395.60- 413.60 weak, pers Silicification 1.00»											405.10	408.10	3.00	E799182	-0.010	56.0	-1.00	
													408.10	411.20	3.10	E799183	0.010	614.0	8.00	
413.60	435.90	JBa5											413.60	417.30	3.10	E799185	0.100	1660.0	40.00	

Project: Hushamu05

Hole Number: EC-236

From	To	Rocktype & Description	bl	blgys	bl	ms	py	Ep	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
417.30	420.30	<p>Green, locally mottled, silicified, chloritic, strongly altered volcanics. Upper contact is irregular, approx 15 TCA. Clotty or diss magnetite, with lesser fine-grained stringers, and patches of diss, clotty or veinlet pyrite. From 425 and below, magnetite decreases and pyrite increases, commonly as vfg diss or vnts. Early and late qtz vnts, as well as calcite or calc-qtz vns cut unit at all angles. From 427.5-429.4, an irregular calc-qtz vein runs approx parallel TCA. Epidote is patchy, and is a minor altn mineral, with only small zones of fg clotty aggregates intergrown, commonly assc w/ pyrite. Locally, unit becomes quite fine-grained grained and homogenous.</p> <p>« perv, vning Silicification 2.00»                      « perv c 3.00»                      « 413.60- 425.00 diss and stringers Pyrite 1.50%»                      « diss, clotty, stringers Magnetite 2.50»                      « 425.00- 435.90 stringers, clotty, diss Magnetite 1.00»                      « diss and vnts Pyrite 4.00%»</p> <p>PIMA Sample:                      EC236_423.6m</p> <p>results: amphibole, chlorite, probable illite</p>	0	4	0	4	0	4	0	10	0	3	0	3	0.040	1470.0	11.00
420.30	423.40		0	4	0	4	0	4	0	10	0	3	0	3	0.020	851.0	15.00
423.40	426.40		0	4	0	4	0	4	0	10	0	3	0	3	0.070	1390.0	21.00
426.40	429.50		0	4	0	4	0	4	0	10	0	3	0	3	0.140	942.0	29.00
429.50	432.50		0	4	0	4	0	4	0	10	0	3	0	3	0.080	801.0	24.00
432.50	435.90		0	4	0	4	0	4	0	10	0	3	0	3	0.040	926.0	31.00
435.90	435.90	EOH															



# Drill Log Legend



AGGL



CASIN



DIOR



EOH



JBa3



JBa4



JBa5



JBa5



JBa6



QFPO



QFPO



bedding



fault



fault beccia



fault breccia



fault gouge



vein



veinlet

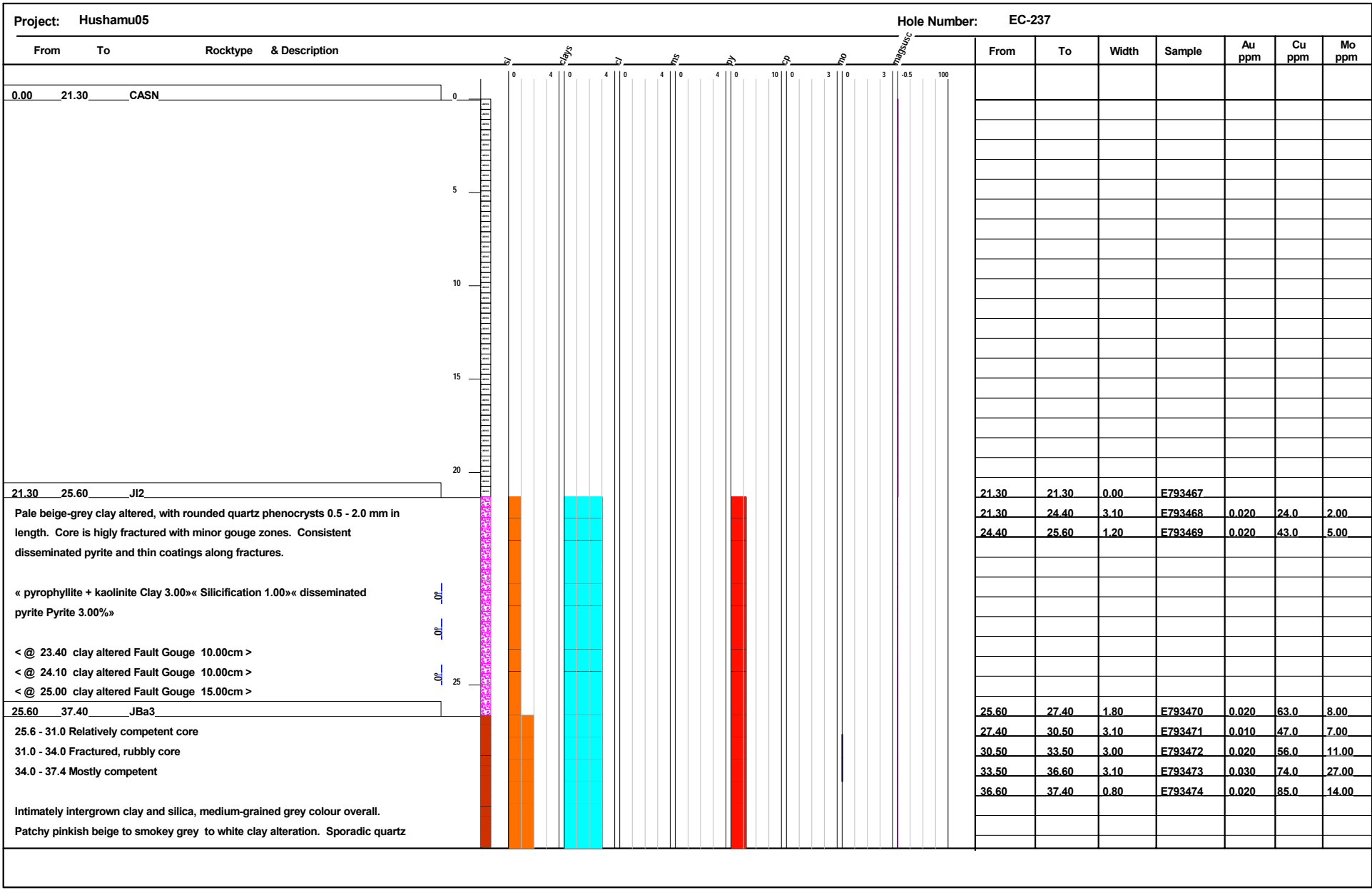


## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 241.0
<b>Hole</b> EC-237	<b>Azimuth (°):</b> 200
<b>Location:</b> 5619254 m North 569896 m East	<b>Dip (°):</b> -60.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 76.20
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/11 <b>Date Completed:</b> 2007/03/13	
<b>Dip Tests By:</b> no survey	
<b>Objective</b> Test NW Expo zone.	

**Summary Log:**

0.0 - 21.3 CASING  
 21.3 - 25.6 QUARTZ-FELDSPAR PORPHYRY (J12): clay altered. 3% disseminated pyrite.  
 37.4 - 70.5 FAULT: contains 3-4% pyrite and sections of fine-grained vesicular igneous rock rubble with trace pyrite.  
 70.5 - 76.2 DIORITE (J11): Vesicular fine-grained diorite dyke with trace pyrite.  
 76.20 E.O.H.



Project: Hushamu05												Hole Number: EC-237								
From	To	Rocktype & Description	st	sl	sp	ps	py	ep	mp	mpg	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm			
		<p>stringers 1-2 mm wide. Relict fragmental texture is visible over a silicious 40 cm interval with subangular to subrounded heterolithic clasts up to 2 cm. Moderate pyrite mineralization as disseminations and fracture fill. Molybdenite observed on a few fracture surfaces near the top of the interval - Note: similar molybdenite mineralization in EC-238 was only observed in the quartz-feldspar porphyry - the QFP in this hole may extend slightly deeper than the chosen contact of 25.6 moderate but this is difficult to determine because of alteration.</p> <p>PIMA sample @ 26.9 moderate - pyrophyllite + dickite?</p> <p>« pyrophyllite, dickite, kaolinite Clay 3.00» « pervasive silicification Silicification 2.00» « disseminations and fracture fill Pyrite 3.00%» « 26.00- 27.00 fracture coatings Molybdenite 0.03%»</p> <p>&lt; @ 26.30 molybdenite coated Fracture 70.00° &gt;</p>	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100				
37.40	41.10	FLTZ																		
		<p>Core is largely broken, with minor gouge zones. Similar lithology and alteration as the previous interval.</p> <p>« 37.50- 38.10 strongly clay altered Fault Gouge »</p> <p>&lt; @ 38.60 small gouge zone Fault Gouge 60.00° 5.00cm &gt;</p> <p>&lt; @ 39.60 small gouge zone Fault Gouge 10.00cm &gt;</p>																		
41.10	48.80	FLTG																		
		<p>Composed almost entirely of unconsolidated clays and fragments of clay/silica altered rock. Moderate to strong disseminated pyrite often in cubic form, also fracture coatings where fragments of consolidated rock are large enough. Locally, pervasive sericite alteration occurs.</p> <p>« Clay 4.00» « Silicification 1.00» « Sericite 2.00» « cubic disseminations Pyrite 4.00%»</p>																		
48.80	53.40	FLTZ																		
37.40	41.10										37.40	41.10	3.70	E793475	0.160	127.0	58.00			
41.10	42.70										41.10	42.70	1.60	E793476	0.040	103.0	21.00			
42.70	45.70										42.70	45.70	3.00	E793477	0.030	205.0	14.00			
45.70	48.80										45.70	48.80	3.10	E793478	0.030	191.0	12.00			
48.80	51.10										48.80	51.10	2.30	E793479	0.030	121.0	14.00			

Project: Hushamu05												Hole Number: EC-237					
From	To	Rocktype & Description	bl	blgys	bl	pl	py	Ep	mp	mpg	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		Highly fractured, rubbly core.	0	0	0	0	0	0	0	0	51.10	51.10	0.00	E793480			
48.8 - 51.1 m		Spotted white and grey texture of kaolinite, dickite(?) and silica alteration with later(?) sericitization. Fine to medium-grained disseminated pyrite. Small black mineral, blocky to granular shape difficult to identify - sphalerite?	4	4	4	4	4	10	0	3	51.10	53.40	2.30	E793481	0.140	203.0	4.00
51.1 - 53.40		More consistent dark greenish grey clay and silica altered rock. Also contains pyrite and sericite. « kaolinite, dickite Clay 3.50» « Sericite 2.00» « Silicification 2.00» « disseminated pyrite Pyrite 4.00															
53.40 - 58.50	FLTG	Strongly clay altered. Fragments are medium-grained grey with patchy clay alteration. Increasing light green sericite alteration near the intrusion below. Similar occurrences of unidentified black mineral as previous interval. « kaolinite, dickite Clay 4.00» « Sericite 2.00» « Silicification 1.00» « disseminations and frac. fill Pyrite 4.00%»									53.40	54.90	1.50	E793482	0.040	145.0	9.00
											54.90	57.90	3.00	E793483	0.040	251.0	12.00
											57.90	58.50	0.60	E793484	0.280	299.0	15.00
58.50 - 62.00	ANDS	Vesicular andesite dyke, highly faulted, broken core. Dark green aphanitic groundmass, fairly hard. Fresh feldspar phenocrysts up to 2 mm occur within 40 cm of each margin of the dyke. Weakly magnetic from fine-grained magnetite. Weak degree of alteration, limited pyrite and lack of zeolite veins or amygdules suggests this is a young intrusion. « pervasive chloritization Chlorite 1.00» « traces along fractures Pyrite 0.50%» « minor fracture coating Epidote 1.00» « fine-grained grained Magnetite 0.50»									58.50	62.00	3.50	E793485	0.010	53.0	-1.00
62.00 - 70.50	FLTZ	Strongly faulted, rubbly core.									62.00	64.00	2.00	E793486	0.100	369.0	37.00
											64.00	67.10	3.10	E793487	0.040	260.0	22.00
											67.10	70.50	3.40	E793488	0.030	224.0	17.00
		Coarsely intergrown silica and clay, dominantly kaolinite, pyrophyllite and									67.10	70.50	3.40	E793489	0.030	318.0	17.00

Project: Hushamu05

Hole Number: EC-237

From	To	Rocktype & Description	bl	clgys	cl	ms	py	ep	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
		sericite.	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100			
		< @ 67.00 mostly clay Fault Gouge 20.00cm > « Silicification 3.00»« kaolinite and pyrophyllite																	
		cy 3.00»« Sericite 2.00»« disseminations, minor fracture filling Pyrite 3.00%																	
70.50	76.20	ANDS																	
		Faulted, rubbly core. Similar dark green vesicular andesite dyke as 58.5 - 62.0 m.																	
		< @ 72.90 gouge zone Fault Gouge 30.00cm >																	
		« pervasive chloritization Chlorite 1.50»« fracture coatings Epidote 1.00»« fine-grained grained Magnetite 0.50»« traces along fractures Pyrite 0.50%»																	
76.20	76.20	EOH																	

# Drill Log Legend



ANDS



CASN



EOH



FLTG



FLTZ



JBa3



JI2



bedding



fault



fault breccia



fault breccia



fault gouge



vein



veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 241.0
<b>Hole</b> EC-238	<b>Azimuth (°):</b> 360
<b>Location:</b> 5619254 m North 569896 m East	<b>Dip (°):</b> -90.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 138.60
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/13	
<b>Date Completed:</b> 2007/03/16	
<b>Dip Tests By:</b> no survey	
<b>Objective</b> Test NW Expo zone.	

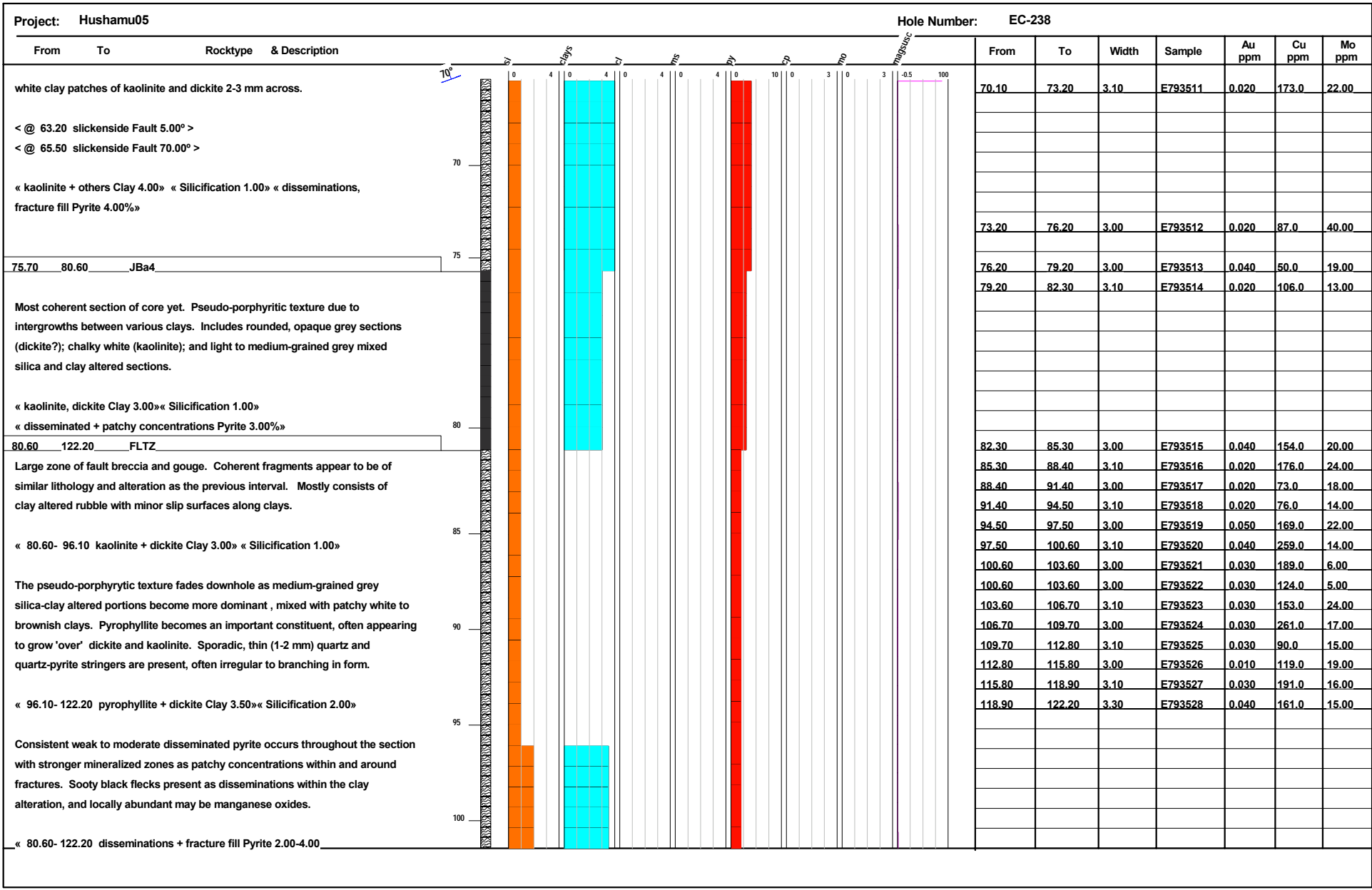
**Summary Log:**

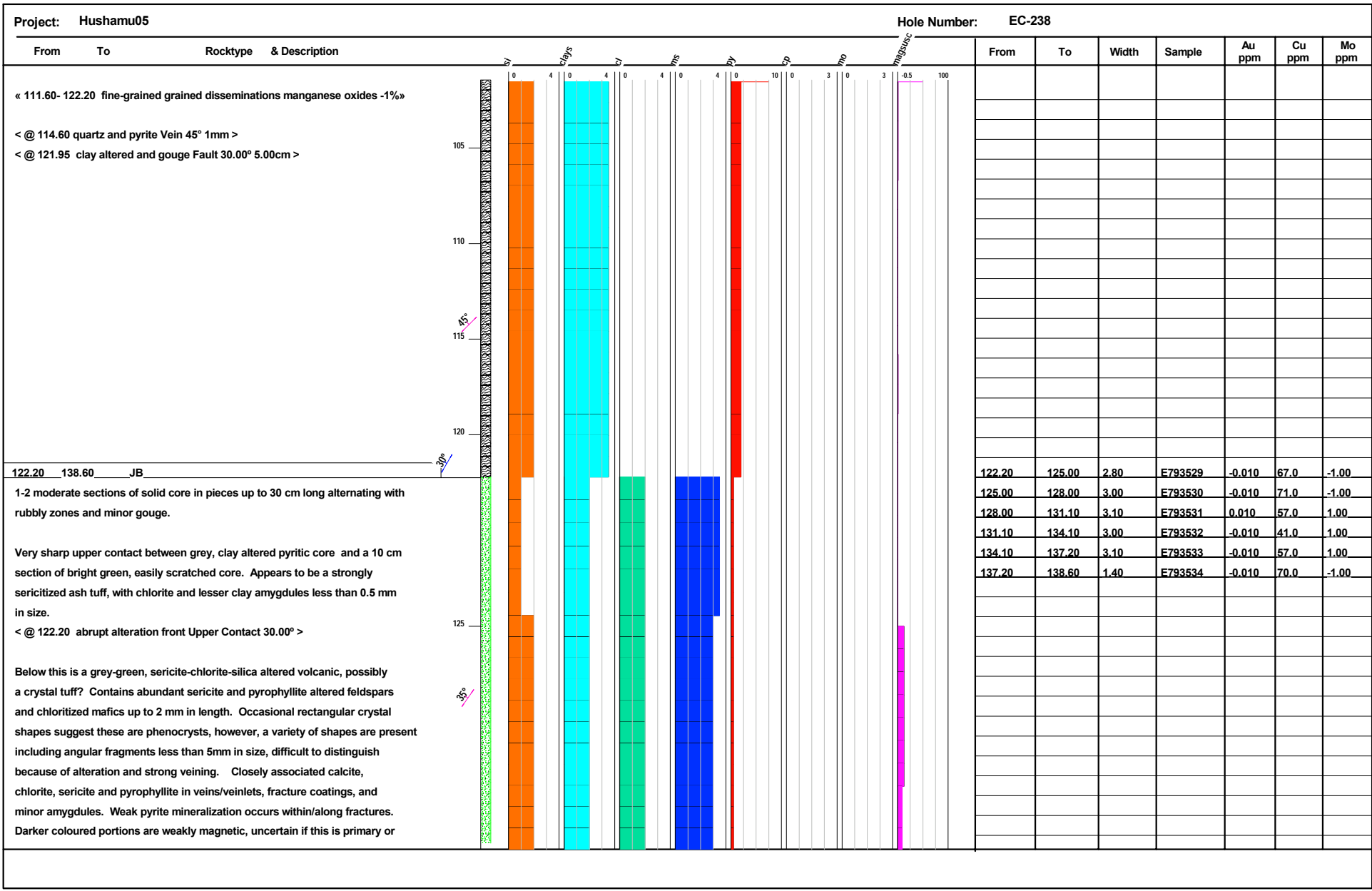
0.0 - 15.2 CASING  
 15.2 - 24.4 QUARTZ FELDSPAR PORPHYRY (JI2): Weakly clay altered with 3% disseminated pyrite and trace molybdenite  
 24.4 - 41.3 SILICA-CLAY-PYRITE (JBa3): Clay altered. Highly fractured. 4% pyrite  
 41.3 - 122.2 FAULT: 3-4% pyrite locally contains cohesive clay altered sections up to 5 m in length.  
 122.2 - 138.6 UNDIVIDED BONANZA GROUP (JB): Andesite crystal tuff(?). Weak sericite-silica-chlorite-magnetite altered and veined by calcite, trace pyrite.  
 138.6 E.O.H.



Project: Hushamu05														Hole Number: EC-238												
From	To	Rocktype	& Description	Si	Al	Fe	Mg	Ca	Na	K	Ti	Mn	P	S	Cl	Br	I	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
0.00	15.20	CASN																								
15.20	24.40	J12	<p>Quartz-feldspar porphyry, strongly fractured with minor zones of rubble and gouge. Light grey silica-clay altered groundmass. Abundant kaolinized (+ dickite?) feldspar phenocrysts as euhedral to subhedral crystals 3-5 mm in length. Abundant quartz phenocrysts, subangular to subrounded 1-3 mm, locally spherical. The obvious porphyritic texture fades below 20 moderate to a more uniform grey colour as the feldspars become dominantly dickite altered and are partially replaced by pyrite. Uncertain lower contact to this unit chosen where quartz phenocrysts are no longer visible and pervasive clay and silica alteration obscures all primary textures.</p> <p>Disseminated pyrite throughout, increasing below 20 m. Also as a coating on fracture surfaces. Molybdenite observed with thin quartz stringers in one area.</p> <p>Degree of alteration in this intrusion and the presence of both pyrite and molybdenite mineralization suggests this is of Bonanza age.</p> <p>« pervasive silicification Silicification 1.00»« kaolinite + dickite Clay 3.00»« disseminations&gt;fracture fill Pyrite 3.00%»« trace Molybdenite 0.02%»</p> <p>&lt; @ 18.55 quartz stringer w/ moly Vein 30.00° 1.00-3.00mm &gt;            &lt; @ 18.70 quartz stringer w/ moly Vein 30.00° 2.00-5.00mm &gt;            &lt; @ 23.00 small gouge zone Fault Gouge 15.00cm</p>																							
																		15.30	18.20	2.90	E793492	0.020	34.0	3.00		
																		18.20	21.30	3.10	E793493	0.050	33.0	7.00		
																		21.30	24.40	3.10	E793494	0.020	66.0	4.00		

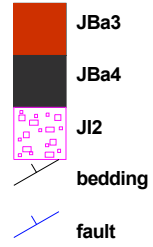
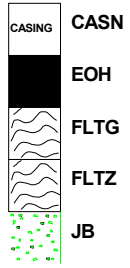
Project: Hushamu05							Hole Number: EC-238													
From	To	Rocktype	Description		St	Clays	Sz	ms	py	Ep	mp	mpb	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
24.40	41.30	JBa3	Highly fractured core with rubby intervals, especially near the bottom.  Medium grey colour overall due to closely intergrown clay and silica with patchy alteration patterns of various clays. Clay minerals appear to be dominantly pyrophyllite and dickite, with lesser kaolinite. Patchy pyrite mineralization concentrated within and around fractures, also disseminated.  « pyrophyllite, dickite + kaolinite Clay 3.00»« weak pervasive silica Silicification 1.00»« fracture fill, disseminations Pyrite 4.00%		0	4	0	4	0	4	0	4	0	24.40	27.40	3.00	E793495	0.020	55.0	4.00
													27.40	30.50	3.10	E793496	0.030	94.0	8.00	
													30.50	33.60	3.10	E793497	0.030	118.0	23.00	
													33.60	36.60	3.00	E793498	0.050	77.0	27.00	
													36.60	39.60	3.00	E793499	0.040	89.0	38.00	
													39.60	42.70	3.10	E793500	0.030	158.0	30.00	
41.30	61.70	FLTG	Large fault zone consisting of a mix of unconsolidated clays with mm size fragments of clay altered rock, and light grey fragments up to 5 cm long that appear consolidated but are so strongly clay altered they crumble easily. Fine to medium-grained disseminated pyrite occurs throughout. Visible within some fragments is an anhedral fine-grained black mineral that often appears sub-metallic - also occurs lower in the hole, possibly manganese oxides? Low core recovery, with drillers noting that some sections were too soft to core.  « dominantly kaolinite(?) Clay 4.00»« fine-grained to m.g. disseminations Pyrite 3.00%»  < @ 50.30 gouge foliation S1 Foliation 50.00° > < @ 51.20 gouge foliation S1 Foliation 50.00° >		0	4	0	4	0	4	0	4	41.30	42.70	3.00	E793501	0.030	143.0	9.00	
													42.70	45.70	3.10	E793502	0.020	97.0	19.00	
													45.70	48.80	3.10	E793503	0.030	108.0	28.00	
													48.80	51.80	3.00	E793504	0.030	60.0	45.00	
													51.80	54.90	3.10	E793505	0.040	55.0	18.00	
													54.90	57.90	3.00	E793506	0.040	91.0	23.00	
													57.90	61.70	3.80	E793507	0.040	196.0	39.00	
61.70	75.70	FLTZ	Large zone of fault breccia and gouge, occasional slip surfaces. Strongly clay altered rock, where coherent there is a granular appearance due to a mix of medium-grained to dark grey clay+silica altered sections and abundant spotted		0	4	0	4	0	4	0	4	61.70	64.00	2.30	E793507	0.050	196.0	39.00	
													64.00	67.10	3.10	E793508	0.030	112.0	30.00	
													67.10	70.10	3.00	E793509	0.020	71.0	11.00	
													70.10	70.10	0.00	E793510				





Project: Hushamu05												Hole Number: EC-238											
From	To	Rocktype & Description	20°	bt	bt	bt	bt	bt	bt	bt	bt	bt	bt	bt	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
		secondary magnetite.																					
		« 122.20- 124.80 Sericite 3.50»« pyrophyllite Clay 2.00»« Chlorite 2.00» Silicification 1.00»« veins and minor amygdules Calcite 2.00» « minor magnetite Magnetite 0.50» « minor vein mineralization Pyrite 0.50%»																					
		Becomes a uniform dark grey-green with increased pervasive silica alteration intergrown with sericite and magnetite (+ pyrophyllite?). Weak to moderately magnetic. Relict phenocrystic texture of sericitized feldspars and chloritized mafics. Anastomosing calcite veins (locally light-pink colour) and calcite-chlorite-sericite coated fracture surfaces, rare amygdules. Very weak sulphide mineralization as trace amounts of disseminated pyrite. Increased silica alteration near the bottom of the hole.																					
		« 124.80- 138.60 Sericite 3.00»« »« Chlorite 2.00»« pyrophyllite? Clay 2.00» « veins, minor amygdules Calcite 2.00»« Magnetite 2.00» « trace disseminations Pyrite 0.50%»																					
		« 124.80- 134.40 pervasive alteration Silicification 2.00» « 134.40- 138.60 Silicification 3.00»																					
		< @ 126.50 calcite-chlorite-sericite Vein 35.00° 4.00mm > < @ 129.20 calcite + quartz Vein 20.00° 10.00-15.00mm >																					
138.60	138.60	EOH																					

# Drill Log Legend





## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 197.0
<b>Hole</b> EC-239	<b>Azimuth (°):</b> 360
<b>Location:</b> 5619021 m North 570040 m East	<b>Dip (°):</b> -90.0
<b>Logged by:</b> J. Lehtinen	<b>Length (m):</b> 100.60
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/16	<b>Date Completed:</b> 2007/03/17
<b>Dip Tests By:</b> none	
<b>Objective</b> Test NW Expo zone.	

**Summary Log:**

0.0 - 9.0 CASING  
 9.0 - 44.8 KAOLINITE-DICKITE-PYROPHYLLITE-CLAY (JBa2): patchy white clay alteration in silica alteration. Pyrite 1-3% and trace molybdenite throughout.  
 44.8 - 75.7 PYROPHILLITE-CLAY (JBa4): clay altered, faulted and fractured. Pyrite 5-7%, and trace molybdenite. Fragments and competent sections are strongly clay altered.  
 75.7 - 85.6 SILICEOUS BRECCIA (JBa1): strongly broken and cut by calcite stringers, weak pyrite. Upper portions are transitional from clay dominated to silica dominated.  
 85.6 - 100.6 QUARTZ FELDSPAR PORPHYRY (J12): strongly fractured, weak pyrophyllite and clay alteration with pyrite.  
 100.6 E.O.H.

Project: Hushamu05				Hole Number: EC-239																		
From	To	Rocktype	& Description	Si	Al	Fe	Mn	P	K	Ca	Mg	Na	Cl	S	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
0.00	9.00	CASN	Casing																			
9.00	44.80	JBa2	<p>Distinct patchy white clay alteration in medium-grained grey silica altered unit. Some remnant fragments likely primary textures of Bonanza fragmental unit</p> <p>White patches of clay, kaolinite and dickite, irregular shaped, commonly rounded patches up to 5 cm. Also zones of complete white clay replacement. Clay commonly in and parallel to fractures. Numerous fault slips lubricated and slickensided with greasy white to translucent dickite?/kaolinite?</p> <p>Pyrophyllite variable throughout. Pyrite generally 1-3% with minor zones of higher grade. Molybdenite irregular and trace quantities. Minor black specks and hairline fractures of sooty material, likely manganese oxides (psilomelane-pyrolusite) occasionally with blue iridescence. Weak zeolite veining. Alteration appears to be clay after silica, with later pyrite and molybdenite followed by molybdenite mineralization as evidenced by fine, rare molybdenite pyrite stringers.</p> <p>« 9.00- 44.80 pervasive silica 3-4» « patchy kaolinite dickite clay 2-3»</p> <p>« 9.00- 44.80 trace molybdenite » « pyrite 1-3%»</p> <p>« 9.00- 21.00 red brown biotite 1-2»</p> <p>« 9.30- 12.30 brecciated clay numerous slips limonite iron stained fault zone 25-55° » « @ 9.30 fault slip 55° » « @ 9.70 slip fault 45° » « @ 10.20 slip fault 50° » « @ 12.10 clay gouge and slip fault 25° » « @ 13.60 slip fault 35° » « @ 15.40 slip 30° » « @ 16.30 clay fault 35° » « @ 16.50 clay fault 70° » « @ 18.30 60° »</p> <p>« 19.60- 21.00 stringers and disseminated with pyrite molybdenite -1° » new « @ 19.70 molybdenite pyrite stringer 40° 1-2mm »</p> <p>« 19.60- 21.00 disseminated and fracture fill pyrite 3% ».</p> <p>« 21.30- 44.80 lighter coloured no biotite silica clay »</p> <p>« 21.00- 21.30 clay, slick planes fault » « @ 21.90 slip limonite clay fault 30° »</p> <p>« 22.00- 26.50 numerous fault slips and earlier breccia faulted zone</p>																			
															9.00	12.20	3.20	E799056	0.060	136.0	59.00	
															12.20	15.20	3.00	E799057	-0.010	106.0	24.00	
															15.20	18.30	3.10	E799058	-0.010	63.0	25.00	
															18.30	19.60	1.30	E799059	-0.010	16.0	15.00	
															19.60	21.00	1.40	E799060	0.010	14.0	68.00	
															21.00	24.40	3.40	E799061	0.010	33.0	46.00	
															24.40	27.40	3.00	E799062	-0.010	44.0	28.00	
															27.40	30.50	3.10	E799063	-0.010	44.0	68.00	
															30.50	33.50	3.00	E799064	-0.010	30.0	49.00	
															33.50	36.60	3.10	E799065	-0.010	39.0	67.00	
															36.60	36.60	0.00	E799066				
															36.60	39.60	3.00	E799067	-0.010	50.0	66.00	
															39.60	42.70	3.10	E799068	0.020	63.0	60.00	
															42.70	44.80	2.10	E799069	0.010	91.0	43.00	



Project: Hushamu05

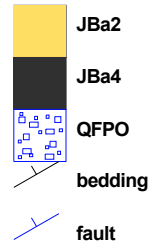
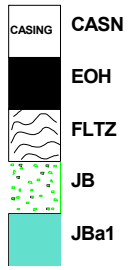
Hole Number: EC-239

From	To	Rocktype & Description	bl	blgys	bl	bls	blp	blp	blp	blp	blp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
-70°0'»< @ 22.00	fault 20° >< @ fault slip 24.00	5° >< @ 25.90 clay slip fault 30° >< @ 26.50 clay slip fault 30° >																
« 21.00- 44.80	lighter coloured due to lack of Biotite? »																	
« 27.40- 27.60	breccia and slip planes fault 50°»< @ 28.00 clay fault 40° >new stuff < @ 28.80 limonitic fault -5°0' >< @ 30.50 limonitic fault 60° >< @ 9.00 clay limonite fault 25° >< @ 30.80 limonitic clay fault 50° >< @ 31.00 clay limonite fault 0° >< @ 31.10 faults 30-35° >< @ 31.70 clay fault 15° >																	
« 30.50- 34.10	strong clay and faulting kaolinite »< @ 33.90 clay slip fault 40° >< @ 34.00 crosscutting clay alteration moly stringers 60° 1mm >																	
« 37.20- 38.20	broken, limonitic clay fault »< @ 38.00 faults 20° >< @ 40.30 fault 15° >< @ 40.80 pyrophyllite pyrite 50° 2cm >																	
« 42.30- 44.80	strongly broken, limonitic and slip fault 30-50°»																	
PIMA SAMPLE: 20.4m kaolinite, dickite																		
PIMA RESULTS:																		
PIMA SAMPLE: 34.4m kaolinite, dickite, pyrophyllite																		
PIMA RESULTS:																		
44.80	61.60	JBa4										44.80	46.50	1.70	E799070	0.050	196.0	25.00
Medium to light green-grey. Homogeneous appearance overall. Soft clay altered pyrophyllite and pyrite. Trace molybdenite throughout. Black sooty mineral with blue iridescent surfaces , likely manganese oxides. Patchy alteration and mineralization in the top 5 metres followed by relatively consistent appearance. Some fragmental looking sections possibly the result of mechanical brecciation or possibly primary fragmental texture. Some late limonitic fracture zones. « pyrophyllite 3-4»« disseminated and fracture fill pyrite 5-7%»																		
« 44.80- 61.60	trace molybdenite »																	
« 44.80- 48.60	patchy pyrite 15-20%»< @ 48.60 gouge fault 10cm >																	
« 48.60- 50.40	limonitic vuggy fault zone »																	
« 52.30- 53.80	limonitic vuggy fractures fault zone »																	
« 57.60- 60.80	limonitic vuggy fractures »																	

Project: Hushamu05								Hole Number: EC-239										
From	To	Rocktype & Description		bl	blgys	bl	hbs	py	Ep	mp	mpgys	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		PIMA SAMPLE: 54.3m dickite, pyrophyllite																
		PIMA RESULTS:																
61.60	75.70	JBa4										61.00	64.00	3.00	E799076	0.020	701.0	12.00
		Extremely faulted and clay altered. Dominantly pyrophyllite with dickite? and kaolinite? Pyritic throughout. Possibly trace moly??? Faulting at various angles TCA. Gradational contact at bottom of interval, becoming more siliceous and competent. Colour change with alteration to green-grey.										64.00	67.10	3.10	E799077	0.030	491.0	44.00
		« 61.60- 67.40 strong gouge zone fault zone »< @ 68.00 fracture foliation 70° >										67.10	70.10	3.00	E799078	0.020	128.0	11.00
		« 61.60- 75.70 fracture fill and disseminated pyrite 3%»										70.10	73.20	3.10	E799079	0.020	99.0	12.00
		PIMA SAMPLE: 68.5m pyrophyllite, dickite?										73.20	75.70	2.50	E799080	0.010	171.0	17.00
		PIMA RESULTS:																
75.70	79.30	JB										75.70	79.30	3.60	E799081	0.010	147.0	19.00
		Transitional zone. medium-grained green grey. First occurrence of calcite veining and increasing silica content. Strongly fractured and calcite veined at various angles TCA.< @ 76.50 fracture fill calcite 35° 4mm >< @ 77.00 fracture calcite 55° 3mm >< @ 78.30 fracture fill calcite 25° 3mm >« pyrophyllite,dickite, kaolinite clay 1-3»« silica 1-2»« disseminated along fractures pyrite 1-3»new stuff																
79.30	85.60	JBa1										79.30	82.30	3.00	E799082	0.030	60.0	10.00
		Medium green to green grey,. This unit is not a true JBa1 as the alteration in this unit appears as a result of the intrusion immediately below. Local brown-red mottled areas, possibly weak biotite alteration. Very strongly broken and calcite stringered. Bottom 30cm of extremely fractured rock and minor fault gouge < @ 85.60 zeolite and calcite vein and fault contact 35° >« disseminated pyrite 1%»« silica 2-3»										82.30	85.50	3.20	E799083	0.040	124.0	12.00
		PIMA RESULTS:																
85.60	94.70	QFPO										85.50	88.90	3.40	E799084	0.020	103.0	4.00
		Medium to light green. Very strongly broken and calcite zeolite stringered. Calcite/zeolite vein orientation at various angles and commonly along core axis.« dickite, weak pyrophyllite clay 1»« pyrite 1-2»< @ 87.90 Massive magnetite, pyrite vein 80° 2cm >										88.90	89.90	1.00	E799085	0.040	201.0	8.00
		PIMA RESULTS:										89.90	89.90	1.00	E799086	0.040	167.0	7.00
												89.90	91.40	1.50	E799087	0.030	223.0	9.00
												91.40	94.70	3.30	E799088	0.010	33.0	3.00

Project: Hushamu05												Hole Number: EC-239					
From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
94.70	100.60	FLTZ Entire interval is fault gouge and weak foliated, pyritized, fine-grained grained breccia. < @ 95.30 fine-grained grained fragments and cubic pyrite fault foliation 55° >									94.70	100.60	5.90	E799089	0.010	36.0	2.00
100.60	100.60	EOH															

# Drill Log Legend





## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 231.0
<b>Hole</b> EC-240	<b>Azimuth (°):</b> 360
<b>Location:</b> 5619037 m North 569733 m East	<b>Dip (°):</b> -90.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 164.60
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/17	<b>Date Completed:</b> 2007/03/19
<b>Dip Tests By:</b> no survey	
<b>Objective</b> Test NW Expo zone.	

### Summary Log:

0.0 - 3.7 CASING

3.7 - 46.6 DIORITE (J11): silica-sericite-chlorite altered diorite with 1-2% pyrite, trace chalcopyrite and trace molybdenite in the lower 10 m associated with magnetite alteration. Cut by a 3 m wide fine-grained mafic dyke.

46.6 - 74.1 FELDSPAR PORPHYRY (J12): pervasive moderate silica and sericite alteration, 3% disseminated pyrite with trace molybdenite. Five meter interval of pervasive clay alteration and intense fracturing at 60.4 m.

74.1 - 110.1 KAOLINITE-DICKITE-PYROPHOLLITE-CLAY-SILICA (JBa4): Variable clay and clay-silica alteration with 7-10% pyrite and trace to locally abundant molybdenite occurring as fracture coatings or within quartz veins 1-5 mm thick. Cut by two fine-grained diorite dykes up to 1.5 m thick.

110.1 - 164.6 DIORITE (J11): silica-sericite-chlorite altered with trace pyrite. Locally strongly clay altered (JBa4) and contains abundant pyrite with trace molybdenite. Lower 40 m of the unit is intensely fractured and variably altered and cut by fine-grained diorite dykes 50-75 cm thick

164.6 E.O.H.

Project: Hushamu05

Hole Number: EC-240

From	To	Rocktype & Description	bl	clays	bl	ms	py	cp	mp	mpbsdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
0.00	3.70	CASN																
3.70	26.60	J11 Highly fractured core, rubble sections.  Diorite: abundant feldspar phenocrysts, relatively fresh, up to 5 mm; lesser chloritized anhedral mafic phenocrysts up to 3 mm, pervasive silica alteration. Minor zeolite veins, locally with calcite. Variably magnetic due to fine-grained disseminated magnetite intergrown with chloritized mafic phenos. Overall colour ranges from dark green-grey with increased magnetite to lighter greenish-grey with pervasive sericite alteration. Strong iron oxides along fracture surfaces are present until approximately 15 m, weakly oxidized below.  « 3.70- 15.00 highly oxidized fracture surfaces Iron oxide 3.00» « 15.00- 26.60 oxidized fracture surfaces Iron oxide 1.00»  5.1 - 8.3 Dark green, fine-grained andesite dyke. Pervasive chlorite alteration, also with chlorite and chlorite-calcite amygdules less than 0.5 mm in size. Slightly more magnetic than the rocks around it. « 5.10- 8.30 pervasive alteration Chlorite 3.00» « weak pervasive silica Silicification 1.00» « calcite amygdules Calcite 1.00» « very fine-grained grained Magnetite 1.50»  Traces of sulphide mineralization found along fractures in two small intervals, typically in darker silica-magnetite altered rocks. Pyrite (cubic, silvery), chalcocopyrite (brassy yellow, fine-grained masses), and molybdenite in the upper occurrence. Also minor magnetite veins less than 1 mm wide. « 13.00- 15.00 minor fracture coatings Pyrite 0.50% « minor fracture coatings Chalcocopyrite 0.20%» « minor fracture coatings Molybdenite 0.03%» « 14.00- 15.00 irregular veinlets Magnetite 2.00 1.00mm» « 15.40- 18.10 pervasive alteration Sericite 2.00» « increased veining Zeolite 2.00 1.00-5.00mm» « 19.00- 21.00 trace fracture coating Pyrite 0.50%» « trace fracture coating Chalcocopyrite 0.50%»  Below 21.5 moderate the rock appears darker and finer-grained due to increased disseminated magnetite and a decrease in feldspar phenocryst size and content.																
	9.10											9.10	12.20	3.10	E793535	0.010	53.0	1.00
	12.20											12.20	15.20	3.00	E793536	0.010	121.0	5.00
	18.30											18.30	21.30	3.00	E793537	0.010	316.0	6.00
	21.30											21.30	24.40	3.10	E793538	-0.010	58.0	1.00
	24.40											24.40	26.60	2.20	E793539	0.030	3880.0	1.00

Project: Hushamu05												Hole Number: EC-240					
From	To	Rocktype & Description	bt	chrys	cl	phs	py	ep	mp	mp+usc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		Small biotite phenocrysts also become a common constituent, with minor epidote alteration occurring as thin, patchy coatings and yellowish-green fine-grained crystals along fractures.															
		Difficult to determine an exact lower contact due to alteration and a gradual decrease in grain size.															
		« 3.70- 26.60 pervasive alteration Silicification 3.00» « pervasive alteration Sericite 1.00» « chloritized phenos Chlorite 2.00» « irregular veins/veinlets Zeolite 1.00 1.00-5.00cm» « minor occurrences with zeolites Calcite 0.50»															
		« 3.70- 21.50 fine-grained disseminations Magnetite 1.00»															
		« 21.50- 26.60 fine-grained disseminations Magnetite 2.00»															
		« 21.50- 26.60 alteration product Epidote 0.50»															
26.60	29.60	ANDS									26.60	29.60	3.00	E793540	-0.010	82.0	1.00
		Difficult to determine an exact upper contact due to alteration and a gradual decrease in grain size. Also of note is the fact that the andesite dykes are typically non-mineralized, unlike this unit. Maybe this unit is a fine-grained margin to the diorite above, which combined, represent a younger pulse of magmatism within a diorite stock whose contact is observed at 29.6 m?															
		Dark green, fine-grained andesite dyke. Chlorite/calcite amygdules, sparse biotite (chloritized) and feldspar phenocrysts less than 1 mm. Moderate to strong pervasive silica and chlorite alteration. Moderately magnetic due to fine-grained disseminated magnetite. Minor f.g. disseminated pyrite along fractures with traces of chalcopyrite. Weak calcite + zeolite veining.															
		zenolith @ 29.2 m, an altered fragment 3cm by 6 cm of the underlying diorite.															
		« pervasive alteration Silicification 3.00» « chloritized phenocrysts, amygdules Chlorite 3.00» « amygdules, minor veins Calcite 1.00» « minor veins and amygdules Zeolite 1.00» « fine-grained disseminations Magnetite 2.00» « minor disseminations Pyrite 0.50%» « trace disseminations Chalcopyrite 0.20%»															
		< @ 29.60 altered intrusive contact Lower Contact 30.00° >															
29.60	46.60	J1									29.60	33.50	3.90	E793541	0.010	83.0	15.00
		Dark greenish grey diorite with minor sections bleached light green. Pervasive alteration by silica and sericite+chlorite. Abundant pale green feldspar									33.50	36.50	3.00	E793542	0.020	43.0	6.00
											36.50	39.60	3.10	E793543	0.020	45.0	17.00

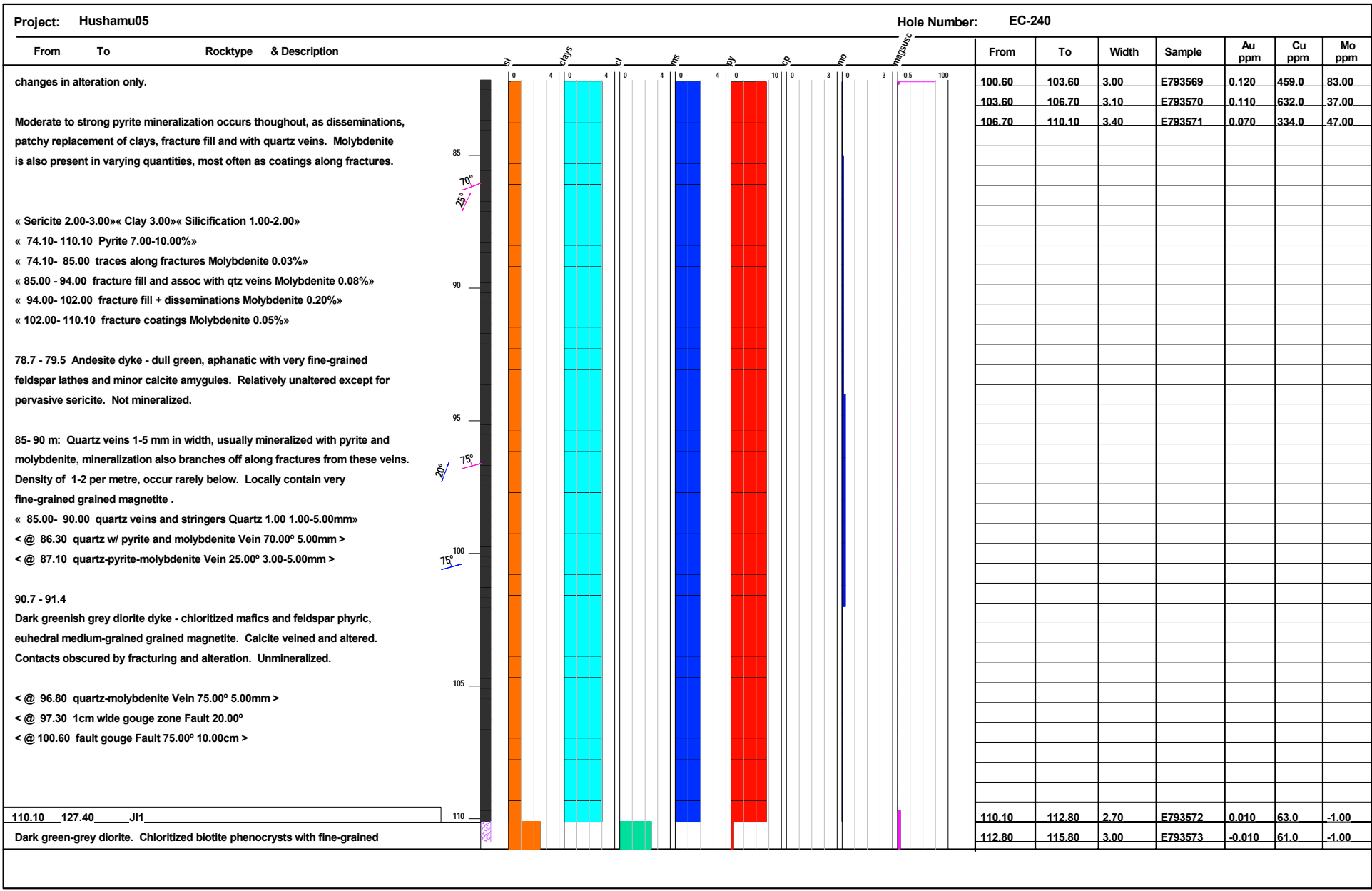
Project: Hushamu05

Hole Number: EC-240

From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
39.60	42.70	phenocrysts 2-4 mm in length, hard to scratch. Weakly chloritized hornblende phenocrysts. Fine-grained disseminated magnetite. Calcite/zeolite veins and fracture coatings - light pink to orange zeolites, locally with yellowish-green epidote. Sulphide mineralization limited to weakly disseminated pyrite.	0	4	0	4	0	4	0	10	0	3	0	3	0.05	100		
42.70	42.70																	
42.70	45.70																	
45.70	48.80	36.5 - 46.6 Moderately magnetic and darker in colour due to increased disseminated magnetite and presence of magnetite-chlorite stringers, visible along some fracture surfaces as patchy black alteration. Increased sulphide mineralization including pyrite and chalcopyrite as disseminations, fracture coatings and veins.																
48.80	51.80	« pervasive alteration Silicification 3.00»« pervasive alteration Sericite 2.00»« veins Calcite 1.00»« veins, fracture coatings Zeolite 1.00»« Epidote 0.50»																
51.80	54.90	« 29.60- 36.50 minor disseminations Pyrite 0.50%»« fine-grained graded disseminations Magnetite 1.00»« chloritized mafic phenos Chlorite 1.00»																
54.90	57.90	« 36.50- 46.60 Pyrite 1.50%»« fine-grained graded chalco Chalcopyrite 0.50%»« disseminations and stringers Magnetite 2.00»« Chlorite 2.00»																
57.90	60.40	< @ 37.50 calcite with pyrite Vein 25.00° 5.00mm > < @ 47.00 zeolite + calcite Vein 35.00° 10.00mm >																
46.60	60.40	JI																
46.60	60.40	Light greenish grey feldspar porphyry. Gradational contact with overlying diorite based on: increased feldspar content (or just more prominent), weak to nonexistent magnetite and sericite + clay (?) alteration. The rocks have a spotty texture of light greenish grey silica-sericite altered groundmass, translucent white feldspar phenocrysts still quite hard to scratch with rounded to diffuse boundaries, and small rounded chloritized phenocrysts. Increased pyrite mineralization, both disseminated and along fractures with small occurrences of molybdenite. Calcite veining similar to the previous unit, with lesser zeolite.																
60.40		« pervasive alteration Silicification 2.50»« pervasive alteration Sericite 2.50»« Chlorite 1.00»« veins Calcite 1.00»« Zeolite 0.50»« Pyrite 3.00%»« trace																



Project: Hushamu05												Hole Number: EC-240										
From	To	Rocktype & Description	bl	blgys	bl	bls	bl	bl	bl	bl	bl	bl	bl	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
60.40	65.00	JBa4	0	4	0	4	0	4	0	4	0	4	0	60	64.00	64.00	3.60	E793552	0.040	235.0	1.00	
<p>&lt; @ 60.40 intrusive contact? Upper Contact &gt; strong clay alteration and broken core obscures what appears to be an uneven intrusive contact. Crosscut by later calcite veins.</p> <p>Brownish grey to light green clay and sericite alteration closest to the upper contact, trending to patchy silica-sericite-clay alteration.</p> <p>« Silicification 2.00»« Sericite 2.00»« Clay 3.00»« disseminated Pyrite 2.00%»« veins Calcite 1.50»« intergrown with calcite Zeolite 0.50»</p> <p>Possibly a continuation of the intrusion in the previous interval, just strongly altered?</p>																						
65.00	74.10	Jl1	0	4	0	4	0	4	0	4	0	4	0	65	65.00	67.10	2.10	E793554	-0.010	52.0	-1.00	
<p>Dark greenish grey diorite. Uncertain upper contact. Abundant biotite phenocrysts altered by chlorite, magnetite and lesser epidote. Obscure feldspar phenos generally less than 1mm. Pervasive silica and chlorite altered.</p> <p>« pervasive silica Silicification 3.00»« pervasive alteration Chlorite 3.00»« Epidote 1.00»« Magnetite 2.00»« minor veins Calcite 1.00 1.00-4.00mm»« trace disseminations Pyrite 0.50%»</p> <p>&lt; @ 74.10 chilled margin Lower Contact 80.00° &gt;</p>																						
74.10	110.10	JBa4	0	4	0	4	0	4	0	4	0	4	0	74	74.10	76.20	2.10	E793558	0.020	53.0	7.00	
<p>Wide ranging alteration over short intervals including clay and sericite, with lesser silica. Commonly displays a spotted to interconnected texture of clays that are smokey-grey, beige, white to greenish-white, occasionally intergrown with silica, increasing towards the lower contact. Locally abundant sericite typically occurs as green, waxy, rounded patches 2-4 mm across. Rare quartz eyes up to 3 mm. Primary texture locally visible across 20 cm in the very upper part of this unit as subangular grey to light pink silicified fragments 1-2 cm long in a variable matrix. Some of the unit however shows signs of being a strongly altered diorite - occasional rectangular clay alteration looks like relict feldspar phenocrysts; poorly defined contacts that look like</p>																						
														76.20	78.70	2.50	E793559	0.140	158.0	7.00		
														78.70	79.50	0.80	E793560	0.070	57.0	1.00		
														79.50	82.30	2.80	E793561	0.320	628.0	7.00		
														82.30	85.30	3.00	E793562	0.080	308.0	13.00		
														85.30	88.40	3.10	E793563	0.090	391.0	67.00		
														88.40	90.70	2.30	E793564	0.090	311.0	31.00		
														90.70	91.40	0.70	E793565	0.030	74.0	4.00		
														91.40	94.50	3.10	E793566	0.040	212.0	40.00		
														94.50	97.50	3.00	E793567	0.070	236.0	213.00		
														97.50	100.60	3.10	E793568	0.050	70.0	96.00		



Project: Hushamu05

Hole Number: EC-240





From	To	Rocktype & Description	By	Bygs	By	Bys	By	By	By	By	Bygs	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		magnetite, lesser feldspar phenocrysts 1-2 mm in length obscured by pervasive silica-chlorite alteration. Minor epidote and calcite alteration. Traces of pyrite. Numerous white calcite and light pink veins mixed with calcite but seem too soft to be zeolite, possibly a pink clay mineral. The veins are at various angle to the core axis. Lower contact obscured by strong veining and alteration.										115.80	118.90	3.10	E793574	-0.010	53.0	1.00
		« pervasive alteration Silicification 2.50»« Chlorite 2.50»« Magnetite 2.00»« Epidote 1.00»« Calcite 2.00»« trace disseminations Pyrite 0.50%»										118.90	121.90	3.00	E793575	-0.010	55.0	1.00
		111.0 Andesite dyke. Dark green, aphanitic with calcite amygdules less than 0.5 mm in size. 25 cm thick, unmineralized.										121.90	121.90	0.00	E793576			
		< @ 120.50 wispy calcite/hematite shear Vein 25.00° 10.00-20.00mm >										121.90	125.00	3.10	E793577	-0.010	64.0	-1.00
		< @ 126.90 vuggy carbonate/calcite Vein 5.00° 2.00-4.00cm >										125.00	127.40	2.40	E793578	0.010	64.0	1.00
127.40	164.60	FLTZ																
127.4	137.6	JBa4										127.40	131.10	3.70	E793579	0.040	158.0	25.00
		Highly fractured, rubbly core with minor gouge zones.										131.10	134.10	3.00	E793580	0.100	444.0	52.00
		Medium grey to greenish-grey clay and sericite altered with lesser silica.										134.10	137.60	3.50	E793581	0.090	571.0	53.00
		Pyritic, traces of molybdenite along fractures.										137.60	140.20	2.60	E793582	-0.010	61.0	1.00
		trace chalcocopyrite at 134.1m?										140.20	143.30	3.10	E793583	0.020	125.0	30.00
		« Clay 3.00»« Sericite 2.00»« Silicification 2.00»« dissemination + fracture coatings Pyrite 6.00%»« traces along fractures Molybdenite 0.03%»										143.30	146.30	3.00	E793584	0.050	158.0	28.00
		137.6 - 164.6										146.30	149.40	3.10	E793585	0.020	144.0	13.00
		Broken, rubbly core. Dark grey fine-grained to medium-grained grained diorite(?).										149.40	152.40	3.00	E793586	0.010	108.0	14.00
		Variable phenocryst content of biotite and feldspar, altered by chlorite, magnetite, silica, epidote and calcite. Some intervals appear to be the younger andesite dykes. Weak pyrite mineraliation occurs sporadically. Within these weakly altered intrusions are strongly altered intervals 50 - 75 cm thick consisting of medium-grained grey pyritized rock that look similar to the JBa4 above - possibly because of faulting or some of the intrusions are strongly altered and mineralized.										152.40	155.40	3.00	E793588	0.010	87.0	3.00
		« 137.60- 164.60 Chlorite 3.00»« Silicification 2.00»« Magnetite 1.50»« Calcite 1.50»« Epidote 1.00»										155.40	158.50	3.10	E793589	0.150	354.0	41.00
												158.50	164.60	6.10	E793590	0.050	70.0	15.00

Project: Hushamu05

Hole Number: EC-240

From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mpasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
		« very selective to clay altered zones Pyrite 2.00%»	0	4	0	4	0	4	0	10	0	3	0	3	0.5	100			
164.60	164.60	EOH																	

# Drill Log Legend

-  **ANDS**  
Andesite dyke
-  **CASN**
-  **EOH**
-  **FLTZ**

-  **JBa4**
-  **Jl**
-  **Jl1**
-  **bedding**
-  **fault**

-  **fault beccia**
-  **fault breccia**
-  **fault gouge**
-  **vein**
-  **veinlet**



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 190.0
<b>Hole</b> EC-241	<b>Azimuth (°):</b> 360
<b>Location:</b> 5619617 m North 570588 m East	<b>Dip (°):</b> -90.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 97.50
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/20	<b>Date Completed:</b> 2007/03/23
<b>Dip Tests By:</b> no survey	
<b>Objective</b> Test Cougar Zone.	

**Summary Log:**

0.00 - 54.90 CASING

54.90 - 79.20 PYROPHYLLITE-DICKITE-CLAYS (JBa4): fine-grained intergrown clays with fine-grained disseminated and fracture filling pyrite. Locally contains light blue dumortierite alteration and variably oriented quartz veins to 5 mm thick. Cut by 2 m wide fine-grained diorite dyke.

79.20 - 97.50 PYROPHYLLITE-DICKITE-CLAY-SILICA (JBa3): Patchy amoeboidal silica alteration mixed with clay alteration. Pyrite clots replace clay alteration with overall abundance of 7-10%.

97.50 E.O.H.

Project: Hushamu05

Hole Number: EC-241

From	To	Rocktype & Description	Si	Al	Ca	Mg	Fe	Mn	K	P	Na	Loss	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm																																	
0.00	54.90	CASN	0	4	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100																																		

Project: Hushamu05

Hole Number: EC-241

From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
54.90	70.40	JBa4									55.30	57.90	2.60	E793591	0.010	4.0	2.00
		Medium grey to brownish-grey overall appearance. Composed of intergrown to patchy clays ranging from brownish, pale green, and translucent to bluish-grey. Minor dark grey quartz veins 1-3 mm wide, frequency of ~1 per metre at various angles to the core axis.									57.90	61.00	3.10	E793592	0.010	5.0	2.00
		Spotty pyrite replacement of clays, fine-grained grained disseminations and fracture coatings. Locally occurring finely disseminated, submetallic, dark grey flakes, possibly manganese oxides?									61.00	64.00	3.00	E793593	0.020	8.0	1.00
		64.9 vibrant purple, patchy alteration mineral across across a 1 x 1.5 cm area - DUMORTIERITE? Also occurring close to this are very finely disseminated flakes of a silver-grey metallic mineral.									64.00	67.10	3.10	E793594	0.030	14.0	12.00
		« 60.20- 62.30 clay gouge w/ cubic pyrite Fault Gouge 5.00-30.00%»									67.10	70.40	3.30	E793595	0.040	49.0	4.00
		« 66.80- 68.50 clay gouge w/ cubic pyrite Fault Gouge »															
		« 69.30- 70.40 clay gouge w/ cubic pyrite Fault Gouge »															
		« dominantly pyrophyllite + dickite? Clay 3.50%« minor veins Quartz 0.50% 1.00-3.00cm»< @ 64.90 patchy alteration Dumortierite >« pervasive patchiness Pyrite 5.00-7.00%»															
70.40	72.30	ANDS									70.40	72.30	1.90	E793596	0.010	47.0	-1.00
		< @ 70.40 chilled margin Upper Contact >															



Project: Hushamu05								Hole Number: EC-241									
From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		Dark greenish-grey, fine-grained andesite dyke. Contains fine-grained feldspar lathes less than 1 mm in length, some of which are altered by a pink mineral (clay?). Also with pervasive chlorite alteration and elongate amygdules up to 4 mm long.															
		« pervasive alteration + amygdules Chlorite 3.00»															
72.30	97.50	JBa4															
		Highly fractured, rubbly core with low recovery.															
		Strongly clay altered, similar to the unit above the dyke.															
		« 72.30- 79.20 strongly clay altered Clay 3.50»« Pyrite 5.00-7.00%»															
		< @ 76.80 gouge foliation Fault Gouge 50.00° 10.00cm >															
		Below 79.2 moderate patchy silica alteration becomes mixed with the clays forming various spotted to amoeboidal patterns. Greater pyrite mineralization as patchy replacement and fracture coatings. Overall bluish-grey colour hints at molybdenite mineralization but none was observed.															
		« 79.30- 97.50 strongly clay altered Clay 3.00»« patchy alteration Silicification 2.00» « Pyrite 7.00-10.00%»															
		« 94.50- 97.50 clay and mm size fragments Fault Gouge »															
97.50	97.50	EOH															

# Drill Log Legend



**ANDS**



**CASN**



**EOH**



**JBa4**



**bedding**



**fault**



**fault beccia**



**fault breccia**



**fault gouge**



**vein**



**veinlet**



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 231.0
<b>Hole</b> EC-242	<b>Azimuth (°):</b> 90.0
<b>Location:</b> 5619617 m North 570588 m East	<b>Dip (°):</b> -80.0
<b>Logged by:</b> P.Chadwick	<b>Length (m):</b> 407.20
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/23	<b>Date Completed:</b> 2007/03/30
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test north Cougar Zone.	

### Summary Log:

0.00 - 61.00 CASING  
 61.00 - 147.70 CLAY-PYRITE (JBa4) Dominantly grey clay with 5-10% pyrite and trace dumortierite. Numerous fault slips. More competent and zeolite stringered from 129.8 to 147.7m.  
 147.70 - 196.10 SERICITE-CHLORITE-CLAY (JBa6) Grey clay altered, moderate to strongly fractured, faulted. 4-7% pyrite  
 147.7-188.50, weak pyrite 188.5 to 196.1  
 196.10 - 204.20 SERICITE-CHLORITE (JBa6) Green-grey chlorite altered with minor magnetite as stringers  
 204.20 - 272.40 SILICA-CHLORITE-MAGNETITE (JBa5) Patchy silica, chlorite magnetite altered. Trace chalcopyrite, molybdenite, pyrite  
 272.40 - 278.60 DIORITE (JI1) Green, medium grained feldspar and biotite phenocrysts. Weakly chlorite altered,  
 278.60 - 299.10 SILICA-CHLORITE-MAGNETITE (JBa5) Patchy silica, chlorite, magnetite altered. Trace chalcopyrite, pyrite  
 299.10 - 307.10 CHLORITE-EPIDOTE-PYRITE (JBa6): Fault zone. Brecciated, clay altered.  
 307.10 - 313.90 QUARTZ-FELDSPAR PORPHYRY (JI2) Pervasive, weak chlorite sericite altered  
 313.90 - 327.60 CLAY (JBa4): Fault zone, with andesite dyke (316.70-323.20).  
 327.60 - 369.50 DIORITE (JI1): Biotitic. Weakly chlorite altered.  
 369.50 - 407.20 SILICA-CHLORITE-PYRITE (JBa5) Light grey, silica altered. Pyrite, 3-7%  
 407.20 E.O.H.



## DRILL LOG

Project: Hushamu

Hole ID: EC-242

*Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-80.00	90.00
96.00	-79.50	80.20
197.00	-80.10	83.60
298.00	-81.00	86.90
399.00	-81.30	88.20

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	SI	Clays	SI	Mps	py	Sp	mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
0.00	61.00	CASN	0	4	0	4	0	4	0	4	0	3	0	3	0.5	100			
Overburden. Clay, with altered volcanics and QFPO boulders.																			

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	magusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
			0	4	4	4	4	10	3	3							
61.00	129.80	JBa4									61.00	67.10	6.10	E799192	0.010	108.0	-1.00
		Grey, clay and pyrite altered volcanics with silicified patches at top of interval. Clay occurs as both a pervasive softening of rock and as very soft, white clots and speckles (selectively pervasive). Lesser pale purple (dumortierite?) soft clay is seen as rare patches. Pyrite is fine-grained grained to cubic, as disseminations and clotty aggregates, often w/in white clay spots. Core is very rubblely until 128m - fracture envelope in hanging wall of fault? Oxidized on fractures to approx. 74m. Non-magnetic. Fault at 128, with shattered rock above and fault breccia below, with clay altered (silica ?) veins approximately 80 TCA, but unsure of orientation of fault.									67.10	70.10	3.00	E799193	0.010	37.0	-1.00
											67.10	70.10	3.00	E799193	0.000	0.0	0.00
											70.10	70.10	0.00	E799194	0.010	30.0	-1.00
											70.10	73.20	3.10	E799195	0.010	30.0	-1.00
											73.20	76.30	3.10	E799196	0.010	20.0	-1.00
											76.30	79.30	3.00	E799197	0.020	24.0	1.00
											79.30	82.30	3.00	E799198	0.020	20.0	6.00
											82.30	85.30	3.00	E799199	0.010	6.0	-1.00
											85.30	88.40	3.10	E799200	0.010	3.0	1.00
											88.40	91.50	3.10	E799201	0.010	1.0	1.00
											91.50	94.40	2.90	E799202	0.010	4.0	2.00
											94.40	97.50	3.10	E799203	0.010	11.0	-1.00
											97.30	100.60	3.30	E799204	0.010	9.0	-1.00
											100.60	103.60	3.00	E799205	0.010	7.0	-1.00
											103.60	106.70	3.10	E799206	-0.010	5.0	-1.00
											106.70	109.70	3.00	E799207	0.010	7.0	-1.00

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	blgys	bl	hrs	bl	sp	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
< @ 125.00	grey clay Fault Gouge 4.00c										109.70	112.80	3.10	E799208	0.010	5.0	-1.00
< @ 127.20	grey clay Fault Gouge 15.00cm >										112.80	115.80	3.00	E799209	-0.010	3.0	1.00
« 128.00- 129.80	protocataclasite, rounded clasts in a poorly developed rock flour mtz fl										115.80	118.90	3.10	E799210	0.010	12.0	6.00
< @ 120.00	grey clay Fault Gouge 4.0										118.90	121.90	3.00	E799211	0.010	3.0	3.00
											121.90	121.90	0.00	E799212	0.010	2.0	2.00
											121.90	125.00	3.10	E799213	-0.010	2.0	2.00
											125.00	128.00	3.00	E799214	0.010	5.0	2.00
											128.00	131.10	3.10	E799215	0.010	7.0	3.00

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mpg	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
129.80	147.70	JBa4									131.10	134.10	3.00	E799216	0.010	2.0	2.00		
<p>Grey, pervasively clay altered volcanics with abundant pyrite and veining. Clay is white, soft, and occurs as both a pervasive softening of the rock and fine-grained white speckles throughout. Pyrite is variably but consistently present as vfg to cubic disseminations and rare clots or veinlets, 5-8 %. White zeolite veining is strong throughout, commonly 50-80 TCA , 0.1 to 1cm, planar to irregular. Rock is competent., and core is mostly intact., with several small shear/fault zones throughout. Rare light green very soft clay - sericite?, commonly in zeolite? veins.</p> <p>« vfg/fg diss and lesser clots/vnts Pyrite 5.00-8.00%»                      « perv, fine-grained white speckles, soft Clay 3.00»                      « veins, vnts, stringers of white zeolite Zeolite 2.00 0.10-1.00                      « 135.50- 136.20 rounded clasts in a rock flour matrix, poorly developed Fault Breccia »                      &lt; @ 138.60 25 to CA zeolite Vein 4.00                      138.70- 139.20 poorly developed Fault bx, strgly tect'd Fault Breccia »                      &lt; @ 139.60 clay altered quartz vein, 25 TCA Vein 20.00cm &gt;&lt;                      @ 142.60 grey Fault Gouge -2.00c                      &lt; @ 144.40 grey, 25 TCA shear Fault Gouge 8.00cm &gt;                      &lt; @ 145.00 grey Fault Gouge 10.00cm &gt;</p>											134.10	137.20	3.10	E799217	0.010	3.0	2.00		
			137.20	140.20									137.20	140.20	3.00	E799218	0.010	3.0	3.00
			140.20	143.30									140.20	143.30	3.10	E799219	0.010	9.0	1.00
			143.30	146.30									143.30	146.30	3.00	E799220	0.020	35.0	3.00
			146.30	149.40									146.30	149.40	3.10	E799221	0.010	19.0	6.00
147.70	188.50	JBa6									149.40	152.40	3.00	E799222	0.020	18.0	44.00		
<p>Grey, strongly clay altered and pyritic volcanics. As above, but with a significant amount of dark green very soft, waxy chlorite (+sericite?). Locally mottled, with rounded clots of green chlorite (+sericite?) to 2 cm, often with pyrite clumps within the clots, creating a leopard print look over</p>											152.40	155.40	3.00	E799223	0.020	100.0	-1.00		
			152.40	155.40								152.40	155.40	3.00	E799224	0.010	48.0	2.00	
			155.40	158.50									155.40	158.50	3.10	E799225	0.030	163.0	7.00
			158.50	161.50									158.50	161.50	3.00	E799226	0.010	90.0	-1.00
			161.50	164.60									161.50	164.60	3.10	E799226	0.010	90.0	-1.00



Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	clays	cl	ms	py	sp	mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
164.60	167.60	foot scale intervals. Clay is pervasive, softening rock, and as fine-grained white speckles throughout. Pyrite occurs as fg disseminations and clotty aggregates, 4-7%, and lesser fine-grained veinlets or in white veins. Weak veining throughout .1-1cm, of white zeolite. Several small gauge rich shear over interval, commonly 10-20 cm, and the soft rock is often tectonized/crumblly/indurant.									164.60	167.60	3.00	E799227	0.020	53.0	5.00
167.60	170.70	From 167.5-170.5, fine-grained stringers of dark purple hematite are seen.									167.60	170.70	3.10	E799228	0.030	108.0	-1.00
170.70	173.70										170.70	173.70	3.00	E799229	0.020	38.0	1.00
173.70	176.80										173.70	176.80	3.10	E799230	0.010	90.0	3.00
176.80	179.80										176.80	179.80	3.00	E799231	0.010	19.0	1.00
179.80	179.80										179.80	179.80	0.00	E799232			
179.80	182.90										179.80	182.90	3.10	E799233	0.010	92.0	6.00
182.90	185.90										182.90	185.90	3.00	E799234	0.020	329.0	2.00
		< @ 149.30 grey, gauge rich, 30 TCA Fault Gouge 20.00cm >															
		< @ 153.70 grey-green Fault Gouge 10.00cm															
		« perv, bleached to white, speckled Chlorite 3.00»															
		« soft, waxy green, mottled to clotty Chlorite 1.50-3.00»															
		« fg diss to clotty, assc w/ clays Pyrite 4.00-7.0															
		< @ 161.70 clay rich shear Fault Gouge 10.00cm >															
		< @ 162.70 clay rich shear, 10 TCA Fault Gouge 10.00cm >															
		< @ 165.90 30 TCA shear Fault Gouge -5.00cm >															
		< @ 172.30 45 TCA white zeolite 10cm Vein >															
		« 183.00- 185.00 trace, trace Chalcopyrite »															
		< @ 186.00 20 TCA white zeolite Vein -200.00cm >															
		PIMA Sample:															
		EC242_188.0m															
		results: smectite, chlorite (Mg-Fe)															
188.50	196.10	JBa6									188.50	196.10					
189.00	192.00	Grey-green, mottled, intensely clay-chlorite +/- sericite altered volcanics. Tectonized/fractured over entire interval. Similar to above, but only minor pyrite, as fg to cubic fracture fill, and minor clots in chlorite blotches. Mottled texture is due to soft waxy green chlorite blotches in a light grey									189.00	192.00	3.00	E799236	0.010	53.0	26.00
192.00	195.10										192.00	195.10	3.10	E799237	0.010	54.0	9.00

Project: Hushamu05		Hole Number: EC-242																
From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		bleached, strongly clay altered rock. Trace epidote. Minor clay altered veinlets to .5cm.																
		<dark green waxy mottles Chlorite 2.50> « fg to cubic fct fill, clots associated with chlorite Pyrite 0.50-1.00%» « 192.00- 196.10 Epidote clots assc w/ chlorite. Epidote 10.0 <188.50- 196.10 perv bleaching/softening Chlorite 3.00 t																
196.10	204.20	JBa6									195	195.10	198.10	3.00	E799238	0.010	87.0	22.00
		Grey-green, chlorite altered rock with weakening clay alteration patchy, weak silicification and chloritization. Magnetite starts to come in, as fine-grained stringers and lesser clots. Minor pyrite on fcts and in rare clots. Weak epidote alteration, as rare clots associated with pyrite and chlorite. Transition between JBa4 and JBa5 - overprinting of JBa4 over JBa5? Irregular calc and calc-clay (originally silicate-carb?) vnts to 1cm. At 201, drusy quartz lines open vugs.										198.10	201.20	3.10	E799239	0.020	203.0	15.00
		« patchy, weak silicification Silicification 0.50-1.00» « rare fct fill/vnts and clots Pyrite 0.20-0.50%» « patchy, pervasive, weak Chlorite 0.50» « waxy dark green soft chlorite mottling Chlorite 1.50-2.50» « stringers and clots Magnetite 0.50» « 201.60- 203.90 well healed, clay altered silicate bx Fault Fault Breccia » < @ 204.00 80 to CA with pyrite Vein 10.00cm >									200	201.20	204.20	3.00	E799240	0.040	449.0	43.00
		PIMA Sample:  EC242_200.4m  results: chlorite (Mg-Fe), ?possible epidote/carbonate, illite (Al-poor/?phengitic)																
204.20	272.40	JBa5									205	204.20	207.30	3.10	E799241	0.060	528.0	29.00
		Dark Green, silica-chlorite-magnetite altered volcanics with weak, patchy pyrite and qtz and/or calc vning. Silica flooding is moderate but patchy, chlorite is pervasive but variable in intensity over interval. Dark green, soft, waxy chlorite clots is abundant throughout, commonly in a blotchy pattern creating a mottled look to the core. Pyrite is seen coating fcts, as									205	207.30	210.30	3.00	E799242	0.050	556.0	26.00
												210.30	213.40	3.10	E799243	0.070	1000.0	36.00
												213.40	213.40	0.00	E799244			
												213.40	216.40	3.00	E799245	0.100	1290.0	64.00
												216.40	219.50	3.10	E799246	0.080	1290.0	62.00

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mp/bsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
219.50	222.50	pyrite-calcite vnts (to 1cm), and as fg diss over foot scale intervals. Vein and fct fill calc, clay altered qtz (?) veinlets, and later quartz veins all occur on the .1 to 1cm scale. Thicker quartz and qtz-calc veins to 10 cm occur in small shear zones, with smeared textures and irregular boundaries - cases looking as silica healed fault breccia. Magnetite increases with depth, as stringers, vfg disseminations and clots to 5cm. Trace cpy, and trace Molybdenite (in quartz veins w/ py). Minor Epidote clots.									219.50	222.50	3.00	E799247	0.070	921.0	40.00
222.50	225.60	From 216.7 to 219.4, planar but irregular and discontinuous banding of lighter and darker green rock (due to degree of chloritization?) is seen. Texturally is appears to be variation in silicification, but both colours are of equal hardness. Strange. Looks to be a product of altn rather than primary lithology									222.50	225.60	3.10	E799248	0.120	1470.0	78.00
225.60	228.60	« pervasive Chlorite 2.00-3.00»									225.60	228.60	3.00	E799249	0.080	1110.0	52.00
228.60	231.60	« patchy diss and rare stringers Pyrite 0.50%»									228.60	231.60	3.00	E799250	0.090	1050.0	44.00
231.60	234.70	« diss, stringers, clots. increases with depth Magnetite »									231.60	234.70	3.10	E799251	0.110	1220.0	54.00
234.70	237.70	«204.2-240 flooding, veining in shear zones Silicification 1.00-2.00»									234.70	237.70	3.00	E799252	0.070	1360.0	89.00
237.70	240.80	« waxy dk green chlorite Chlorite 2.50-3.50»									237.70	240.80	3.10	E799253	0.120	1880.0	168.00
240.80	243.80	« 207.40- 208.70 anastomosing, calc+qtz, pink carb Vein 5.00° 3.00-5.00mm» <									240.80	243.80	3.00	E799254	0.190	2290.0	163.00
243.80	246.90	@ 208.70 grey-green clay 30 TCA Fault Gouge 7.00cm >									243.80	246.90	3.10	E799255	0.100	1690.0	155.00
246.90	249.90	« 204.20- 272.4 trace trace Chalcopyrite »									246.90	249.90	3.00	E799256	0.120	1900.0	148.00
249.90	253.00	« 214.20- 218.00 minor clots Epidote 0.5>									249.90	253.00	3.10	E799257	0.170	1670.0	111.00
253.00	256.00	« 211.00- 214.00 stg calc-alt'd qtz vns, tec'd									253.00	256.00	3.00	E799258	0.240	1780.0	130.00
256.00	259.10	« trace trace Molybdenite »									256.00	259.10	3.10	E799259	0.300	1760.0	141.00
259.10	262.10	« 222.10- 222.40 calc cemented, alt'd sil'd clasts. Fault Breccia 40.00°»									259.10	262.10	3.00	E799260	0.250	1950.0	88.00
262.10	265.20	« 225.40- 225.50 qtz-calc bxing vn in shear Fault Breccia									262.10	265.20	3.10	E799261	0.180	1840.0	77.00
265.20	268.20	« 227.70- 231.70 small clots, fct fill, assc w/ py-mg Epidote 1.00»									265.20	268.20	3.00	E799262	0.190	2030.0	83.00
268.20	271.30	236.30- 236.60 ep-mag-py clots to 3cm Epidote 1.00»									268.20	271.30	3.10	E799263	0.190	1480.0	47.00
		< @ 235.70 smeared qtz-calc-pink carb-py-chl vn in shear zone Vein 30.00° 40.00cm															
		< @ 239.90 smeared, planar, calcite-clay Vein 30.00° 9.00cm >															
		« 240.00- 252.00 interval of only minor silica flooding Silicification 0.50»															
		« 252.00- 272.4 flooding, qtz vnts to 2cm, irregular Silicification 1.00-2.00»															
		« 257.60- 260.50 small clots and discontinuous vnts Epidote 0.50»															
		« 262.50- 272.4 clots and discontinuous vns Epidote 0.50»															
		« 262.50- 267.00 thin Zeolite and ze-qtz vnts Zeolite 30.00-50.00 TCA 0.10-0.70mm»															

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	sf	plgys	bt	hbs	py	ep	mp	mpasbc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		PIMA Sample:															
		EC242_221.0m															
		results: sericite (Al-poor/?phengitic), chlorite (Mg-Fe), ?possible epidote															
		EC242_240.6m															
		results: probable carbonate (calcite) ?chlorite															
		EC242_261.7m															
		results: ?possible amphibole, chlorite, ?possible illite, carbonate															
271.30	274.30										271.30	274.30	3.00	E799264	0.020	256.0	13.00
274.30	277.40	DIOR									274.30	277.40	3.10	E799265	-0.010	69.0	-1.00
277.40	278.60	Green, medium-grained, weakly altered diorite. White feldspar phenocrysts to .7mm, 5-12% fg biotite stacks to 4mm, minor hornblende. Fine qtz vnts/stringers to .8cm, and pink-grey carbonate veins to 1.5cm. Minor qtz-chlorite veins to 1cm, with a weak, bleached alteration halo, making the feldspar phenos stand out more prominently. Minor pyrite, vfg and disseminated.									277.40	278.60	1.20	E799266	-0.010	66.0	1.00
		« pervasive Chlorite 1.50»															
		« pervasive flooding and fine-grained vnts Silicification 1.00»															
		« vfg disseminated Pyrite 0.50%»															
		« Biotite 1.00 0.10-0.70cm»															
		« pink-grey vns Calcite 0.50-1.50»															
		< @ 272.40 sharp intrusive upper Contact 75.00° >															
278.60	299.10	JBa5									278.60	280.40	1.80	E799267	0.080	1600.0	34.00
280.40	280.40	Green, pervasive silica-chlorite-magnetite altered volcanics, with patchy									280.40	280.40	0.00	E799268			

Project: Hushamu05

Hole Number: EC-242

From	To	Rocktype & Description	bl	blgys	bl	hrs	py	Sp	mp	mp/bsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		(overprinting?), less intense epidote-pyrite-hematite alteration and qtz/calc/zeo veining. Alteration mineralogy in fairly consistent over interval, but texture can be quite variable, suggesting alteration overprints of different lithologies or primary textures within a lithological unit. From 278.6-282.4, alteration is pervasive: silica flooded, vfg disseminated/stringer/clotty magnetite, chloritized, with irregular qtz and lesser calcite vnts at variables angles. From 282.4-292.6, epidote - as clots, discontinuous vnts and fct fill - picks up, and fine-grained zeolite +/- calc/qtz, commonly 30 TCA, 0.3-1.2cm occur. Pyrite occurs over the same interval as 5-10cm patches of fg to cubic disseminated py. Grey-white qtz vns to 2cm and milky white irregular qtz veinlets. Rare hematite staining - orange to pink - is rare, but strongest from 286.8-289.1. A 10 cm clot of soft waxy green chlorite + pyrite at 289.6. From 290.4 to 291.8, strong epidote 'spotsand weak hematite staining creates a distinctive texture to the unit. Waxy green chlorite increases below 292.6.																
		« 292.80- 292.90 wkly brecciated in shear, w/ py+qtz. Fault Breccia 40.00° »																
		< @ 294.60 Pyrite (15%)-clay-qtz, irregular Vein 70.00-80.00° 5mm >																
		< @ 295.90 Pyrite (18%)-qtz-clay, irregular Vein 50.00-70.00° 10.00 »																
		« 278.60- 299.10 flooded + grey vein to 2 cm + white stringers Silicification 2.00-3.00 »																
		« vfg disseminations, clots, stringers. Magnetite 1.50-2.50 »																
		« pervasive Chlorite 2.00 »																
		« patches of fg to cubic disseminated Pyrite 0.50-1.50 »																
		« 282.60- 292.60 clots, fracture fill, discontinuous vnts Epidote 2.0 »																
		« veinlets, irregular veins, with calcite,quartz, zeolite 15.00-30.00° 0.20-2.00c »																
		« 286.80- 289.10 organge staining Hematite 0.5 »																
		« 290.40- 291.80 selectively pervasive spots Epidote 2.0 »																
		« 278.60- 292.60 soft waxy dk green Chlorite 0.50-1.50 »																
		« 292.60- 299.1 soft waxy dk green Chlorite 2.50-3.50 »																
		« 292.80- 299.1 fct fill, small clots Epidote 0.50 »																
		< @ 299.60 Pyrite (12%)-qtz-clay, gradational contact Vein 70.00° 40.00cm >																
		« 299.10- 299.1 green soft waxy Chlorite 3.50-4.00 »																
		« trace trace Chalcopyrite »																
		PIMA Sample:																
		EC242_285.4m																

From	To	Rocktype & Description	Cl	Chys	Cz	Hrs	Py	Ep	Hr	Hrps	Au ppm	Cu ppm	Mo ppm
		results: ?carbonate (calcite), smectite											
299.10	307.10	JBa6											
<p>Fault zone. Well healed, coherent, fault breccias and intensely fractured and veined rock. Intense chlorite (+/- epidote, pyrite) alteration, with large patches of dark green, soft, waxy pervasive alteration alternating with intense grey silica-clay-pyrite alteration. Primary porphyritic texture visible in zones of weaker alteration, where waxy green chlorite has selectively altered the feldspar phenos. Overall orientation of the fault is likely 60-80 TCA.</p> <p>« 301.50- 302.10 protocataclastic. poorly developed rock flour matrix, rounded clasts. Fault Breccia 80.00°»</p> <p>« 302.40- 304.20 protocataclastic. silica, rock flour and gauge matrix Fault Breccia »</p> <p>&lt; @ 300.60 green-grey pyritic Fault Gouge 4.00cm &gt;</p> <p>&lt; @ 301.90 grey clay w/ rock frags Fault Gouge 70.00°-25.00cm &gt;</p> <p>&lt; @ 306.90 grey, pyritic Fault Gouge 70.00° 5.00cm &gt;</p> <p>« 299.10- 307.10 perv/sei perv green waxy chlorite Chlorite 3.00-4.00»</p> <p>« smeared/bxing vns/fct fill Quartz »</p> <p>« fg diss and vnts Pyrite 8.00%»</p> <p>« assc w/ intense, pervasive chlorite altn Epidote 0.50»</p> <p>PIMA Sample:</p> <p>EC242_300.4m</p> <p>results: illite, weak chlorite</p>													
307.10	313.90	QFPO											
<p>Altered quartz feldspar porphyry, fault bounded, with approx. 70 TCA upper contact and 45 TCA lower contact Felspars are selectively altered to green waxy chlorite, sericite or grey silica, with quartz eyes altering to grey silica. Silicification is variable weak to moderate throughout, with pervasive green chlorite (+ sericite?) alteration and patchy, clotty epidote alteration of groundmass. Fine white quartz veinlets fct rock adjacent to contacts, with thicker (to 2cm) grey quartz veins throughout. From 309.9 to 313.9, fg disseminated pyrite to 3 %. Slickenslides common on fractures and weak fault</p>													

From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
298.70	301.80	3.10	E799275	0.180	1180.0	12.00
301.80	304.80	3.00	E799276	0.080	599.0	18.00
304.80	307.10	2.30	E799277	0.080	843.0	17.00
307.10	307.80	0.70	E799278	0.020	534.0	13.00
307.80	310.90	3.10	E799279	0.020	557.0	18.00
307.80	310.90	3.10	E799280	0.010	519.0	18.00
310.90	313.90	3.00	E799281	0.010	272.0	16.00

Project: Hushamu05												Hole Number: EC-242								
From	To	Rocktype	& Description	bl	blgys	bl	hps	py	Ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
			gauge/brecciation is present near contacts.																	
			« flooding Silicification 1.00-2.00»																	
			« fine-grained white qtz vnts and thicker grey veins Quartz 0.20-2.00»																	
			« soft green waxy - perv to sel perv Chlorite »																	
			« clotty, altering groundmass Epidote 0.50-1.00»																	
			« 309.90- 313.90 fg/vfg disseminated Pyrite 2.00-3.00%»																	
			< @ 308.00 grey Fault Gouge 45.00° 4.00cm >																	
313.90	316.70	JBa4										313.90	316.70	2.80	E799282	0.030	294.0	35.00		
			Fault Zone. Soft, brecciated and smeared, strongly clay altered and weakly pyritic. 30 to 50 TCA . Small green vfg dyklet from 313.9-314.1, 45 TCA upper and lower contacts. Carbonaceous.																	
			« soft, light to dark clay, perv Clay 3.00-4.00»																	
			« 314.30- 315.00 indurant. Gypsum gauge mtx Fault Breccia »																	
			< @ 314.70 dark grey clay Fault Gouge 45.00° 3.00cm >																	
316.70	323.20	ANDS										316.70	320.00	3.30	E799283	0.030	38.0	1.00		
			Weakly altered fine-grained grained Intrusive - fault bounded, approx 35 TCA lower contact and rubblely upper contact. Thin, irregular to anastomosing quartz veinlets (2-8mm) occur throughout interval following a strong 60-80 TCA orientation. Lesser calcite veins, 1-2cm. Minor pyrite, as vfg disseminations, to 1%. Non magnetic. Not silicified. Minor epidote clots and fct fill, and weak chlorite+/-sericite altn of mafics.									320.00	323.20	3.20	E799284	0.010	41.0	1.00		
			« sheeted vnts Quartz 60.00-80.00° 2.00-8.00mm»																	
			« vfg diss Pyrite 0.50%»																	
			PIMA Sample:																	
			EC242_316.8																	
			results: ?silica, weak smecite, probable carbonate																	
323.20	327.60	JBa4										323.20	324.50	1.30	E799285	0.010	29.0	1.00		
			Fault Zone, approx 40 TCA. Tan-pink-grey stained, clay altered, with vfg disseminated pyrite - 2-3%. Coherent to indurant when fault gauge present. Thin calc vnts in fcts.									324.50	326.10	1.60	E799286	0.010	57.0	-1.00		
			< @ 323.50 brown-grey Fault Gouge 30.00° 7.00cm >																	
			< @ 327.50 grey w/ rock chips Fault Gouge 50.00° 4.00cm >																	

Project: Hushamu05			Hole Number: EC-242															
From	To	Rocktype & Description	bl	blgys	bl	hrs	py	cp	mp	mpgssc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
327.60	369.50	DIOR									326.10	329.20	3.10	E799287	0.010	59.0	-1.00	
		<p>Green to grey-grn, weakly altered, chloritic fg intrusive. 1-4% vfg disseminated pyrite. Fine 2-8mm biotite flakes and stacks. (primary). Patchy chlorite+/-sericite alteration, noted by a dark green colouration and softening of the rock. Irregular fct fill and veing, white calc, pink carb and white qtz, .1-2 cms, at highly variables angles TCA. Minor silicification over foot scale patches, commonly weakly bleached to a lighter grey-green. Vfg to aphanitic at chill margins of intrusive. Upper contact is fault bounded. Lower contact is wavy/irregular, approx 25 TCA</p> <p>« patchy, dark green Chlorite 1.00»            « vfg disseminated Pyrite 1.00-2.00%»            « pervasive Chlorite 2.00»            « rare patches Silicification 1.00»            &lt; @ 354.60 smeared qtz vn in shear zone Shear Plane 30.00° 18.00cm &gt;            « irreg vns/vnts/fct fill Quartz 0.10-2.00cm»            « wht to pk vnts/vns/fctfill Calcite 0.30-1.50»</p> <p>PIMA Sample: EC242_332.3m results: ?weak carbonate, silica</p>																
												329.20	332.20	3.00	E799288	0.010	58.0	-1.00
												332.20	335.30	3.10	E799289	-0.010	59.0	-1.00
												335.30	335.30	0.00	E799290			
												335.30	338.30	3.00	E799291	-0.010	59.0	-1.00
												338.30	341.40	3.10	E799292	0.010	56.0	-1.00
												341.40	344.40	3.00	E799293	-0.010	58.0	-1.00
												344.40	347.50	3.10	E799294	-0.010	64.0	1.00
												347.50	350.50	3.00	E799295	-0.010	52.0	-1.00
												350.50	353.60	3.10	E799296	-0.010	53.0	-1.00
												353.60	356.60	3.00	E799297	-0.010	52.0	-1.00
												356.60	359.70	3.10	E799298	-0.010	52.0	-1.00
												359.70	362.70	3.00	E799299	-0.010	52.0	-1.00
												362.70	365.80	3.10	E799300	0.010	59.0	-1.00
												365.80	369.50	3.70	E799301	-0.010	59.0	-1.00



Project: Hushamu05							Hole Number: EC-242											
From	To	Rocktype & Description	bl	blgys	bl	ms	py	Ep	mp	mpgssc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
369.50	407.20	JBa6																
369.50	371.90	<p>Medium to light grey, texturally homogenous, silicified and pyritic. Variably chloritic (in upper interval below diorite dyke), sericitic and hematite stained. Locally, primary (?) textures seen through alteration, as .5-1cm rounded features - possibly a coarser tuffaceous interval of accretionary lapilli? Pyrite is vfg disseminated, or coarser xstalline clots and discontinuous veinlets, 3-7%.From 370.5 to 385, white quartz vning/fct fill and thicker irregular/anast qtz-tan carb vns to 2cm - usually strongest in moderately fractured intervals. Rock is green grey, weakly chloritic in upper 8 meters, due to weak chloritization halo adjacent to dyke. A dull brown to orange-brown colouration occurs in unit near bottom of interval - likely vfg biotite alteration? Lower in interval, lineations along 35 TCA occur, both in parallel alignment of concentrated fg pyrite disseminations and in weak laminations in rock seen due to slight variations in colour. Perhaps primary bedding seen through alteration?</p> <p>« vfg diss and minor xstalline clots Pyrite 3.00-7.00%»            « perv flooding Silicification 2.00»            « 370.00- 385.00 fct fill and irregular vnts Quartz 0.10-1.50cm»            « 370.00- 378.00 pervasive Chlorite 1.00»            &lt; @ 384.80 Gypsum clay w/ rock frags Fault Gouge 30.00° 4.00cm            « 385.00- 386.20 organge-brown blotches Biotite »            « 388.20- 389.10 brown-org stain/blotches Biotite »            &lt; @ 389.20 Gypsum clay w/ rock frags Fault Gouge 2.00° 7.00cm &gt;            &lt; @ 393.40 qtz-clay smeared vein Shear Plane 20.00° 4.00 &gt;            « 389.20- 389.50 weak brown-org stain Hematite »            « 397.10- 402.00 patchy, faint brown-org stain Hematite 10.00-20.00cm»            &lt; @ 405.90 grey-green clay Fault Gouge 30.00° 5.00cm &gt;            « 405.20- 405.70 grn waxy altn halo to shear cl»</p>										370	371.90	2.40	E799302	0.050	103.0	-1.00
371.90	374.90																	
374.90	378.00																	
378.00	378.00																	
378.00	381.00																	
381.00	384.00																	
384.00	387.10																	
387.10	390.10																	
390.10	393.10																	
393.10	396.20																	
396.20	399.20																	
399.20	402.30																	
402.30	405.40																	
405.40	407.20																	

Project: Hushamu05													Hole Number: EC-242							
From	To	Rocktype & Description	Sz	kg/ys	Sz	ms	py	Ep	mp	mp	mp	mp	mp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
407.20	407.20	EOH	10	4	4	4	4	10	3	3	0.5	100								

# Drill Log Legend



ANDS



CASN



DIOR



EOH



JBa4



JBa5



JBa6



QFPO



bedding



fault



fault beccia



fault breccia



fault gouge



vein



veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 185.0
<b>Hole</b> EC-243	<b>Azimuth (°):</b> 360
<b>Location:</b> 5618470 m North 570553 m East	<b>Dip (°):</b> -90.0
<b>Logged by:</b> J. Major	<b>Length (m):</b> 83.50
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouv	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/26	<b>Date Completed:</b> 2007/03/31
<b>Dip Tests By:</b> none	
<b>Objective</b> Test Cougar zone.	

### Summary Log:

0.0 - 83.5m OVERBURDEN: Abandoned without reaching bedrock.



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 206.0
<b>Hole</b> EC-244	<b>Azimuth (°):</b> 30.0
<b>Location:</b> 5619472 m North 570626 m East	<b>Dip (°):</b> -70.0
<b>Logged by:</b> R.Black/Paola C	<b>Length (m):</b> 420.60
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/03/30	<b>Date Completed:</b> 2007/04/08
<b>Dip Tests By:</b>	
<b>Objective</b> Test Cougar zone.	

### Summary Log:

0.0 - 58.10 CASING/OVERBURDEN  
 58.10 - 141.90 CLAY-PYRITE (JBa4) Light green-grey sericite-chlorite to pyrophyllite-sericite altered. Pyrite 3-7%  
 141.90 - 143.30 DIORITE (JI1) Dark green, fine to medium grained dickite and pyrophyllite altered.  
 143.30 - 173.00 CLAY-PYRITE (JBa4) Light green-grey clay altered. 3-7% pyrite  
 173.00 - 279.80 SERICITE-CHLORITE-CLAY (JBa6): Variably altered with chlorite, pyrophyllite and dickite. Trace chalcopyrite, 7-13% pyrite. Minor fluorite veining. Includes andesite dyke (222.50-230.55).  
 279.80 - 284.65 QUARTZ-FELDSPAR PORPHYRY (JI2): Silica-sericite alteration. White clay altered plagioclase phenos in grey matrix.  
 284.65 - 315.20 SERICITE-CHLORITE-CLAY (JBa6): Brecciation more common. Pyrite 5 %.  
 315.20 - 363.80 INTRUSIVE (JI): Chlorite-sericite altered + possible biotite? Alteration. Fluorite veining.  
 363.80 - 373.60 INTRUSIVE (JI): Feldspar phyric. Weak to no alteration  
 373.60 - 403.00 ANDESITE (JB1) Green-grey variably chlorite-clay altered. Weakly laminated. Pyrite 3-6%.  
 403.00 - 411.90 QUARTZ-FELDSPAR PORPHYRY (JI2) Green with magnetite, silica epidote alteration. Pyrite 3-4%  
 411.90 - 418.60 ANDESITE (JB1) Grey to brown chlorite to biotite altered. Pyrite 3-4%.  
 418.60 - 420.60 QUARTZ-FELDSPAR PORPHYRY (JI2) Green, chlorite-magnetite-silica-epidote altered.  
 420.60 E.O.H.



## DRILL LOG

Project: Hushamu

Hole ID: EC-244

*Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-70.00	30.00
134.00	-69.90	25.90
190.00	-71.00	26.90
250.00	-71.30	26.70
300.00	-71.50	27.50
350.00	-72.00	27.30
410.00	-72.30	29.00



Project: Hushamu05												Hole Number: EC-244					
From	To	Rocktype & Description	bl	blgys	cl	chs	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
57.90	58.10	OVBN															
58.10	141.90	JBa4									58.10	61.00	2.90	E793604	0.010	97.0	2.00
		Light greenish grey to grey, locally mottled grey and buff, very fine-grained, massive and intensely fractured. Composition generally goes from chlorite-sericite-clay to pyrophyllite sericite-clay downhole. Locally peppered with up to 2% very fine-grained black MnO(?) grains. Unit contains 3-7% fine- to medium-grained pyrite typically disseminated but locally as clots to 5 mm across, and in pyrite+gypsum veins. Trace disseminated chalcopyrite.									61.00	64.00	3.00	E793605	0.010	44.0	3.00
											64.00	70.10	6.10	E793606	-0.010	12.0	1.00
											70.10	73.20	3.10	E793607	0.010	59.0	1.00
											73.20	76.20	3.00	E793608	0.010	41.0	-1.00
											76.20	79.20	3.00	E793609	0.010	7.0	-1.00
											79.20	82.30	3.10	E793610	0.010	18.0	-1.00
											82.30	82.30	0.00	E793611			
											82.30	85.30	3.00	E793612	0.010	63.0	-1.00
											85.30	88.40	3.10	E793613	0.010	30.0	1.00
											88.40	91.40	3.00	E793614	0.010	185.0	-1.00
											91.40	94.50	3.10	E793615	0.010	107.0	-1.00
											94.50	97.50	3.00	E793616	0.040	124.0	3.00
											97.50	100.60	3.10	E793617	0.010	87.0	2.00
											100.60	103.60	3.00	E793618	0.010	47.0	-1.00
											103.60	106.70	3.10	E793619	0.010	26.0	-1.00
											106.70	109.70	3.00	E793620	0.010	109.0	6.00
											109.70	112.80	3.10	E793621	-0.010	11.0	2.00
											112.80	115.80	3.00	E793622	-0.010	11.0	-1.00



Project: Hushamu05				Hole Number: EC-244						
From	To	Rocktype & Description		From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
58.10	141.90	Light brown, beige to buff pervasive Pyrophyllite 2.00%»		115.80	118.90	3.10	E793623	0.010	147.0	1.00
		« pervasive Clay 3.00»		118.90	121.90	3.00	E793624	0.010	18.0	1.00
				121.90	128.00	6.10	E793625	0.010	89.0	-1.00
<b>STRUCTURE</b>				128.00	131.10	3.10	E793626	0.010	71.0	1.00
		« 93.90- 100.60 Fine- to medium-grained grained sericitic gouge Fault Gouge »		131.10	134.10	3.00	E793627	0.010	45.0	2.00
		< @ 128.40 Gypsum+pyrite veins to 5 mm thick first appearance Vein 40.00° 1.00-5.00mm >		134.10	137.20	3.10	E793628	0.010	64.0	1.00
		< @ 128.40 Gypsum vein typically without pyrite, first appearance Vein 70.00° 1.00-5.00mm >		137.20	140.20	3.00	E793629	0.010	30.0	-1.00
		« 134.40- 152.55 Medium to coarse-grained gouge and breccia, locally anealed by clays and sericite, locally foliated, with gypsum veins parallel to foliation Fault Breccia 80.00-90.00°»								
<b>MINERALIZATION</b>										
		« 58.10- 137.40 fine-medium grained, subhedral disseminated, clots and veins Pyrite 3.00-7.00%»								
		« 128.50- 128.70 disseminated, very trace Chalcopyrite								
		« 137.40- 139.60 medium-grained grained clots to 3 cm across within zone of annealed coarse-grained gouge Pyrite 3.00-20.00%»								
<b>PIMA Samples:</b>										
		EC244_71.2m								
		results: illite (weak Al-rich/paragonitic), weak chlorite illite, chlorite, kaolinite								
		EC244_139.4m								
		results: illite, kaolinite, gypsum								

Project: Hushamu05

Hole Number: EC-244

From	To	Rocktype & Description	bl	clgys	cl	ms	py	sp	mp	magasc:	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
141.90	143.30	J11															
		Dark green fine- to medium-grained diorite. A block contained within strongly altered and faulted country rock. Margins of the diorite are clay-sericite altered evident from pervasive light green to cream discoloration extending for 10 cm into upper margin. Diorite contains chlorite pseudomorphs of pyroxene phenocrysts and patchy orange zeolite alteration. Grain size appears to decrease towards upper margin adn there is a suggestion of a flow foliation from aligned pyroxene pseudomorphs near the upper margin. Weakly magnetic.															
		ALTERATION															
		« pervasive and replacing pyroxene(?) phenocrysts Chlorite 2.00»															
		« 141.90- 142.00 Pervasive alteration near the margin Sericite 1.00-2.00»															
											140.20	143.30	3.10	E793630	0.010	39.0	-1.00

Project: Hushamu05												Hole Number: EC-244											
From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm						
<b>MINERALIZATION</b>																							
« Trace, very fine-grained Pyrite 0.01-0.10%»																							
143.30	173.00	JBa4											143.30	149.40	6.10	E793631	0.020	7.0	1.00				
As described above. Intact sections of good recovery, which are rare display more abundant gypsum veining downhole. Relict or pseudo fragmental appearance locally.																	149.40	152.40	3.00	E793632	0.010	5.0	2.00
																	152.40	155.40	3.00	E793633	0.010	4.0	1.00
																	152.40	155.40	3.00	E793634	0.010	4.0	-1.00
																	155.40	158.50	3.10	E793635	-0.010	4.0	4.00
																	158.50	161.50	3.00	E793636	0.010	4.0	2.00
																	161.50	164.60	3.10	E793637	0.010	4.0	7.00
																	164.60	167.60	3.00	E793638	0.010	5.0	2.00
																	167.60	170.70	3.10	E793639	0.060	49.0	4.00
																	167.60	167.60	0.00	E793640			
<b>ALTERATION</b>																							
« 143.30- 173.00 pervasive Clay 3.00» « pervasive, mottled with other clays Dickite 2.00-3.00*» « pervasive, mottled to wispy Pyrophyllite 2.00-3.00*»« light silver grey color implies sericite particularly in extensive gouge zones Sericite 1.00-2.00»																							
« 155.10- 156.15 Patchy, possibly preferential alteration of relict clasts Chlorite 1.00»																							
<b>STRUCTURE</b>																							
« 156.15- 173.00 Entirely rubble and gouge, no orientation measurable																							
Fault Breccia 0°																							
< @ 155.60 White gypsum veins Vein 75.00° > < @ 143.30 translucent gypsum vein set orthogonal to the steeper set Vein 35.00° >																							
<b>MINERALIZATION</b>																							
« 143.30- 173.00 fine-grained euhedral, disseminated and locally within gypsum veins Pyrite 3.00-7.00%»																							
173.00	222.50	JBa6											170.70	173.70	3.00	E793641	0.010	301.0	31.00				
Highly variable appearance with mottled green, grey, light pinkish grey domains. Aphanitic to fine-grained, moderately hard implies presence of significant silica alteration relative to the very soft overlying clay dominated JBa4. Alteration assemblages inferred from color and hardness where grain sizes are not distinguishable. Chlorite-pyrophyllite-dickite-silica dominate upper portions of the unit cut by numerous gypsum and zeolite veins varying from mm to cm's thick. Alteration grades downwards into																	173.70	176.80	3.10	E793642	0.020	969.0	55.00
																	176.80	179.80	3.00	E793643	0.020	492.0	26.00
																	179.80	182.90	3.10	E793644	0.010	527.0	109.00
																	182.90	185.90	3.00	E793645	0.020	338.0	32.00
																	185.90	189.00	3.10	E793646	0.040	587.0	39.00
																	189.00	192.00	3.00	E793647	0.010	622.0	13.00
																	192.00	195.10	3.10	E793648	0.010	311.0	16.00
																	195.10	198.10	3.00	E793649	0.010	238.0	34.00



Project: Hushamu05												Hole Number: EC-244					
From	To	Rocktype & Description	sf	gys	cz	ms	py	ep	mp	mpb	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
0.50-2.00cm»			0	0	0	0	0	0	0	0							
<b>MINERALIZATION</b>																	
« 173.00- 222.50 Fine-grained disseminated, fracture coating, and veinlet. Occurs at margins of gypsum veins when present Pyrite 5.00-7.00% 0.01-1.00mm»																	
« 203.25- 204.95 Increase in fine-grained disseminated pyrite over this interval Pyrite 7.00-13.00% 0.01-0.50mm»																	
« 173.00- 222.50 very trace disseminated fine grained Chalcopyrite 0.01-0.01% 0.01-0.10mm» « very fine-grained, trace dark bluish irregular domains to 1 cm across suggestive of additional molybdenite, observed locally Molybdenite 0.01-0.01% 0.01-0.01mm»																	
« 211.25- 212.15 chotic brecciation with light purple fine-grained flourite(?) cement cut by thin gypsum veining described above Fluorite 2.00-5.00%»																	
<b>PIMA Samples:</b>																	
EC244_190.1m																	
results: weak ?chmorite (Mg-Fe), carbonate, gypsum																	
EC244_217.2m																	
results: illite, gypsum, chlorite, possible epidote																	
222.50	230.55	JB1															
Green medium-grained to coarse-grained granular rock containing anhedral weakly sericitized plagioclase (60-70%) and black amphibole (20-30%) subhedral to euhedral laths to 2 mm in length. Weakly magnetic and cut by numerous zeolite stringers. Chilled fine-grained margins are grey and appear more sericitic(?) via incorporation of country rock material(?). upper contacts of country rock are moderately brecciated into annealed c.g. gouge.																	
<b>ALTERATION</b>																	
« pervasive, light greenish feldspar Sericite 1.00»																	
« 222.50- 223.10 pervasive in fine-grained chilled margin Sericite 2.00»																	
« 229.55- 230.55 pervasive Sericite 2.00»																	
230.55	279.80	JBa6									230.55	231.60	1.05	E793658	0.070	354.0	32.00

From	To	Rocktype & Description	sf	clgys	cl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
Similar to unit described above. Alteration is variable with differing intensities of chlorite and ephemeral magnetite alteration. Cut by numerous white zeolite stringers, chaotic thin gypsum veins and increasing amounts of fluorite. Overall pyrite decreases with more mineralized domains and very trace chalcocopyrite.			4	0	4	4	4	10	0	3	0	231.60	234.70	3.10	E793659	0.030	370.0	39.00
From 237.7 to 239.59 relict granular texture defined by a brownish pink porphyllite replacement of groundmass containing abundant fine-grained grained amphibole(?) crystal relicts.			4	0	4	4	4	10	0	3	0	234.70	237.70	3.00	E793660	0.040	156.0	76.00
			4	0	4	4	4	10	0	3	0	237.70	237.70	0.00	E793661			
			4	0	4	4	4	10	0	3	0	237.70	240.80	3.10	E793662	0.050	165.0	29.00
			4	0	4	4	4	10	0	3	0	240.80	243.80	3.00	E793663	0.050	280.0	25.00
			4	0	4	4	4	10	0	3	0	243.80	246.90	3.10	E793664	0.030	174.0	27.00
			4	0	4	4	4	10	0	3	0	246.90	249.90	3.00	E793665	0.030	213.0	15.00
			4	0	4	4	4	10	0	3	0	249.90	253.00	3.10	E793666	0.030	268.0	22.00
			4	0	4	4	4	10	0	3	0	253.00	256.00	3.00	E793667	0.030	240.0	35.00
			4	0	4	4	4	10	0	3	0	256.00	259.10	3.10	E793668	0.030	272.0	31.00
			4	0	4	4	4	10	0	3	0	259.10	262.10	3.00	E793669	0.030	209.0	64.00
ALTERATION			4	0	4	4	4	10	0	3	0	262.10	265.20	3.10	E793670	0.030	324.0	108.00
< @ 233.05 gypsum + chalcocopyrite, fine-grained grained pyrite up to 1-2% of vein. Vein 50.00-60.00° 15.00-20.00mm >			4	0	4	4	4	10	0	3	0	265.20	268.20	3.00	E793671	0.020	266.0	110.00
« 230.55- 237.70 pervasive Sericite 1.00-2.00» « pervasive Chlorite 1.00-2.00»			4	0	4	4	4	10	0	3	0	268.20	271.30	3.10	E793672	0.020	264.0	58.00
« 230.55- 267.70 pervasive Silicification 2.00-3.00»			4	0	4	4	4	10	0	3	0	271.30	274.30	3.00	E793673	0.030	437.0	69.00
« 237.70- 239.59 Occurs as fine-grained grained disseminations, veinlets and as massive vein-fill associated with stronger chlorite alteration. Magnetite 1.00-3.00» « pervasive Chlorite 2.00-2.50»			4	0	4	4	4	10	0	3	0	274.30	277.40	3.10	E793674	0.040	300.0	26.00
« 237.70- 239.59 pseudo groundmass replacing plagioclase(?) in what appears to be relict granular texture with relict amphiboles(?) over horizon of alteration Pyrophyllite 1.00-2.00																		
« 239.59-242.26 far less intense chlorite alteration, pervasive Chlorite 1.00»																		
« pervasive Sericite 2.00» « pervasive Clay 2.00»																		
« 242.26- 279.76 domainal disseminated appears associated with chlorite alteration. Magnetite 1.00-3.00» « green to dark green pervasive Chlorite 1.00-2.00» « pervasive Silicification 2.00-3.00» « pervasive, unidentifiable clays Clay 1.00-2.00»																		
STRUCTURE																		
< @ 242.46 fluorite Vein 40.00-50.00° 10.00-15.00mm > < @ 242.96 chaotic fluorite-pyrite veining in a small shear pyrite occurs as anhedral masses Vein 70.00-80.00° 10.00-20.00mm > < @ 262.00 fluorite Vein 75.00° 20.00-30.00mm >																		
« 262.97- 265.00 White zeolite cement crackle breccia Breccia »																		
MINERALIZATION																		
« 234.50- 323.40 fine-grained fills fractures and as veinlets Pyrite 1.00-3.00%» « 240.32-240.72 fine-grained grained net textured pyrite mineralization Pyrite 10.00-13.00%» « very trace, fine-grained grained Chalcocopyrite »																		

Project: Hushamu05												Hole Number: EC-244						
From	To	Rocktype & Description	Sr	plgys	cl	ms	py	sp	mp	mp/usc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
PIMA Samples:																		
EC244_255.8m																		
results: sericite, chlorite (Mg-Fe)																		
EC244_271.8m																		
results: sericite (Al-poor/?phengitic), chlorite (Mg-Fe)																		
279.80	284.65	Jl2									277.40	280.40	3.00	E793675	0.060	308.0	33.00	
Quartz-Feldspar Porphyry:																		
Grey porphyritic with white clay pseudomorphs of plagioclase laths to 2 mm and quartz eyes and unidentifeid altered mafics to 2 mm in diameter in a grey sericite(?) -silica altered altered groundmass. Cut by white zeolite and thin calcareous stringers. contains 3-5% pyrite (picture taken)																		
Interval contains lesser amounts of sericite(?) -silica altered fragmental country rock.																		
ALTERATION																		
« 279.80- 286.40 Pervasive, light silver grey ambient colour, hardness suggests strong silica alteration also Sericite 2.00-3.00»« pervasive extends past QFPO into brecciated country rock Silicification 3.00»« possibly in addition to sericite alteration Clay 1.00»																		
MINERALIZATION																		
« 279.80- 284.65 fine-grained grained disseminated Pyrite 3.00-5.00%»« Cut by several fluorite veins to 1 cm thick Fluorite 0.10%»																		
284.65	315.20	JBa6									286.50	289.60	3.10	E793679	0.100	869.0	40.00	
As described above. Brecciation with zeolite and trace calcite cement is more abundant. Primary fragmental textures are distinguishable throughout. Overall this lower section appears less altered than the overlying occurrences of JBa6.																		
Magnetite-bearing fragmental is brecciated with zeolite-calcite-rock flour cement and subsequently cut by gypsum (picture taken).																		
											289.60	292.60	3.00	E793680	0.020	435.0	68.00	
											292.60	295.70	3.10	E793681	0.010	358.0	38.00	
											295.70	298.70	3.00	E793682	0.020	404.0	57.00	
											298.70	301.80	3.10	E793683	0.020	387.0	58.00	
											301.80	304.90	3.10	E793684	0.010	175.0	6.00	

Project: Hushamu05

Hole Number: EC-244

From	To	Rocktype & Description	bl	blgys	cl	ms	py	sp	mp	mpusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		<b>ALTERATION</b> « pervasive and domainal with fragments preferentially or previously more strongly chlorite altered while the matrix is dominated by clay(dickite?) alteration Chlorite 0.20-3.00»« pervasive Silicification 1.00-3.00»« Suspected dominant clay in matrix Dickite 2.00»« cut by 1 to 15 mm thick cockscomb veins Gypsum 1.00-2.00»« Chaotic veining and crackle brecciation, white Zeolite 1.00-2.00»« fracture coating and associated with zeolites Calcite 1.00»« patchy, disseminated, domainal, fine-grained grained Magnetite 1.00»									304.90	307.80	2.90	E793685	0.020	142.0	6.00	
											307.80	310.40	2.60	E793686	-0.010	35.0	3.00	
											310.40	313.90	3.50	E793687	0.020	102.0	3.00	
		<b>STRUCTURE</b> « 286.50- 292.80 cement supported to crackle breccia of angular chlorite-silica altered fragmental clasts and flourite vein clasts to 10 cm across in a zeolite-calcite(80%) + rock flour(20%) matrix Breccia » @291.8m - 45 cm thick QFPO dyke/sill < @ 291.90 flourite Vein 40.00-45.00° 10.00-15.00mm >																
		<b>MINERALIZATION</b> « 284.70- 285.10 very fine-grained grained wispy pyrite, dark grey dirty appearance in zeolite cement breccia Pyrite 5.00%» « 284.70- 315.20 rare bright green chromium mica Mariposite 0.01%»																
		307.8 - 309.3 moderate dark green fine-grained to weakly porphyritic with chloritized mafic phenos to 2 mm in diameter, very weakly magnetic, very late and unaltered with beautiful chilled margins (photo taken)																
		<b>PIMA Samples:</b>  EC244_287.9m  results: gypsum, silica, chlorite?  EC244_306m  results: illite, chlorite (Mg-Fe), sericite																
315.20	363.80	Jl Alteration change distinguishehd by pervasive aphanitic, resinous burgandy									313.90	317.00	3.10	E793688	0.030	114.0	1.00	
											317.00	320.00	3.00	E793689	0.010	35.0	3.00	
											320.00	323.10	3.10	E793690	0.030	32.0	1.00	



Project: Hushamu05

Hole Number: EC-244

From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
323.10	326.10	<p>brownish coloured alteration possibly biotite alteration or maybe silica + dickite. Patchy chlorite alteration of dark green fine-grained chlorite in 1-3 cm diameter domains occur throughout. Patchy light bluish grey alteration (sericite?) is softer than biotite(?) alteration described above and occurs as irregular splotches. Cut by numerous zeolite and gypsum stringers 1-5 mm thick, country rock at the margin of the stringers is commonly bleached. Relict plagioclase phenocrysts to 3 mm across have been altered to soft white clay or zeolite and suggest a texture similar to that observed in lesser altered diorite observed downhole. Small intervals of weak domainal roscolite-mariposite alteration occur downhole. Pyrite is the only mineralization observed and ranges from 3-5% to 5-7% in abundance.</p> <p><b>ALTERATION</b>                      « aphanitic resinous burgandy brownish pervasive alteration creates pseudo groundmass appearance, fairly hard ~5-6 Biotite 5.00-20.00%»                      « pervasive Silicification 1.00-3.00»                      « Softer, bluish grey domainal and patchy alteration, intensity appears inverse with biotite(?) alteration Sericite 1.00-2.00»                      « patchy domainal Pyrophyllite 1.00*»                      « Clay 1.00-2.00»                      « 329.20- 329.50 patchy, up to 5 mm domains of granny smith apple green alteration Mariposite 1.00%»                      «340.00-349.00 Intensity increase with pyrite mineralization Biotite 2.00-3.00%»</p> <p><b>STRUCTURE</b>                      &lt; @ 319.40 Flourite Vein 80.00-90.00° 10.00-20.00mm &gt;                      &lt; @ 324.20 flourite Vein 40.00-50.00° 15.00-20.00mm &gt;                      « 334.90- 335.35 Crackle breccia with zeolite cement and conatians flourite vein fragments Breccia »</p> <p><b>MINERALIZATION</b>                      « 315.20- 363.80 fine-grained grained disseminated and fracture-filling Pyrite 3.00-5.00%»                      « 328.10- 336.00 fine-grained grained disseminated, fracture-filling, locally net textured Pyrite 5.00-10.00%»                      « 339.90- 349.00 fine-grained grained masses to patches up to 3 cm in diameter preferentially mineralized in sericite(?) hematite or possibly pinkishbrown pyrophyllite domains. Pyrite 10.00-15.00%»                      « 338.80- 339.40 Flourite+chromium mica+epidote(?) alteration cut by abundant gypsum stringers overall light grey with fine-grained grained light</p>	0	0	0	0	0	0	0	0	0	323.10	326.10	3.00	E793691	0.050	59.0	4.00
326.10	329.20		3.10	E793692	0.030	138.0	1.00											
329.20	332.20		3.00	E793693	0.020	25.0	5.00											
332.20	335.30		3.10	E793694	0.060	17.0	7.00											
335.30	338.40		3.10	E793695	0.050	29.0	3.00											
338.40	341.40		3.00	E793696	0.020	16.0	1.00											
341.40	344.40		3.00	E793697	0.020	40.0	1.00											
344.40	344.40		0.00	E793698														
344.40	347.50		3.10	E793699	0.010	31.0	3.00											
347.50	350.50		3.00	E793700	0.010	26.0	9.00											
350.50	353.50		3.00	E793701	0.020	15.0	2.00											
353.50	356.60		3.10	E793702	0.010	13.0	3.00											
356.60	359.70		3.10	E793703	0.020	37.0	1.00											
359.70	362.70		3.00	E793704	0.010	66.0	-1.00											
362.70	363.80		1.10	E793705	-0.010	55.0	1.00											

Project: Hushamu05														Hole Number: EC-244			
From	To	Rocktype & Description	bl	blgys	bl	bls	blp	Ep	mp	mpgsdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		green domains and two flourite veins Mariposite 1.00%»	350														
PIMA Samples:																	
EC244_322.8m		results: illite, chlorite, ?silica, ?smectite, weak chlorite, gypsum															
EC244_340.2m		results: illite, chlorite, sillica, sericite, chlorite (Mg-Fe)															
EC244_350.8m		results: chlorite (Mg-Fe)															
363.80	373.60	Jl									363.80	368.80	5.00	E793706	0.010	239.0	1.00
		Light to dark green coarse-grained graded to feldspar pophyritic diorite. Alteration is weak to non-existent, cut by numerous zeolite stringers and weak epidote alteration localized around fractures. Trace to 1% sulphides. Weakly magnetic locally. overlies a zone of intense flourite+mariposite(?)+epidote(?)+gypsum alteration.	365								368.80	371.90	3.10	E793707	-0.010	63.0	-1.00
		« Localized along fractures Epidote 1.00»									371.90	373.60	1.70	E793708	-0.010	56.0	1.00
		« fine-grained graded disseminated Pyrite 0.10-1.00%»	370														
373.60	383.80	JB1									373.60	374.90	1.30	E793709	0.010	67.0	5.00
		Grey-green, variably chlorite-sericite-clay altered unit with no distinguishable primary textures. Unit is distinct for its strong 70-90 TCA banded look due to a rough alignment of veining, vein haloes and shear planes throughout interval. From 373.6 to 375.7, unit is cut by numerous mm scale gypsum veinlets, white zeolite stringers and irregular to discontinuous purple flourite veins to 3cm. Light green sericite (chromium mica?) and dark waxy chlorite are present as alteration minerals, along with minor light yellow clays. Veins are irregular, but appear to run dominately perpendicular to core axis - particularly the gypsum. From 375.7 to 379.5, gypsum stringers persist, but flourite-sericite is lost and pyrite appears as cubic crystals along fcts and veins, or as more fine-grained graded disseminations within the rock. From 379.5 to 383.8, an intense fracture network is filled by stockworking white zeolite stringers and veinlets. Pyrite occurs as fine-grained graded disseminations and lesser crystalline cubic vein fill. Waxy dark green chlorite	375								374.90	378.00	3.10	E793710	-0.010	8.0	6.00
											378.00	381.10	3.10	E793711	0.010	10.0	4.00



Project: Hushamu05								Hole Number: EC-244									
From	To	Rocktype & Description	By	Gyps	Ch	Mfs	Py	Ep	Mp	mp/psdc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		scale intervals, possibly due to very fine-grained grained biotite or biotite+feox alteration? (Sent for thin section) Cut by fine-grained white zeolite stringers, irregular, and altered by green chlorite staining and waxy green clots. Locally a weak lamination is visible 30 TCA - relict bedding in interbedded ash tuff?									399.30	403.00	3.70	E793719	0.010	34.0	-1.00
		<b>ALTERATION</b> « 383.80- 389.80 brown stain - vfg Biotite 2.00%» « 394.90- 400.20 brown pervasive stain - vfg Biotite 2.00%» « fine-grained stingers Gypsum 0.50 0.10-0.30cm» « 383.80- 389.80 green colouring and waxy green patches Chalcanthite 0.50-1.50» « 394.90- 403.00 waxy green clots and green colouration Chalcanthite 0.50» « 383.80- 403.00 irregular veinlets Zeolite 1.00 0.10-1.00cm»															
		<b>MINERALIZATION</b> « diss, clots, stringers, vein fill Pyrite 4.00-6.00%»															
		<b>STRUCTURE</b> < @ 388.50 possible ? Bedding (S0) 25.00° > < @ 403.00 irregular intrusive contact Lower Contact 20.00° >															
		<b>PIMA Sample:</b> EC244_392.2m  results: chlorite (Mg-Fe), silica, illite (Al-poor/?phengitic), weak gypsum															
403.00	411.90	QFPO									403.00	405.40	2.40	E793720	-0.010	44.0	1.00
		Green Quartz-Feldspar porphyry with chlorite-magnetite-silica-epidote alteration, cut by fine-grained zeolite and lesser epidote stringers. Chlorite occurs as waxy fine-grained clots, replacing mafics?, and weak green pervasive colouration of groundmass. Magnetite occurs intergrown with chloritized mafics. Feldspar phenocrysts to 5mm, commonly altered to epidote of clay. A small block of wallrock is seen from 407.1-407.8, with 25 TCA contacts									405.40	408.40	3.00	E793721	0.010	45.0	3.00
		<b>ALTERATION</b>									408.40	411.90	3.50	E793722	-0.010	47.0	1.00

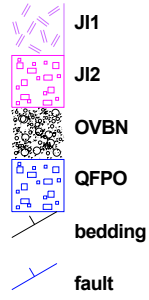
Project: Hushamu05												Hole Number: EC-244								
From	To	Rocktype & Description	By	Chgs	Ch	Hrs	Py	Ep	Mp	Mg	mp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
		« green colouration and minor waxy clots, altering mafics Chalcanthite 3.00» « Silicification 1.00» « altered phenos and stringers Epidote 1.50» « fg disseminated and w/ mafics Magnetite 1.00» « stringers Zeolite 0.20-1.50cm»																		
		<b>STRUCTURE</b>																		
		< @ 403.00 chill margin Lower Contact 75.00° >																		
		PIMA Sample: 410																		
		EC244_408m																		
		results: chlorite (Mg-Fe), ?silica																		
411.90	418.60	JB1											411.90	414.50	2.60	E793723	0.020	50.0	2.00	
		Grey to brown chlorite-biotite altered homogenous rock. Brown to brown orange stain over much of interval - very fine-grained grained biotite or biotite-hematite alteration? Chlorite occurs as waxy clots, often haloing pyrite, fine-grained speckles in rock, or as fine-grained stringers/alteration haloes to gypsum and zeolite stringers which also cut unit, commonly at 50-70 TCA. Minor, weak patchy silicification seen. Upper and lower contacts intrusive and sharp - 75 TCA. Pyrite occurs as fine-grained disseminations, small clots and vein fill with gypsum and chlorite.											414.50	418.30	3.80	E793724	0.010	46.0	2.00	
		<b>ALTERATION</b>																		
		« vfg, brown stain Biotite 3.00%» « waxy green halos, stringers, speckles Chalcanthite » « minor white stringers Zeolite 1.00» « patchy, weak Silicification 0.50» « minor fine-grained stringers Gypsum 0.10-0.30cm»																		
		<b>MINERALIZATION</b>																		
		« clots, disseminations, stringers Pyrite 3.00-4.00%»																		
418.60	420.60	QFPO																		
		Green Quartz-Feldspar porphyry with chlorite-magnetite-silica-epidote																		

Project: Hushamu05

Hole Number: EC-244

From	To	Rocktype & Description	Cl	Chys	Ch	Mns	Py	Ep	Mp	Mgsp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		alteration, cut by fine-grained zeolite and lesser epidote stringers. Chlorite occurs as waxy fine-grained clots, replacing mafics?, and weak green pervasive colouration of groundmass. Fine magnetite is intergrown with the chloritized mafics. Feldspar phenocrysts to 5mm, commonly altered to epidote of clay.															
		ALTERATION															
		« green colouration and minor waxy clots, altering mafics Chalcantite 3.00»															
		« Silicification 1.00»															
		« altered phenos and stringers Epidote 1.50»															
		« fg disseminated and w/ mafics Magnetite 1.00»															
420.60	420.60	EOH															

# Drill Log Legend





## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 422.0
<b>Hole</b> EC-245	<b>Azimuth (°):</b> 206
<b>Location:</b> 5619357 m North 569305 m East	<b>Dip (°):</b> -70.0
<b>Logged by:</b> P.Chadwick	<b>Length (m):</b> 351.70
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/04/03	<b>Date Completed:</b> 2007/04/12
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test NW Expo zone.	

### Summary Log:

0.00 - 4.80 CASING  
 4.80 - 43.30 ANDESITE (JB2): Lapilli tuff. Heterolithic breccia. Fragments to 5cm.  
 43.30 - 134.30 SILICA (JBa1) Light grey homogeneous. Silicified. Strongly fractured, faulted.  
 134.30 - 148.00 SILICA-PYROPHYLLITE (JBa2) Grey homogeneous. Silica, clay-dickite-kaolinite-pyrophyllite altered. Pyrite trace to 1.5%.  
 148.00 - 152.00 CLAY-CHLORITE (JBa4) Dark green. Chlorite-clay altered. Faulted/fractured.  
 152.00 - 155.80 CHLORITE-MAGNETITE (JBa5) Dark grey-green. Stringer and clotty magnetite. Pyrite 1%.  
 155.80 - 156.70 SILICA (JBa1) Homogeneous, grey. Intense silicification.  
 156.70 - 162.30 CLAY-SERICITE-CHLORITE (JBa6) Grey-green. Strong clay-sericite-chlorite alteration.  
 162.30 - 169.00 CHLORITE-MAGNETITE (JBa5) Dark green. Intense wormy chlorite-magnetite. Trace pyrite and chalcopyrite.  
 169.00 - 172.30 DIORITE (JI1) Green, post mineral intrusive.  
 172.30 - 199.90 CHLORITE-MAGNETITE (JBa5) Green-grey, strongly chlorite-magnetite altered. Very fine grained disseminated pyrite-chalcopyrite.  
 199.90 - 231.80 QUARTZ-FELDSPAR PORPHYRY (JI2) Weak chlorite alteration, Zeolite veined.  
 231.80 - 234.70 CHLORITE-MAGNETITE (JBa5) Green. Intensely chlorite-magnetite altered.  
 234.70 - 264.90 SILICA-PYROPHYLLITE (JBa2) Grey. Silicified. Light green sericite and pyrophyllite-dickite. Pyrite 1%.  
 264.90 - 288.60 ZEOLITE VEIN White/cream. Strongly fractured/faulted. Silica altered zones. Molybdenite as disseminations and as fine stringers. Trace chalcopyrite.  
 288.60 - 296.40 DIORITE (JI1) Dark green, fine grained. Chlorite altered.  
 296.40 - 351.70 CLAY-CHLORITE (JBa4) Grey. Intensely clay altered. Pyrite 9-12%.  
 351.70 E.O.H.





## DRILL LOG

Project: Hushamu

Hole ID: EC-245

*Downhole surveys:*

<b>Depth</b>	<b>Dip</b>	<b>Azimuth</b>
0.00	-70.00	206.00
33.00	-69.70	199.00
48.00	69.50	198.20
97.00	69.10	199.10
146.00	68.10	197.40
194.00	-67.80	192.30
243.00	67.30	202.50
292.00	67.70	203.60
341.00	67.90	203.30

Project: Hushamu05												Hole Number: EC-245									
From	To	Rocktype	& Description	bl	clgys	cl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm			
0.00	4.80	CASN		0																	
4.80	43.30	JB2	<p>Green-grey, andesitic lapilli tuff. Angular to sub-rounded fragments to 5cm in a fine-grained groundmass of intermediate composition. Clasts are red-green-grey-purple volcanics, with larger clasts often felspar-porphyrific. Grades from coarse-grained clastic to a finely clastic ash tuff locally. Oxidized - pervasive and along fractures - to approximately 17m. Fine, irregular zeolite vnts and fct fill common, 2-1.5cm, and weak zeolite alteration of feldspar phenos of the porphyritic clasts. Anastomosing calc veins to 3cm in weakly tectonized zone from 37.8-38.9m. Lower contact is fault bounded, and from 40-43.3m, unit is weakly bleached, with light green sericite (?) altered. Rare pyrite in small shears.</p> <p><b>ALTERATION</b></p> <p>« 4.80- 34.30 pink: irreg vnts, sel perv altn of fspr phenos Zeolite 1.00 0.20-1.20cm»</p> <p>« 37.80- 38.90 white, anast vns Calcite 1.50 0.11-3.00cm»</p> <p>« 40.00- 43.30 lt green, wkly bleached Sericite 2.00»</p> <p><b>MINERALIZATION</b></p> <p>« 4.80- 43.30 trace in shears Pyrite 0.01%»</p> <p><b>STRUCTURE</b></p> <p>&lt; @ 19.50 green-grey, gritty clay Fault Gouge 35.00cm &gt;</p> <p>&lt; @ 21.40 grey, sandy clay Fault Gouge 14.00cm &gt;</p> <p>&lt; @ 37.90 grey clay Fault Gouge 12.00cm &gt;</p> <p>&lt; @ 41.90 smeared texture along shear Shear Plane 70.00° 5.00 &gt;</p> <p>&lt; @ 43.20 grey clay, gritty Fault Gouge 20.00-70.00° 10.00cm &gt;</p> <p>&lt; @ 43.30 fault bounded Lower Contact 70.00-80.00° &gt;</p>	5																	
				10																	
				15																	
				20																	
				25																	
				30																	
				35																	
				40																	

Project: Hushamu05							Hole Number: EC-245				
From	To	Rocktype	& Description		From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
43.30	134.30	JBa1	<p>Light grey, homogenous, silicified rock with very minor, interstitial and fracture fill light yellow to orange fe-ox staining/alteration. Open vugs, often cubic - after pyrite? - 1-4mm throughout. Fine black specks - manganese? - present throughout. Entire unit is variably tectonized, from a pervasive fracture network to protocataclastic to cataclastic, and is coherent and well healed by silica. Orientation of tectonization appears to be dominantly 70-80 TCA. Orange fe-ox strong from 43.3-45m, and present on rare, well developed fracture surfaces throughout, and as interstitial staining locally. From 93 to 101m, rock appears less tectonized, and less like a fault breccia/cataclasite than a intensely silicified lapilli tuff, where both fragments and groundmass have been totally replaced by fine-grained to very fine-grained medium-dark silica. Possibly the unit is a combination of both? where by weak tectonism of the fragmental unit easily mills the fragments further? From 225-227m, 10-15cm non-fragmental intervals occur - possibly an interbedded ash tuff protolith? T 126.5, possible 60 TCA bedding shown by laminations/variations in colour. From 130-134.3, rock is darker grey and much less fractured/ectonized. Minor clay appears as small white specs, and pyrite coats several fractures.</p> <p><b>ALTERATION</b></p> <p>« pervasive Silicification 3.00»            « 43.30- 72.00 rare, yellow interstitial stain Iron oxide 0.25»            « 72.00- 89.00 light org-pink interstitial stain Iron oxide 1.00»            « 89.00- 134.3 orange fracture fill and minor interstitial staining Iron oxide 0.50»            « 128.00 - 134.3 fine-grained white specks Clay 0.50»</p> <p><b>MINERALIZATION</b></p> <p>« 130.00- 134.30 fine-grained fracture coating Pyrite 0.50%»</p> <p><b>STRUCTURE</b></p> <p>&lt; @ 43.30 planar, with orange fe-ox 2cm 20 TCA Shear Plane &gt;            &lt; @ 89.00 Shear Plane 40.00° 8.00cm</p>		43.30	45.40	2.10	E799316	0.050	22.0	89.00
					45.40	48.50	3.10	E799317	0.020	14.0	52.00
					48.50	51.50	3.00	E799318	0.020	14.0	38.00
					51.50	54.50	3.00	E799319	0.030	9.0	34.00
					54.50	57.50	3.00	E799320	0.030	13.0	28.00
					54.50	57.50	3.00	E799321	0.030	10.0	39.00
					57.50	62.50	5.00	E799322	0.040	6.0	52.00
					62.50	63.50	1.00	E799323	0.020	10.0	33.00
					63.50	66.50	3.00	E799324	0.030	7.0	32.00
					66.50	69.50	3.00	E799325	0.030	8.0	56.00
					69.50	72.50	3.00	E799326	0.030	6.0	42.00
					72.50	72.50	0.00	E799327			
					72.50	75.50	3.00	E799328	0.040	7.0	53.00
					75.50	78.90	3.40	E799329	0.030	10.0	114.00
					78.90	82.00	3.10	E799330	0.030	8.0	42.00
					82.00	84.70	2.70	E799331	0.040	7.0	41.00
					84.70	87.80	3.10	E799332	0.050	11.0	45.00
					87.80	90.80	3.00	E799333	0.060	12.0	48.00
					90.80	93.90	3.10	E799334	0.060	13.0	113.00
					93.90	96.90	3.00	E799335	0.060	9.0	151.00
					96.90	100.30	3.40	E799336	0.070	11.0	76.00
					100.30	103.30	3.00	E799337	0.070	13.0	76.00
					103.30	106.40	3.10	E799338	0.060	11.0	92.00
					106.40	109.40	3.00	E799339	0.060	12.0	105.00
					109.40	112.50	3.10	E799340	0.070	12.0	234.00
					112.50	115.50	3.00	E799341	0.060	6.0	132.00
					115.50	118.60	3.10	E799342	0.070	9.0	92.00
					118.60	121.60	3.00	E799343	0.070	9.0	97.00
					121.60	124.70	3.10	E799344	0.050	11.0	68.00
					124.70	127.70	3.00	E799345	0.090	23.0	68.00
					127.70	130.80	3.10	E799346	0.120	66.0	160.00
					130.80	134.30	3.50	E799347	0.130	168.0	171.00

Project: Hushamu05

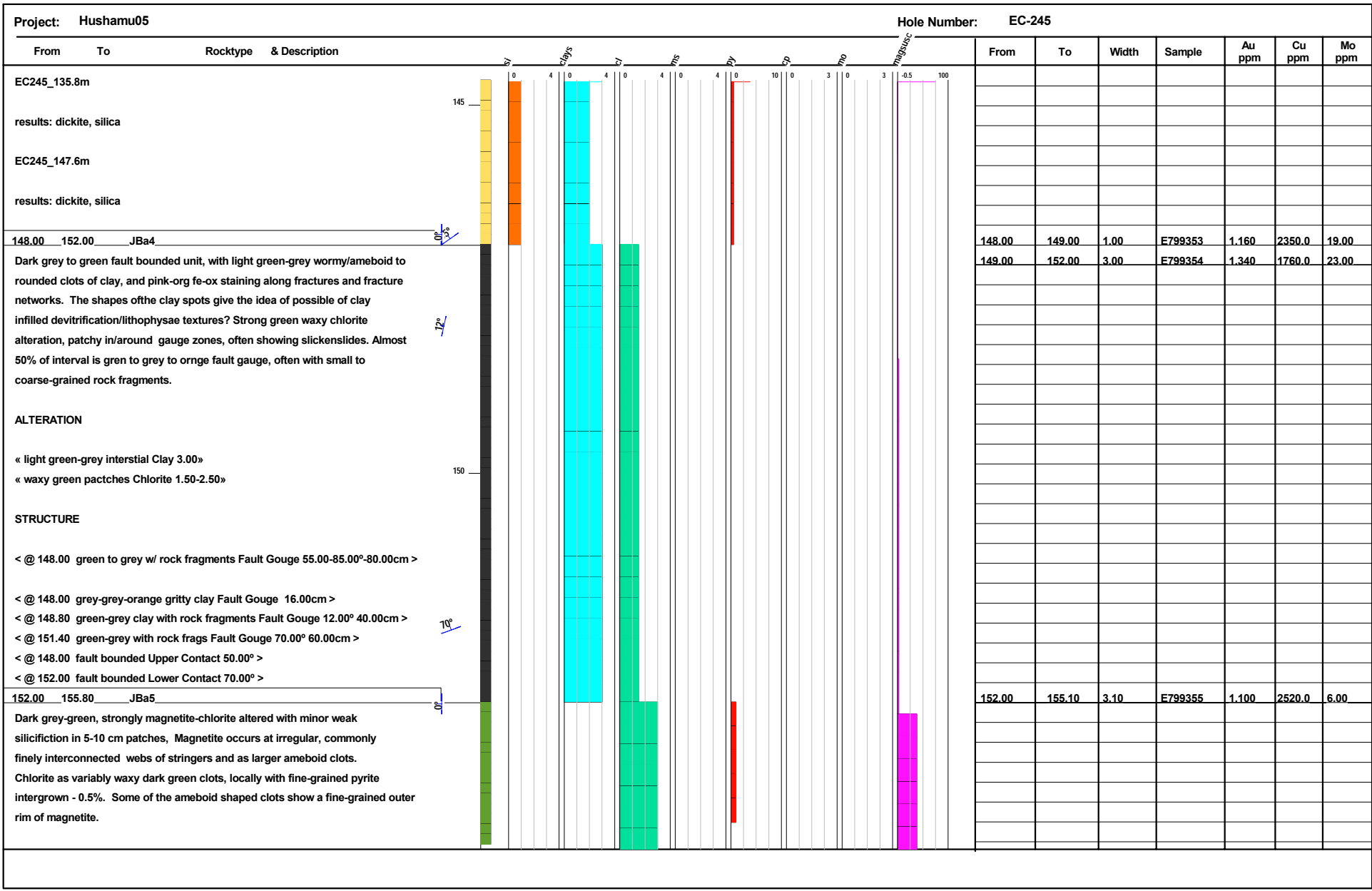
Hole Number: EC-245

From	To	Rocktype & Description	Si	Al	Fe	Mn	P	Ca	Mg	Na	K	ppm	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
< @ 134.30 gradational Lower Contact >			0	4	0	4	0	4	0	4	0	10	0	3	0	3	-0.5	100			
PIMA Samples:																					
EC245_48.5m	85	results: large unidentified water feature, ?possible sulphate, silica, weak dickite																			
EC245_69.5m	90	results: silica? large unidentified water feature, ?possible sulphate																			
EC245_86.4m	95	results: silica, dickite, ?large unidentified water feature, ?possible sulphate																			
EC245_110.7m	100	results: silica, dickite, ?large unidentified water feature, ?possible sulphate																			
	105																				
	110																				
	115																				

Project: Hushamu05

Hole Number: EC-245

From	To	Rocktype & Description	St	Clays	Cl	Mbs	Py	Ep	Mp	mpg	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
			0	4	0	4	0	4	0	10	0	3	0	3	0.05	100			
134.30	148.00	JBa2																	
		Grey, homogenous, weak to moderately silicified with wormy/ameboid to rounded spots and speckles of soft, slightly dusty clay and a more pervasive slight softening of the rock. Clay varies from white dusty (kaolinite?) to waxier, green-yellow (pyrophyllite-dickite + sericite?) to dark grey (?). Fine grained pyrite coats fractures, or occurs as very fine-grained stringers and small clots, or rims clay spots, 0.5-1.5 % overall. Minor fe-ox staining occurs with clays, giving a light pink stain.																	
		<b>ALTERATION</b>																	
		« patchy - pervasive Silicification 1.00-1.50»																	
		« white to green-yellow waxy Clay 2.00»																	
		<b>MINERALIZATION</b>																	
		« fine-grained fct fill/stringers Pyrite 0.50-1.50%»																	
		<b>STRUCTURE</b>																	
		< @ 148.00 fault bounded lct< @ 134.30 gradational Upper Contact >																	
		<b>PIMA Samples:</b>																	
134.30	136.00										134.30	136.00	1.70	E799348	0.140	136.0	114.00		
136.00	139.90										136.00	139.90	3.90	E799349	0.130	147.0	142.00		
139.90	143.00										139.90	143.00	3.10	E799350	0.180	169.0	152.00		
143.00	146.00										143.00	146.00	3.00	E799351	0.080	494.0	153.00		
146.00	148.00										146.00	148.00	2.00	E799352	0.200	223.0	87.00		



Project: Hushamu05													Hole Number: EC-245					
From	To	Rocktype	& Description	sl	slgys	cl	ms	py	cp	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
<b>ALTERATION</b>																		
« webs and clots Magnetite 3.00%»																		
« clots - irregular to ameboid Chlorite 3.00»																		
<b>MINERALIZATION</b>																		
« 152.00- 153.00 intergrown with chlorite clots Pyrite 1.00%»																		
« 152.00-155.8 trace cp»																		
<b>STRUCTURE</b>																		
< @ 152.10 dark green-grey with rock fragments Fault Gouge -25.00cm >																		
< @ 152.00 fault bounded Upper Contact > « fine-grained white specks Clay 0.50»																		
155.80	156.70	JBa1																
Homogenous, grey intense silicification, with fine-grained vugs - some open, and often cubic (after pyrite?) - and some filled with with white clay and/or pyrite, <3mm.																		
« grey, with fine-grained vugs Silicification 4.00»																		
« infilling vugs Pyrite 0.50%»																		
« white, infilling vugs Clay 0.20»																		
156.70	162.30	JBa6																
Grey-green, strong clay-sericite+/- chlorite alteration and patchy weak silicification. Small speckles of white clay (kaolinite) occur throughout interval, along with irregular blebs of soft, dark green waxy chlorite or light green soft sercite/chromium mica. Strongly tectonized and rich in grey clay gauge.																		
<b>ALTERATION</b>																		
« pervasive grey softening of rock Clay 1.50»																		
« light green blebs, interstial Sericite 1.50»																		
« dark waxy green blebs, interstial Chlorite 1.50»																		
« patchy, weak Silicification 1.00»																		
« white dusty speckles Kaolinite 1.00»																		

Project: Hushamu05												Hole Number: EC-245					
From	To	Rocktype & Description	bl	blgys	bl	hbs	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
<b>MINERALIZATION</b>			160														
« vfg disseminated in shears Pyrite 0.50%»																	
<b>STRUCTURE</b>																	
< @ 156.70 tect'd : fault or intrusive contact? Upper Contact 60.00° >																	
< @ 157.50 grey clay and rock frags - indurant Fault Gouge 80.00° 25.00cm																	
< @ 156.70 grey rocky clay, weak hematite Fault Gouge 80.00° 12.00cm >																	
< @ 162.30 sharp Lower Contact >																	
162.30	169.00	JBa5									162.30	164.30	2.00	E799359	1.970	3690.0	4.00
Dark grey-green, intensely chlorite-magnetite altered with minor white dusty clay (kaolinite?), small 5-15cm silicified zones and rare sericite-hematite-clay adjacent to shears. Trace vfg disseminated to clotty pyrite +/- chalcopyrite, trace malachite seen at lower contact. Both chlorite and magnetite occur as wormy, irregular clots which can make up almost 90% of rock where alteration is most intense.											164.30	167.30	3.00	E799360	2.040	3060.0	4.00
											167.30	169.00	1.70	E799361	1.280	1760.0	4.00
<b>ALTERATION</b>																	
« wormy irregular blebs Magnetite 3.00-3.50»																	
« irregular blebs to pervasive Chlorite 3.00»																	
« light grey-white interstitial Clay »																	
« org-red stain in shears Hematite 0.50»																	
« light green, in shears Sericite 0.50»																	
« dark grey, veins/patches Silicification 0.50 5.00-10.00cm»																	
<b>MINERALIZATION</b>																	
« vfg disseminated to clotty Pyrite 0.50%»																	
« trace Chalcopyrite »																	
« 168.9-169.0 trace in oxidized shear zone Malachite »																	
<b>STRUCTURE</b>																	
< @ 165.00 grey-green gritty clay Fault Gouge 55.00-65.00° 1.40m >																	
< @ 162.30 sharp intrusive contact Lower Contact 55.00° >																	
169.00	172.30	J11									169.00	170.40	1.40	E799362	0.010	26.0	1.00



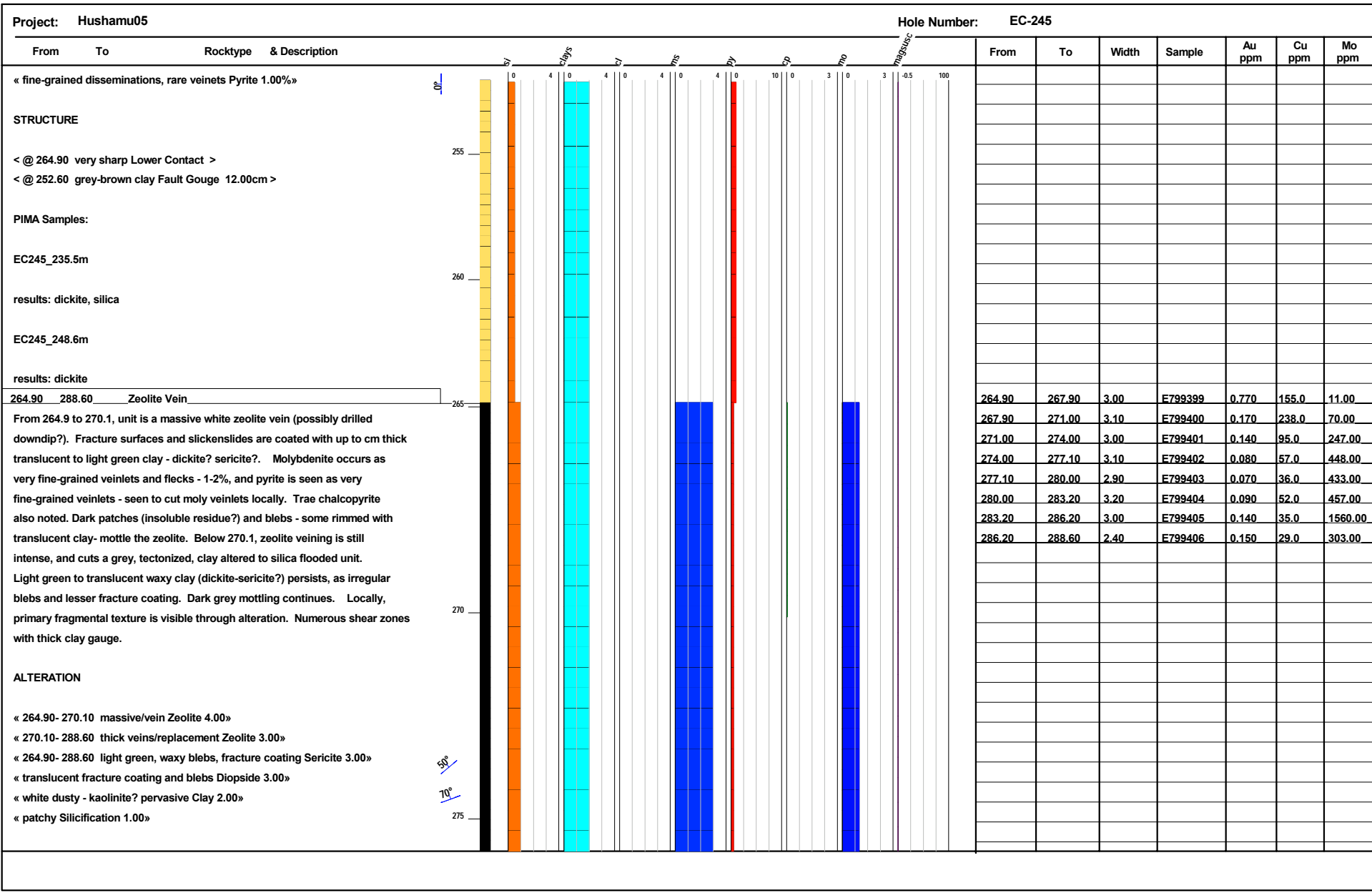
Project: Hushamu05												Hole Number: EC-245					
From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		Green, fresh, post mineral intrusive, very fine-grained grained, with minor kaolinite alterd feldspar phenocrysts (to 4mm) and 2% tabular amphibole. < @ 169.00 sharp intrusive contact Lower Contact 40.00° >									170.40	172.30	1.90	E799363	0.010	22.0	1.00
172.30	199.90	JBa5									172.30	173.40	1.10	E799364	1.290	1690.0	3.00
		Green-grey, strongly chlorite-magnetite altered, with primary fragmental, heterolithic volcanic texture distinguishable through alteration. Clasts are angular to subrounded, up to 10cm, and commonly grey to grey-green, with alteration varying from silicified to chlorite, magnetite, sericite and/or clay altered. Where fragmental texture is seen, chlorite occurs interstitial to the clasts, with magnetite intergrown with the chlorite and less commonly rimming the clasts. Where alteration obliterates any primary textures, magnetite and chlorite commonly show wormy, irregular and blebby shapes. From 172.3 to 175.8, silica-sericite (light green, chromium mica?) alteration alternates with the chlorite-magnetite alteration over foot scale intervals with sharp to gradational contacts. Banded quartz-magnetite veins to 1.5cm infrequently cut unit, wavy and approx. 40 TCA.									173.40	176.50	3.10	E799365	1.580	2010.0	2.00
											176.50	179.50	3.00	E799366	1.280	2240.0	1.00
											179.50	179.50	0.00	E799367			
											179.50	182.60	3.10	E799368	0.010	2090.0	3.00
											182.60	185.60	3.00	E799369	2.320	1930.0	2.00
											185.60	188.70	3.10	E799370	1.920	1500.0	2.00
											188.70	191.60	2.90	E799371	0.850	469.0	3.00
											191.60	194.80	3.20	E799372	1.830	1180.0	2.00
											194.80	197.80	3.00	E799373	1.400	1350.0	2.00
											197.80	199.90	2.10	E799374	1.370	1450.0	2.00
		ALTERATION															
		« wormy blebs or intergrown with chlorite interstitial to clasts. Magnetite 2.50-3.50%»															
		« wormy blebs or intergrown with with magnetite interstitial to clasts. Chlorite 2.50-3.50»															
		« 172.30- 175.80 domainal, associated with sericite Silicification 1.50 5.00-15.00cm»															
		« domainal, associated with silica flooding Sericite 2.00»															
		MINERALIZATION															
		« vfg disseminated over cm scale intervals Pyrite 0.50%»															
		« trace Chalcopyrite »															
		STRUCTURE															
		< @ 172.30 green, gritty clay with hematite stain Fault Gouge 50.00° 4.00 >															
		PIMA Sample:															
		EC245_184.0m															

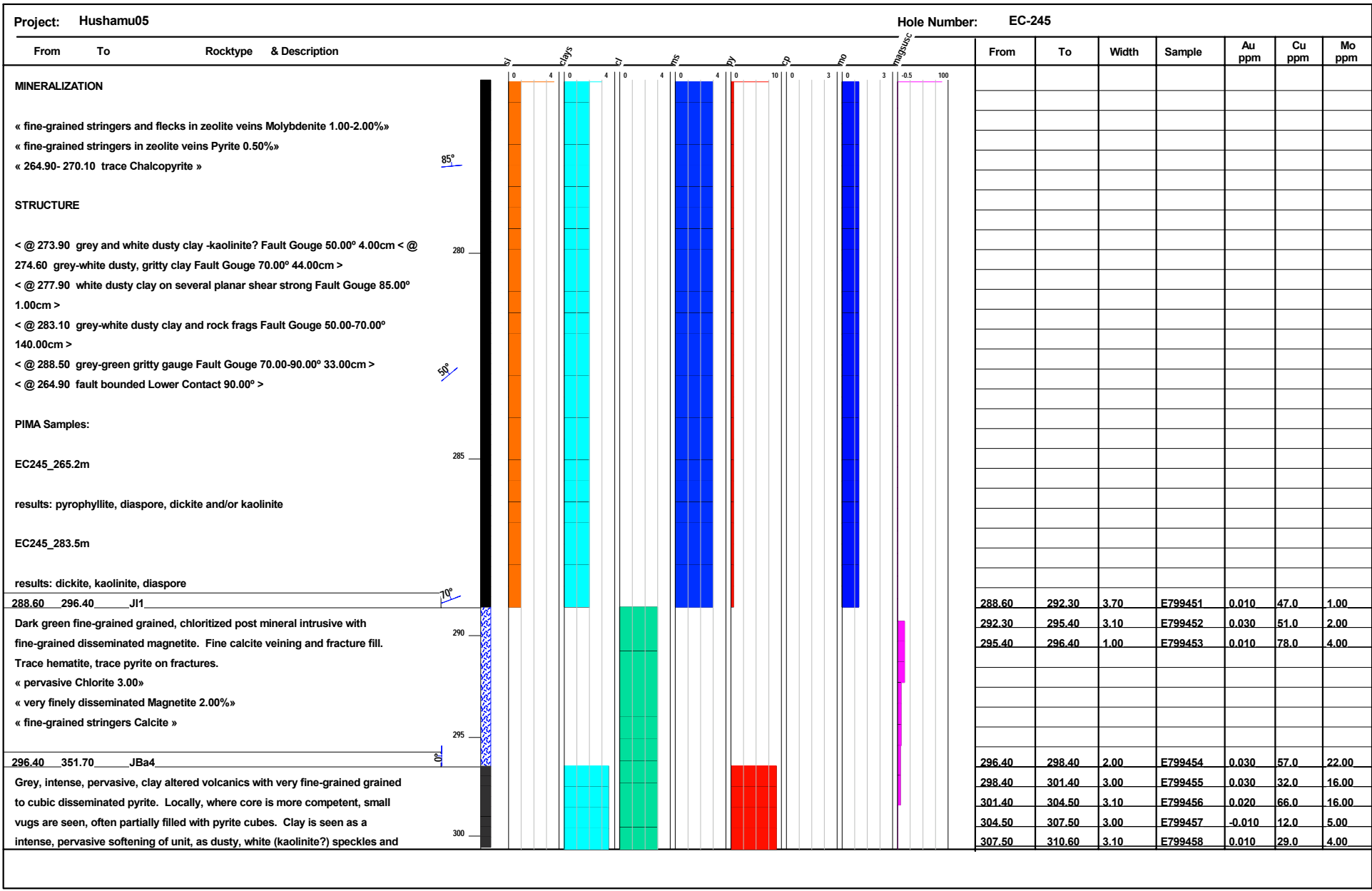
Project: Hushamu05

Hole Number: EC-245

From	To	Rocktype & Description	bl	blgys	bl	ms	py	sp	mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		results: chlorite (Mg-Fe)															
199.90	231.80	J12															
199.90	200.90	Quartz-Feldspar Porphyry, chloritized and cut by pink and lesser white zeolite veins. Chlorite-magnetite alteration of mafics. Dark red hematite on fractures. Feldspars phenocrysts to 5mm are often light green - sericite altered? or stained pink halting thicker zeolite veins. Groundmass is pervasively chlorite +/- sericite altered. Zeolite veins and stringers to 5cm, pink to pink-white. Fine stringers of magnetite, often with pink-org hematite stained halo. Magnetite veining increases in frequency and width from 234-239.									199.90	200.90	1.00	E799375	0.130	550.0	-1.00
											200.90	203.90	3.00	E799376	0.090	85.0	1.00
											203.90	207.00	3.10	E799377	0.110	140.0	1.00
											207.00	210.00	3.00	E799378	0.070	51.0	1.00
											210.00	213.10	3.10	E799379	0.030	40.0	1.00
											213.10	216.10	3.00	E799380	0.030	67.0	1.00
											216.10	219.20	3.10	E799381	0.010	53.0	-1.00
											219.20	222.20	3.00	E799382	-0.010	58.0	1.00
											222.20	225.20	3.00	E799383	0.070	130.0	1.00
											225.20	228.30	3.10	E799384	0.030	56.0	1.00
											225.20	228.30	3.10	E799385	0.030	53.0	1.00
											228.30	231.80	3.50	E799386	0.010	83.0	2.00
		ALTERATION															
		« pervasive alteration of groundmass Chlorite 1.50-2.00»															
		« selective-pervasive alteration of mafics Chlorite 2.00»															
		« selective-pervasive alteration of mafics and fine-grained stringers Magnetite 1.50»															
		« stringers/veins and selective pervasive alteration of phenocrysts Zeolite 2.00 0.20-5.00cm»															
		« fracture fill Hematite »															
		« pervasive alteration of groundmass and selctive-pervasive alteration of phenocrysts Sericite 1.50»															
		MINERALIZATION															
		STRUCTURE															
		< @ 206.40 green gritty clay Fault Gouge 65.00° 3.00cm >															
		< @ 207.50 pink-white zeolite Vein 25.00° 4.00cm >															
		< @ 205.70 pink-white zeolite Vein 40.00° 5.00cm >															
		< @ 229.10 grey gritty clay Fault Gouge 9.00° 12.00cm >															
		< @ 229.60 grey-green gritty clay Fault Gouge 22.00cm >															
		< @ 231.80 grey clay Fault Gouge 90.00° 12.00cm >															
		< @ 228.30 Gypsum clay Fault Gouge 85.00° 8.00cm >															
		PIMA Samples:															

Project: Hushamu05												Hole Number: EC-245						
From	To	Rocktype	& Description	bl	blgys	bl	ms	py	sp	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
EC245_201.2m																		
			results: smectite, chlorite, ?carbonate, ?silica															
EC245_220.2m																		
			results: ?weak chlorite, weak illite, ?kaolinite															
231.80	234.70	JBa5										231.80	234.70	2.90	E799387	0.320	465.0	6.00
			Green, intensely chlorite-magnetite altered rockcut by several 1-2 cm grey quartz veins, 45 or 70 TCA.															
			« pervasive to clotty waxy green Chlorite 3.50»															
			« disseminated to clotty Magnetite 2.50»															
			« veining Quartz 45.00-70.00 1.00-2.00»															
			< @ 234.70 green-grey Fault Gouge 6.00cm >															
234.70	264.90	JBa2										234.70	234.70	0.00	E799388			
			Grey, silicified rock with small interstitial clay blebs, of hite dusty clay (kaolinite?), light green soft clay (sericite?) and dark grey soft waxy clay (pyrophyllite-dickite?). From 244.5-248m, unit is vuggy, with white dusty clay (kaolinite?), drusy quartz and pyrite lining vugs. Py rite occurs over foot scale intervals, as crystalline purite in veins and vug fill, and as very fine-grained grained disseminations. Magnetite is seen from 241.8-2 to 42.7m, as black blebs and fine-grained stringers, and associated with minor hematite staining. Silicification is patchy and variable from weak to moderate, but is present throughout interval. From 253.5-258.8m, unit loses the distinctive white clay speckles, and primary fragmental volcanic texture is seen through silica-clay alteration. From 262.2-263.7, silicification is strong, and disseminated fine-grained pyrite (5%) increases.									234.70	237.40	2.70	E799389	2.380	4280.0	16.00
												237.40	240.50	3.10	E799390	2.810	4440.0	9.00
												240.50	243.50	3.00	E799391	3.060	4220.0	22.00
												243.50	246.60	3.10	E799392	1.670	1210.0	13.00
												246.60	249.50	2.90	E799393	2.230	2080.0	6.00
												249.50	252.60	3.10	E799394	3.200	1270.0	13.00
												252.60	255.70	3.10	E799395	0.520	379.0	4.00
												255.70	258.80	3.10	E799396	1.040	1220.0	13.00
												258.80	261.80	3.00	E799397	1.490	2270.0	8.00
												261.80	264.90	3.10	E799398	1.970	3870.0	7.00
			ALTERATION															
			« white dusty kaolinite? blebs Clay 2.00															
			« 234.70- 264.90 patchy, weak to moderate Silicification 0.50-1.50»															
			« 236.10- 236.60 light green blebs Sericite 1.5															
			MINERALIZATION															





Project: Hushamu05								Hole Number: EC-245										
From	To	Rocktype	& Description	bl	blgys	cl	ms	py	sp	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
			fracture coating, and as translucent, waxy spots/fracture coating (pyrophyllite?dickite?)									310.60	313.60	3.00	E799459	0.010	21.0	7.00
			Rocky is very broken, rubblely, and clay gauge rich.									313.60	318.20	4.60	E799460	-0.010	32.0	7.00
												318.20	322.80	4.60	E799461	-0.010	54.0	-1.00
												322.80	325.80	3.00	E799462	-0.010	65.0	1.00
												325.80	328.90	3.10	E799463	-0.010	72.0	4.00
			ALTERATION									328.90	328.90	0.00	E799464			
			« 296.40- 351.70 pervasive Clay 3.50-4.00»									328.90	331.90	3.00	E799465	-0.010	45.0	3.00
			« white, dusty spots and fracture fill Kaolinite 1.00-3.00»									331.90	335.00	3.10	E799466	-0.010	36.0	-1.00
			« 304.00- 307.50 waxy, translucent patches Diopside 2.50»									335.00	338.00	3.00	E799467	-0.010	47.0	-1.00
			MINERALIZATION									338.00	341.10	3.10	E799468	0.010	31.0	1.00
			« 296.40- 351.70 vfg to cubic disseminations Pyrite 9.00-12.00%»									341.10	344.10	3.00	E799469	-0.010	19.0	-1.00
												344.10	347.20	3.10	E799470	-0.010	22.0	1.00
			STRUCTURE									347.20	347.20	0.00	E799471			
			< @ 296.40 grey gritty clay Fault Gouge 65.00cm >									347.20	350.20	3.00	E799472	-0.010	45.0	-1.00
			< @ 311.30 grey clay and rock fragments Fault Gouge 70.00cm >									350.20	351.70	1.50	E799473	-0.010	50.0	-1.00
			< @ 325.60 grey clay and rock fragments Fault Gouge 20.00cm >															
			< @ 326.80 grey clay and rock fragments Fault Gouge 20.00cm >															
			< @ 329.30 gritty grey clay Fault Gouge 22.00cm >															
			< @ 328.30 gritty grey clay Fault Gouge 95.00cm >															
			< @ 345.30 sandy grey clay Fault Gouge 16.00cm >															
			PIMA Samples:															
			EC245_300.6m															
			results: illite (Al-rich/paragonitic), chlorite (Mg-Fe), ?silica, illite/smectite (Al-rich/paragonitic), weak chlorite, ?kaolinite															
			EC245_314.3m															
			results: illite, chlorite															

Project: Hushamu05




















Hole Number: EC-245

From	To	Rocktype & Description	bl	blgys	bl	hrs	bl	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
351.70	351.70	EOH															

\* depth component not to scale

\* AVG indicates averaged duplicate samples

# Drill Log Legend

	CASN		JBa6		fault beccia
	EOH		Jl1		fault breccia
	JB2		Jl1		fault gouge
	JBa1		Jl2		vein
	JBa2		Zeolite Vein		veinlet
	JBa4		bedding		
	JBa5		fault		





## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 200.0
<b>Hole</b> EC-246	<b>Azimuth (°):</b> 5.0
<b>Location:</b> 5619066 m North 571395 m East	<b>Dip (°):</b> -70.0
<b>Logged by:</b> P.Chadwick	<b>Length (m):</b> 384.00
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> ALS Chemex-Vancouver	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/04/09	<b>Date Completed:</b> 2007/04/13
<b>Dip Tests By:</b> flexit	
<b>Objective</b> Test Cougar zone.	

### Summary Log:

0.00 - 55.10 CASING/OVERBURDEN  
55.10 - 140.10 QUARTZ-FELDSPAR PORPHYRY (JI2):Light green to grey feldspar phytic to 1 cm. Weak clay-chlorite-biotite altered. Includes 3 post-mineral diorite dykes, dark, fine-grained. (77.7-78.7; 79.1-87.0; 88.6-91.2).  
140.10 - 143.50 DIORITE (JI1) Dark green-grey fine grained.  
143.50 - 146.00 CHLORITE-MAGNETITE-PYRITE (JBa5) Pyrite 5-7%.  
146.00 - 149.10 SILICA-CHLORITE-SERICITE-EPIDOTE-PYRITE (JBa6) Fault zone. Grey-green chlorite, epidote, silica altered  
149.10 - 212.80 QUARTZ-FELDSPAR PORPHYRY (JI2) Grey-green. Silica-chlorite altered. Pyrite 1-5%  
212.80 - 222.00 BIOTITE-CHLORITE (JB7) Green-brown biotite-chlorite altered. Pyrite 1-5%.  
222.00 - 246.50 BIOTITE-CHLORITE-SERICITE-MAGNETITE-CLAY (JBa) Grey to grey green. Chlorite,sericite altered and variably biotite altered. Pyrite 4-6%.  
246.50 - 267.00 DIORITE (JI1) Dark green weakly silicified.  
267.00 - 269.60 ALTERED (JB7) Grey, strongly fractured/ altered with pyrite to 7%.  
269.60 - 272.30 DIORITE (JI1)  
272.30 - 287.30 SILICA-CHLORITE-PYRITE (JB7) Grey to green-grey, silicified with spotty clay, weak biotite and chlorite alteration. Pyrite 7%.  
287.30 - 309.90 PYRITE-BIOTITE-CLAY (JB7) Grey-brown biotite-chlorite-clay altered. Pyrite 5%  
309.90 - 329.10 SILICA-CHLORITE-PYRITE (JB7) Green-grey to pink, porphyritic. Silica, biotite, hematite, chlorite altered. Pyrite 4-6%.  
329.10 - 359.60 CHLORITE-BIOTITE-PYRITE (JB7) Grey-brown-green. Chlorite, biotite, hematite, clay altered. Pyrite 3%  
359.60 - 384.00 DIORITE (JI1) Dark green fine grained.  
384.00 E.O.H.



## DRILL LOG

Project: Hushamu

Hole ID: EC-246

*Downhole surveys:*

<u>Depth</u>	<u>Dip</u>	<u>Azimuth</u>
0.00	-70.00	5.00
57.00	-70.10	3.30
76.00	-70.20	4.10
176.00	-70.40	10.20
278.00	-71.50	16.00
378.00	-72.20	21.30

Project: Hushamu05														Hole Number: EC-246				
From	To	Rocktype	& Description	SI	gys	SI	ms	py	Sp	mp	mspsic	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
0.00	51.80	CASN		0	4	4	4	4	10	3	3							
				0														
				5														
				10														
				15														
				20														
				25														
				30														
				35														

Project: Hushamu05												Hole Number: EC-246												
From	To	Rocktype	& Description	Si	Al	Fe	Mg	Ca	Na	K	Ti	P	S	Cl	Br	I	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
51.80	55.10	OVBD																						
55.10	77.70	J12	Light green to grey quartz-feldspar porphyry. Feldspar phenocrysts to 1cm, and locally are white, weakly clay altered. Mafics may be waxy dark green, chlorite altered or honey brown, very fine-grained grained biotite altered. Pyrite occurs as very fine-grained disseminations of fine-grained grained coating on fracture surfaces. Silicification is variable from weak to moderate throughout. Fine white calcite and quartz stringers cut unit. Minor epidote veining. Oxidized on fractures to 67m depth.																					
		ALTERATION																						
		« 55.10 - 68.60 selective pervasive alteration of mafics Chlorite 1.00»																						
		« 68.60- 72.80 very fine-grained grained alteration of mafics Biotite 2.00»																						
		« 72.80- 77.10 selective pervasive alteration of mafics Chlorite 1.00»																						
		« 55.10- 67.00 oxidized on fractures Iron oxide 1.00»																						
		« 55.10- 77.70 fine-grained white stringers Calcite 1.00»																						
		« weak to moderate Silicification 1.00-2.00»																						
		MINERALIZATION																						
		« 55.10- 77.70 very fine-grained disseminations, fracture fill Pyrite 1.00%»																						
		STRUCTURE																						

Project: Hushamu05		Hole Number: EC-246															
From	To	Rocktype & Description	sf	clgys	cl	ms	py	sp	mp	mpasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		< @ 77.70 sharp intrusive contact Lower Contact 25.00° >															
77.70	78.70	J11 Dark green fine-grained diorite. Calcite stringers, weak silicification. « white stringers Calcite 1.00» « weak Silicification 1.00»															
78.70	79.10	J12 As above.															
		< @ 78.70 sharp intrusive Upper Contact 25.00° > < @ 79.10 sharp intrusive Lower Contact 30.00° >															
79.10	87.00	J11 Dark green, fine-grained diorite - post mineral intrusion. Calcite stringers, weak silicification, epidote on fcts. Lower contact irregular, sharp intrusive contact, 5-10 TCA. « fine-grained stringers Calcite 1.00» « fracture coating Epidote 0.50» « weak Silicification 1.00»															
		< @ 87.00 irregular sharp intrusive Lower Contact 5.00-10.00° >															
87.00	88.60	J12 Grey quartz-feldspar porphyry as above. Weak silicification. Weakly chloritized mafics, disseminated pyrite, minor clotty mafics, epidote and calcite stringers. « Silicification 1.00» « disseminated Pyrite 2.00%» « minor clots Magnetite 2.00%» « weak alteration of mafics Chlorite 1.00»															
		< @ 88.60 sharp irregular intrusive Lower Contact 25.00-35.00° >															
88.60	91.20	J11 Dark green, fine-grained post mineral diorite dyke. Weak silicification. « Silicification 1.00»															
		< @ 91.20 sharp intrusive Lower Contact 20.00° >															
91.20	140.10	J12 Grey to green quartz-feldspar porphyry. Feldspar phenocrysts to 1cm, and 7-12% mafics, usually weakly chloritized to dark green (or to honey brown very fine-grained biotite in rare patches), and intergrown with magnetite or pyrite. Weak to moderately silicified. Magnetite occurs both intergrown with chloritized mafics (magmatic?) and locally as rare veinlets to 1cm. Pyrite is															

Project: Hushamu05

Hole Number: EC-246

From	To	Rocktype & Description	By	Chrys	Cl	Mns	Py	Ep	Mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		also seen finely intergrown with mafics or as more coarsely crystalline pyrite coating fractures, and is more abundant than magnetite. Weak epidote coats fractures locally.															
		Below 105m depth, alteration increases, with stronger, more pervasive chloritization, and a dominance of magnetite over pyrite as the primary iron sulphide. Fracture controlled magnetite is more common, rock is darker grey-green. Increase in epidote stringers, zeolite stringers, and less calcite. Dark grey, feldspar phyrlic interval occurs from 106-109, with a sharp almost intrusive contact below, but a gradation contact above. Similar, finer grained, darker, foot scale intervals occur below.															
		<b>ALTERATION/MINERALIZATION</b>															
		< Silicification 1.00-2.00 >															
		<< selective pervasive alteration of mafics Chlorite 2.00 >>															
		<< 91.20- 140.10 rare, vfg, honey brown Biotite 0.50 >>															
		<< 91.20- 140.10 light green waxy Sericite 0.50 >>															
		<< 91.20- 105.00 fine-grained grained and fracture coating Pyrite 2.00% >>															
		<< disseminated with mafics and in rare veins Magnetite 1.00-2.00% >>															
		<< rare stringers Epidote 1.00 >>															
		<< fine-grained stringers Calcite 2.00 >>															
		<< 105.00- 140.10 finely disseminated Pyrite 1.00% >>															
		<< finely intergrown, stringers Magnetite 5.00% >>															
		<< stringers Epidote 2.00 >>															
		<< white stringers Zeolite 1.00 >>															
		<< veins and stringers Quartz >>															
		<b>STRUCTURE</b>															
		< @ 120.60 white quartz - w/ possible amethyst Vein 40.00° 18.00cm >															
		< @ 91.20 white-grey quartz Vein 35.00° 8.00cm >															
		< @ 140.00 white-grey quartz Vein 20.00° 16.00cm >															

Project: Hushamu05												Hole Number: EC-246						
From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
140.10	143.50	Jl1 Dark grey-green, fine-grained grained, post mineral diorite dyke. Quartz veins and stringer, epidote stringers, weak silicification. Very fine-grained grained disseminated to clotty pyrite. « fine-grained disseminations and clots Pyrite 1.00-3.00%» « Silicification 1.00» « stringers Epidote 0.50» « veins and stringers Quartz » < @ 140.10 sharp Upper Contact 20.00° > < @ 143.50 shapr Lower Contact 20.00° >	0	4	0	4	0	4	0	10	0	3	0	3	0.5			
143.50	146.00	JBa5 Dark grey-green, chlorite-magnetite-pyrite-clay altered unit with no primary textures visible. Chlorite is waxy green, and occurs as speckles or large clots. Magnetite and pyrite both occur as fine-grained disseminations or clots, or as fine-grained discontinuous stringers. Cut by irregular stringers and veinlets of calcite, epidote and pyrite. « waxy green clots/specks Chlorite 3.00» « fine-grained disseminations/clots/stringers Pyrite 5.00-7.00%» « finely disseminated to clotty Magnetite » « stringers/veins Calcite 0.10-1.00cm» < @ 146.00 gradational Lower Contact > < @ 143.50 brecciated quartz at contact Vein 20.00° > « clots Epidote 0.50»  PIMA Sample:  EC246_144.3m  results: muscovite, weak kaolinite, probable chlorite or epidote	0	4	0	4	0	4	0	10	0	3	0	3	0.5			
146.00	149.10	JBa6 Grey-green silicified chlorite-sericite -epidote-pyrite altered rock in shear zone, strongly smeared and veined subparallel to core axis - 5 to 15 TCA. No primary textures visible.	0	4	0	4	0	4	0	10	0	3	0	3	0.5			
143.50	146.30										143.50	146.30	2.80	E793726	0.020	325.0	25.00	

Project: Hushamu05												Hole Number: EC-246					
From	To	Rocktype & Description	Sy	Chl	Sr	Mns	Py	Ep	Mp	mp	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		« Silicification 2.00»															
		« waxy green clots/stringers Chlorite 1.50»															
		« light green Sericite 1.00»															
		« stringers/veins Epidote 1.00»															
		« anastomosing veins Quartz 0.10-1.50cm»															
		« clotty, veinlets Pyrite 3.00%»															
149.10	181.10	J12															
		Green-grey quartz-feldspar porphyry with silica-chlorite alteration and variable magnetite - with mafics (magmatic?) and pyrite - disseminated to clotty and fracture filling. Chlorite occurs as waxy, green selective pervasive alteration of mafics. Foot scale intervals of more intense alteration occur, showing a darker, texturally obliterated rock , with up to 8 % pyrite and clots/veinlets of magnetite. Calcite filled fractures, epidote stringers and thicker, anastomosing white-brown carbonate veins cut unit.															
		<b>ALTERATION</b>															
		« Silicification 1.00»															
		« waxy green alteration of mafics Chlorite 2.00»															
		« fracture fill Calcite »															
		« stringers/veins Epidote »															
		« intergrown with mafics Magnetite »															
		<b>MINERALIZATION</b>															
		« 149.1-156.1 fine-grained disseminations, fracture fill Pyrite 1.00-2.00%»															
		« 156.10- 157.10 fracture fill, clots Pyrite 6.00%»															
		« 157.10- 167.30 fine-grained disseminations Pyrite 1.00-2.00%»															
		« 167.30- 169.70 fine-grained disseminations, veinlets Pyrite 6.00-9.00%»															
		<b>STRUCTURE</b>															
		< @ 159.50 brown-white carbonate Vein 20.00° 11.00cm >															
		< @ 159.30 epidote Vein 20.00-40.00° 4.00cm >															
		< @ 173.70 banded carbonate - brown/white Vein 30.00° 28.00cm >															
		< @ 175.90 banded pink-white carbonate Vein 5.00-10.00° 70.00cm >															
		< @ 177.20 banded carbonate, pink-white Vein -5.00° 74.00cm >															
		PIMA Sample:															



Project: Hushamu05												Hole Number: EC-246									
From	To	Rocktype	& Description	bl	blgys	bl	ms	py	Ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm			
181.10	212.80	J12	<p>EC246_162.2m</p> <p>results: illite/smectite, chlorite, illite, weak chlorite and/or carbonate</p> <p>As above, but with feldspar phyrlic intervals alternating with intervals of more intense alteration resulting in primary textures having been obliterated. Where primary texture is visible, waxy green chlorite alters mafics, pyrite is finely disseminated and filling fractures - 1-2%. Where alteration is more intense, unit is grey, homogenous, with increased disseminated and fracture filling pyrite - 3-5%, brown to brownish-red stain - likely from very fine-grained biotite alteration, and fine-grained green chlorite speckles. Transition from one unit to the next is fairly sharp, definately an alteration boundary, but possibly mimicing intrusive contacts?. White calcite and calcite-epidote veins - irregular to anastomosing - cut unit. Weak to moderately silicified throughout.</p> <p><b>ALTERATION</b></p> <p>« alteration of mafics Chlorite 1.00-2.00»            « Silicification 1.00-2.00»            « very fine, brown stain Biotite 0.50-2.00»            « irregular-anastomosing veins Calcite 0.10-3.00cm»            « stringers - often with calcite Epidote »</p> <p><b>MINERALIZATION</b></p> <p>« disseminations/fracture fill Pyrite 1.00-5.00%»</p> <p><b>STRUCTURE</b></p> <p>&lt; @ 181.10 gradational Upper Contact &gt;            &lt; @ 212.80 gradational Lower Contact &gt;            &lt; @ 211.60 calcite Vein -11.00cm &gt;</p>	0.0	0	4	0	4	0	4	0	10	0	3	0	3	0.5	100			
185.90	187.10											185.90	187.10	1.20	E799407	0.010	191.0	24.00			
212.80	222.00	JB7	<p>Green-brown, biotite-chlorite altered - likely a fine-grained graded porphyritic flow/dyke? Very fine-grained graded, honey-brown biotite and dark green chlorite alters the groundmass/mafics, and fine-grained fracture</p>																		

Project: Hushamu05												Hole Number: EC-246					
From	To	Rocktype & Description	By	Clays	Ch	Mns	Py	Ep	Mp	mpgasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		fill/stringer chlorite. Fine stringers and anastomosing veins cut unit, often banded with or haloed by chlorite. Fine grained disseminated and fracture fill pyrite - 1 to 3%															
		« altering mafics, groundmass Biotite 3.00»															
		« altering mafics, groundmass Chlorite 3.00»															
		« anastomosing stringers, veins Calcite 0.10-4.00cm»															
		« fine-grained disseminations Pyrite 1.00-3.00%»															
222.00	246.50	JBa															
		Grey to grey-brown or grey-green altered unit, no primary textures visible. Biotite-chlorite-sericite-magnetite-clay all occur domainally over interval, with patchy weak silicification increasing with depth. Finely disseminated pyrite over entire interval, often filling fractures or forming veins with chlorite and/or magnetite.															
		A brown to brown-red stain is seen from very fine-grained biotite alteration. Chlorite forms very fine-grained stringers from infilling/coating fine-grained fractures. A dark grey to grey-black colour is seen when very fine-grained alteration magnetite is present, often with an increase of finely disseminated pyrite or haloing/intergrown with clots of brassy pyrite. From 240.5-241.1, white clay dots appear to be altered relict feldspar phenocrysts. Speckles start and end sharply at 25 TCA, suggesting a small porphyritic dyke overprinted by stong alteration. Irregular calcite and calcite-quartz veins to 3cm cut unit, most intensely in top and bottom 5 meters of interval. Chlorite alteration increases above lower contact with diorite - pervasive dark green stain.															
		<b>ALTERATION</b>															
		« brown stain, very fine, domainal Biotite 1.00»															
		« green waxy fracture fill Chlorite 1.00»															
		« very fine, patchy black w/ pyrite Magnetite 3.00%»															
		« patchy Silicification 0.50»															
		« light green, in shears Sericite 1.00»															
		« 240.50- 241.10 white dusty - kaolinite? Clay 1.00»															
		« irregular veinlets, +/- quartz Calcite 0.10-3.00»															
		« minor veinlets Epidote 0.50»															
		<b>MINERALIZATION</b>															
222.00	225.60										222.00	225.60	3.60	E799408	0.020	102.0	27.00
225.60	228.60										225.60	228.60	3.00	E799409	0.020	92.0	21.00
228.60	231.60										228.60	231.60	3.00	E799410	0.010	130.0	17.00
231.60	231.60										231.60	231.60	0.00	E799411			
231.60	234.70										231.60	234.70	3.10	E799412	0.020	136.0	17.00
234.70	237.70										234.70	237.70	3.00	E799413	0.020	155.0	19.00
237.70	240.80										237.70	240.80	3.10	E799414	0.020	82.0	23.00
240.80	243.80										240.80	243.80	3.00	E799415	0.010	73.0	38.00
243.80	246.50										243.80	246.50	2.70	E799416	-0.010	60.0	14.00

Project: Hushamu05												Hole Number: EC-246							
From	To	Rocktype	& Description	sf	clgys	cl	ms	py	ep	mp	mpgsc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
			« disseminated, fracture fill Pyrite 4.00-6.00%»																
			STRUCTURE																
			< @ 222.00 sharp Upper Contact >																
			< @ 240.50 very sharp, intrusive Lower Contact 7.00° >																
			< @ 245.60 epidote Vein 30.00° 11.00cm >																
			PIMA Samples:																
			EC246_223.6m																
			results: silica, chlorite (Mg-Fe), probable smectite																
			EC246_241.5m																
			results: silica, chlorite (Mg-Fe), probable smectite, weak kaolinite																
246.50	267.00	J11	Dark green, weakly silicified post mineral diorite dyke. Fine calcite and epidote stringer.																
			« Silicification 1.50»																
			« fine-grained stringers Epidote 0.50»																
			« veinlets Calcite »																
			< @ 267.00 sharp, intrusive Lower Contact 30.00° >																
267.00	269.60	JB7	Grey, strongly fractured unit with 7% pyrite as very fine-grained									267.00	269.50	2.50	E799418	0.010	72.0	19.00	

From	To	Rocktype & Description	bl	blgys	bl	hrs	py	ep	mp	mpasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
		disseminations, clots and fine-grained fracture fill - commonly with chlorite. Calcite also fills fine-grained fractures, or occurs as stringers with epidote and pyrite. Fine green specks of chlorite.																
		« 267.00- 267.40 honey brown stain, very fine-grained Biotite 1.00»																
		« 267.00- 269.60 fracture fill Calcite »																
		« fine-grained specks, fracture fill Chlorite 1.00»																
		« disseminations, fracture fill, clots Pyrite 7.00%»																
269.60	272.30	J11																
		As above. Dark green fine-grained graded post mineral diorite dyke. « Silicification 1.00»																
272.30	287.30	JB7																
		Grey to grey-green silicified, pyritic unit with weak, domainal clay alteration as very fine-grained specks of white kaolinite? Weak to moderate chlorite alteration, also seen as fine-grained specks, or as a more pervasive green colouration of unit. Biotite is seen locally with chlorite and clay, as a very fine-grained alteration mineral giving a honey-brown stain. Pyrite is very finely disseminated, or seen in lesser clots and fine-grained fracture fill. Black, very fine-grained magnetite grains often halo clotty or veining pyrite, but unit is otherwise non-magnetitic. Speckled unit with the more massive grey interval may represent changes in primary lithology - interbedded flows and tuffs? From 281.1 to 287.3, unit has a distinctive colouration banding, 65 to 75 TCA, possible mimicking original bedding in an ash tuff?																
		<b>ALTERATION</b>  « Silicification 2.00» « fine-grained specks and stringers Chlorite 1.00» « fine-grained white kaolinite? specks Clay 1.00» « fine-grained brown specks Biotite 278.90-279.1																
		<b>MINERALIZATION</b>  « fine-grained disseminations, veinlets, clots Pyrite 7.00%»																
		<b>STRUCTURE</b>																
272.30	274.30											272.30	274.30	2.00	E799417	0.010	61.0	5.00
274.30	277.40											274.30	277.40	3.10	E799419	0.010	85.0	15.00
277.40	280.40											277.40	280.40	3.00	E799420	0.020	95.0	24.00
280.40	283.50											280.40	283.50	3.10	E799421	0.010	70.0	17.00
283.50	286.50											283.50	286.50	3.00	E799422	0.010	82.0	12.00

From	To	Rocktype & Description	By	Clays	Chl	Pbs	Py	Ep	Mhp	mhpasc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		<p>&lt; @ 272.30 sharp, intrusive Upper Contact 60.00° &gt;</p> <p>&lt; @ 272.30 sharp - possible intrusive? Lower Contact &gt;</p> <p>PIMA Sample:</p> <p>EC246_278.9m</p> <p>results: silica, chlorite (Mg-fe), probable smectite</p>															
286.50	287.60													E799423	0.010	80.0	19.00
287.60	289.60													E799424	0.020	70.0	9.00
289.60	292.60													E799425	0.010	46.0	16.00
292.60	295.70													E799426	0.010	43.0	17.00
295.70	298.50													E799427	-0.010	31.0	12.00
298.50	301.80													E799428	0.010	40.0	19.00
301.80	304.80													E799429	0.010	68.0	30.00
304.80	307.80													E799430	0.020	94.0	18.00
307.80	309.90													E799431	0.070	111.0	15.00
														E799432	0.010	136.0	13.00
287.30	309.90	<p>JB7</p> <p>Grey-brown pyrite-biotite-clay +/- chlorite altered unit. Upper contact is sharp, and unit itself is homogenous; likely, a primary lithological change, possibly from bedded tuff to massive flow? - as well as the addition of pervasive biotite and clay - marks the boundary between the overlying unit and this one. Very fine-grained biotite alteration is pervasive over unit, as a weak honey brown speckling. White, dusty clay - kaolinite? - also speckles unit. Minor chlorite filling fractures. Finely disseminated pyrite and lesser fracture fill/stringers, 5%. Below 300, biotite alteration increases in intensity, and stringers of chlorite - pyrite are common.</p> <p>ALTERATION</p> <p>« pervasive, as fine-grained speckles Biotite 2.50-3.50»</p> <p>« fine-grained specks - kaolinite? Clay 2.50»</p> <p>« fracture fill, stringers Chlorite 0.50-1.50»</p> <p>« stringers Calcite »</p> <p>MINERALIZATION</p> <p>« very fine-grained disseminations, stringers Pyrite 5.00%»</p> <p>STRUCTURE</p> <p>&lt; @ 287.30 sharp Upper Contact 75.00° &gt;</p> <p>&lt; @ 293.00 quartz-pyrite-chlorite, planar Vein 25.00° 8.00cm &gt;</p> <p>&lt; @ 307.50 leached calc-qtz-chl-py Vein 22.00° 9.00cm &gt;</p> <p>PIMA Sample:</p>															

Project: Hushamu05												Hole Number: EC-246							
From	To	Rocktype & Description		bl	blgys	bl	hbs	py	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm	
EC246_295.3m																			
results: silica, weak chlorite (Mg-Fe), probable smectite																			
309.90	318.80	JB7																	
Grey, silicified and pyritic altered volcanics. Primary texture visible locally through alteration, as laminations/banding 75-85 TCA, likely mimicing bedding in an ash tuff? Fine calcite filled fracture network. Chlorite-pyrite stringers, fine-grained specks of chlorite, epidote clots, and late white quartz veins. Patchy pink stain - hematite? - seen locally. Pyrite - 3-5% - as very fine-grained disseminations, stringers and in rare quartz-pyrite veins.																			
« Silicification 3.00»																			
« pink, patchy stain Hematite 0.50»																			
« fracture filling Calcite »																			
« stringers, fine-grained specks Chlorite 1.00»																			
« fine-grained dissemination, stringers Pyrite 3.00-5.00%»																			
< @ 309.90 sharp Upper Contact 70.00° >																			
< @ 318.80 sharp Lower Contact 50.00° >																			
PIMA Sample:																			
EC246_314m																			
results: silica, chlorite (Mg-Fe)																			
318.80	324.70	JB7																	
Grey to grey-pink, silicified, pyritic, chlorite-biotite-hematite altered pophyrytic unit. White altered feldspar phenocrysts to 7mm. Finely disseminated to clotty, fracture fill and veining pyrite. Stringers of dark green chlorite +/- pyrite. Pink hematite staining, Alteration of mafics to chlorite and brown biotite.																			
« Silicification 2.00»																			
« stringers, alteration of mafics Chlorite 1.50»																			
« brown, alteration of mafics Biotite 1.00»																			
« very finely disseminated, stringers, clots Pyrite 4.00-6.00%»																			
« pink, patchy Hematite 0.50»																			

Project: Hushamu05												Hole Number: EC-246											
From	To	Rocktype & Description	By	Clays	Ch	Hls	Py	Ep	Mp	mp/psic	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm						
324.70	329.10	JB7 Grey to grey-pink and grey-green, banded and laminated 70-75 TCa, altered volcanics - bedded ash tuff? Alteration as above - silica-pyrite-chlorite-hematite. « Silicification 2.00» « Chlorite 1.00» « pink, patchy Hematite 0.50» « finely disseminated, stringers Pyrite 4.00-6.00%»	0	4	0	4	0	4	0	10	0	3	0	3	0.5	100	324.70	326.10	1.40	E799441	0.020	79.0	15.00
											326.10	329.10	3.00	E799442	0.020	57.0	8.00						
329.10	331.50	JB7 Grey-green porphyritic, altered unit. White, ghosted and altered feldspar phenocrysts still visible through alteration. Chlorite-biotite-pyrite alteration with minor, weak silicification. Alteration as above. « patchy, very weak Silicification 0.50» « minor, patchy Biotite 0.50» « altering mafics, stringers Chalcantinite 1.00» « fine-grained disseminations, stringers Pyrite 4.00%»  PIMA Sample:  EC246_331.5m  results: illite/smectite, chlorite (Mg-Fe), ?silica, illite, chlorite (Mg-Fe)																					
												329.10	331.50	2.40	E799443	0.070	35.0	23.00					
331.50	359.60	JB7 Grey-brown-green chlorite-pyrite-hematite-biotite-clay altered volcanics. Some primary textures visible through alteration, and unit appears to be interbedded flows, porphyritic units and bedded to massive tuffs. Brown biotite occurs as fine-grained alteration of mafics/groundmass and honey brown staining. Chlorite occurs as alteration of mafics/groundmass and fine-grained halos to pyrite stringers Clay altered, except where local strong silicification is seen, and unit is often speckles with small white dusty kaolinite. Minor pink to purple hematite staining. Several vuggy/leached quartz-chlorite-sericite-pyrite veins with drusy quartz lined vugs. Below 345, unit is much more chloritic, and biotite all but disappears. From 355-358, quartz, calcite and quartz calcite veins cut rock, often smeared to very irregular., 60-90 TCA.																					
												331.50	335.30	3.80	E799444	0.010	40.0	53.00					
												335.30	338.30	3.00	E799445	0.010	24.0	13.00					
												338.30	341.40	3.10	E799446	-0.010	39.0	16.00					
												341.40	344.40	3.00	E799447	0.020	57.0	4.00					
												344.40	347.50	3.10	E799448	0.020	71.0	6.00					
												347.50	350.50	3.00	E799449	0.020	85.0	5.00					
												350.50	353.60	3.10	E799450	0.020	40.0	8.00					
												353.60	356.60	3.00	E793731	0.010	87.0	13.00					
												356.60	359.60	3.00	E793732	0.010	43.0	6.00					

Project: Hushamu05

Hole Number: EC-246

From	To	Rocktype & Description	bl	blgys	bl	ms	py	ep	mp	mpgusc	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm
		ALTERATION															
		« 331.50- 345.00 alteration of mafics/groundmass Chlorite 1.00»															
		« brown patchy alteration of mafics/groundmass Biotite 2.00»															
		« 345.00- 359.60 waxy green, stringers, clots Chlorite 2.00»															
		« 348.00- 352.00 Silicification 3.00»															
		« 331.50- 345.00 pink-purple staining Hematite 0.50»															
		MINERALIZATION															
		« finely disseminated Pyrite 3.00%»															
		STRUCTURE															
		< @ 331.50 drusy qtz-qtz-chl-ser Vein 30.00° 15.00cm >															
		< @ 347.10 quartz-calcite-sericite Vein 2.00-10.00° 6.00cm >															
		< @ 352.80 vuggy qtz-calc-chl-clay-ser-py Vein 35.00° 16.00cm >															
		< @ 353.70 laminated, grey Bedding (S0) 60.00° >															
		PIMA Samples:															
		EC246_347.5m															
		results: silica, chlorite, ?smectite															
359.60	384.00	J11															
		Dark green, fine-grained to very fine-grained post mineral diorite intrusive. Fine calcite and epidote stringers, weakly silicified.															
		« Silicification 1.00»															
		< @ 383.80 qtz-calc-ser-chl Vein 35.00° 11.00cm >															



Project: Hushamu05

Hole Number: EC-246

From	To	Rocktype & Description	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	Sy	From	To	Width	Sample	Au ppm	Cu ppm	Mo ppm		
384.00	384.00	EOH																						

# Drill Log Legend

CASING	CASN
	EOH
	JB7
	JBa
	JBa5
	JBa6

	J11
	J12
	OVBD
	bedding
	fault
	fault beccia

	fault breccia
	fault gouge
	vein
	veinlet



## DRILL LOG

<b>Project:</b> Hushamu	<b>Collar Elevation (m):</b> 190.0
<b>Hole</b> EC-247	<b>Azimuth (°):</b> 245
<b>Location:</b> 5619605 m North 571475 m East	<b>Dip (°):</b> -60.0
<b>Logged by:</b> Not logged	<b>Length (m):</b> 88.40
<b>Drilled by:</b> Peak Drilling	<b>Horizontal Projection:</b>
<b>Assayed by:</b> No samples	<b>Vertical Projection:</b>
<b>Core Size:</b> NQ2	
<b>Date Started:</b> 2007/04/13	<b>Date Completed:</b> 2007/04/17
<b>Dip Tests By:</b> none	
<b>Objective</b> Test Cougar Zone.	

### Summary Log:

0.00 - 88.40 CASING: Hole abandoned in overburden

**Appendix E: 2003 Drill Hole Re-sampling**

2003 DDH Re-sampling

Sample Number	Hole	From	To	Interval	Au ppm	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Certificate
BEACH-03-01 6-15	BEACH-03-01	1.8	4.6	2.7	<0.01	<0.5	48	68	1	14	<5	60	VA07021959
BEACH-03-01 15-25	BEACH-03-01	4.6	7.6	3.0	0.01	<0.5	41	52	4	6	<5	47	VA07021959
BEACH-03-01 25-35	BEACH-03-01	7.6	10.7	3.0	<0.01	<0.5	33	66	4	12	<5	118	VA07021959
BEACH-03-01 35-45	BEACH-03-01	10.7	13.7	3.0	<0.01	<0.5	38	48	1	14	<5	50	VA07021959
BEACH-03-01 45-52	BEACH-03-01	13.7	15.8	2.1	<0.01	<0.5	5	38	<1	4	<5	46	VA07021959
BEACH-03-01 52-60	BEACH-03-01	15.8	18.3	2.4	<0.01	<0.5	6	44	<1	9	<5	71	VA07021959
BEACH-03-02 0-10	BEACH-03-02	0.0	3.0	3.0	<0.01	<0.5	407	19	6	57	<5	61	VA07021959
BEACH-03-02 10-20	BEACH-03-02	3.0	6.1	3.0	<0.01	<0.5	117	11	7	28	<5	42	VA07021959
BEACH-03-02 20-30	BEACH-03-02	6.1	9.1	3.0	<0.01	<0.5	64	12	5	14	<5	29	VA07021959
BEACH-03-02 30-40	BEACH-03-02	9.1	12.2	3.0	<0.01	<0.5	34	9	4	16	<5	32	VA07021959
BEACH-03-02 40-50	BEACH-03-02	12.2	15.2	3.0	<0.01	<0.5	49	15	6	15	<5	23	VA07021959
BEACH-03-02 50-60	BEACH-03-02	15.2	18.3	3.0	<0.01	<0.5	15	24	1	16	<5	106	VA07021959
BEACH-03-03 0-10	BEACH-03-03	0.0	3.0	3.0	<0.01	<0.5	18	10	7	94	<5	20	VA07021959
BEACH-03-03 10-20	BEACH-03-03	3.0	6.1	3.0	<0.01	<0.5	26	19	3	55	<5	15	VA07021959
BEACH-03-03 20-30	BEACH-03-03	6.1	9.1	3.0	<0.01	<0.5	26	10	2	33	<5	12	VA07021959
P100-03-39 0-5	P100-03-39	0.0	1.5	1.5	<0.01	<0.5	<5	12	3	41	<5	2	VA07021959
P100-03-39 5-10	P100-03-39	1.5	3.0	1.5	<0.01	<0.5	<5	15	7	31	5	2	VA07021959
P100-03-39 10-15	P100-03-39	3.0	4.6	1.5	<0.01	<0.5	<5	9	8	28	<5	2	VA07021959
P100-03-39 15-20	P100-03-39	4.6	6.1	1.5	<0.01	<0.5	<5	16	15	46	<5	4	VA07021959
P100-03-39 20-25	P100-03-39	6.1	7.6	1.5	0.01	<0.5	9	15	7	38	<5	4	VA07021959
P100-03-39 25-30	P100-03-39	7.6	9.1	1.5	<0.01	<0.5	12	26	4	29	<5	3	VA07021959
P100-03-39 30-35	P100-03-39	9.1	10.7	1.5	<0.01	<0.5	14	37	3	44	8	6	VA07021959
P100-03-39 35-40	P100-03-39	10.7	12.2	1.5	<0.01	0.5	8	25	2	65	5	7	VA07021959
P100-03-39 40-45	P100-03-39	12.2	13.7	1.5	<0.01	<0.5	10	10	2	45	7	3	VA07021959
P100-03-39 45-50	P100-03-39	13.7	15.2	1.5	<0.01	<0.5	5	22	3	17	<5	2	VA07021959
P100-03-40 0-5	P100-03-40	0.0	1.5	1.5	<0.01	<0.5	<5	8	4	63	<5	9	VA07021959
P100-03-40 5-10	P100-03-40	1.5	3.0	1.5	<0.01	<0.5	<5	9	6	67	6	4	VA07021959
P100-03-40 10-15	P100-03-40	3.0	4.6	1.5	<0.01	<0.5	9	7	4	60	7	4	VA07021959
P100-03-40 15-20	P100-03-40	4.6	6.1	1.5	<0.01	<0.5	14	11	10	105	8	3	VA07021959
P100-03-40 20-25	P100-03-40	6.1	7.6	1.5	<0.01	<0.5	23	120	11	96	8	3	VA07021959
P100-03-40 25-30	P100-03-40	7.6	9.1	1.5	<0.01	<0.5	6	88	9	55	<5	9	VA07021959
P100-03-40 30-35	P100-03-40	9.1	10.7	1.5	<0.01	<0.5	13	111	7	62	<5	17	VA07021959
P100-03-40 35-40	P100-03-40	10.7	12.2	1.5	<0.01	<0.5	12	73	7	41	<5	7	VA07021959
P100-03-40 40-45	P100-03-40	12.2	13.7	1.5	0.01	<0.5	14	80	3	42	11	10	VA07021959
P100-03-40 45-50	P100-03-40	13.7	15.2	1.5	<0.01	0.5	16	159	4	50	6	5	VA07021959
P100-03-41 0-5	P100-03-41	0.0	1.5	1.5	<0.01	<0.5	5	12	6	35	<5	3	VA07021959
P100-03-41 5-10	P100-03-41	1.5	3.0	1.5	<0.01	<0.5	<5	6	5	26	<5	3	VA07021959
P100-03-41 10-15	P100-03-41	3.0	4.6	1.5	<0.01	<0.5	<5	5	6	26	<5	2	VA07021959
P100-03-41 15-20	P100-03-41	4.6	6.1	1.5	0.01	<0.5	5	6	4	50	<5	2	VA07021959
P100-03-41 20-25	P100-03-41	6.1	7.6	1.5	<0.01	<0.5	27	28	3	69	5	2	VA07021959
P100-03-41 25-30	P100-03-41	7.6	9.1	1.5	<0.01	<0.5	5	14	2	20	<5	3	VA07021959
P100-03-41 30-35	P100-03-41	9.1	10.7	1.5	<0.01	0.6	29	107	4	50	6	6	VA07021959
P100-03-41 35-40	P100-03-41	10.7	12.2	1.5	<0.01	<0.5	34	219	3	55	6	6	VA07021959

2003 DDH Re-sampling

P100-03-41 40-45	P100-03-41	12.2	13.7	1.5	<0.01	<0.5	<5	175	6	51	6	5	VA07021959
P100-03-41 45-50	P100-03-41	13.7	15.2	1.5	<0.01	0.8	8	220	2	50	7	2	VA07021959
P193-03-02 0-10	P193-03-02	0.0	3.0	3.0	<0.01	<0.5	167	27	240	12	6	5	VA07021959
P193-03-02 10-20	P193-03-02	3.0	6.1	3.0	0.02	<0.5	163	141	154	42	7	15	VA07021959
P193-03-02 20-28	P193-03-02	6.1	8.5	2.4	0.01	0.6	71	109	6	23	<5	52	VA07021959
P193-03-02 28-38	P193-03-02	8.5	11.6	3.0	<0.01	8.8	40	61	27	47	<5	18	VA07021959
P193-03-02 38-50	P193-03-02	11.6	15.2	3.7	<0.01	1.8	17	263	8	22	<5	38	VA07021959
P193-03-02 50-58	P193-03-02	15.2	17.7	2.4	<0.01	0.9	14	113	6	14	<5	121	VA07021959
P193-03-02 58-70	P193-03-02	17.7	21.3	3.7	<0.01	0.5	<5	94	1	11	<5	57	VA07021959
P193-03-02 70-80	P193-03-02	21.3	24.4	3.0	<0.01	<0.5	<5	96	3	10	<5	53	VA07021959
P193-03-02 80-90	P193-03-02	24.4	27.4	3.0	0.01	<0.5	5	86	2	15	<5	201	VA07021959
P193-03-02 90-100	P193-03-02	27.4	30.5	3.0	<0.01	<0.5	18	72	3	26	<5	165	VA07021959
P193 otcp					<0.01	1	17	147	18	14	7	3	VA07021959
WN-M-03-01 3-10	WN-M-03-01	0.9	3.0	2.1	<0.01	<0.5	10	3	2	3	7	4	VA07021959
WN-M-03-01 10-20	WN-M-03-01	3.0	6.1	3.0	<0.01	<0.5	32	55	5	11	8	4	VA07021959
WN-M-03-01 20-30	WN-M-03-01	6.1	9.1	3.0	<0.01	0.6	46	138	6	36	<5	8	VA07021959
WN-M-03-01 30-40	WN-M-03-01	9.1	12.2	3.0	<0.01	<0.5	70	201	4	127	<5	19	VA07021959
WN-M-03-01 40-50	WN-M-03-01	12.2	15.2	3.0	<0.01	<0.5	27	221	3	105	<5	20	VA07021959
WN-M-03-01 50-60	WN-M-03-01	15.2	18.3	3.0	<0.01	<0.5	14	173	5	71	<5	15	VA07021959
WN-M-03-02 0-10	WN-M-03-02	0.0	3.0	3.0	0.01	<0.5	57	60	4	31	5	9	VA07021959
WN-M-03-02 10-20	WN-M-03-02	3.0	6.1	3.0	<0.01	<0.5	23	76	1	44	<5	8	VA07021959
WN-M-03-02 20-30	WN-M-03-02	6.1	9.1	3.0	0.01	<0.5	33	66	2	30	<5	4	VA07021959
WN-M-03-02 30-40	WN-M-03-02	9.1	12.2	3.0	<0.01	<0.5	8	57	2	23	<5	6	VA07021959
WN-M-03-03 0-15	WN-M-03-03	0.0	4.6	4.6	<0.01	<0.5	46	58	2	38	<5	9	VA07021959
WN-M-03-03 15-25	WN-M-03-03	4.6	7.6	3.0	0.01	<0.5	32	68	1	56	<5	6	VA07021959
WN-M-03-03 25-35	WN-M-03-03	7.6	10.7	3.0	<0.01	<0.5	172	52	2	47	<5	7	VA07021959
WN-M-03-03 35-45	WN-M-03-03	10.7	13.7	3.0	<0.01	<0.5	32	56	2	16	<5	6	VA07021959
WN-M-03-03 45-55	WN-M-03-03	13.7	16.8	3.0	<0.01	<0.5	48	50	2	8	<5	5	VA07021959
WN-M-03-03 55-65	WN-M-03-03	16.8	19.8	3.0	0.01	<0.5	12	69	2	6	6	2	VA07021959
WN-M-03-03 65-73	WN-M-03-03	19.8	22.3	2.4	<0.01	<0.5	26	71	3	5	5	3	VA07021959
WN-M-03-04 26-36	WN-M-03-04	7.9	11.0	3.0	0.01	<0.5	29	86	2	16	<5	3	VA07021959
WN-M-03-04 36-46	WN-M-03-04	11.0	14.0	3.0	<0.01	<0.5	7	80	<1	25	<5	6	VA07021959
WN-M-03-04 46-56	WN-M-03-04	14.0	17.1	3.0	<0.01	<0.5	16	83	2	22	<5	5	VA07021959
WN-M-03-04 56-66	WN-M-03-04	17.1	20.1	3.0	<0.01	<0.5	29	47	1	22	<5	6	VA07021959
WN-M-03-05 0-10	WN-M-03-05	0.0	3.0	3.0	<0.01	<0.5	15	60	2	28	<5	<2	VA07021959
WN-M-03-05 10-20	WN-M-03-05	3.0	6.1	3.0	<0.01	<0.5	<5	57	5	42	<5	5	VA07021959
WN-M-03-05 20-30	WN-M-03-05	6.1	9.1	3.0	<0.01	<0.5	11	55	1	26	<5	2	VA07021959
WN-M-03-05 30-40	WN-M-03-05	9.1	12.2	3.0	<0.01	<0.5	12	104	<1	27	<5	<2	VA07021959
WN-M-03-05 40-50	WN-M-03-05	12.2	15.2	3.0	<0.01	<0.5	<5	86	<1	18	<5	<2	VA07021959

**Appendix F: Certificates of Analysis**



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

Page: 1  
Finalized Date: 8-MAR-2007  
Account: EIA

## CERTIFICATE VA07017109

Project: Hushamu

P.O. No.: WRN07-01

This report is for 75 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 28-FEB-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

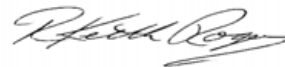
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory





# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY  
ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

Page: 2 - A  
Total # Pages: 3 (A - C)  
Finalized Date: 8-MAR-2007  
Account: EIA

Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07017109

Sample Description	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793001	1.90	0.06	<0.5	8.31	21	390	0.8	<2	0.35	0.5	17	6	130	4.70	10
E793002	2.80	0.03	<0.5	8.70	63	120	<0.5	<2	0.21	0.8	18	6	66	4.54	20
E793003	3.60	0.01	<0.5	9.09	17	220	0.8	<2	0.28	1.1	18	8	43	4.85	20
E793004	4.02	0.01	<0.5	9.00	27	800	1.2	<2	0.35	0.8	17	7	48	5.49	10
E793005	0.92	0.02	<0.5	8.67	6	460	1.0	<2	0.65	1.5	16	4	44	4.84	10
E793006	0.72	0.01	<0.5	8.68	16	320	1.1	<2	0.66	1.5	16	6	57	4.40	20
E793007	1.54	0.02	<0.5	8.41	<5	1020	1.0	<2	1.41	0.5	17	1	51	5.49	20
E793008	4.34	0.02	<0.5	8.69	6	750	1.0	2	0.94	<0.5	5	2	35	3.05	20
E793009	6.70	0.04	<0.5	8.00	26	110	<0.5	<2	0.10	3.5	16	3	64	4.62	10
E793010	7.62	0.02	<0.5	8.94	11	150	<0.5	<2	0.08	2.5	14	4	48	4.26	20
E793011	6.70	0.03	<0.5	8.73	20	90	<0.5	<2	0.08	2.4	16	10	80	5.59	20
E793012	7.84	0.08	<0.5	7.12	29	130	<0.5	<2	0.07	<0.5	5	7	28	2.98	10
E793013	6.22	0.17	<0.5	8.28	<5	80	<0.5	<2	0.05	<0.5	<1	12	7	0.53	10
E793014	8.00	0.13	<0.5	4.21	<5	270	<0.5	<2	0.03	<0.5	<1	24	5	0.27	<10
E793015	6.72	0.15	<0.5	4.58	<5	150	<0.5	<2	0.03	<0.5	<1	18	7	0.26	<10
E793016	7.86	0.12	<0.5	4.90	<5	110	<0.5	<2	0.03	<0.5	<1	13	13	0.28	<10
E793017	8.54	0.10	<0.5	4.27	<5	160	<0.5	<2	0.02	<0.5	<1	18	3	0.20	<10
E793018	8.38	0.11	<0.5	4.47	<5	130	<0.5	<2	0.03	<0.5	<1	23	8	0.21	<10
E793019	8.24	0.11	<0.5	7.18	<5	80	<0.5	<2	0.04	<0.5	<1	19	27	0.22	<10
E793020	9.14	0.09	<0.5	8.60	<5	60	<0.5	<2	0.09	<0.5	9	46	16	1.67	<10
E793021	0.10	0.02	<0.5	0.05	<5	10	<0.5	<2	0.04	<0.5	1	1	1	0.02	<10
E793022	7.72	0.09	<0.5	8.44	8	70	<0.5	<2	0.12	1.1	11	18	36	2.49	<10
E793023	Not Recvd														
E793024	0.74	0.02	<0.5	10.70	<5	710	<0.5	<2	0.09	1.0	3	9	35	0.61	20
E793025	8.08	0.12	<0.5	6.67	7	110	<0.5	<2	0.09	0.6	14	16	56	3.43	<10
E793026	3.94	0.09	<0.5	6.36	5	180	<0.5	<2	0.22	0.9	28	17	35	6.13	<10
E793027	3.96	0.08	<0.5	7.86	8	180	<0.5	<2	0.57	0.8	6	16	32	2.45	<10
E793028	7.56	0.09	<0.5	5.38	<5	80	<0.5	<2	0.12	0.5	1	26	15	0.84	<10
E793029	7.08	0.08	<0.5	4.51	<5	80	<0.5	<2	0.09	0.5	3	36	16	1.05	<10
E793030	4.60	0.12	<0.5	3.40	<5	350	<0.5	<2	0.04	<0.5	<1	29	11	1.04	<10
E793031	3.88	0.18	<0.5	2.13	<5	380	<0.5	<2	0.02	<0.5	<1	32	6	0.38	<10
E793032	2.34	0.11	<0.5	2.61	<5	390	<0.5	<2	0.05	<0.5	<1	36	5	0.37	<10
E793033	0.08	0.18	0.8	6.10	1320	3170	1.8	<2	2.14	2.8	12	108	51	3.28	10
E793034	2.34	0.10	<0.5	2.24	<5	380	<0.5	<2	0.04	0.5	1	34	11	0.37	<10
E793035	5.32	0.17	<0.5	3.67	<5	310	<0.5	<2	0.03	<0.5	1	36	7	0.37	<10
E793036	3.82	0.16	<0.5	5.99	<5	70	<0.5	<2	0.14	0.6	1	18	9	0.23	<10
E793037	5.88	0.13	<0.5	3.23	<5	300	<0.5	<2	0.02	<0.5	<1	32	4	0.40	<10
E793038	6.22	0.08	<0.5	1.41	<5	290	<0.5	<2	0.02	<0.5	<1	59	5	0.38	<10
E793039	8.06	0.08	<0.5	1.95	<5	310	<0.5	<2	0.02	<0.5	<1	29	5	0.46	<10
E793040	7.10	0.10	<0.5	1.86	<5	340	<0.5	<2	0.02	<0.5	1	31	7	0.41	<10



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793001		2.31	10	0.72	166	5	0.11	4	550	4	4.68	<5	20	35	<20	0.34
E793002		1.20	10	0.13	42	3	0.04	6	560	9	5.13	5	20	16	<20	0.42
E793003		2.70	10	0.91	582	2	0.04	5	590	14	5.61	<5	22	14	<20	0.41
E793004		2.68	10	1.57	933	2	0.04	6	670	18	6.17	<5	23	19	<20	0.41
E793005		2.19	10	1.98	1320	1	0.33	3	660	17	3.59	5	20	45	<20	0.44
E793006		2.36	10	2.02	1510	1	0.20	2	700	23	3.95	<5	20	32	<20	0.43
E793007		1.89	10	2.60	1785	<1	1.08	<1	940	<2	0.12	<5	20	144	<20	0.53
E793008		2.53	10	0.85	1025	1	2.12	<1	870	12	0.92	<5	13	140	<20	0.34
E793009		0.78	10	0.14	72	5	0.06	4	570	51	5.23	6	17	380	<20	0.18
E793010		0.76	10	0.09	37	5	0.07	4	600	75	5.00	<5	21	238	<20	0.25
E793011		0.13	10	0.03	29	10	0.02	6	770	131	6.55	<5	14	336	<20	0.36
E793012		0.95	10	0.01	20	22	0.18	3	740	155	4.51	<5	7	557	<20	0.27
E793013		2.39	10	0.01	18	14	0.53	<1	570	184	6.61	5	5	796	<20	0.34
E793014		1.12	<10	0.01	32	16	0.25	<1	150	90	3.14	5	4	333	<20	0.51
E793015		1.10	<10	0.01	31	29	0.24	<1	180	109	3.13	<5	4	383	<20	0.43
E793016		1.31	<10	0.01	25	37	0.25	<1	160	93	3.63	5	4	418	<20	0.39
E793017		1.13	<10	0.01	31	33	0.20	<1	150	86	2.94	<5	3	364	<20	0.42
E793018		1.20	<10	0.01	27	37	0.24	<1	140	108	3.23	5	3	336	<20	0.41
E793019		2.10	10	0.01	17	74	0.47	<1	320	267	5.88	7	4	658	<20	0.46
E793020		2.34	20	0.01	21	72	0.64	2	650	200	8.75	6	3	986	<20	0.27
E793021		<0.01	<10	0.02	<5	<1	<0.01	<1	10	<2	0.01	<5	<1	2	<20	0.01
E793022		1.97	10	0.02	23	94	0.53	4	600	313	7.88	<5	4	776	<20	0.16
E793023																
E793024		0.13	20	0.02	22	64	0.01	4	720	18	0.40	<5	11	103	<20	0.44
E793025		1.25	10	0.02	25	120	0.29	5	670	276	6.67	<5	4	729	<20	0.13
E793026		1.24	20	0.01	37	80	0.41	6	1050	248	>10.0	<5	3	755	<20	0.10
E793027		1.66	20	0.01	21	422	0.50	2	1180	322	6.31	<5	4	862	<20	0.11
E793028		1.15	10	0.01	23	208	0.32	1	780	180	3.38	<5	4	735	<20	0.29
E793029		1.01	10	0.01	21	600	0.26	3	410	116	2.75	5	4	528	<20	0.28
E793030		0.62	<10	0.01	26	738	0.15	<1	350	88	1.64	<5	2	375	<20	0.20
E793031		0.43	<10	0.01	33	107	0.09	4	170	49	1.08	<5	2	239	<20	0.19
E793032		0.55	10	0.01	34	400	0.18	3	450	130	1.60	<5	2	549	<20	0.21
E793033		1.65	30	0.90	942	6	0.33	33	980	178	0.36	490	11	238	<20	0.27
E793034		0.39	<10	0.01	32	258	0.11	2	330	88	1.14	<5	3	337	<20	0.17
E793035		0.99	<10	0.01	25	1000	0.22	1	240	117	2.57	<5	2	416	<20	0.36
E793036		1.58	<10	0.01	17	1820	0.37	1	910	181	4.19	<5	2	770	<20	0.20
E793037		0.78	<10	<0.01	31	278	0.16	2	150	71	1.94	<5	2	302	<20	0.17
E793038		0.31	<10	0.01	30	147	0.08	2	110	34	0.82	<5	2	152	<20	0.18
E793039		0.46	<10	<0.01	33	201	0.10	2	120	40	1.18	<5	2	183	<20	0.20
E793040		0.49	<10	0.01	32	203	0.12	2	130	38	1.27	<5	2	182	<20	0.24



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07017109

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793001		<10	<10	180	<10	88
E793002		<10	<10	172	<10	49
E793003		<10	<10	190	<10	90
E793004		<10	<10	181	<10	79
E793005		<10	<10	177	<10	120
E793006		<10	<10	178	<10	133
E793007		<10	<10	184	<10	85
E793008		<10	<10	52	<10	77
E793009		<10	<10	127	<10	104
E793010		<10	<10	156	<10	74
E793011		<10	<10	173	<10	114
E793012		<10	<10	111	<10	20
E793013		10	<10	80	<10	9
E793014		<10	<10	39	<10	10
E793015		<10	<10	34	<10	14
E793016		<10	<10	30	<10	10
E793017		<10	<10	27	<10	13
E793018		<10	<10	27	<10	13
E793019		<10	<10	47	<10	8
E793020		<10	<10	40	<10	7
E793021		<10	<10	<1	<10	5
E793022		<10	<10	61	10	8
E793023						
E793024		<10	<10	59	<10	8
E793025		<10	<10	44	<10	9
E793026		<10	<10	26	<10	33
E793027		<10	<10	31	<10	40
E793028		<10	<10	26	<10	29
E793029		10	<10	25	<10	22
E793030		<10	<10	21	<10	49
E793031		<10	<10	17	<10	85
E793032		<10	<10	19	10	98
E793033		<10	<10	139	10	254
E793034		<10	<10	16	<10	92
E793035		<10	<10	20	<10	45
E793036		<10	<10	21	10	33
E793037		<10	<10	13	<10	39
E793038		<10	<10	10	<10	33
E793039		<10	<10	14	10	34
E793040		<10	<10	16	10	50



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## CERTIFICATE OF ANALYSIS VA07017109

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793041		7.42	0.11	<0.5	1.58	<5	270	<0.5	<2	0.02	<0.5	1	37	8	0.51	<10
E793042		7.48	0.11	<0.5	1.58	<5	290	<0.5	<2	0.02	<0.5	1	40	8	0.61	<10
E793043		7.92	0.09	<0.5	1.88	<5	280	<0.5	<2	0.02	<0.5	1	25	7	0.54	<10
E793044		7.22	0.18	<0.5	1.39	<5	290	<0.5	<2	0.02	<0.5	<1	36	11	0.78	<10
E793045		7.34	0.16	<0.5	1.07	<5	180	<0.5	<2	0.01	<0.5	<1	27	11	0.74	<10
E793046		6.98	0.19	<0.5	1.40	<5	240	<0.5	<2	0.02	<0.5	1	44	14	0.62	<10
E793047		6.90	0.08	<0.5	1.68	<5	310	<0.5	<2	0.04	<0.5	1	31	6	0.40	<10
E793048		2.50	0.17	<0.5	1.51	<5	200	<0.5	<2	0.02	<0.5	2	34	11	0.43	<10
E793049		0.34	2.24	1.6	1.67	156	40	<0.5	20	0.02	<0.5	7	<1	2900	32.3	<10
E793050		5.26	0.12	<0.5	2.27	<5	470	<0.5	<2	0.03	<0.5	3	14	33	0.65	<10
E793051		7.28	0.18	<0.5	2.81	8	600	<0.5	<2	0.09	<0.5	2	10	23	0.50	<10
E793052		3.76	0.10	<0.5	2.51	<5	470	<0.5	<2	0.08	<0.5	5	14	20	0.34	<10
E793053		4.26	0.15	<0.5	1.83	<5	220	<0.5	<2	0.01	<0.5	3	25	14	0.48	<10
E793054		7.86	0.15	<0.5	2.98	<5	360	<0.5	<2	0.04	<0.5	15	13	59	1.45	<10
E793055		7.94	0.21	<0.5	5.48	19	230	<0.5	<2	0.06	0.7	71	22	100	4.16	<10
E793056		7.62	0.17	<0.5	5.84	20	290	<0.5	<2	0.08	0.6	63	19	82	3.46	<10
E793057		8.04	0.15	<0.5	7.64	18	190	<0.5	2	0.10	0.7	40	27	85	2.71	<10
E793058		7.40	0.15	<0.5	3.75	<5	230	<0.5	<2	0.07	<0.5	24	17	61	2.29	<10
E793059		6.84	0.14	<0.5	5.58	14	470	<0.5	<2	0.19	0.6	29	22	67	2.10	<10
E793060		7.62	0.18	<0.5	9.43	11	350	<0.5	<2	0.20	0.9	62	19	89	2.72	<10
E793061		4.60	0.10	<0.5	8.07	29	400	<0.5	<2	0.20	0.9	38	19	69	1.74	<10
E793062		3.02	0.09	<0.5	2.07	<5	300	<0.5	<2	0.08	<0.5	10	25	70	1.05	<10
E793063		7.58	0.09	<0.5	2.31	<5	190	<0.5	<2	0.06	<0.5	9	14	49	1.23	<10
E793064		7.06	0.04	<0.5	1.20	<5	140	<0.5	<2	0.05	<0.5	4	16	23	0.48	<10
E793065		7.10	0.10	<0.5	5.88	13	180	<0.5	<2	0.04	<0.5	19	12	45	1.92	<10
E793066		8.10	0.13	<0.5	4.67	14	370	<0.5	<2	0.05	0.5	11	16	67	1.67	<10
E793067		3.26	0.08	<0.5	2.26	<5	300	<0.5	<2	0.05	<0.5	4	19	25	0.51	<10
E793068		3.62	0.08	<0.5	1.94	<5	290	<0.5	<2	0.05	<0.5	4	15	21	0.49	<10
E793069		5.88	0.11	<0.5	8.95	33	290	<0.5	<2	0.07	<0.5	9	14	73	0.96	<10
E793070		6.98	0.11	<0.5	8.94	17	330	<0.5	<2	0.06	0.8	13	20	64	1.72	<10
E793071		7.96	0.08	<0.5	8.17	6	230	<0.5	<2	0.04	0.8	14	11	24	0.97	<10
E793072		4.86	0.03	<0.5	1.15	<5	150	<0.5	<2	0.04	<0.5	2	6	6	0.14	<10
E793073		4.66	0.04	<0.5	0.54	<5	40	<0.5	<2	0.01	<0.5	1	14	6	0.21	<10
E793074		6.62	0.04	<0.5	1.56	<5	120	<0.5	<2	0.04	<0.5	5	11	14	0.37	<10
E793075		7.68	0.12	<0.5	9.86	30	160	<0.5	<2	0.03	1.0	10	12	72	1.07	<10



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## CERTIFICATE OF ANALYSIS VA07017109

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793041		0.40	<10	<0.01	36	262	0.11	3	120	37	1.11	<5	1	145	<20	0.20
E793042		0.38	<10	<0.01	35	442	0.11	5	140	44	1.09	<5	2	168	<20	0.15
E793043		0.39	<10	<0.01	29	350	0.13	1	160	47	1.13	<5	2	181	<20	0.21
E793044		0.29	<10	<0.01	28	988	0.08	1	180	42	0.81	<5	1	176	<20	0.13
E793045		0.25	<10	<0.01	28	467	0.07	2	90	33	0.69	<5	1	92	<20	0.13
E793046		0.34	<10	<0.01	30	234	0.08	3	210	29	0.99	<5	1	136	<20	0.14
E793047		0.26	10	<0.01	23	107	0.09	2	430	88	0.81	<5	2	341	<20	0.24
E793048		0.11	<10	<0.01	18	337	0.03	1	160	42	0.45	<5	1	134	<20	0.28
E793049		0.01	<10	<0.01	14	59	<0.01	2	150	66	>10.0	<5	1	84	<20	0.03
E793050		0.22	<10	0.01	20	193	0.06	2	200	39	0.98	<5	1	196	<20	0.21
E793051		0.54	10	0.01	12	207	0.17	1	870	114	1.72	<5	1	443	<20	0.20
E793052		0.45	10	0.01	11	157	0.21	1	630	153	1.77	<5	1	423	<20	0.19
E793053		0.32	<10	<0.01	18	289	0.12	<1	80	50	1.10	<5	1	93	<20	0.18
E793054		0.33	10	<0.01	15	388	0.15	5	400	126	2.50	<5	1	293	<20	0.17
E793055		0.12	20	<0.01	10	78	0.07	35	550	80	4.87	<5	2	220	<20	0.12
E793056		0.15	20	<0.01	11	85	0.09	34	670	66	4.22	<5	2	185	<20	0.13
E793057		0.59	20	<0.01	7	80	0.23	24	870	146	4.58	<5	2	379	<20	0.19
E793058		0.47	10	<0.01	13	211	0.16	12	710	169	3.55	<5	1	445	<20	0.18
E793059		0.24	20	0.09	47	298	0.08	17	760	128	2.09	<5	2	377	<20	0.16
E793060		0.24	20	0.04	26	57	0.13	35	800	107	3.52	<5	3	194	<20	0.23
E793061		0.20	10	0.06	29	47	0.12	20	880	109	2.33	8	3	246	<20	0.16
E793062		0.04	10	0.03	26	76	0.02	5	300	79	0.99	<5	1	279	<20	0.19
E793063		0.02	10	0.02	21	154	0.01	4	190	44	1.00	<5	1	199	<20	0.11
E793064		0.02	<10	0.02	19	64	0.01	3	200	29	0.30	<5	1	150	<20	0.14
E793065		0.01	30	0.01	10	137	0.02	9	500	111	1.90	<5	2	497	<20	0.12
E793066		0.01	30	0.01	12	130	0.02	8	690	166	1.60	<5	2	652	<20	0.18
E793067		0.01	20	0.01	12	63	0.01	1	570	157	0.42	<5	1	449	<20	0.13
E793068		0.01	20	0.01	11	71	0.01	2	590	160	0.40	<5	1	473	<20	0.13
E793069		0.01	20	0.01	7	36	0.04	5	820	155	1.02	<5	2	312	<20	0.11
E793070		0.01	20	0.01	8	56	0.05	8	810	177	1.85	<5	2	511	<20	0.07
E793071		0.01	10	<0.01	6	38	0.04	7	670	120	1.05	<5	3	546	<20	0.10
E793072		0.01	10	<0.01	7	61	0.01	1	460	61	0.09	<5	2	312	<20	0.13
E793073		0.01	<10	<0.01	11	55	<0.01	2	90	16	0.05	<5	1	48	<20	0.17
E793074		0.01	10	<0.01	8	45	0.01	1	420	31	0.30	<5	1	216	<20	0.10
E793075		0.01	20	0.01	5	57	0.02	4	660	58	1.12	<5	3	646	<20	0.13



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07017109</b>
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Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793041	<10	<10	17	10	21
E793042	<10	<10	14	<10	30
E793043	<10	<10	18	<10	35
E793044	<10	<10	12	<10	22
E793045	<10	<10	17	<10	21
E793046	<10	<10	16	<10	20
E793047	<10	<10	22	10	22
E793048	<10	<10	22	10	21
E793049	<10	<10	7	10	6
E793050	<10	<10	23	<10	24
E793051	<10	<10	27	<10	21
E793052	<10	<10	29	<10	12
E793053	<10	<10	16	<10	18
E793054	<10	<10	22	<10	9
E793055	<10	<10	35	<10	5
E793056	<10	<10	40	<10	6
E793057	<10	<10	44	<10	7
E793058	<10	<10	21	<10	9
E793059	<10	<10	38	<10	10
E793060	<10	<10	79	<10	9
E793061	<10	<10	55	<10	10
E793062	<10	<10	22	<10	14
E793063	<10	<10	19	<10	11
E793064	<10	<10	12	<10	13
E793065	<10	<10	28	10	10
E793066	<10	<10	29	<10	10
E793067	<10	<10	16	<10	10
E793068	<10	<10	14	<10	10
E793069	<10	<10	52	<10	12
E793070	<10	<10	47	<10	18
E793071	<10	<10	51	<10	13
E793072	<10	<10	13	<10	11
E793073	<10	<10	11	<10	12
E793074	<10	<10	12	<10	14
E793075	<10	<10	38	<10	17



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## CERTIFICATE VA07038932

Project: Hushamu

P.O. No.: WRN07-01

This report is for 60 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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CERTIFICATE OF ANALYSIS	VA07038932
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793726	8.96	0.02	<0.5	7.07	<5	90	0.5	<2	2.51	<0.5	11	3	325	7.49	10
E793727	3.38	0.02	<0.5	7.47	<5	100	0.8	<2	1.62	<0.5	9	18	213	6.45	10
E793728	6.18	0.02	<0.5	7.55	<5	80	0.9	<2	1.76	<0.5	9	4	198	4.75	10
E793729	0.14	<0.01	<0.5	0.07	<5	10	<0.5	<2	0.01	<0.5	<1	1	2	0.03	<10
E793730	7.38	0.01	<0.5	7.55	<5	80	1.0	<2	1.34	<0.5	7	6	227	6.19	10
E799365	7.56	1.58	1.4	4.00	<5	640	1.2	<2	0.46	<0.5	9	12	2010	5.25	10
E799366	7.42	1.28	2.1	4.42	<5	1130	1.1	<2	0.33	<0.5	16	5	2240	8.18	10
E799367	0.08	3.35	42.3	4.63	26	620	0.6	<2	1.04	0.5	2	22	4490	1.46	10
E799368	7.48	0.01	2.9	4.14	<5	890	1.0	<2	0.77	<0.5	14	6	2090	6.64	10
E799369	7.58	2.32	2.9	4.45	<5	1110	1.1	<2	0.34	<0.5	18	5	1930	9.25	10
E799370	7.44	1.92	1.8	4.51	<5	1120	1.1	<2	0.77	<0.5	14	6	1500	7.25	10
E799371	7.42	0.85	0.6	4.41	<5	980	1.0	<2	1.43	<0.5	18	7	469	7.82	10
E799372	7.44	1.83	0.9	4.05	<5	1190	1.0	<2	1.20	<0.5	13	6	1180	7.51	10
E799373	6.94	1.40	1.2	3.91	<5	1040	1.0	<2	0.80	0.5	15	5	1350	7.79	10
E799374	5.94	1.37	1.4	4.16	<5	740	0.9	<2	1.12	<0.5	14	4	1450	8.68	10
E799375	2.34	0.13	0.7	7.45	<5	980	0.8	<2	2.50	<0.5	13	5	550	4.80	10
E799376	8.18	0.09	<0.5	7.54	<5	920	0.8	<2	2.20	<0.5	13	4	85	4.41	10
E799377	8.22	0.11	<0.5	7.33	<5	1030	0.7	<2	2.55	<0.5	12	4	140	4.09	10
E799378	8.44	0.07	<0.5	7.61	<5	1200	0.7	<2	2.21	<0.5	12	5	51	4.08	10
E799379	8.90	0.03	<0.5	7.82	<5	1180	0.7	<2	2.07	<0.5	9	4	40	3.95	10
E799380	8.32	0.03	<0.5	8.03	5	1250	0.7	<2	1.90	<0.5	10	4	67	3.94	20
E799381	7.74	0.01	<0.5	8.91	<5	1090	0.7	<2	2.97	<0.5	12	1	53	4.34	20
E799382	8.28	<0.01	<0.5	8.06	<5	1050	0.8	<2	2.07	<0.5	11	4	58	3.92	10
E799383	8.48	0.07	<0.5	7.73	<5	980	0.7	<2	1.97	<0.5	11	4	130	4.06	10
E799384	4.00	0.03	<0.5	7.69	<5	950	0.7	<2	2.55	<0.5	10	4	56	4.40	10
E799385	4.14	0.03	<0.5	7.81	<5	950	0.7	<2	2.45	0.6	9	4	53	4.33	10
E799386	9.14	0.01	<0.5	7.91	<5	390	0.9	<2	1.98	<0.5	10	5	83	4.07	10
E799387	7.36	0.32	0.6	6.36	6	890	1.3	<2	0.77	<0.5	14	4	465	6.94	10
E799388	0.30	0.01	<0.5	0.07	<5	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10
E799389	6.42	2.38	0.5	4.57	5	90	<0.5	<2	0.07	<0.5	14	11	4280	2.11	20
E799390	7.26	2.81	1.3	4.96	7	30	<0.5	<2	0.08	<0.5	11	12	4440	1.80	20
E799391	7.70	3.06	0.5	6.29	5	60	<0.5	<2	0.06	<0.5	26	10	4220	3.38	30
E799392	7.62	1.67	<0.5	2.67	5	50	<0.5	<2	0.05	<0.5	30	9	1210	1.43	10
E799393	7.24	2.23	<0.5	3.31	<5	250	<0.5	<2	0.07	<0.5	25	12	2080	1.40	10
E799394	5.44	3.20	<0.5	6.50	15	80	<0.5	<2	0.12	<0.5	10	6	1270	1.36	10
E799395	8.56	0.52	<0.5	2.85	6	130	<0.5	<2	0.07	<0.5	9	4	379	0.61	<10
E799396	7.92	1.04	<0.5	6.60	8	190	<0.5	<2	0.07	<0.5	21	10	1220	2.38	30
E799397	6.58	1.49	<0.5	4.95	14	430	<0.5	<2	0.37	<0.5	12	7	2270	1.51	20
E799398	7.66	1.97	0.6	6.07	9	60	<0.5	<2	0.13	<0.5	16	7	3870	2.48	20
E799399	8.04	0.77	<0.5	12.15	35	30	<0.5	<2	0.19	<0.5	3	7	155	0.36	10





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## CERTIFICATE OF ANALYSIS VA07038932

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793726		1.42	10	1.08	366	25	0.98	15	490	7	5.39	<5	9	130	<20	0.17
E793727		1.38	10	1.09	237	25	1.67	11	530	5	5.91	<5	10	282	<20	0.13
E793728		1.09	10	0.76	191	12	2.09	4	470	5	4.15	<5	8	354	<20	0.12
E793729		0.01	<10	0.01	<5	<1	0.01	1	20	<2	0.01	<5	<1	4	<20	0.01
E793730		1.56	10	0.78	187	24	1.40	4	500	<2	5.34	<5	8	259	<20	0.11
E799365		1.53	10	0.88	280	2	0.06	3	260	38	0.38	<5	8	28	<20	0.16
E799366		1.82	10	1.76	474	1	0.08	5	250	26	0.25	<5	9	50	<20	0.16
E799367		2.04	<10	0.13	227	207	1.09	5	330	70	0.66	102	1	305	<20	0.06
E799368		1.72	10	1.61	547	3	0.08	4	240	29	0.20	<5	8	42	<20	0.15
E799369		1.75	10	2.30	649	2	0.11	6	230	30	0.22	<5	9	51	<20	0.16
E799370		2.04	10	2.19	505	2	0.10	5	230	29	0.15	<5	8	55	<20	0.19
E799371		1.77	10	3.03	577	3	0.10	<1	240	40	0.07	<5	8	54	<20	0.16
E799372		1.94	10	1.92	484	2	0.09	<1	230	41	0.15	<5	8	56	<20	0.16
E799373		1.52	10	1.86	545	2	0.06	<1	220	55	0.30	<5	8	39	<20	0.15
E799374		1.40	<10	1.60	536	2	0.05	<1	220	33	0.18	<5	9	30	<20	0.16
E799375		3.12	10	1.68	578	<1	0.65	<1	420	75	0.05	<5	13	125	<20	0.28
E799376		2.58	10	1.57	781	1	1.12	<1	430	15	0.01	7	13	150	<20	0.27
E799377		2.79	10	1.57	940	1	0.94	2	430	17	0.01	<5	12	131	<20	0.28
E799378		2.77	10	1.56	910	1	1.62	2	430	17	<0.01	<5	12	229	<20	0.29
E799379		2.37	10	1.46	845	1	2.10	<1	440	19	0.01	<5	12	274	<20	0.29
E799380		2.47	10	1.54	971	1	2.14	<1	450	19	0.01	<5	13	265	<20	0.29
E799381		1.86	<10	1.51	1005	<1	2.89	2	960	8	0.03	9	16	304	<20	0.41
E799382		2.33	10	1.46	699	1	1.81	<1	470	13	0.02	<5	13	202	<20	0.31
E799383		2.37	10	1.40	577	1	1.33	1	410	20	0.03	<5	13	175	<20	0.28
E799384		2.21	10	1.57	584	1	1.12	<1	430	13	0.02	<5	13	154	<20	0.27
E799385		2.22	10	1.53	570	1	1.23	<1	420	13	0.01	6	14	168	<20	0.28
E799386		2.11	10	1.58	402	2	0.69	<1	470	13	0.02	<5	14	83	<20	0.30
E799387		1.70	10	2.05	202	6	0.03	<1	360	15	0.17	<5	12	36	<20	0.23
E799388		0.01	<10	<0.01	<5	<1	<0.01	<1	10	<2	0.01	<5	<1	3	<20	0.01
E799389		0.14	20	0.03	16	16	0.02	6	230	6	1.83	<5	53	18	<20	0.14
E799390		0.08	20	0.03	13	9	0.02	4	270	4	1.52	<5	51	19	<20	0.17
E799391		0.04	20	0.04	17	22	0.02	12	310	9	1.95	<5	76	33	<20	0.21
E799392		0.01	<10	0.01	12	13	0.01	7	180	3	1.44	<5	10	16	<20	0.17
E799393		0.01	10	0.01	12	6	0.01	7	220	3	1.43	<5	10	36	<20	0.15
E799394		0.01	10	0.01	13	13	0.02	5	300	11	1.38	<5	16	49	<20	0.18
E799395		0.03	10	0.02	21	4	0.05	1	180	2	0.54	<5	6	33	<20	0.10
E799396		0.04	30	0.03	12	13	0.02	9	350	6	1.93	<5	41	47	<20	0.23
E799397		0.01	20	0.01	26	8	0.02	8	260	2	1.66	<5	12	47	<20	0.16
E799398		0.01	30	0.01	12	7	0.02	15	260	8	2.76	<5	16	61	<20	0.21
E799399		0.02	<10	<0.01	6	11	0.05	2	1120	6	0.35	<5	3	54	<20	0.18



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793726		<10	<10	81	<10	48
E793727		<10	<10	80	<10	24
E793728		<10	10	59	<10	15
E793729		<10	<10	<1	<10	3
E793730		<10	<10	61	<10	13
E799365		<10	<10	59	<10	975
E799366		<10	<10	70	<10	557
E799367		<10	<10	25	<10	57
E799368		10	<10	68	<10	725
E799369		<10	<10	72	<10	790
E799370		<10	<10	72	<10	490
E799371		<10	<10	67	<10	494
E799372		<10	<10	69	<10	487
E799373		<10	<10	66	<10	591
E799374		<10	<10	72	<10	600
E799375		<10	<10	103	<10	406
E799376		<10	<10	96	<10	247
E799377		<10	<10	94	<10	298
E799378		<10	<10	97	<10	399
E799379		<10	10	95	<10	261
E799380		<10	10	97	<10	394
E799381		<10	10	104	<10	99
E799382		<10	<10	101	<10	303
E799383		<10	<10	96	<10	379
E799384		10	<10	97	<10	309
E799385		<10	<10	96	<10	301
E799386		<10	<10	102	<10	170
E799387		<10	<10	85	<10	125
E799388		10	<10	1	<10	6
E799389		<10	<10	227	<10	34
E799390		<10	<10	249	<10	29
E799391		<10	<10	288	10	39
E799392		<10	<10	107	<10	34
E799393		<10	<10	110	<10	35
E799394		<10	<10	225	<10	50
E799395		<10	<10	70	<10	17
E799396		<10	<10	519	<10	40
E799397		<10	<10	245	<10	31
E799398		<10	<10	344	<10	35
E799399		<10	<10	121	<10	10



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799400	6.88	0.17	<0.5	11.00	68	30	<0.5	<2	0.21	<0.5	2	5	238	0.29	10
E799401	6.80	0.14	<0.5	11.35	21	70	<0.5	<2	0.18	<0.5	1	6	95	0.29	<10
E799402	5.28	0.08	<0.5	10.85	11	40	<0.5	<2	0.18	<0.5	4	5	57	0.25	<10
E799403	5.08	0.07	<0.5	10.35	11	70	<0.5	<2	0.15	<0.5	2	4	36	0.18	<10
E799404	5.40	0.09	<0.5	10.75	14	80	<0.5	<2	0.22	<0.5	4	5	52	0.27	<10
E799405	5.40	0.14	<0.5	9.12	13	60	<0.5	<2	0.63	<0.5	5	5	35	0.32	10
E799406	4.04	0.15	<0.5	9.68	27	60	<0.5	<2	0.51	<0.5	5	3	29	0.44	<10
E799407	3.64	0.01	<0.5	7.94	<5	70	0.8	<2	2.59	<0.5	12	3	191	9.74	20
E799408	8.20	0.02	<0.5	7.82	11	360	0.8	<2	3.40	<0.5	12	44	102	4.43	10
E799409	7.38	0.02	<0.5	7.66	<5	470	0.8	<2	3.96	<0.5	9	41	92	3.78	10
E799451	9.28	0.01	<0.5	8.94	10	380	0.7	<2	3.72	<0.5	17	3	47	5.54	20
E799452	7.24	0.03	<0.5	8.85	13	190	0.7	<2	4.69	<0.5	25	19	51	5.69	20
E799453	1.92	0.01	<0.5	9.89	13	220	0.9	<2	3.67	<0.5	25	22	78	6.18	20
E799454	1.38	0.03	1.1	10.85	23	200	0.7	<2	0.55	<0.5	30	8	57	7.18	20
E799455	4.64	0.03	<0.5	10.00	17	290	0.6	<2	0.27	<0.5	27	5	32	6.87	20
E799456	5.24	0.02	<0.5	10.10	<5	150	<0.5	<2	0.10	<0.5	27	5	66	6.97	20
E799457	5.38	<0.01	<0.5	9.46	<5	110	<0.5	<2	0.12	<0.5	18	9	12	2.32	<10
E799458	6.26	0.01	<0.5	9.15	<5	110	<0.5	<2	0.11	<0.5	33	8	29	7.88	20
E799459	5.88	0.01	<0.5	8.86	<5	90	<0.5	<2	0.12	<0.5	29	11	21	7.37	20
E799460	4.48	<0.01	0.9	8.80	8	110	<0.5	<2	0.16	<0.5	26	6	32	6.71	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799400	0.02	<10	0.01	9	70	0.04	<1	1030	8	0.29	<5	2	53	<20	0.18
E799401	0.11	<10	0.01	10	247	0.04	<1	1020	26	0.34	<5	2	104	<20	0.22
E799402	0.02	<10	0.01	5	448	0.03	<1	780	22	0.30	<5	2	53	<20	0.21
E799403	0.01	<10	<0.01	<5	433	0.03	1	710	32	0.25	6	2	183	<20	0.22
E799404	0.01	<10	<0.01	<5	457	0.04	2	760	37	0.37	<5	2	165	<20	0.24
E799405	0.01	10	<0.01	5	1560	0.03	4	1070	31	0.50	<5	2	210	<20	0.36
E799406	0.05	10	0.01	10	303	0.03	3	1020	26	0.55	7	3	201	<20	0.38
E799407	1.38	10	1.01	394	24	1.71	<1	970	11	7.80	5	11	295	<20	0.17
E799408	0.55	10	0.86	517	27	1.89	8	960	10	3.75	<5	19	596	<20	0.30
E799409	0.51	10	0.86	533	21	1.83	12	1000	12	3.16	<5	19	653	<20	0.32
E799451	0.60	10	2.14	1045	1	1.54	<1	950	5	0.77	<5	20	279	<20	0.57
E799452	0.31	<10	2.63	1030	2	2.01	34	1150	11	0.50	<5	19	377	<20	0.66
E799453	0.53	10	2.98	1030	4	1.92	35	1160	10	1.24	5	21	324	<20	0.64
E799454	1.53	10	1.15	151	22	0.60	5	760	27	6.93	<5	28	192	<20	0.44
E799455	0.79	<10	1.89	148	16	0.52	3	540	19	7.20	<5	30	113	<20	0.43
E799456	0.13	10	0.12	23	16	0.09	3	830	46	8.33	<5	21	552	<20	0.39
E799457	0.57	10	0.02	15	5	0.63	2	870	88	5.70	<5	5	946	<20	0.28
E799458	0.09	10	0.02	9	4	0.09	3	740	54	9.60	<5	18	561	<20	0.35
E799459	0.62	10	1.18	59	7	0.22	1	780	14	8.84	<5	27	306	<20	0.28
E799460	0.91	<10	1.82	173	7	0.23	3	890	10	7.99	<5	26	150	<20	0.25



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Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799400	10	<10	94	<10	19
E799401	<10	<10	53	<10	17
E799402	10	<10	67	<10	14
E799403	<10	<10	41	<10	15
E799404	<10	<10	52	<10	11
E799405	<10	<10	56	<10	10
E799406	<10	<10	62	<10	11
E799407	<10	<10	77	<10	29
E799408	<10	10	95	<10	66
E799409	<10	<10	99	<10	82
E799451	<10	<10	184	<10	81
E799452	<10	<10	153	<10	81
E799453	<10	<10	146	<10	82
E799454	<10	<10	251	<10	41
E799455	<10	<10	264	<10	61
E799456	<10	<10	241	<10	14
E799457	<10	<10	115	<10	3
E799458	<10	<10	241	<10	4
E799459	<10	<10	223	<10	18
E799460	<10	<10	216	<10	42



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## CERTIFICATE VA07038747

Project: Hushamu

P.O. No.: WRN07-01

This report is for 122 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Sample Description	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793687	8.06	0.02	1.2	8.17	8	340	0.7	10	3.87	<0.5	20	42	102	4.73	10
E793688	7.80	0.03	<0.5	7.88	<5	220	0.6	<2	4.11	<0.5	17	10	114	5.38	10
E793689	7.54	0.01	<0.5	7.60	6	240	0.6	<2	4.43	<0.5	21	11	35	4.47	10
E793690	8.08	0.03	<0.5	7.68	<5	180	0.6	<2	4.08	<0.5	19	11	32	4.57	20
E793691	7.96	0.05	<0.5	7.62	<5	270	0.5	<2	3.82	<0.5	20	8	59	4.61	10
E793692	7.10	0.03	<0.5	7.89	<5	220	0.6	<2	3.99	<0.5	19	8	138	5.30	10
E793693	6.00	0.02	<0.5	7.75	6	250	0.6	3	3.59	3.6	27	48	25	4.88	10
E793694	8.54	0.06	<0.5	7.58	<5	220	0.6	<2	5.03	<0.5	23	52	17	4.94	10
E793695	7.76	0.05	<0.5	7.93	<5	180	<0.5	<2	5.18	<0.5	28	66	29	6.10	10
E793696	8.58	0.02	<0.5	7.82	7	210	<0.5	<2	5.77	<0.5	28	63	16	6.13	10
E793697	8.62	0.02	<0.5	8.93	16	190	0.5	<2	5.66	<0.5	31	62	40	7.11	10
E793698	0.08	0.18	28.5	7.49	243	860	1.0	5	2.65	<0.5	10	12	1695	2.38	20
E793699	8.74	0.01	<0.5	8.22	<5	210	0.5	<2	5.48	<0.5	26	61	31	6.55	20
E793700	8.26	0.01	<0.5	8.38	<5	230	0.5	<2	6.74	<0.5	25	54	26	5.83	10
E793701	8.14	0.02	<0.5	8.16	25	180	0.5	<2	5.43	<0.5	24	74	15	5.77	10
E793702	8.20	0.01	<0.5	7.69	19	130	<0.5	<2	4.89	<0.5	31	131	13	6.73	10
E793703	7.54	0.02	<0.5	8.09	<5	120	<0.5	<2	5.06	<0.5	28	116	37	6.10	10
E793704	8.68	0.01	<0.5	8.12	6	170	<0.5	<2	5.35	<0.5	31	128	66	5.46	10
E793705	4.66	<0.01	<0.5	8.20	<5	220	<0.5	<2	5.06	<0.5	30	125	55	5.33	20
E793706	11.56	0.01	<0.5	8.73	<5	500	0.6	<2	4.57	<0.5	12	16	239	4.39	20
E793707	7.20	<0.01	<0.5	8.80	<5	660	0.6	<2	4.44	<0.5	14	14	63	4.56	20
E793708	3.78	<0.01	<0.5	8.66	<5	900	0.6	<2	3.82	<0.5	14	12	56	4.67	20
E793709	3.16	0.01	<0.5	5.16	<5	180	<0.5	<2	8.13	<0.5	3	32	67	0.69	<10
E793710	8.98	<0.01	<0.5	7.18	<5	100	<0.5	<2	6.05	<0.5	15	49	8	4.50	10
E793711	7.84	0.01	<0.5	6.73	6	210	<0.5	<2	6.98	0.8	18	43	10	4.53	10
E793712	5.78	<0.01	<0.5	6.87	<5	220	0.5	<2	5.36	1.5	20	101	65	4.56	10
E793713	9.88	0.01	<0.5	6.70	<5	180	<0.5	<2	6.78	<0.5	38	210	44	6.16	10
E793714	8.12	0.03	<0.5	7.24	<5	200	0.5	<2	6.63	<0.5	34	162	40	5.61	10
E793715	7.88	<0.01	<0.5	7.40	<5	160	0.5	<2	3.49	<0.5	11	3	3	3.80	10
E793716	7.58	<0.01	<0.5	7.94	5	200	0.5	<2	4.88	<0.5	17	59	19	5.06	10
E793717	3.74	0.02	<0.5	7.51	<5	90	0.5	<2	6.80	<0.5	29	118	26	6.71	10
E793718	3.96	0.01	<0.5	8.04	<5	100	0.6	<2	6.99	<0.5	31	117	26	6.91	10
E793719	10.46	0.01	<0.5	7.76	<5	120	0.5	<2	7.55	<0.5	29	143	34	5.98	20
E793720	5.82	<0.01	<0.5	8.31	<5	870	0.7	<2	3.07	<0.5	13	14	44	4.03	10
E793721	8.34	0.01	<0.5	9.05	<5	470	0.6	<2	5.00	<0.5	19	89	45	4.67	10
E793722	9.04	<0.01	0.6	9.26	<5	840	0.7	<2	3.50	0.5	14	17	47	4.47	20
E793723	6.66	0.02	<0.5	7.68	<5	160	0.5	<2	7.86	<0.5	33	218	50	6.09	10
E793724	9.88	0.01	<0.5	7.56	<5	120	0.5	<2	6.90	<0.5	41	276	46	6.54	10
E793725	5.32	<0.01	<0.5	9.49	<5	760	0.7	<2	3.90	<0.5	14	18	47	4.57	10
E799316	5.78	0.05	<0.5	1.39	10	270	<0.5	2	0.15	0.5	3	23	22	1.10	<10



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793687	1.43	10	1.97	248	3	1.33	20	970	37	5.38	<5	18	355	<20	0.18
E793688	0.87	10	1.89	277	1	1.69	7	870	12	5.70	<5	17	449	<20	0.22
E793689	1.44	<10	1.96	210	3	1.27	9	890	7	6.73	<5	18	313	<20	0.23
E793690	0.88	<10	1.67	180	1	2.05	9	920	7	6.43	<5	16	418	<20	0.21
E793691	1.41	<10	1.58	160	4	1.41	7	940	6	5.94	<5	15	358	<20	0.17
E793692	0.53	<10	2.01	211	1	1.89	6	990	7	5.66	<5	16	440	<20	0.24
E793693	1.79	10	1.48	127	5	0.88	26	780	44	7.14	<5	22	271	<20	0.13
E793694	1.51	10	1.80	143	7	1.04	25	760	5	8.81	<5	20	326	<20	0.14
E793695	0.91	<10	2.55	191	3	1.29	38	700	10	9.82	<5	23	425	<20	0.15
E793696	1.16	<10	2.62	180	1	1.16	33	700	10	>10.0	5	24	425	<20	0.17
E793697	0.28	<10	2.80	247	1	1.86	37	760	6	>10.0	<5	26	573	<20	0.21
E793698	2.07	10	0.39	785	446	2.12	4	480	51	0.47	79	3	620	<20	0.13
E793699	0.66	10	2.32	203	3	1.73	30	730	10	>10.0	8	25	535	<20	0.19
E793700	0.77	10	2.38	183	9	1.64	28	710	12	>10.0	<5	23	583	<20	0.17
E793701	0.90	10	2.87	166	2	1.81	40	680	11	9.77	6	23	420	<20	0.27
E793702	0.36	<10	4.87	259	3	1.47	81	530	8	>10.0	<5	30	377	<20	0.30
E793703	0.36	<10	4.85	357	1	1.30	79	600	9	9.23	<5	31	384	<20	0.22
E793704	0.62	<10	3.53	262	<1	1.14	69	630	9	8.66	5	30	380	<20	0.19
E793705	1.35	<10	3.62	233	1	0.78	75	650	6	8.18	<5	32	280	<20	0.17
E793706	1.06	10	1.85	885	1	2.20	5	700	8	0.65	<5	18	454	<20	0.40
E793707	0.98	10	1.73	1075	<1	2.48	5	710	14	0.21	6	18	522	<20	0.40
E793708	1.22	10	1.77	1040	1	2.71	8	710	13	0.16	<5	18	512	<20	0.41
E793709	1.91	<10	0.12	86	5	0.25	3	450	38	7.34	<5	10	464	<20	0.16
E793710	2.07	10	1.51	142	6	0.23	19	700	7	>10.0	<5	16	350	<20	0.14
E793711	1.51	10	1.58	478	4	0.32	26	750	48	>10.0	<5	17	311	<20	0.22
E793712	0.64	10	2.58	1400	3	1.04	73	830	72	6.01	<5	19	353	<20	0.30
E793713	0.43	<10	6.24	615	2	1.09	172	710	11	9.11	<5	28	440	<20	0.24
E793714	0.69	10	4.72	392	1	1.54	139	950	9	8.27	<5	26	395	<20	0.32
E793715	0.56	10	1.14	181	6	4.65	<1	870	8	7.02	<5	14	259	<20	0.19
E793716	1.18	10	2.28	283	2	2.51	34	850	13	8.72	<5	19	372	<20	0.21
E793717	0.46	<10	4.33	876	<1	1.02	101	870	4	8.42	<5	27	404	<20	0.27
E793718	0.46	10	4.69	915	1	1.11	108	900	7	8.38	<5	28	426	<20	0.30
E793719	0.48	<10	4.50	776	<1	1.09	113	790	8	8.53	<5	33	436	<20	0.35
E793720	1.83	10	1.52	862	1	2.74	9	670	8	0.16	<5	16	483	<20	0.36
E793721	1.15	10	2.02	846	3	2.49	46	820	9	2.27	<5	20	428	<20	0.39
E793722	2.00	10	1.71	1025	1	2.79	11	790	7	0.28	<5	18	479	<20	0.40
E793723	0.44	10	4.28	1110	2	1.40	147	1040	3	9.16	<5	25	436	<20	0.22
E793724	0.59	10	4.34	589	2	1.37	164	1030	9	9.65	<5	26	420	<20	0.27
E793725	1.56	10	1.77	973	2	2.77	8	800	10	0.36	5	18	556	<20	0.41
E799316	0.21	<10	0.10	66	89	0.03	4	90	5	0.53	<5	4	20	<20	0.18





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ALS Canada Ltd.

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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07038747

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
E793687		<10	10	161	<10	38
E793688		<10	<10	174	<10	50
E793689		<10	10	189	<10	37
E793690		<10	10	174	<10	45
E793691		<10	10	167	<10	29
E793692		<10	10	166	<10	40
E793693		<10	<10	170	<10	30
E793694		<10	<10	178	<10	24
E793695		<10	10	174	<10	37
E793696		<10	10	175	<10	31
E793697		<10	10	187	<10	52
E793698		10	<10	40	<10	97
E793699		<10	10	174	<10	41
E793700		<10	<10	166	<10	36
E793701		<10	<10	180	<10	29
E793702		<10	<10	197	<10	44
E793703		<10	<10	196	<10	96
E793704		<10	10	193	<10	34
E793705		<10	<10	205	<10	24
E793706		10	10	138	<10	61
E793707		<10	<10	138	<10	73
E793708		<10	10	138	<10	71
E793709		<10	<10	83	<10	17
E793710		<10	<10	142	<10	17
E793711		<10	20	128	<10	153
E793712		<10	<10	122	<10	218
E793713		<10	10	191	<10	63
E793714		<10	<10	186	<10	54
E793715		<10	10	90	<10	25
E793716		<10	<10	125	<10	37
E793717		<10	<10	177	<10	64
E793718		<10	10	191	<10	67
E793719		<10	<10	215	<10	64
E793720		<10	10	117	<10	49
E793721		<10	10	151	<10	59
E793722		<10	10	135	<10	65
E793723		<10	<10	194	<10	60
E793724		<10	10	208	<10	61
E793725		<10	<10	141	<10	59
E799316		<10	<10	26	<10	43



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07038747

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799317		6.84	0.02	<0.5	0.21	<5	20	<0.5	<2	0.04	<0.5	1	25	14	0.31	<10
E799318		6.88	0.02	<0.5	0.15	<5	10	<0.5	<2	0.02	0.7	1	21	14	0.35	<10
E799319		7.78	0.03	<0.5	0.15	<5	10	<0.5	<2	0.02	0.6	<1	19	9	0.27	<10
E799320		2.98	0.03	<0.5	0.89	<5	30	<0.5	<2	0.67	<0.5	4	52	13	0.86	<10
E799321		2.80	0.03	<0.5	0.16	<5	10	<0.5	<2	0.02	<0.5	1	9	10	0.15	<10
E799322		11.74	0.04	<0.5	0.12	<5	10	<0.5	<2	0.01	<0.5	1	14	6	0.22	<10
E799323		1.50	0.02	0.6	0.98	<5	70	<0.5	<2	0.29	<0.5	1	11	10	0.46	<10
E799324		7.20	0.03	<0.5	0.14	<5	10	<0.5	<2	0.01	<0.5	1	13	7	0.24	<10
E799325		6.54	0.03	<0.5	0.19	<5	10	<0.5	<2	0.02	0.5	1	11	8	0.18	<10
E799326		8.50	0.03	<0.5	0.19	6	10	<0.5	<2	0.01	<0.5	2	9	6	0.24	<10
E799327		0.18	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.01	<0.5	<1	<1	<1	0.02	<10
E799328		7.74	0.04	<0.5	0.19	<5	10	<0.5	<2	0.02	<0.5	1	11	7	0.24	<10
E799329		7.06	0.03	<0.5	0.17	5	20	<0.5	<2	0.02	<0.5	1	17	10	0.36	<10
E799330		7.50	0.03	<0.5	0.19	<5	10	<0.5	<2	0.01	0.5	1	15	8	0.33	<10
E799331		7.52	0.04	<0.5	0.18	<5	10	<0.5	<2	0.01	0.6	<1	16	7	0.36	<10
E799332		5.66	0.05	<0.5	0.45	<5	20	<0.5	<2	0.08	<0.5	2	11	11	0.42	<10
E799333		8.60	0.06	<0.5	0.33	<5	10	<0.5	<2	0.02	0.6	3	10	12	0.34	<10
E799334		7.62	0.06	<0.5	0.28	<5	10	<0.5	<2	0.02	0.7	3	16	13	0.38	<10
E799335		7.98	0.06	<0.5	0.23	<5	10	<0.5	<2	0.02	0.5	2	12	9	0.37	<10
E799336		8.30	0.07	<0.5	0.31	<5	10	<0.5	<2	0.02	0.5	2	10	11	0.24	<10
E799337		8.52	0.07	<0.5	0.25	<5	10	<0.5	<2	0.02	0.5	2	13	13	0.31	<10
E799338		7.54	0.06	<0.5	0.16	<5	10	<0.5	<2	0.02	0.7	2	16	11	0.32	<10
E799339		7.80	0.06	<0.5	0.22	<5	10	<0.5	<2	0.02	0.7	2	14	12	0.30	<10
E799340		7.42	0.07	<0.5	0.19	6	10	<0.5	<2	0.02	0.6	3	17	12	0.36	<10
E799341		7.88	0.06	<0.5	0.15	<5	10	<0.5	<2	0.02	<0.5	1	14	6	0.31	<10
E799342		7.74	0.07	<0.5	0.13	<5	10	<0.5	2	0.02	0.6	1	17	9	0.34	<10
E799343		7.26	0.07	<0.5	0.14	<5	10	<0.5	<2	0.03	0.5	1	16	9	0.36	<10
E799344		7.46	0.05	<0.5	0.12	6	10	<0.5	<2	0.02	<0.5	1	15	11	0.34	<10
E799345		7.22	0.09	<0.5	0.15	<5	10	<0.5	<2	0.02	0.5	2	9	23	0.30	<10
E799346		5.64	0.12	0.5	2.23	5	20	<0.5	<2	0.04	0.5	3	6	66	0.35	<10
E799347		9.06	0.13	<0.5	2.92	7	40	<0.5	<2	0.07	<0.5	3	9	168	0.83	<10
E799348		6.46	0.14	<0.5	3.04	8	60	<0.5	<2	0.04	<0.5	3	9	136	0.85	<10
E799349		8.36	0.13	<0.5	4.11	9	60	<0.5	<2	0.05	<0.5	4	10	147	1.20	<10
E799350		8.28	0.18	<0.5	4.53	9	140	<0.5	<2	0.07	<0.5	2	9	169	0.89	10
E799351		8.04	0.08	<0.5	3.95	11	90	<0.5	<2	0.05	<0.5	4	10	494	0.91	10
E799352		5.44	0.20	<0.5	5.00	13	100	<0.5	<2	0.07	<0.5	3	9	223	0.68	10
E799353		2.04	1.16	2.0	7.73	<5	380	1.5	<2	0.23	<0.5	10	6	2350	6.29	20
E799354		6.24	1.34	0.6	5.53	<5	340	1.0	<2	0.17	<0.5	13	6	1760	3.47	10
E799355		6.54	1.10	1.2	6.12	8	590	1.9	<2	0.19	<0.5	18	6	2520	10.05	10
E799356		7.04	0.92	0.9	2.78	<5	230	0.9	<2	0.11	<0.5	10	10	1980	5.70	<10



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799317	0.02	<10	0.04	36	52	0.02	<1	20	6	0.02	<5	1	6	<20	0.22
E799318	0.01	<10	0.02	35	38	0.01	1	10	8	0.02	<5	1	3	<20	0.15
E799319	0.01	<10	0.02	27	34	0.01	<1	10	7	0.02	<5	1	4	<20	0.17
E799320	0.05	<10	0.50	95	28	0.13	19	100	4	0.77	<5	4	43	<20	0.18
E799321	<0.01	<10	0.02	16	39	0.01	<1	10	7	0.01	<5	1	3	<20	0.19
E799322	<0.01	<10	0.01	24	52	0.01	1	10	5	0.01	<5	1	1	<20	0.33
E799323	0.20	<10	0.10	106	33	0.23	<1	80	5	0.03	<5	2	28	<20	0.29
E799324	<0.01	<10	0.01	26	32	0.01	<1	10	5	0.01	<5	1	2	<20	0.26
E799325	0.01	<10	0.02	17	56	0.01	1	10	7	0.01	<5	1	2	<20	0.38
E799326	0.01	<10	0.02	26	42	0.01	<1	<10	8	0.01	<5	1	2	<20	0.24
E799327	<0.01	<10	<0.01	<5	<1	<0.01	<1	20	<2	0.01	<5	<1	1	<20	0.01
E799328	0.01	<10	0.02	22	53	0.01	<1	10	5	0.01	<5	1	2	<20	0.28
E799329	0.01	<10	0.02	32	114	0.01	<1	10	4	0.01	<5	1	3	<20	0.28
E799330	0.01	<10	0.02	30	42	0.01	1	10	3	0.01	<5	1	3	<20	0.14
E799331	0.01	<10	0.01	35	41	0.01	1	10	4	0.01	<5	1	2	<20	0.15
E799332	0.03	<10	0.04	59	45	0.07	<1	20	6	0.01	<5	1	8	<20	0.14
E799333	0.02	<10	0.02	46	48	0.02	1	20	8	0.01	<5	1	4	<20	0.19
E799334	0.01	<10	0.01	40	113	0.01	<1	20	7	0.01	<5	1	2	<20	0.19
E799335	0.01	<10	0.01	32	151	0.01	1	10	9	0.01	<5	1	2	<20	0.20
E799336	0.01	<10	0.01	22	76	0.01	1	10	8	0.01	<5	1	3	<20	0.20
E799337	0.01	<10	0.01	32	76	0.01	<1	10	14	0.01	<5	1	2	<20	0.19
E799338	0.01	<10	0.01	31	92	0.01	<1	10	6	0.01	<5	1	2	<20	0.29
E799339	0.01	<10	0.02	35	105	0.01	1	10	8	0.01	<5	1	2	<20	0.24
E799340	0.01	<10	0.02	43	234	0.01	1	20	12	0.01	<5	1	3	<20	0.26
E799341	0.01	<10	0.01	33	132	0.01	2	10	5	0.01	<5	1	1	<20	0.30
E799342	0.01	<10	0.01	38	92	0.01	2	10	11	0.01	<5	1	2	<20	0.17
E799343	0.01	<10	0.01	41	97	0.01	<1	10	8	0.01	<5	1	2	<20	0.22
E799344	0.01	<10	0.01	35	68	0.01	1	10	2	0.01	<5	1	2	<20	0.23
E799345	0.01	<10	0.01	32	68	0.01	<1	20	6	0.01	<5	1	3	<20	0.26
E799346	0.01	<10	0.01	29	160	0.01	<1	120	11	0.12	<5	2	7	<20	0.25
E799347	0.01	<10	0.01	30	171	0.01	<1	270	16	0.78	<5	3	35	<20	0.34
E799348	0.01	10	0.01	23	114	0.01	<1	140	7	0.79	<5	5	18	<20	0.35
E799349	0.01	<10	0.01	18	142	0.01	<1	240	14	1.25	<5	6	33	<20	0.33
E799350	0.36	<10	0.04	33	152	0.01	<1	240	9	0.64	<5	6	18	<20	0.51
E799351	0.15	<10	0.02	31	153	0.01	<1	200	13	0.69	<5	12	26	<20	0.40
E799352	0.11	10	0.02	22	87	0.01	1	320	15	0.58	<5	10	36	<20	0.27
E799353	1.09	20	0.63	141	19	0.02	2	490	9	0.28	<5	21	16	<20	0.23
E799354	0.80	10	0.25	60	23	0.02	2	370	10	1.61	<5	10	14	<20	0.18
E799355	1.00	10	0.68	228	6	0.02	1	400	24	0.76	<5	14	14	<20	0.15
E799356	0.50	<10	0.39	132	5	0.01	1	270	7	1.37	<5	4	41	<20	0.07



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799317		<10	<10	7	10	58
E799318		<10	<10	4	<10	48
E799319		<10	<10	4	<10	55
E799320		<10	<10	25	<10	56
E799321		<10	<10	5	<10	59
E799322		<10	<10	5	<10	40
E799323		<10	<10	14	<10	45
E799324		<10	<10	6	<10	49
E799325		<10	<10	8	<10	86
E799326		<10	<10	6	<10	97
E799327		<10	<10	<1	<10	3
E799328		<10	<10	7	<10	98
E799329		<10	<10	6	<10	74
E799330		<10	<10	4	<10	100
E799331		<10	<10	4	<10	100
E799332		<10	<10	6	<10	96
E799333		<10	<10	6	<10	126
E799334		<10	<10	6	<10	112
E799335		<10	<10	7	<10	111
E799336		<10	<10	6	<10	97
E799337		<10	<10	6	<10	96
E799338		<10	<10	7	<10	93
E799339		<10	<10	7	<10	152
E799340		<10	<10	8	<10	165
E799341		<10	<10	9	<10	115
E799342		<10	<10	5	<10	89
E799343		<10	<10	7	<10	87
E799344		<10	<10	6	<10	49
E799345		<10	<10	8	10	70
E799346		<10	<10	17	20	72
E799347		<10	<10	34	10	135
E799348		<10	<10	48	10	140
E799349		<10	<10	61	10	73
E799350		<10	<10	77	20	233
E799351		<10	<10	100	20	117
E799352		<10	<10	97	10	146
E799353		10	<10	166	10	578
E799354		<10	<10	77	<10	216
E799355		<10	<10	95	<10	1230
E799356		<10	<10	33	<10	478



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799357	7.60	3.09	0.7	4.09	<5	270	1.0	<2	0.18	0.7	9	5	1510	2.57	<10
E799358	2.78	2.78	0.9	6.07	<5	180	1.8	<2	0.24	<0.5	8	5	4230	2.11	10
E799359	4.68	1.97	1.3	4.59	<5	990	1.5	<2	0.16	<0.5	22	6	3690	7.34	10
E799360	6.38	2.04	1.3	5.38	5	670	2.0	<2	0.27	<0.5	14	6	3060	8.29	10
E799361	3.38	1.28	1.1	5.16	<5	540	1.6	<2	0.19	<0.5	24	2	1760	12.30	10
E799362	3.56	0.01	<0.5	8.46	<5	1200	1.2	<2	2.20	<0.5	10	<1	26	4.29	20
E799363	4.62	0.01	<0.5	8.79	<5	1160	1.2	<2	2.29	<0.5	9	<1	22	4.46	20
E799364	2.60	1.29	1.1	3.23	<5	710	1.1	<2	0.42	1.1	11	8	1690	4.60	10
E799417	5.68	0.01	<0.5	8.96	11	410	0.7	<2	4.89	<0.5	14	13	61	4.12	20
E799418	7.88	0.01	<0.5	7.64	<5	160	0.7	<2	4.94	<0.5	14	20	72	5.07	20
E799419	8.84	0.01	<0.5	8.46	<5	270	0.8	<2	4.04	<0.5	11	29	85	4.75	20
E799420	8.06	0.02	<0.5	7.67	<5	160	0.7	<2	2.85	<0.5	14	31	95	4.66	10
E799421	8.12	0.01	<0.5	7.85	<5	130	0.9	<2	2.50	<0.5	8	35	70	4.16	20
E799422	7.40	0.01	<0.5	7.94	<5	150	0.8	<2	2.69	<0.5	9	32	82	4.32	10
E799423	2.80	0.01	0.5	8.04	<5	240	0.7	<2	3.40	<0.5	9	31	80	4.67	10
E799424	5.32	0.02	<0.5	8.48	<5	420	0.8	<2	2.98	<0.5	11	4	70	4.53	20
E799425	7.72	0.01	<0.5	8.67	<5	560	0.8	<2	2.81	<0.5	12	3	46	3.84	20
E799426	7.66	0.01	<0.5	8.69	<5	180	0.8	<2	2.75	<0.5	12	2	43	5.24	20
E799427	3.38	<0.01	<0.5	7.10	<5	220	0.7	<2	2.06	<0.5	10	3	31	3.80	10
E799428	3.10	0.01	<0.5	8.62	<5	150	0.8	<2	2.55	<0.5	14	3	40	4.71	10
E799429	8.22	0.01	<0.5	9.01	<5	460	0.7	<2	3.86	<0.5	20	62	68	4.54	10
E799430	8.04	0.02	<0.5	9.01	<5	400	0.7	<2	3.67	<0.5	22	67	94	5.21	20
E799431	7.64	0.07	<0.5	10.10	<5	380	0.8	<2	4.29	<0.5	24	13	111	6.40	20
E799432	5.90	0.01	<0.5	8.78	<5	300	0.7	<2	3.78	<0.5	25	13	136	6.25	10
E799433	4.06	0.02	<0.5	7.62	<5	270	0.9	<2	4.36	<0.5	7	39	73	3.51	20
E799434	9.44	<0.01	<0.5	7.16	<5	410	0.9	<2	4.06	<0.5	7	40	88	3.19	10
E799435	7.70	<0.01	0.5	7.22	<5	580	0.9	<2	4.09	<0.5	6	61	69	2.70	10
E799436	0.20	<0.01	<0.5	0.08	<5	10	<0.5	<2	0.02	<0.5	<1	2	3	0.02	<10
E799437	4.52	<0.01	<0.5	7.55	<5	420	0.8	<2	3.76	<0.5	7	38	77	3.15	20
E799438	3.52	<0.01	<0.5	7.97	<5	710	0.9	<2	2.03	<0.5	12	6	34	2.78	20
E799439	8.14	<0.01	<0.5	7.85	<5	210	0.9	<2	1.59	<0.5	13	8	30	3.07	10
E799440	4.40	0.01	<0.5	7.97	<5	210	0.9	<2	1.40	<0.5	9	8	30	2.88	10
E799441	3.78	0.02	0.6	7.45	<5	320	0.9	<2	2.74	<0.5	12	44	79	4.38	10
E799442	7.64	0.02	<0.5	7.91	<5	500	0.9	<2	2.97	<0.5	8	40	57	3.46	20
E799443	6.50	0.07	<0.5	8.27	<5	580	1.0	<2	2.20	<0.5	12	8	35	2.88	10
E799444	9.94	0.01	<0.5	8.52	<5	600	0.9	<2	3.76	<0.5	22	20	40	4.18	10
E799445	6.82	0.01	<0.5	8.16	<5	560	0.7	<2	2.19	<0.5	14	17	24	3.09	20
E799446	7.36	<0.01	<0.5	8.33	<5	470	0.7	<2	2.65	<0.5	14	5	39	3.84	20
E799447	7.44	0.02	0.6	7.82	<5	450	0.7	<2	2.64	<0.5	16	15	57	4.26	10
E799448	7.40	0.02	0.5	8.55	5	590	0.8	<2	2.54	0.7	13	25	71	4.52	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799357	1.06	10	0.20	72	5	0.03	2	260	10	1.17	<5	5	17	<20	0.12
E799358	1.79	10	0.30	86	3	0.03	4	200	13	0.46	<5	19	19	<20	0.17
E799359	1.10	10	0.81	282	4	0.02	3	270	15	0.50	<5	12	27	<20	0.17
E799360	1.54	10	1.10	302	4	0.02	2	390	33	0.36	<5	11	18	<20	0.18
E799361	1.29	10	2.68	573	4	0.04	3	330	9	0.10	<5	11	22	<20	0.20
E799362	1.31	10	1.03	817	1	4.21	<1	1460	5	<0.01	<5	14	308	<20	0.56
E799363	1.32	10	1.06	823	1	4.42	<1	1510	5	<0.01	<5	14	316	<20	0.57
E799364	1.12	10	1.05	326	3	0.09	1	210	29	0.24	<5	8	21	<20	0.15
E799417	0.76	10	2.41	418	5	1.99	9	970	<2	3.86	<5	20	631	<20	0.35
E799418	0.63	10	1.03	286	19	2.67	17	2120	6	4.52	<5	19	403	<20	0.30
E799419	0.87	10	1.01	369	15	2.71	14	1770	4	3.94	<5	21	528	<20	0.30
E799420	0.87	10	0.90	282	24	2.52	19	1800	4	3.95	<5	22	450	<20	0.21
E799421	1.20	10	0.81	271	17	2.50	18	1410	4	3.39	<5	20	414	<20	0.20
E799422	0.93	10	0.85	303	12	2.35	18	1140	4	3.49	<5	21	462	<20	0.22
E799423	0.58	10	0.85	513	19	2.16	14	1010	6	3.63	<5	22	813	<20	0.32
E799424	0.48	10	1.35	455	9	2.59	2	930	9	3.67	<5	16	574	<20	0.25
E799425	0.73	10	1.46	327	16	2.70	1	900	7	2.87	<5	18	650	<20	0.22
E799426	0.89	10	1.48	348	17	2.07	1	920	5	3.99	<5	17	648	<20	0.17
E799427	0.64	10	1.06	248	12	2.13	5	790	3	3.01	<5	14	477	<20	0.14
E799428	0.78	10	1.28	296	19	2.62	5	990	3	3.85	<5	16	561	<20	0.15
E799429	0.74	10	3.23	726	30	1.75	46	940	3	3.21	<5	26	631	<20	0.33
E799430	0.85	10	3.00	852	18	2.20	46	920	2	3.75	<5	25	572	<20	0.29
E799431	0.94	10	2.68	464	15	1.70	26	1030	3	4.78	<5	23	536	<20	0.32
E799432	1.30	10	2.37	422	13	1.91	21	1030	5	4.85	<5	19	519	<20	0.36
E799433	0.81	10	0.86	319	29	2.53	31	2310	2	2.88	<5	20	539	<20	0.35
E799434	0.75	10	0.86	309	28	2.40	31	2290	6	2.33	<5	18	490	<20	0.35
E799435	0.57	10	0.79	440	17	1.97	41	1930	16	1.89	<5	16	586	<20	0.30
E799436	0.01	<10	<0.01	<5	<1	0.01	2	20	4	0.01	<5	<1	4	<20	0.01
E799437	0.80	10	0.80	387	20	2.31	30	3030	8	2.18	<5	18	577	<20	0.31
E799438	1.10	10	0.98	257	15	3.46	9	690	13	2.21	<5	11	360	<20	0.23
E799439	1.49	10	0.95	191	25	3.26	7	620	8	2.42	<5	10	323	<20	0.19
E799440	1.47	10	0.92	200	10	3.13	8	690	7	2.23	<5	11	370	<20	0.20
E799441	0.55	10	0.83	262	15	2.83	38	3390	3	3.83	<5	20	557	<20	0.36
E799442	0.84	10	0.92	240	8	2.78	28	2040	3	2.86	<5	19	625	<20	0.29
E799443	1.23	10	0.93	203	23	3.01	9	630	3	1.98	<5	10	433	<20	0.19
E799444	1.13	10	2.23	249	53	2.14	20	1230	3	3.13	<5	18	573	<20	0.28
E799445	0.90	10	1.66	420	13	2.52	15	1210	5	2.04	<5	17	686	<20	0.23
E799446	0.77	10	1.73	469	16	2.78	4	800	5	2.13	<5	17	595	<20	0.33
E799447	0.75	10	1.66	320	4	2.69	9	730	2	3.14	<5	18	601	<20	0.32
E799448	0.94	10	1.47	966	6	2.09	12	840	8	3.25	<5	17	532	<20	0.25



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799357		<10	<10	41	<10	658
E799358		<10	<10	140	<10	544
E799359		<10	<10	85	<10	1160
E799360		<10	<10	88	<10	479
E799361		<10	<10	86	<10	435
E799362		<10	20	70	<10	91
E799363		<10	20	73	<10	87
E799364		<10	<10	51	<10	244
E799417		<10	10	165	<10	42
E799418		<10	10	108	<10	19
E799419		<10	10	109	<10	29
E799420		<10	10	114	<10	22
E799421		<10	10	88	<10	22
E799422		<10	10	92	<10	32
E799423		<10	10	115	<10	44
E799424		<10	10	116	<10	54
E799425		<10	10	140	<10	40
E799426		<10	<10	118	<10	34
E799427		<10	10	93	<10	28
E799428		<10	10	110	<10	33
E799429		<10	<10	190	<10	68
E799430		<10	20	182	<10	61
E799431		<10	10	180	<10	47
E799432		<10	10	171	<10	48
E799433		<10	10	147	<10	64
E799434		<10	10	134	<10	55
E799435		<10	10	133	<10	56
E799436		<10	<10	1	<10	5
E799437		<10	10	122	<10	47
E799438		<10	10	88	<10	36
E799439		<10	10	78	<10	26
E799440		<10	10	90	<10	27
E799441		<10	10	172	<10	31
E799442		<10	10	157	<10	31
E799443		<10	10	81	<10	27
E799444		10	<10	165	<10	26
E799445		<10	<10	159	<10	50
E799446		<10	10	185	<10	56
E799447		<10	10	163	<10	37
E799448		<10	10	111	<10	127



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799449	7.26	0.02	1.0	8.72	<5	480	0.9	<2	2.95	<0.5	12	37	85	4.56	20
E799450	7.06	0.02	0.7	8.05	<5	430	0.8	<2	2.99	<0.5	13	53	40	3.77	10





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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799449	0.50	10	1.25	663	5	2.52	15	1120	5	3.30	<5	22	598	<20	0.31
E799450	0.37	10	1.35	1010	8	2.09	21	1200	12	2.69	<5	21	927	<20	0.30



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07038747

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E799449		<10	<10	127	<10	48
E799450		<10	10	121	<10	57



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Finalized Date: 27-APR-2007

Account: EIA

## CERTIFICATE VA07035594

Project: Hushamu

P.O. No.: WRN07-01

This report is for 146 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 18-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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## CERTIFICATE OF ANALYSIS VA07035594

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B379901	1.88	<0.01	<0.5	0.20	50	240	<0.5	2	0.02	<0.5	1	20	15	1.81	<10
B379902	2.02	<0.01	<0.5	0.22	52	1170	<0.5	4	0.03	<0.5	1	58	21	2.27	<10
B379903	1.20	0.01	<0.5	0.34	44	1090	<0.5	11	0.02	<0.5	1	18	37	3.19	<10
B379904	0.48	<0.01	<0.5	0.54	50	2030	<0.5	7	0.02	<0.5	1	45	38	3.44	<10
B379905	1.04	<0.01	<0.5	0.35	37	1260	<0.5	5	0.02	<0.5	1	18	43	2.39	<10
B379906	1.28	<0.01	<0.5	6.68	20	240	<0.5	12	0.05	<0.5	12	19	63	2.15	20
B379907	1.20	<0.01	<0.5	8.08	24	370	<0.5	28	0.08	<0.5	9	15	40	3.41	30
B379908	1.96	<0.01	<0.5	7.62	21	760	<0.5	13	0.06	<0.5	9	12	75	2.36	30
B379909	3.42	<0.01	<0.5	6.55	19	370	<0.5	13	0.05	<0.5	10	12	212	3.01	30
B379910	4.08	<0.01	<0.5	7.54	60	370	<0.5	22	0.06	<0.5	13	15	133	3.68	30
B379911	4.36	<0.01	<0.5	9.96	32	1120	<0.5	13	0.12	<0.5	11	13	64	2.77	40
B379912	0.90	<0.01	<0.5	6.96	49	2530	<0.5	5	0.07	<0.5	1	11	49	2.43	30
B379913	4.82	<0.01	<0.5	11.60	100	190	<0.5	23	0.11	1.1	35	19	251	5.53	50
B475001	2.22	<0.01	<0.5	0.26	11	510	<0.5	<2	0.01	<0.5	2	33	8	0.70	<10
B475002	2.00	<0.01	<0.5	0.30	20	390	<0.5	2	0.01	<0.5	1	34	49	2.04	<10
B475003	1.50	<0.01	<0.5	0.25	23	710	<0.5	<2	0.01	<0.5	1	24	76	2.51	<10
B475004	6.92	<0.01	<0.5	4.87	22	340	<0.5	<2	0.06	0.5	40	26	165	7.86	20
B475005	4.82	<0.01	<0.5	9.32	33	360	<0.5	2	0.19	<0.5	60	20	137	4.11	30
B475006	1.36	<0.01	<0.5	0.80	66	2190	<0.5	5	0.05	<0.5	2	24	123	5.96	10
B475007	1.78	<0.01	<0.5	0.83	33	4600	<0.5	<2	0.03	<0.5	2	20	94	4.82	<10
B475008	3.64	<0.01	<0.5	0.44	25	170	<0.5	3	0.02	<0.5	7	26	84	5.33	<10
B475009	2.02	<0.01	<0.5	0.16	51	170	<0.5	3	<0.01	<0.5	11	33	56	3.53	<10
B475010	2.56	<0.01	<0.5	0.13	52	80	<0.5	3	<0.01	<0.5	20	32	88	5.93	<10
B475011	4.82	<0.01	<0.5	0.18	93	160	<0.5	<2	0.02	1.0	28	32	115	7.61	<10
B475012	3.94	<0.01	<0.5	0.16	50	190	<0.5	<2	<0.01	0.5	13	34	62	2.47	<10
B475013	2.00	<0.01	0.5	0.20	44	660	<0.5	2	0.01	<0.5	2	28	33	2.54	<10
B475014	1.56	<0.01	<0.5	0.13	45	520	<0.5	<2	0.03	<0.5	5	34	32	1.92	<10
B475015	1.04	0.01	0.6	1.48	71	2500	<0.5	7	0.08	<0.5	1	27	377	16.60	20
B475016	3.82	<0.01	<0.5	8.28	17	190	<0.5	3	0.09	<0.5	13	24	178	7.84	20
B475017	3.84	<0.01	<0.5	6.97	21	390	<0.5	<2	0.07	<0.5	11	20	96	6.17	20
B475018	1.68	<0.01	<0.5	0.31	43	270	<0.5	5	0.01	<0.5	1	27	61	3.40	<10
B475019	1.56	<0.01	<0.5	0.18	19	310	<0.5	2	0.01	<0.5	1	39	25	1.45	<10
B475020	1.60	<0.01	<0.5	0.10	32	210	<0.5	<2	0.01	<0.5	<1	22	30	1.99	<10
B475021	1.96	<0.01	<0.5	0.10	42	350	<0.5	5	<0.01	<0.5	<1	18	53	3.01	<10
B475022	1.54	<0.01	12.9	0.10	27	20	<0.5	2	<0.01	<0.5	1	18	69	2.18	<10
B475023	1.84	<0.01	0.7	0.10	45	10	<0.5	3	<0.01	<0.5	1	26	60	2.45	<10
B475024	1.70	<0.01	<0.5	0.06	31	20	<0.5	3	<0.01	<0.5	<1	18	58	2.38	<10
B475025	1.90	<0.01	0.5	0.17	43	50	<0.5	4	<0.01	<0.5	<1	20	75	4.05	<10
B475026	2.06	<0.01	<0.5	0.14	41	20	<0.5	<2	<0.01	<0.5	1	13	44	2.30	<10
B475027	1.68	<0.01	<0.5	0.24	329	110	<0.5	11	<0.01	<0.5	1	21	101	4.77	<10



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Account: EIA

Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07035594

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
B379901		0.02	<10	0.01	22	23	0.01	1	60	7	0.05	5	13	29	<20	0.51
B379902		0.02	<10	0.01	27	20	0.02	2	50	8	0.06	5	9	34	<20	0.50
B379903		0.01	<10	<0.01	16	13	0.01	2	240	16	0.09	6	8	265	<20	0.60
B379904		0.01	<10	<0.01	26	23	0.02	2	180	17	0.12	7	5	207	<20	0.47
B379905		0.01	<10	<0.01	17	15	0.02	<1	310	16	0.16	<5	11	265	<20	0.65
B379906		0.03	30	<0.01	9	10	0.01	11	890	66	2.43	7	8	807	<20	0.53
B379907		0.02	50	<0.01	8	8	0.02	12	1320	91	3.97	6	10	1150	20	0.42
B379908		0.02	40	<0.01	6	11	0.02	6	1080	98	2.04	9	13	1040	20	0.51
B379909		0.01	30	<0.01	7	8	0.01	5	950	80	2.70	7	13	992	<20	0.57
B379910		0.02	30	<0.01	10	14	0.01	7	1060	93	2.68	5	16	1130	20	0.61
B379911		0.03	70	<0.01	11	9	0.02	4	2080	88	2.75	8	23	1690	20	0.63
B379912		0.02	30	<0.01	8	14	0.03	2	1200	62	0.67	5	15	1150	<20	0.43
B379913		0.03	60	<0.01	15	16	0.02	10	1960	107	6.46	14	28	1590	20	0.67
B475001		0.01	<10	0.01	20	8	0.01	2	40	5	0.05	5	5	25	<20	0.49
B475002		0.01	<10	<0.01	18	28	0.01	1	50	7	0.10	6	4	36	<20	0.50
B475003		0.01	<10	<0.01	18	12	0.01	2	90	9	0.12	<5	8	77	<20	0.53
B475004		0.02	20	<0.01	46	8	0.02	46	940	60	8.84	6	10	733	<20	0.45
B475005		0.04	50	<0.01	5	17	0.02	38	2750	45	5.09	<5	21	1790	20	0.54
B475006		0.03	20	<0.01	21	19	0.02	2	1270	56	0.30	<5	11	957	<20	0.68
B475007		0.01	10	<0.01	18	9	0.04	3	630	38	0.34	<5	6	573	<20	0.28
B475008		0.01	10	<0.01	16	12	0.01	4	360	22	1.81	<5	3	420	<20	0.30
B475009		<0.01	<10	<0.01	26	16	0.01	6	30	13	2.26	6	3	19	<20	0.41
B475010		0.01	<10	<0.01	23	13	0.01	13	10	14	5.90	5	3	8	<20	0.33
B475011		0.01	<10	0.01	30	8	0.02	14	30	46	8.21	15	2	37	<20	0.22
B475012		0.01	<10	<0.01	24	19	0.01	7	30	27	2.48	11	2	32	<20	0.36
B475013		0.01	<10	<0.01	21	9	0.01	3	80	13	0.54	<5	5	93	<20	0.36
B475014		0.02	<10	<0.01	31	23	0.01	7	20	24	0.17	<5	3	16	<20	0.43
B475015		0.01	30	<0.01	9	39	0.03	1	1510	65	0.41	<5	7	1770	<20	0.08
B475016		0.02	40	<0.01	6	11	0.01	10	1560	83	8.90	<5	12	1620	20	0.43
B475017		0.01	20	<0.01	5	8	0.02	9	1170	48	6.78	<5	9	1190	<20	0.40
B475018		0.01	<10	<0.01	31	8	0.01	2	60	9	0.19	<5	7	44	<20	0.47
B475019		0.01	<10	<0.01	25	6	0.01	4	40	7	0.12	5	3	27	<20	0.39
B475020		0.01	<10	<0.01	21	7	0.01	2	20	10	0.05	<5	3	6	<20	0.43
B475021		<0.01	<10	<0.01	23	7	0.01	1	30	9	0.04	<5	1	8	<20	0.34
B475022		0.01	<10	<0.01	17	7	<0.01	2	20	5	0.02	<5	2	5	<20	0.35
B475023		<0.01	<10	<0.01	16	8	<0.01	3	20	6	0.02	<5	1	3	<20	0.38
B475024		<0.01	<10	<0.01	15	9	<0.01	<1	10	7	0.02	<5	1	2	<20	0.42
B475025		<0.01	<10	<0.01	23	8	<0.01	2	20	7	0.03	<5	1	10	<20	0.29
B475026		<0.01	<10	<0.01	12	4	<0.01	1	10	5	0.02	<5	1	10	<20	0.28
B475027		<0.01	<10	<0.01	17	22	<0.01	<1	50	14	0.04	6	1	23	<20	0.21



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CERTIFICATE OF ANALYSIS	VA07035594
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
B379901		<10	<10	12	<10	<2
B379902		<10	<10	12	<10	<2
B379903		<10	<10	25	<10	<2
B379904		<10	<10	32	<10	<2
B379905		<10	<10	20	<10	<2
B379906		10	<10	51	<10	<2
B379907		<10	<10	62	<10	<2
B379908		<10	<10	71	<10	<2
B379909		<10	<10	67	<10	2
B379910		<10	<10	88	<10	4
B379911		<10	<10	116	<10	2
B379912		<10	<10	89	<10	<2
B379913		<10	<10	130	<10	105
B475001		<10	<10	22	<10	<2
B475002		<10	<10	20	<10	2
B475003		<10	<10	31	<10	<2
B475004		<10	<10	94	<10	11
B475005		<10	<10	158	<10	3
B475006		<10	<10	49	<10	3
B475007		<10	<10	30	<10	2
B475008		<10	<10	29	<10	2
B475009		<10	<10	15	<10	<2
B475010		10	<10	10	<10	4
B475011		20	<10	9	<10	7
B475012		<10	<10	9	<10	2
B475013		<10	<10	23	10	<2
B475014		<10	<10	21	<10	9
B475015		<10	<10	86	<10	4
B475016		<10	<10	140	<10	3
B475017		<10	<10	115	<10	3
B475018		<10	<10	32	<10	2
B475019		<10	<10	13	<10	2
B475020		<10	<10	14	<10	2
B475021		<10	<10	11	<10	2
B475022		<10	<10	12	50	<2
B475023		<10	<10	15	<10	2
B475024		<10	<10	9	<10	2
B475025		<10	<10	12	<10	<2
B475026		<10	<10	7	<10	<2
B475027		<10	<10	27	<10	<2



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CERTIFICATE OF ANALYSIS	VA07035594
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B475028	0.96	<0.01	<0.5	0.13	232	310	<0.5	4	<0.01	<0.5	1	28	73	3.25	<10
B475029	1.60	<0.01	<0.5	0.22	133	290	<0.5	5	<0.01	<0.5	<1	22	35	1.68	<10
B475030	0.82	<0.01	<0.5	0.23	82	850	<0.5	4	<0.01	<0.5	2	28	31	2.79	<10
B475031	1.90	<0.01	<0.5	0.11	24	180	<0.5	8	<0.01	<0.5	1	25	58	3.64	<10
B475032	0.52	<0.01	<0.5	0.10	27	200	<0.5	14	<0.01	<0.5	1	25	64	4.14	<10
B475033	1.34	0.01	<0.5	0.10	23	880	<0.5	18	<0.01	<0.5	2	21	68	3.80	<10
B475034	1.88	<0.01	<0.5	0.07	15	250	<0.5	6	<0.01	<0.5	2	32	59	2.42	<10
B475035	1.82	<0.01	0.5	0.07	21	340	<0.5	10	<0.01	<0.5	3	34	77	3.83	<10
B475036	1.48	<0.01	<0.5	0.07	32	290	<0.5	15	<0.01	<0.5	2	40	66	3.54	<10
B475037	2.02	<0.01	<0.5	0.09	26	400	<0.5	8	<0.01	<0.5	2	23	49	3.03	<10
B475038	1.52	<0.01	<0.5	0.23	25	700	<0.5	7	0.01	<0.5	1	25	33	2.54	<10
B475039	1.36	<0.01	<0.5	0.13	69	250	<0.5	13	0.01	<0.5	1	22	28	1.95	<10
B475040	1.94	<0.01	0.5	0.08	42	70	<0.5	8	0.01	<0.5	1	17	17	1.22	<10
B475041	2.04	0.01	<0.5	0.10	35	70	<0.5	4	0.01	<0.5	<1	17	32	2.52	<10
B475042	1.86	<0.01	<0.5	0.10	23	110	<0.5	3	<0.01	<0.5	1	20	64	3.71	<10
B475043	1.86	<0.01	0.5	0.09	33	100	<0.5	6	<0.01	<0.5	1	22	107	5.36	<10
B475044	0.82	<0.01	<0.5	0.11	33	40	<0.5	<2	<0.01	<0.5	2	17	22	1.53	<10
B475045	0.72	<0.01	<0.5	0.12	37	40	<0.5	<2	<0.01	<0.5	1	14	21	1.73	<10
B475046	1.66	<0.01	<0.5	0.16	115	60	<0.5	7	<0.01	<0.5	1	16	55	2.86	<10
B475047	0.80	0.01	<0.5	0.14	147	60	<0.5	26	<0.01	<0.5	1	17	52	4.35	<10
B475048	1.04	<0.01	<0.5	0.14	80	80	<0.5	5	<0.01	<0.5	1	14	57	3.79	<10
B475049	1.72	0.01	<0.5	0.20	184	30	<0.5	6	<0.01	<0.5	1	13	56	3.87	<10
B475050	1.50	0.01	0.6	0.24	99	340	<0.5	<2	0.01	<0.5	<1	23	57	3.31	<10
E793604	1.78	0.01	<0.5	7.69	<5	240	0.5	<2	0.09	<0.5	20	17	97	5.48	20
E793605	2.40	0.01	<0.5	8.19	<5	80	<0.5	<2	0.07	<0.5	31	12	44	5.45	20
E793606	1.00	<0.01	<0.5	8.70	<5	220	0.6	<2	0.33	<0.5	45	18	12	7.50	20
E793607	4.18	0.01	<0.5	8.49	<5	280	0.7	<2	0.18	<0.5	23	19	59	6.36	20
E793608	3.08	0.01	<0.5	8.42	<5	240	0.9	<2	0.23	<0.5	26	15	41	6.17	20
E793609	1.46	0.01	<0.5	8.71	9	150	0.8	<2	0.23	<0.5	29	16	7	7.51	20
E793610	2.76	0.01	<0.5	9.00	11	180	0.9	<2	0.23	<0.5	22	7	18	6.75	20
E793611	0.08	0.15	1.1	5.64	1210	3150	1.7	<2	2.02	2.3	10	117	51	3.11	10
E793612	0.86	0.01	<0.5	8.78	13	370	0.9	<2	0.27	<0.5	21	10	63	4.72	20
E793613	3.60	0.01	<0.5	9.11	5	340	0.9	<2	0.26	<0.5	24	10	30	5.44	20
E793614	1.88	0.01	<0.5	8.83	5	320	0.9	<2	0.51	<0.5	21	8	185	5.43	20
E793615	4.58	0.01	<0.5	8.68	<5	280	0.8	<2	0.59	<0.5	14	12	107	5.28	20
E793616	5.96	0.04	0.5	9.81	12	360	0.9	<2	0.72	<0.5	32	8	124	7.89	20
E793617	1.48	0.01	2.1	9.20	<5	380	0.8	<2	0.58	0.6	23	12	87	7.36	20
E793618	2.00	0.01	0.5	9.35	<5	290	0.9	2	0.57	<0.5	23	9	47	7.26	20
E793619	2.62	0.01	<0.5	9.51	<5	270	0.9	<2	0.52	<0.5	15	15	26	7.48	20
E793620	1.22	0.01	<0.5	9.35	<5	230	1.0	<2	0.42	<0.5	18	13	109	5.56	20



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
B475028		<0.01	<10	<0.01	19	14	0.01	1	60	14	0.03	<5	2	7	<20	0.25
B475029		<0.01	<10	<0.01	19	11	0.01	2	40	10	0.02	<5	3	9	<20	0.28
B475030		<0.01	<10	<0.01	17	10	0.01	4	20	14	0.38	10	2	10	<20	0.34
B475031		0.01	<10	<0.01	24	6	0.01	3	60	7	0.15	<5	7	10	<20	0.29
B475032		0.01	<10	<0.01	28	6	0.01	1	140	8	0.20	<5	5	7	<20	0.26
B475033		<0.01	<10	<0.01	27	7	0.01	2	130	9	0.41	<5	5	10	<20	0.28
B475034		<0.01	<10	<0.01	22	5	0.01	2	50	5	0.17	<5	6	3	<20	0.28
B475035		<0.01	<10	<0.01	24	6	0.01	1	40	8	1.00	<5	3	6	<20	0.25
B475036		<0.01	<10	<0.01	24	9	0.01	2	40	9	0.67	5	3	5	<20	0.31
B475037		<0.01	<10	<0.01	23	8	0.01	2	40	6	0.47	6	5	14	<20	0.36
B475038		0.01	<10	0.03	21	9	0.01	1	80	10	0.14	16	11	101	<20	0.65
B475039		0.01	<10	0.03	22	12	0.01	3	70	6	0.06	16	8	84	<20	0.47
B475040		0.01	<10	0.01	17	9	0.01	2	30	4	0.02	7	5	11	<20	0.47
B475041		0.01	<10	0.01	14	6	<0.01	2	30	5	0.03	<5	5	<1	<20	0.39
B475042		<0.01	<10	<0.01	16	5	<0.01	3	10	5	0.05	<5	3	2	<20	0.31
B475043		<0.01	<10	<0.01	16	7	<0.01	<1	10	5	0.07	<5	3	2	<20	0.25
B475044		0.01	<10	<0.01	30	5	<0.01	4	80	7	0.01	<5	2	44	<20	0.46
B475045		0.01	<10	<0.01	16	5	<0.01	2	90	6	0.02	<5	2	64	<20	0.39
B475046		0.01	<10	<0.01	18	18	0.01	1	80	11	0.03	<5	3	46	<20	0.37
B475047		0.01	<10	0.01	14	19	0.01	1	100	13	0.03	7	9	73	<20	0.52
B475048		0.01	<10	<0.01	20	25	0.01	1	50	8	0.02	5	8	15	<20	0.48
B475049		0.01	<10	<0.01	19	24	0.01	1	110	12	0.02	<5	7	29	<20	0.40
B475050		0.01	<10	0.01	18	34	0.01	2	90	9	0.06	8	7	43	<20	0.38
E793604		1.25	10	0.41	20	2	0.08	7	90	<2	5.76	<5	11	35	<20	0.08
E793605		0.46	10	0.17	13	3	0.06	14	110	<2	5.91	<5	11	34	<20	0.09
E793606		1.34	10	1.04	113	1	0.32	16	390	<2	7.50	6	18	59	<20	0.10
E793607		1.39	10	1.25	33	1	0.13	19	520	<2	6.58	<5	18	34	<20	0.07
E793608		1.57	<10	1.86	41	<1	0.16	7	710	<2	6.52	5	18	53	<20	0.10
E793609		1.72	10	1.49	35	<1	0.16	8	690	<2	7.98	<5	19	45	<20	0.07
E793610		1.59	10	1.88	48	<1	0.15	6	720	<2	7.22	<5	22	48	<20	0.11
E793611		1.49	30	0.82	894	3	0.30	28	890	153	0.35	448	10	207	<20	0.25
E793612		1.56	10	1.92	54	<1	0.17	6	930	<2	4.92	11	22	55	<20	0.18
E793613		1.33	10	1.71	49	1	0.16	6	1030	<2	5.78	8	22	51	<20	0.15
E793614		1.11	10	2.21	130	<1	0.38	8	1160	<2	4.86	5	19	93	<20	0.15
E793615		0.79	10	2.53	249	<1	0.34	4	1150	<2	2.30	7	20	89	<20	0.35
E793616		0.89	10	1.96	164	3	0.43	7	1220	<2	7.05	<5	20	135	<20	0.15
E793617		0.98	10	1.92	138	2	0.40	10	1120	<2	6.74	<5	19	120	<20	0.16
E793618		1.24	10	1.82	100	<1	0.51	8	1140	4	7.56	<5	18	158	<20	0.12
E793619		1.61	10	1.44	98	<1	0.49	11	1170	<2	7.97	<5	14	151	<20	0.09
E793620		1.83	10	1.41	76	6	0.35	8	1110	<2	5.86	<5	14	108	<20	0.11





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North Vancouver BC V7J 2C1  
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To: EQUITY ENGINEERING LTD.  
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
B475028		<10	<10	22	<10	<2
B475029		<10	<10	10	<10	<2
B475030		<10	<10	6	<10	<2
B475031		<10	<10	13	<10	2
B475032		<10	<10	20	<10	2
B475033		<10	<10	18	<10	<2
B475034		<10	<10	11	<10	<2
B475035		<10	<10	9	<10	2
B475036		<10	<10	9	<10	2
B475037		<10	<10	11	<10	<2
B475038		<10	<10	29	<10	14
B475039		<10	<10	18	<10	11
B475040		<10	<10	13	<10	3
B475041		<10	<10	10	<10	6
B475042		<10	<10	10	<10	2
B475043		<10	<10	10	<10	2
B475044		<10	<10	19	<10	2
B475045		<10	<10	16	<10	<2
B475046		<10	<10	10	<10	<2
B475047		<10	<10	15	<10	<2
B475048		<10	<10	5	<10	<2
B475049		<10	<10	14	<10	2
B475050		<10	<10	9	<10	4
E793604		<10	<10	102	<10	3
E793605		<10	<10	140	<10	3
E793606		<10	<10	126	<10	23
E793607		<10	<10	147	<10	5
E793608		<10	<10	160	<10	6
E793609		<10	<10	154	<10	5
E793610		<10	<10	160	<10	5
E793611		<10	<10	132	<10	242
E793612		<10	<10	180	<10	4
E793613		<10	<10	183	<10	5
E793614		<10	<10	173	<10	10
E793615		<10	<10	225	<10	15
E793616		<10	<10	175	<10	16
E793617		<10	<10	153	<10	10
E793618		<10	<10	132	<10	8
E793619		<10	<10	103	10	8
E793620		<10	<10	114	<10	8



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793621	1.76	<0.01	<0.5	10.05	<5	240	0.7	<2	0.38	<0.5	32	39	11	7.23	20
E793622	1.70	<0.01	<0.5	10.45	<5	310	0.8	<2	0.36	0.5	32	44	11	7.27	20
E793623	1.02	0.01	<0.5	10.50	<5	430	0.8	<2	0.45	<0.5	20	32	147	4.64	10
E793624	1.26	0.01	<0.5	10.15	<5	360	0.7	<2	0.35	<0.5	26	35	18	5.68	20
E793625	1.28	0.01	<0.5	10.10	<5	210	0.8	<2	0.44	<0.5	34	30	89	7.43	20
E793626	4.28	0.01	<0.5	8.74	6	260	0.7	<2	3.78	<0.5	25	10	71	7.16	10
E793627	6.60	0.01	<0.5	8.93	<5	280	0.7	<2	2.96	<0.5	20	11	45	5.43	20
E793628	2.84	0.01	<0.5	9.40	10	260	0.5	<2	1.27	<0.5	30	13	64	7.90	10
E793629	5.36	0.01	<0.5	7.08	<5	290	0.5	<2	4.01	<0.5	27	10	30	6.99	10
E793630	5.58	0.01	<0.5	8.34	<5	240	0.7	<2	4.13	<0.5	22	28	39	5.25	10
E793631	3.40	0.02	<0.5	9.31	6	330	0.7	<2	0.37	<0.5	25	17	7	5.84	20
E793632	2.02	0.01	<0.5	9.68	<5	240	0.7	<2	0.40	<0.5	23	18	5	5.53	10
E793633	1.62	0.01	<0.5	8.35	<5	210	0.6	<2	3.53	<0.5	25	13	4	6.56	10
E793634	1.48	0.01	<0.5	8.25	<5	200	0.6	<2	3.05	<0.5	25	13	4	5.94	20
E793635	4.24	<0.01	<0.5	9.20	7	290	0.6	<2	1.94	<0.5	23	15	4	5.35	20
E793636	3.06	0.01	<0.5	7.42	10	210	<0.5	<2	4.11	<0.5	18	21	4	3.70	10
E793637	2.48	0.01	<0.5	8.16	<5	240	0.5	<2	3.09	<0.5	14	29	4	2.01	10
E793638	2.88	0.01	<0.5	9.87	<5	280	0.5	3	0.45	<0.5	22	24	5	4.20	10
E793639	4.80	0.06	<0.5	8.51	<5	360	0.6	2	0.29	<0.5	17	17	49	2.70	10
E793640	0.34	<0.01	<0.5	0.09	<5	10	<0.5	<2	0.01	<0.5	<1	1	2	0.03	<10
E793641	4.40	0.01	<0.5	7.78	5	410	0.7	<2	0.29	<0.5	19	9	301	3.63	10
E793642	7.56	0.02	<0.5	8.03	<5	320	0.8	<2	1.99	<0.5	22	11	969	5.73	10
E793643	7.30	0.02	<0.5	8.11	<5	230	0.7	<2	3.71	<0.5	23	38	492	4.67	20
E793644	7.78	0.01	<0.5	8.30	<5	300	0.6	<2	2.72	<0.5	22	47	527	4.55	10
E793645	7.60	0.02	<0.5	8.11	5	300	0.6	<2	2.17	<0.5	26	47	338	4.37	20
E793646	6.66	0.04	0.5	8.15	11	220	0.5	<2	3.72	<0.5	25	46	587	5.29	10
E793647	7.42	0.01	<0.5	8.35	11	210	0.6	<2	4.11	<0.5	33	8	622	5.33	10
E793648	7.58	0.01	<0.5	7.95	<5	290	0.6	<2	3.89	<0.5	23	6	311	4.01	10
E793649	6.86	0.01	<0.5	8.17	<5	350	0.6	<2	4.43	<0.5	23	7	238	3.90	10
E793650	7.66	0.02	<0.5	8.51	7	410	0.6	<2	3.46	<0.5	27	7	334	4.87	20
E793651	7.66	0.05	<0.5	8.48	7	380	0.7	<2	4.46	<0.5	28	7	175	5.38	10
E793652	7.38	0.03	<0.5	8.84	<5	410	0.7	<2	4.15	<0.5	22	11	194	4.43	20
E793653	8.18	0.01	<0.5	8.31	<5	390	0.7	<2	3.72	<0.5	22	8	148	4.81	10
E793654	7.62	0.03	<0.5	7.74	10	200	0.6	<2	4.35	<0.5	23	8	275	4.49	10
E793655	7.94	0.02	<0.5	7.86	<5	310	0.6	<2	3.79	<0.5	26	5	135	5.27	10
E793656	7.60	0.01	<0.5	7.05	8	230	0.6	<2	3.19	<0.5	15	8	86	3.46	10
E793657	7.46	0.01	<0.5	7.29	5	370	0.7	<2	3.09	<0.5	14	7	85	3.12	10
E793658	1.98	0.07	<0.5	7.98	7	170	0.6	<2	2.38	<0.5	19	59	354	4.38	20
E793659	7.52	0.03	<0.5	7.26	7	280	0.6	<2	4.09	<0.5	29	41	370	5.13	10
E793660	7.22	0.04	<0.5	7.46	<5	160	0.5	<2	4.41	<0.5	22	48	156	4.09	20



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North Vancouver BC V7J 2C1  
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793621	1.85	10	0.84	36	2	0.21	22	1220	<2	7.53	<5	21	55	<20	0.10
E793622	1.58	10	1.03	41	<1	0.18	24	1200	<2	7.66	<5	22	47	<20	0.10
E793623	1.28	10	1.44	95	1	0.30	17	1130	<2	4.43	<5	19	88	<20	0.17
E793624	1.60	10	1.28	58	1	0.20	17	1040	<2	6.11	<5	19	53	<20	0.14
E793625	1.72	10	1.70	96	<1	0.27	26	1100	<2	7.70	<5	24	87	<20	0.12
E793626	0.97	10	1.56	104	1	0.35	12	960	5	>10.0	<5	17	318	<20	0.14
E793627	1.23	10	2.09	98	2	0.23	5	1060	<2	8.20	<5	15	139	<20	0.11
E793628	1.03	10	1.30	92	1	0.27	16	940	<2	9.20	<5	16	110	<20	0.11
E793629	1.45	10	0.93	45	<1	0.14	14	720	3	>10.0	<5	15	165	<20	0.10
E793630	0.85	10	1.81	463	<1	0.87	22	1000	<2	4.89	<5	17	266	<20	0.37
E793631	1.72	10	0.81	26	1	0.20	17	1100	<2	6.17	6	19	48	<20	0.13
E793632	1.25	10	0.60	21	2	0.20	16	1230	<2	5.92	<5	15	43	<20	0.12
E793633	1.14	10	0.58	15	1	0.17	16	1260	<2	9.85	<5	19	106	<20	0.10
E793634	1.15	10	0.55	16	<1	0.16	12	1100	<2	8.68	5	19	98	<20	0.11
E793635	1.42	10	0.67	19	4	0.20	11	1140	<2	7.16	<5	17	75	<20	0.11
E793636	1.26	10	0.35	13	2	0.17	14	1010	<2	7.32	<5	15	82	<20	0.12
E793637	1.63	10	0.87	19	7	0.17	10	840	2	4.37	<5	16	68	<20	0.15
E793638	2.10	10	0.31	16	2	0.19	15	1700	<2	4.47	<5	19	36	<20	0.14
E793639	1.84	10	1.15	41	4	0.20	7	720	<2	2.71	<5	13	39	<20	0.10
E793640	0.01	<10	0.01	<5	1	0.01	<1	10	<2	0.02	<5	<1	2	<20	0.01
E793641	2.42	10	1.50	60	31	0.24	6	580	<2	3.30	8	13	31	<20	0.12
E793642	2.18	10	2.27	142	55	0.34	3	860	<2	6.05	5	22	73	<20	0.19
E793643	1.93	10	2.57	167	26	0.50	20	900	<2	5.85	5	22	165	<20	0.21
E793644	2.00	10	2.57	122	109	0.64	22	950	<2	5.73	6	23	138	<20	0.13
E793645	2.13	<10	2.42	88	32	0.66	22	930	<2	5.34	5	22	127	<20	0.15
E793646	1.62	10	2.26	187	39	0.50	21	860	4	5.12	10	22	210	<20	0.20
E793647	1.19	10	1.99	351	13	1.44	6	810	<2	4.88	6	20	346	<20	0.28
E793648	1.60	10	1.87	339	16	1.34	4	870	7	4.40	6	20	239	<20	0.31
E793649	2.12	10	1.46	159	34	1.07	7	850	<2	5.52	6	19	224	<20	0.21
E793650	2.17	10	1.24	143	12	1.03	8	890	<2	5.32	7	19	268	<20	0.21
E793651	2.07	10	1.21	117	9	1.08	6	870	<2	7.15	5	19	291	<20	0.23
E793652	2.05	10	1.37	124	18	1.07	7	910	<2	5.86	7	19	277	<20	0.18
E793653	2.07	10	1.33	102	13	0.91	6	940	<2	5.85	5	17	255	<20	0.19
E793654	2.16	10	0.99	59	34	0.61	9	710	<2	6.77	<5	16	268	<20	0.15
E793655	1.69	10	1.36	58	7	0.85	7	840	2	6.65	5	15	255	<20	0.17
E793656	2.19	10	1.02	33	15	0.46	6	590	2	5.49	6	12	152	<20	0.12
E793657	2.16	10	0.96	75	11	0.35	4	520	<2	4.18	5	11	93	<20	0.11
E793658	0.95	10	2.35	176	32	1.60	32	770	<2	2.38	8	24	168	<20	0.26
E793659	1.42	10	1.86	99	39	0.88	22	670	<2	6.84	5	20	189	<20	0.15
E793660	1.26	10	2.14	129	76	1.19	23	720	<2	5.42	<5	21	270	<20	0.22



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<b>CERTIFICATE OF ANALYSIS VA07035594</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793621		<10	<10	166	<10	6
E793622		<10	<10	176	<10	7
E793623		<10	<10	198	<10	10
E793624		<10	<10	179	<10	12
E793625		<10	<10	194	<10	16
E793626		<10	<10	132	<10	27
E793627		<10	<10	123	<10	37
E793628		<10	<10	136	<10	29
E793629		<10	<10	117	<10	23
E793630		<10	<10	123	<10	47
E793631		<10	<10	162	<10	5
E793632		<10	<10	131	<10	5
E793633		<10	<10	143	<10	4
E793634		<10	<10	141	<10	4
E793635		<10	<10	124	<10	3
E793636		<10	<10	109	<10	3
E793637		<10	<10	122	<10	6
E793638		<10	<10	159	<10	3
E793639		<10	<10	107	<10	6
E793640		<10	<10	1	<10	6
E793641		<10	<10	118	<10	11
E793642		<10	<10	163	<10	18
E793643		<10	<10	185	<10	23
E793644		<10	<10	188	<10	16
E793645		<10	<10	198	<10	14
E793646		<10	<10	181	<10	27
E793647		<10	10	178	<10	37
E793648		<10	10	193	<10	42
E793649		<10	<10	185	<10	14
E793650		<10	<10	203	<10	13
E793651		<10	<10	184	<10	14
E793652		<10	<10	187	<10	12
E793653		<10	<10	182	<10	11
E793654		<10	<10	165	<10	7
E793655		<10	<10	153	<10	8
E793656		<10	<10	109	<10	9
E793657		<10	<10	88	<10	8
E793658		<10	10	207	<10	17
E793659		<10	<10	177	<10	11
E793660		<10	<10	187	<10	17



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA07035594</b>
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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793661		0.28	<0.01	<0.5	0.06	8	10	<0.5	<2	0.01	<0.5	<1	6	2	0.03	<10
E793662		7.48	0.05	<0.5	7.49	<5	140	0.5	<2	4.36	<0.5	27	47	165	5.21	10
E793663		7.48	0.05	<0.5	7.97	<5	170	0.6	<2	4.66	<0.5	23	58	280	4.63	20
E793664		7.44	0.03	<0.5	8.78	<5	200	0.6	<2	4.86	<0.5	21	48	174	5.27	20
E793665		7.46	0.03	<0.5	8.43	<5	150	0.6	<2	4.73	<0.5	24	45	213	4.58	10
E793666		7.26	0.03	<0.5	7.93	8	230	0.5	<2	4.83	<0.5	21	58	268	4.43	20
E793667		7.50	0.03	<0.5	7.54	5	230	0.5	<2	5.22	<0.5	28	52	240	3.90	10
E793668		7.48	0.03	0.5	7.88	<5	220	0.6	<2	5.08	<0.5	18	46	272	4.47	10
E793669		7.76	0.03	<0.5	8.36	11	250	0.7	<2	5.79	<0.5	17	9	209	4.99	20
E793670		8.00	0.03	2.0	8.37	8	270	0.6	<2	4.95	<0.5	21	28	324	4.65	20
E793671		7.76	0.02	<0.5	8.08	<5	280	0.6	<2	4.02	<0.5	12	108	266	3.45	20
E793672		7.36	0.02	<0.5	7.65	6	260	0.7	<2	3.74	<0.5	12	52	264	3.59	20
E793673		7.48	0.03	<0.5	7.72	<5	200	0.5	<2	5.60	<0.5	29	122	437	6.31	10
E793674		8.28	0.04	<0.5	7.35	<5	110	<0.5	<2	6.52	<0.5	38	237	300	6.55	10
E793675		7.30	0.06	<0.5	8.29	5	220	0.6	<2	5.51	<0.5	27	118	308	5.29	20
E793676		8.04	0.02	0.5	7.40	<5	280	0.7	<2	3.77	<0.5	10	8	226	3.31	10
E793677		3.32	0.03	<0.5	7.40	<5	280	0.7	<2	3.43	0.6	10	7	164	2.23	10
E793678		3.34	0.02	<0.5	7.39	<5	270	0.7	<2	3.31	<0.5	9	5	189	2.18	10
E793679		7.02	0.10	<0.5	8.55	8	190	0.7	<2	5.32	<0.5	22	38	869	4.41	20
E793680		7.72	0.02	<0.5	8.70	<5	240	0.7	<2	6.34	<0.5	19	56	435	4.05	20
E793681		8.22	0.01	<0.5	8.10	5	190	0.6	<2	3.69	<0.5	29	38	358	5.03	10
E793682		7.74	0.02	<0.5	7.83	<5	280	0.5	<2	4.24	<0.5	29	47	404	4.60	10
E793683		7.72	0.02	<0.5	8.61	<5	260	0.6	<2	4.21	<0.5	22	20	387	5.16	10
E793684		7.30	0.01	<0.5	8.75	<5	320	0.7	<2	4.15	<0.5	17	9	175	4.46	10
E793685		7.40	0.02	<0.5	8.82	<5	280	0.7	<2	4.54	<0.5	15	25	142	4.23	10
E793686		7.64	<0.01	<0.5	8.58	14	310	0.7	<2	6.19	<0.5	20	48	35	5.19	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793661	<0.01	<10	0.01	<5	<1	0.01	6	10	2	0.01	<5	<1	1	<20	0.01
E793662	0.99	10	2.15	126	29	1.19	23	610	<2	6.27	9	20	308	<20	0.18
E793663	0.93	10	2.30	140	25	1.53	29	730	4	5.46	7	22	335	<20	0.21
E793664	0.83	10	2.56	227	27	1.74	29	770	5	4.29	<5	25	397	<20	0.28
E793665	0.65	10	2.48	119	15	1.99	28	740	3	4.59	6	24	417	<20	0.26
E793666	1.41	10	2.56	150	22	1.03	28	700	<2	4.94	<5	22	304	<20	0.24
E793667	1.88	10	1.19	75	35	0.76	26	700	<2	6.94	5	18	314	<20	0.14
E793668	1.03	10	1.99	175	31	1.47	27	770	<2	3.86	6	18	364	<20	0.20
E793669	1.91	10	2.25	196	64	0.73	12	970	3	7.51	6	17	358	<20	0.19
E793670	1.74	10	1.53	150	108	1.26	18	850	13	6.42	6	17	344	<20	0.18
E793671	1.64	10	2.15	203	110	1.24	40	760	<2	4.56	<5	20	280	<20	0.21
E793672	1.14	10	1.73	164	58	1.65	24	700	2	4.22	<5	17	340	<20	0.17
E793673	1.36	10	2.82	355	69	0.71	72	830	<2	6.57	5	27	299	<20	0.24
E793674	0.43	10	5.05	912	26	0.74	150	600	2	6.04	<5	35	309	<20	0.35
E793675	0.71	10	3.27	449	33	1.59	68	770	6	4.97	6	25	406	<20	0.30
E793676	1.49	10	1.02	140	47	1.61	7	460	2	5.56	<5	10	315	<20	0.10
E793677	1.17	10	1.04	117	123	1.95	5	460	4	3.58	8	9	314	<20	0.10
E793678	1.15	10	0.98	110	107	1.92	2	460	4	3.48	8	9	288	<20	0.09
E793679	0.88	10	1.97	222	40	1.84	19	860	8	4.84	9	18	349	<20	0.26
E793680	1.14	10	2.21	216	68	1.57	25	790	6	5.11	5	20	396	<20	0.26
E793681	1.79	10	1.74	204	38	0.80	21	910	10	5.91	<5	18	248	<20	0.19
E793682	1.42	10	1.34	180	57	1.65	32	780	3	5.65	<5	17	320	<20	0.18
E793683	1.50	10	1.71	233	58	1.49	10	940	<2	5.82	7	17	354	<20	0.22
E793684	1.28	10	1.52	193	6	2.27	6	980	5	5.08	7	15	388	<20	0.21
E793685	1.18	10	1.88	286	6	2.18	11	880	6	4.68	6	18	412	<20	0.22
E793686	1.30	10	2.02	587	3	1.44	31	1120	<2	4.92	<5	19	430	<20	0.42



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<b>CERTIFICATE OF ANALYSIS VA07035594</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793661		<10	<10	<1	<10	5
E793662		<10	10	149	<10	13
E793663		<10	10	189	<10	27
E793664		<10	10	218	<10	29
E793665		<10	10	206	<10	19
E793666		<10	<10	186	<10	18
E793667		<10	<10	162	<10	9
E793668		<10	<10	160	<10	21
E793669		<10	<10	138	<10	21
E793670		<10	10	150	<10	17
E793671		<10	10	163	<10	24
E793672		<10	10	136	<10	25
E793673		<10	<10	207	<10	40
E793674		<10	<10	218	<10	138
E793675		<10	10	186	<10	53
E793676		<10	10	80	<10	31
E793677		<10	10	72	<10	63
E793678		<10	10	69	<10	26
E793679		<10	10	148	<10	49
E793680		<10	10	157	<10	34
E793681		<10	<10	149	<10	29
E793682		<10	10	140	<10	28
E793683		<10	<10	153	<10	26
E793684		<10	10	153	<10	30
E793685		<10	10	165	<10	46
E793686		<10	<10	145	<10	52



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## CERTIFICATE VA07033414

Project: Hushamu

P.O. No.: WRN07-01

This report is for 144 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory





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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799185	7.90	0.10	<0.5	8.93	<5	270	0.7	<2	3.45	<0.5	19	60	1660	6.96	20
E799186	8.42	0.04	<0.5	9.45	8	180	0.6	<2	4.87	<0.5	15	64	1470	7.33	20
E799187	10.36	0.02	<0.5	9.10	<5	180	0.6	<2	4.59	<0.5	22	67	851	7.67	20
E799188	5.34	0.07	<0.5	8.53	<5	310	0.7	3	4.44	<0.5	15	75	1390	7.47	20
E799189	7.74	0.14	0.5	7.43	5	50	0.6	<2	10.45	<0.5	16	67	942	4.83	10
E799190	8.50	0.08	<0.5	7.44	5	50	0.6	<2	4.21	<0.5	31	78	801	5.36	10
E799191	9.12	0.04	<0.5	7.78	<5	120	0.7	<2	3.34	<0.5	26	88	926	6.58	20
E799192	3.36	0.01	<0.5	8.86	16	390	0.9	3	0.74	<0.5	23	8	108	5.51	20
E799193	2.22	0.01	<0.5	9.13	6	90	0.8	3	0.17	<0.5	25	7	37	6.23	20
E799194	2.02	0.01	<0.5	9.58	5	110	0.9	3	0.16	<0.5	24	8	30	5.42	20
E799195	3.42	0.01	<0.5	9.91	17	100	0.8	3	0.13	<0.5	31	11	30	6.63	20
E799196	3.08	0.01	<0.5	10.30	7	60	0.6	3	0.10	<0.5	35	14	20	6.88	30
E799197	4.86	0.02	<0.5	9.63	<5	200	<0.5	3	0.10	<0.5	26	18	24	6.56	20
E799198	3.32	0.02	<0.5	9.33	19	100	<0.5	2	0.10	<0.5	26	28	20	6.65	10
E799199	6.20	0.01	<0.5	9.74	27	40	<0.5	<2	0.09	<0.5	19	11	6	6.20	10
E799200	4.78	0.01	<0.5	9.76	16	30	<0.5	<2	0.09	<0.5	26	12	3	6.86	20
E799201	2.68	0.01	<0.5	9.59	17	50	<0.5	<2	0.10	<0.5	31	13	1	5.98	20
E799202	4.04	0.01	<0.5	9.14	<5	120	<0.5	3	0.15	<0.5	27	10	4	5.52	20
E799203	4.16	0.01	<0.5	8.95	<5	260	0.9	3	0.19	<0.5	20	5	11	4.54	20
E799204	5.46	0.01	<0.5	9.12	19	220	0.9	3	0.19	<0.5	19	8	9	4.61	20
E799205	5.46	0.01	<0.5	9.43	8	80	<0.5	<2	0.11	<0.5	18	15	7	4.78	10
E799206	2.58	<0.01	<0.5	10.05	6	80	<0.5	<2	0.10	<0.5	12	10	5	2.70	10
E799207	4.10	0.01	<0.5	10.25	18	20	0.5	3	0.13	<0.5	22	5	7	4.57	10
E799208	3.48	0.01	<0.5	9.39	14	40	<0.5	<2	0.18	<0.5	19	3	5	4.13	20
E799209	4.14	<0.01	<0.5	9.06	7	60	0.6	<2	0.22	<0.5	23	4	3	5.02	20
E799210	2.42	0.01	<0.5	8.82	17	160	0.8	<2	0.30	<0.5	27	11	12	4.94	20
E799211	1.74	0.01	<0.5	8.58	11	100	0.8	<2	0.31	<0.5	26	7	3	4.88	20
E799212	1.64	0.01	<0.5	9.38	<5	110	0.8	<2	0.34	<0.5	22	12	2	4.56	20
E799213	4.18	<0.01	<0.5	9.29	9	80	0.7	<2	0.33	<0.5	13	8	2	2.49	20
E799214	1.10	0.01	<0.5	8.62	13	130	1.0	<2	0.60	<0.5	31	4	5	4.57	20
E799215	7.82	0.01	<0.5	8.73	12	120	1.1	<2	2.16	<0.5	29	4	7	5.41	20
E799216	7.64	0.01	<0.5	8.62	8	90	0.9	<2	2.68	<0.5	21	6	2	3.40	20
E799217	9.58	0.01	<0.5	7.73	<5	160	0.9	<2	2.97	<0.5	32	10	3	4.35	20
E799218	7.52	0.01	<0.5	8.66	7	140	1.3	<2	3.31	<0.5	40	27	3	4.99	20
E799219	8.16	0.01	<0.5	8.47	<5	170	1.1	<2	2.00	<0.5	20	12	9	4.73	20
E799220	8.90	0.02	<0.5	8.28	7	210	1.1	2	1.69	<0.5	20	12	35	5.77	20
E799221	8.42	0.01	<0.5	8.53	8	290	1.1	<2	2.05	<0.5	21	13	19	4.77	20
E799222	7.48	0.02	<0.5	8.76	<5	170	0.8	<2	1.84	<0.5	28	18	18	6.02	20
E799223	8.36	0.02	<0.5	8.88	9	140	0.8	<2	2.66	<0.5	33	4	100	5.35	20
E799224	7.94	0.01	<0.5	8.63	<5	150	0.7	<2	3.06	<0.5	22	6	48	5.96	20



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799185		0.75	10	3.00	795	40	2.62	35	800	6	1.83	<5	25	438	<20	0.40
E799186		0.43	10	3.28	843	11	3.47	32	840	<2	1.77	<5	28	479	<20	0.41
E799187		0.45	10	3.05	821	15	3.13	34	930	7	2.52	<5	25	380	<20	0.40
E799188		0.69	10	2.82	617	21	2.92	30	770	8	2.04	6	24	373	<20	0.39
E799189		0.17	10	1.83	446	29	2.01	26	720	5	2.98	<5	20	215	<20	0.29
E799190		0.25	10	2.45	538	24	2.27	36	970	7	2.87	5	22	301	<20	0.32
E799191		0.54	10	2.85	880	31	1.59	40	1090	15	2.77	<5	23	316	<20	0.32
E799192		1.00	10	2.25	235	<1	0.40	15	780	18	4.84	<5	18	105	<20	0.16
E799193		0.56	10	1.05	30	<1	0.07	14	330	16	7.00	7	22	13	<20	0.14
E799194		0.59	10	1.24	31	<1	0.06	14	380	14	6.07	<5	24	12	<20	0.13
E799195		0.54	10	1.24	29	<1	0.06	17	350	21	7.44	<5	27	10	<20	0.16
E799196		2.10	10	1.02	17	<1	0.08	21	350	10	7.83	<5	30	18	<20	0.19
E799197		0.78	10	1.68	19	1	0.04	19	460	22	7.52	<5	25	28	<20	0.12
E799198		0.29	10	1.11	16	6	0.04	18	570	20	7.64	5	21	44	<20	0.11
E799199		0.04	10	0.06	8	<1	0.06	8	670	10	7.09	<5	15	89	<20	0.11
E799200		0.09	10	0.22	7	1	0.06	13	660	6	7.87	<5	19	58	<20	0.12
E799201		0.19	10	0.51	11	1	0.06	16	740	12	6.89	7	14	82	<20	0.11
E799202		0.56	10	0.93	21	2	0.08	12	890	7	6.40	6	16	42	<20	0.11
E799203		1.07	10	2.44	72	<1	0.12	9	890	8	4.51	<5	19	31	<20	0.13
E799204		0.82	10	1.97	68	<1	0.12	10	880	6	4.61	<5	17	32	<20	0.11
E799205		0.33	10	0.30	10	<1	0.10	10	630	3	5.55	<5	15	7	<20	0.10
E799206		0.32	10	0.26	8	<1	0.11	6	700	2	3.11	<5	16	11	<20	0.10
E799207		0.04	10	0.29	10	<1	0.12	12	830	9	5.25	<5	19	15	<20	0.14
E799208		0.23	10	0.45	17	<1	0.09	10	1140	7	4.90	<5	13	21	<20	0.19
E799209		0.38	10	0.53	20	1	0.07	9	1250	5	5.89	<5	20	26	<20	0.11
E799210		0.93	10	1.52	64	6	0.10	18	1130	28	5.74	5	28	35	<20	0.23
E799211		0.66	10	0.63	27	3	0.10	11	1320	16	5.72	<5	16	25	<20	0.21
E799212		0.70	10	0.62	26	2	0.11	13	1440	11	5.26	<5	17	26	<20	0.24
E799213		0.51	10	0.54	19	2	0.13	9	1480	3	2.85	<5	16	32	<20	0.25
E799214		0.77	10	0.65	24	2	0.18	18	1280	11	5.41	<5	12	51	<20	0.21
E799215		0.79	10	0.78	33	3	0.21	10	1210	17	7.61	<5	16	86	<20	0.18
E799216		0.52	10	0.65	23	2	0.20	9	1190	6	5.87	<5	18	73	<20	0.20
E799217		0.68	10	0.86	32	2	0.30	15	1020	13	6.81	<5	27	137	<20	0.11
E799218		0.77	10	2.06	74	3	0.30	27	1030	10	7.72	<5	38	136	<20	0.15
E799219		0.69	20	2.67	146	1	0.40	13	1370	11	5.43	<5	14	156	<20	0.16
E799220		0.74	20	2.15	142	3	0.40	9	1150	9	6.16	<5	15	150	<20	0.14
E799221		0.90	20	2.37	219	6	0.40	13	1220	10	4.07	<5	15	162	<20	0.13
E799222		0.76	10	2.37	183	44	0.48	18	890	15	6.16	<5	25	187	<20	0.13
E799223		0.64	10	2.39	196	<1	0.59	18	940	15	4.57	<5	19	238	<20	0.16
E799224		0.71	10	2.47	186	2	0.49	11	980	11	5.77	<5	19	226	<20	0.18



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799185		<10	<10	228	<10	121
E799186		<10	<10	217	<10	128
E799187		10	<10	208	10	128
E799188		<10	<10	193	<10	106
E799189		<10	10	146	<10	79
E799190		<10	10	159	<10	99
E799191		<10	<10	173	<10	145
E799192		<10	<10	141	<10	38
E799193		<10	<10	140	<10	15
E799194		<10	<10	149	<10	16
E799195		<10	<10	153	<10	15
E799196		<10	<10	181	<10	12
E799197		<10	<10	188	<10	18
E799198		<10	<10	152	10	19
E799199		<10	<10	150	10	5
E799200		<10	<10	171	<10	6
E799201		<10	<10	159	<10	11
E799202		<10	<10	157	<10	19
E799203		<10	<10	171	<10	42
E799204		<10	<10	150	<10	36
E799205		<10	<10	131	<10	9
E799206		<10	<10	111	10	9
E799207		<10	<10	180	<10	12
E799208		<10	<10	169	10	19
E799209		<10	<10	170	<10	19
E799210		<10	<10	219	<10	51
E799211		<10	<10	184	<10	28
E799212		<10	<10	191	10	23
E799213		<10	<10	179	<10	15
E799214		<10	<10	179	<10	20
E799215		<10	<10	191	<10	57
E799216		<10	<10	197	<10	23
E799217		<10	<10	159	10	20
E799218		<10	<10	204	<10	37
E799219		<10	<10	123	<10	58
E799220		<10	<10	120	<10	70
E799221		<10	<10	137	<10	80
E799222		<10	<10	198	10	76
E799223		<10	<10	184	<10	85
E799224		<10	<10	167	<10	83



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## CERTIFICATE OF ANALYSIS VA07033414

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799225	6.88	0.03	<0.5	9.33	<5	140	0.8	<2	2.97	<0.5	24	7	163	5.33	20
E799226	7.82	0.01	<0.5	8.47	9	120	0.8	<2	2.39	<0.5	17	9	90	5.33	20
E799227	7.44	0.02	0.5	8.76	5	150	0.9	<2	2.79	<0.5	22	5	53	4.54	20
E799228	7.60	0.03	0.5	8.77	9	140	0.8	<2	3.41	<0.5	19	8	108	5.32	20
E799229	6.26	0.02	<0.5	8.64	<5	120	0.8	<2	3.16	<0.5	21	5	38	5.33	20
E799230	8.26	0.01	<0.5	9.35	<5	170	0.8	<2	3.05	<0.5	20	11	90	5.59	20
E799231	6.74	0.01	<0.5	9.05	12	290	0.9	<2	2.43	<0.5	24	7	19	5.09	20
E799232	0.10	<0.01	<0.5	0.07	10	10	<0.5	<2	0.01	<0.5	<1	5	<1	0.03	<10
E799233	6.68	0.01	<0.5	9.20	6	340	1.0	<2	1.06	<0.5	17	14	92	5.49	20
E799234	7.68	0.02	<0.5	9.32	<5	260	1.0	<2	1.47	<0.5	32	13	329	5.94	20
E799235	5.50	0.01	<0.5	9.34	12	280	0.9	<2	2.66	<0.5	13	16	42	5.69	10
E799236	7.86	0.01	<0.5	8.65	16	170	0.8	<2	3.40	<0.5	10	12	53	6.70	20
E799237	7.12	0.01	<0.5	8.79	14	130	0.8	<2	4.02	<0.5	6	12	54	6.23	20
E799238	4.28	0.01	<0.5	8.86	15	130	0.9	<2	4.29	<0.5	8	13	87	5.63	10
E799239	6.22	0.02	<0.5	8.81	20	180	0.8	<2	3.68	<0.5	12	8	203	6.96	20
E799240	8.36	0.04	0.5	8.89	8	220	0.8	<2	2.97	<0.5	14	14	449	6.76	20
E799241	7.68	0.06	<0.5	8.60	11	230	0.8	<2	2.66	<0.5	17	16	528	6.83	20
E799242	7.64	0.05	0.6	8.10	11	410	0.7	<2	6.26	<0.5	20	15	556	6.07	20
E799243	7.40	0.07	0.7	8.56	14	360	0.8	<2	2.57	<0.5	22	19	1000	6.43	20
E799244	0.08	0.02	43.1	4.53	28	640	0.6	<2	1.14	<0.5	1	22	4540	1.52	10
E799245	6.96	0.10	1.0	7.78	21	260	0.7	<2	2.94	<0.5	21	7	1290	6.69	20
E799246	7.56	0.08	0.7	7.88	19	320	0.8	<2	3.37	2.0	26	8	1290	6.61	20
E799247	8.28	0.07	0.6	7.96	9	410	0.8	<2	3.25	<0.5	23	7	921	6.59	20
E799248	8.14	0.12	0.8	8.77	28	480	0.7	<2	4.01	0.6	29	33	1470	7.45	20
E799249	7.44	0.08	0.6	8.87	<5	740	0.7	<2	4.09	1.1	22	21	1110	8.02	20
E799250	7.62	0.09	0.7	8.49	18	290	0.7	<2	6.17	0.5	22	6	1050	7.79	20
E799251	7.76	0.11	0.5	8.19	16	360	0.8	<2	3.45	<0.5	23	4	1220	8.67	20
E799252	8.44	0.07	0.6	8.47	21	610	0.8	<2	2.70	<0.5	22	5	1360	7.65	20
E799253	7.44	0.12	0.7	8.66	<5	890	0.9	<2	1.81	<0.5	23	9	1880	6.80	10
E799254	6.84	0.19	1.0	8.00	<5	540	0.9	<2	2.02	<0.5	20	2	2290	6.95	20
E799255	6.48	0.10	0.6	8.76	16	680	0.7	<2	3.80	<0.5	20	8	1690	8.50	20
E799256	8.02	0.12	0.9	7.75	13	460	0.8	<2	3.00	<0.5	17	1	1900	5.54	20
E799257	8.78	0.17	0.9	8.17	9	740	0.7	<2	2.12	<0.5	25	4	1670	9.03	20
E799258	7.66	0.24	0.8	7.85	<5	640	0.6	<2	2.33	<0.5	24	5	1780	7.79	10
E799259	7.54	0.30	0.8	8.36	19	500	0.8	<2	2.67	<0.5	26	5	1760	8.01	20
E799260	8.34	0.25	1.0	8.28	11	610	0.7	<2	2.45	<0.5	24	8	1950	8.92	20
E799261	7.62	0.18	0.9	8.23	<5	520	0.7	<2	3.00	<0.5	21	5	1840	7.63	20
E799262	7.86	0.19	0.9	7.98	9	540	0.7	<2	2.57	<0.5	23	5	2030	9.74	20
E799263	8.22	0.19	0.9	8.05	<5	340	0.7	<2	2.85	<0.5	22	7	1480	8.24	20
E799264	7.20	0.02	<0.5	8.67	7	400	0.7	<2	4.04	<0.5	20	8	256	6.95	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799225	0.68	10	2.14	169	7	0.68	7	1110	8	4.08	<5	18	324	<20	0.22
E799226	0.67	10	2.26	174	<1	0.47	7	1000	13	5.28	<5	26	210	<20	0.18
E799227	0.85	10	2.32	213	5	0.47	8	1000	11	4.07	<5	18	210	<20	0.18
E799228	0.62	10	1.99	225	<1	0.80	9	1090	17	2.75	<5	18	303	<20	0.28
E799229	0.62	10	1.85	206	1	0.80	7	1020	11	4.07	<5	18	271	<20	0.13
E799230	0.91	10	1.97	222	3	0.86	6	1090	15	4.65	<5	18	284	<20	0.15
E799231	1.28	10	1.97	269	1	0.75	9	1040	4	4.00	<5	18	235	<20	0.12
E799232	0.01	<10	0.01	<5	<1	0.01	1	10	<2	0.02	<5	<1	1	<20	0.01
E799233	1.79	10	1.59	228	6	0.43	12	950	10	4.57	<5	20	151	<20	0.16
E799234	1.65	10	2.24	360	2	0.76	8	1030	23	3.42	<5	20	160	<20	0.16
E799235	1.44	20	1.96	224	44	1.51	9	1140	13	4.47	<5	25	206	<20	0.31
E799236	0.71	10	2.38	320	26	1.52	10	1150	10	1.81	<5	21	282	<20	0.36
E799237	0.56	10	2.14	359	9	1.64	10	1140	9	1.47	<5	21	411	<20	0.42
E799238	0.40	10	2.18	513	22	2.62	5	1240	20	1.09	<5	22	471	<20	0.47
E799239	0.98	10	2.26	455	15	1.92	9	1180	23	2.86	<5	21	329	<20	0.46
E799240	1.25	10	2.21	492	43	1.78	7	1140	53	2.24	<5	21	304	<20	0.44
E799241	0.97	10	2.79	488	29	1.82	10	990	12	1.92	<5	20	305	<20	0.40
E799242	2.32	10	3.11	523	26	0.07	9	950	34	4.26	<5	20	48	<20	0.38
E799243	1.78	10	2.76	753	36	0.81	13	1000	15	2.79	<5	21	163	<20	0.41
E799244	2.04	<10	0.14	227	212	1.15	<1	350	71	0.66	100	1	313	<20	0.06
E799245	1.74	10	1.65	591	64	0.79	9	810	15	4.39	<5	19	132	<20	0.36
E799246	1.04	10	1.71	587	62	1.98	10	1050	25	1.91	<5	20	336	<20	0.41
E799247	1.37	10	1.88	505	40	1.89	5	1030	18	2.53	<5	19	324	<20	0.40
E799248	1.67	10	2.24	555	78	1.54	20	600	95	3.14	<5	27	265	<20	0.47
E799249	1.87	<10	2.29	604	52	1.41	14	630	73	2.96	5	26	269	<20	0.49
E799250	1.02	<10	2.39	631	44	1.48	5	820	36	3.07	<5	21	337	<20	0.47
E799251	1.38	10	2.52	614	54	1.68	8	930	30	3.58	<5	21	295	<20	0.45
E799252	1.95	10	1.41	475	89	1.87	7	940	14	2.38	<5	20	325	<20	0.44
E799253	2.62	10	1.53	479	168	1.76	8	1040	25	1.97	5	22	265	<20	0.39
E799254	2.63	20	1.06	443	163	1.63	1	1330	15	2.59	<5	17	206	<20	0.38
E799255	2.47	10	0.86	390	155	1.55	7	840	17	2.03	<5	23	293	<20	0.42
E799256	2.78	20	0.94	415	148	1.15	<1	1350	16	2.79	<5	16	130	<20	0.38
E799257	2.92	10	1.36	422	111	1.30	5	1040	12	2.12	6	20	157	<20	0.37
E799258	2.31	10	1.70	479	130	1.25	9	900	13	1.83	<5	18	186	<20	0.38
E799259	2.01	10	2.50	469	141	1.81	3	970	12	1.09	<5	20	286	<20	0.45
E799260	2.19	10	1.97	525	88	1.97	3	1030	15	1.30	<5	20	293	<20	0.44
E799261	1.81	10	2.05	580	77	2.04	6	1030	19	1.93	<5	20	338	<20	0.45
E799262	1.83	10	1.73	568	83	2.13	5	980	11	0.93	<5	19	275	<20	0.40
E799263	1.23	10	1.68	740	47	2.52	5	940	19	1.05	<5	19	358	<20	0.40
E799264	1.08	10	1.84	946	13	2.58	3	810	6	0.75	<5	21	512	<20	0.47



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ALS Canada Ltd.

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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799225		<10	<10	202	<10	82
E799226		<10	<10	180	<10	76
E799227		<10	<10	174	<10	91
E799228		<10	<10	213	<10	93
E799229		<10	<10	192	<10	78
E799230		<10	<10	178	<10	80
E799231		<10	<10	168	<10	78
E799232		<10	<10	<1	<10	2
E799233		<10	<10	195	<10	83
E799234		<10	<10	217	<10	178
E799235		<10	<10	231	10	125
E799236		<10	<10	209	<10	107
E799237		<10	<10	210	<10	95
E799238		<10	<10	230	<10	141
E799239		<10	<10	218	<10	176
E799240		<10	<10	195	<10	243
E799241		<10	<10	178	<10	187
E799242		<10	<10	164	<10	242
E799243		<10	<10	176	<10	317
E799244		<10	<10	26	<10	55
E799245		<10	<10	164	<10	249
E799246		<10	<10	167	<10	395
E799247		<10	<10	183	<10	208
E799248		<10	<10	207	<10	335
E799249		<10	<10	209	<10	332
E799250		<10	<10	203	<10	257
E799251		<10	<10	208	<10	256
E799252		<10	<10	214	<10	286
E799253		<10	<10	161	<10	261
E799254		<10	<10	96	<10	247
E799255		<10	10	208	<10	316
E799256		<10	<10	81	<10	235
E799257		<10	<10	173	<10	371
E799258		<10	<10	159	<10	278
E799259		<10	10	192	10	198
E799260		<10	10	202	<10	252
E799261		<10	<10	192	<10	250
E799262		<10	<10	193	<10	264
E799263		<10	10	179	<10	228
E799264		<10	10	173	<10	86



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
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VANCOUVER BC V6C 1G8

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## CERTIFICATE OF ANALYSIS VA07033414

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799265		8.14	<0.01	<0.5	9.12	<5	480	0.7	<2	5.58	<0.5	20	7	69	5.92	20
E799266		2.64	<0.01	<0.5	9.17	9	530	0.7	<2	4.76	<0.5	21	7	66	6.02	20
E799267		4.16	0.08	1.0	9.03	9	400	0.9	<2	3.00	<0.5	25	6	1600	9.39	20
E799268		0.08	0.18	29.5	7.57	242	880	1.0	5	2.92	<0.5	10	11	1730	2.50	20
E799269		7.82	0.25	0.9	6.94	8	290	0.6	<2	2.82	<0.5	22	5	1460	8.33	10
E799270		8.40	0.37	1.2	7.32	<5	620	0.6	<2	2.18	<0.5	24	6	2310	9.14	20
E799271		7.14	0.28	1.2	7.62	<5	610	0.6	<2	2.61	<0.5	22	6	2090	9.77	10
E799272		8.64	0.41	1.1	6.94	21	580	0.7	<2	1.88	<0.5	20	6	2160	9.49	10
E799273		8.10	0.88	1.9	6.78	14	160	0.5	4	0.65	<0.5	33	11	1700	12.50	20
E799274		9.34	0.31	1.4	6.35	15	290	0.6	2	1.13	<0.5	22	17	1880	9.34	10
E799275		6.28	0.18	0.9	7.39	10	270	0.5	<2	1.68	<0.5	19	8	1180	7.36	20
E799276		7.42	0.08	0.5	7.07	14	160	0.5	<2	0.53	<0.5	19	5	599	7.53	20
E799277		5.58	0.08	0.5	7.74	25	240	0.9	<2	0.80	<0.5	21	10	843	9.70	20
E799278		2.42	0.02	<0.5	7.95	10	450	0.9	<2	1.47	<0.5	10	2	534	4.11	10
E799279		3.68	0.02	<0.5	7.93	12	670	0.9	<2	2.14	<0.5	10	3	557	4.12	20
E799280		3.58	0.01	<0.5	7.89	<5	680	0.9	<2	2.24	<0.5	11	1	519	3.93	10
E799281		7.82	0.01	<0.5	8.19	11	530	0.9	<2	1.33	<0.5	10	2	272	3.72	20
E799282		5.96	0.03	<0.5	7.83	13	260	0.7	<2	5.40	<0.5	18	42	294	4.58	20
E799283		7.68	0.03	<0.5	7.96	7	420	0.6	<2	4.94	<0.5	14	12	38	4.26	10
E799284		7.06	0.01	<0.5	7.52	12	450	0.6	<2	4.74	<0.5	14	12	41	4.10	10
E799285		2.86	0.01	<0.5	7.75	21	220	0.6	<2	6.07	<0.5	24	154	29	4.15	20
E799286		3.34	0.01	<0.5	8.09	<5	770	0.5	<2	4.44	<0.5	22	9	57	5.74	20
E799287		6.96	0.01	0.5	8.74	17	640	0.5	<2	4.94	<0.5	23	8	59	6.02	10
E799288		7.26	0.01	<0.5	8.72	17	470	0.5	<2	5.24	<0.5	22	8	58	5.98	20
E799289		7.10	<0.01	<0.5	8.47	6	430	0.5	<2	5.05	<0.5	22	6	59	5.91	20
E799290		0.10	0.01	<0.5	0.05	9	10	<0.5	<2	<0.01	<0.5	<1	<1	<1	0.02	<10
E799291		7.50	<0.01	0.5	8.88	<5	430	0.5	<2	5.18	<0.5	22	9	59	6.04	10
E799292		4.58	0.01	<0.5	8.12	9	500	0.5	<2	4.61	<0.5	21	7	56	5.74	20
E799293		6.60	<0.01	<0.5	8.43	<5	470	0.5	<2	5.25	<0.5	23	6	58	5.91	20
E799294		7.74	<0.01	<0.5	8.44	12	390	0.5	<2	5.24	<0.5	20	6	64	5.87	20
E799295		7.64	<0.01	<0.5	8.28	<5	390	0.5	<2	5.30	<0.5	23	8	52	5.91	20
E799296		7.96	<0.01	0.5	8.80	7	370	0.5	<2	5.74	<0.5	24	7	53	6.08	20
E799297		6.88	<0.01	<0.5	8.55	<5	350	0.5	<2	5.35	<0.5	22	8	52	5.64	10
E799298		8.00	<0.01	<0.5	8.14	9	440	0.5	<2	5.21	<0.5	20	8	52	5.49	10
E799299		7.68	<0.01	<0.5	8.78	<5	350	0.5	<2	5.45	<0.5	23	7	52	5.85	10
E799300		7.52	0.01	<0.5	9.02	<5	410	0.5	<2	5.73	<0.5	23	7	59	6.06	20
E799301		9.30	<0.01	<0.5	8.42	<5	460	0.5	<2	5.10	<0.5	24	7	59	5.94	10
E799302		5.74	0.05	<0.5	8.01	14	170	0.5	<2	5.56	<0.5	31	147	103	5.65	10
E799303		7.32	0.03	<0.5	7.31	10	250	0.5	<2	5.36	<0.5	41	228	55	5.64	20
E799304		7.88	0.01	<0.5	7.06	<5	160	0.5	<2	5.27	<0.5	39	209	19	6.30	10



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North Vancouver BC V7J 2C1  
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## CERTIFICATE OF ANALYSIS VA07033414

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799265		1.14	10	2.24	1160	<1	2.77	4	910	3	0.54	<5	25	525	<20	0.53
E799266		1.41	10	2.27	1200	1	3.15	3	920	<2	0.45	<5	25	519	<20	0.53
E799267		1.07	10	2.69	1050	34	2.37	5	1110	8	1.72	<5	23	405	<20	0.52
E799268		2.02	10	0.42	783	457	2.27	3	530	50	0.48	77	3	649	<20	0.13
E799269		0.99	10	1.72	896	28	1.91	6	770	8	1.02	<5	17	279	<20	0.38
E799270		1.66	10	1.93	943	39	1.94	7	830	8	1.35	<5	18	296	<20	0.38
E799271		1.84	10	1.87	1080	40	1.79	4	810	16	2.38	8	18	253	<20	0.41
E799272		1.65	10	1.62	944	23	1.83	3	770	15	1.99	<5	14	318	<20	0.31
E799273		1.78	<10	1.96	878	25	0.06	8	730	18	5.90	<5	18	18	<20	0.30
E799274		1.13	10	2.43	1450	21	0.15	9	510	11	3.57	<5	14	89	<20	0.22
E799275		1.63	10	2.02	1200	12	0.32	5	660	14	4.15	6	17	79	<20	0.26
E799276		2.15	<10	0.88	448	18	0.13	5	290	4	6.81	<5	15	53	<20	0.18
E799277		1.85	10	1.52	897	17	0.15	4	680	18	6.63	<5	16	100	<20	0.26
E799278		2.34	10	1.09	776	13	0.40	<1	510	6	2.69	<5	11	107	<20	0.18
E799279		1.58	10	1.19	1100	18	1.29	<1	480	22	1.99	<5	11	227	<20	0.22
E799280		1.65	10	1.08	1020	18	1.17	<1	510	37	2.02	<5	11	208	<20	0.22
E799281		2.23	10	1.18	735	16	0.75	1	420	8	2.49	<5	11	127	<20	0.18
E799282		1.87	10	1.71	294	35	0.49	22	800	18	3.32	<5	18	98	<20	0.31
E799283		0.78	10	1.79	884	1	2.24	7	710	5	2.02	<5	17	295	<20	0.37
E799284		0.93	10	1.73	848	1	2.15	6	680	4	1.91	<5	16	261	<20	0.36
E799285		1.10	<10	2.81	517	1	1.87	57	760	7	3.32	<5	27	257	<20	0.37
E799286		1.17	<10	2.71	1080	<1	2.52	6	730	3	2.38	<5	23	557	<20	0.48
E799287		1.03	<10	2.62	1140	<1	2.43	5	780	3	1.34	<5	25	598	<20	0.51
E799288		0.99	10	2.56	1140	<1	2.47	3	770	<2	1.41	<5	25	584	<20	0.50
E799289		0.96	10	2.47	1130	<1	2.58	3	800	4	1.70	6	24	533	<20	0.50
E799290		<0.01	<10	0.01	<5	<1	0.01	2	<10	<2	0.01	<5	<1	1	<20	0.01
E799291		1.00	10	2.56	1140	<1	2.55	5	800	<2	1.33	<5	26	522	<20	0.51
E799292		0.88	<10	2.37	1060	<1	2.47	4	800	<2	2.30	<5	22	688	<20	0.48
E799293		0.94	<10	2.44	1070	<1	2.53	6	780	2	2.36	<5	23	546	<20	0.50
E799294		1.00	10	2.43	1090	1	2.23	5	870	3	1.91	<5	25	476	<20	0.51
E799295		0.80	<10	2.55	1140	<1	2.25	6	720	3	1.79	7	22	546	<20	0.49
E799296		0.81	<10	2.57	1150	<1	2.32	5	730	<2	0.75	<5	23	499	<20	0.49
E799297		0.65	10	2.51	1060	<1	2.14	6	680	2	1.33	<5	23	456	<20	0.47
E799298		0.75	10	2.40	1040	<1	2.25	6	750	6	1.87	<5	21	487	<20	0.47
E799299		0.74	10	2.57	1130	<1	2.11	3	700	<2	0.45	9	26	464	<20	0.49
E799300		0.86	10	2.63	1130	<1	2.23	4	780	4	1.84	<5	26	541	<20	0.51
E799301		0.91	10	2.54	1080	<1	2.29	5	760	3	2.43	<5	24	518	<20	0.51
E799302		0.53	<10	3.41	397	<1	2.91	81	840	7	6.04	<5	25	498	<20	0.33
E799303		0.64	<10	6.39	641	<1	1.67	177	990	<2	5.42	7	31	464	<20	0.36
E799304		0.66	<10	5.31	594	2	2.02	162	950	<2	6.83	6	29	397	<20	0.31





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CERTIFICATE OF ANALYSIS VA07033414
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799265		<10	10	207	<10	76
E799266		<10	10	207	10	74
E799267		<10	10	221	10	269
E799268		<10	10	41	10	98
E799269		<10	10	166	<10	233
E799270		<10	<10	161	<10	233
E799271		<10	<10	179	<10	306
E799272		<10	<10	137	<10	203
E799273		<10	<10	169	<10	148
E799274		<10	<10	124	<10	247
E799275		<10	<10	132	10	139
E799276		<10	<10	122	<10	74
E799277		<10	<10	138	<10	212
E799278		<10	<10	87	<10	222
E799279		<10	10	85	<10	220
E799280		<10	<10	83	<10	231
E799281		<10	<10	87	<10	139
E799282		<10	<10	153	<10	34
E799283		<10	<10	133	<10	55
E799284		<10	10	127	<10	53
E799285		<10	10	222	<10	44
E799286		<10	10	215	<10	70
E799287		<10	10	230	<10	71
E799288		<10	10	226	<10	72
E799289		<10	10	221	<10	70
E799290		<10	<10	<1	<10	<2
E799291		<10	10	224	<10	70
E799292		<10	10	211	<10	71
E799293		<10	<10	223	<10	70
E799294		<10	10	212	<10	70
E799295		<10	10	227	<10	70
E799296		<10	10	231	<10	71
E799297		<10	10	215	<10	67
E799298		<10	10	201	<10	66
E799299		<10	10	218	<10	69
E799300		<10	10	228	<10	73
E799301		<10	<10	229	<10	71
E799302		<10	10	182	<10	31
E799303		<10	<10	226	<10	45
E799304		<10	10	215	<10	31



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799305	0.08	0.19	1.3	5.67	1140	3270	1.8	<2	2.16	1.4	9	110	47	3.19	20
E799306	7.40	0.01	<0.5	8.18	18	120	0.5	<2	4.98	<0.5	21	62	20	5.21	20
E799307	8.28	0.01	<0.5	6.39	7	70	<0.5	<2	6.64	<0.5	35	135	15	8.82	10
E799308	7.76	0.02	<0.5	6.99	<5	150	0.5	<2	4.68	<0.5	42	249	99	6.71	10
E799309	8.34	0.03	<0.5	7.37	11	80	0.5	<2	6.58	<0.5	34	271	173	7.01	10
E799310	7.80	0.02	<0.5	7.59	11	110	0.5	<2	4.99	<0.5	38	216	119	6.74	10
E799311	7.36	0.04	<0.5	7.16	<5	110	0.6	<2	5.57	<0.5	38	169	359	6.57	10
E799312	7.72	0.02	<0.5	7.03	8	130	0.6	<2	6.33	<0.5	49	272	85	7.46	10
E799313	8.78	0.02	0.5	6.19	7	100	0.6	<2	6.08	<0.5	41	326	126	6.60	10
E799314	3.56	0.01	0.5	6.55	21	130	0.6	<2	2.90	<0.5	32	232	45	7.14	20
E799315	7.26	0.01	<0.5	7.13	10	110	0.6	<2	5.39	<0.5	24	138	69	4.67	10
E793591	6.32	0.01	<0.5	9.51	17	40	<0.5	<2	0.12	<0.5	21	14	4	3.62	10
E793592	6.08	0.01	<0.5	9.06	<5	100	<0.5	<2	0.21	<0.5	18	14	5	3.50	10
E793593	8.22	0.02	<0.5	9.28	<5	240	0.5	<2	0.26	<0.5	12	12	8	3.15	10
E793594	5.32	0.03	<0.5	10.45	16	30	<0.5	<2	0.27	<0.5	10	12	14	2.29	10
E793595	6.84	0.04	<0.5	8.58	<5	220	0.9	<2	0.43	<0.5	16	14	49	5.05	20
E793596	3.02	0.01	<0.5	9.49	<5	150	0.8	<2	4.31	<0.5	25	47	47	6.47	20
E793597	0.12	<0.01	<0.5	0.06	<5	10	<0.5	<2	0.02	<0.5	<1	<1	<1	0.03	<10
E793598	5.10	0.01	<0.5	9.80	<5	20	<0.5	<2	0.43	<0.5	4	11	7	1.28	10
E793599	5.50	0.01	<0.5	10.15	10	30	<0.5	<2	0.26	<0.5	25	15	8	4.47	10
E793600	1.36	0.01	<0.5	8.05	<5	90	0.7	<2	0.22	<0.5	26	11	13	5.74	20
E793601	3.68	0.01	<0.5	7.69	9	110	0.5	<2	0.18	<0.5	19	11	20	5.40	20
E793602	4.38	0.01	<0.5	8.79	<5	80	0.6	<2	0.19	<0.5	22	17	9	5.38	20
E793603	3.40	0.01	1.3	8.84	<5	80	<0.5	<2	0.19	<0.5	16	14	58	3.29	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799305	1.52	30	0.89	896	4	0.33	28	930	162	0.36	481	11	227	<20	0.26
E799306	0.52	10	2.85	306	2	3.38	36	910	5	5.85	<5	21	384	<20	0.32
E799307	0.41	<10	3.60	276	3	2.72	92	620	2	>10.0	<5	21	195	<20	0.24
E799308	0.63	10	6.94	510	<1	1.07	191	920	2	6.94	<5	29	650	<20	0.29
E799309	0.42	20	6.19	753	<1	1.29	160	850	<2	7.52	<5	32	506	<20	0.23
E799310	0.56	10	5.65	482	2	1.73	117	920	2	7.27	<5	31	727	<20	0.23
E799311	0.65	<10	4.84	621	1	2.14	131	930	6	7.19	<5	28	380	<20	0.26
E799312	0.71	10	5.52	691	<1	1.23	202	1240	<2	7.96	<5	29	338	<20	0.28
E799313	0.52	<10	7.43	942	<1	0.66	248	1020	3	6.61	<5	31	292	<20	0.26
E799314	0.43	10	4.47	441	3	1.88	126	770	3	4.39	<5	23	248	<20	0.28
E799315	0.53	<10	4.60	512	1	2.41	104	830	2	4.56	<5	26	307	<20	0.30
E793591	0.19	10	0.10	15	2	0.09	19	580	<2	4.08	<5	21	45	<20	0.26
E793592	0.53	10	0.21	14	2	0.08	12	750	9	4.00	<5	14	31	<20	0.28
E793593	1.53	10	1.02	22	1	0.11	15	970	9	3.48	6	12	25	<20	0.27
E793594	0.06	10	0.05	15	12	0.08	4	1110	7	2.51	<5	8	47	<20	0.29
E793595	0.92	<10	2.17	93	4	0.20	8	720	10	5.13	6	22	74	<20	0.32
E793596	0.06	10	2.84	1110	<1	2.60	34	1390	10	0.08	8	17	540	<20	0.75
E793597	<0.01	<10	0.01	5	<1	0.02	<1	20	<2	0.01	<5	<1	2	<20	0.01
E793598	0.07	10	0.10	16	5	0.10	1	1070	6	1.48	<5	11	21	<20	0.38
E793599	0.15	10	0.10	21	2	0.09	16	700	14	4.99	<5	19	28	<20	0.15
E793600	0.52	<10	1.58	18	<1	0.06	17	710	11	6.47	5	19	13	<20	0.13
E793601	0.49	<10	1.93	24	1	0.05	14	720	6	5.63	<5	17	26	<20	0.14
E793602	0.41	<10	1.72	41	2	0.08	16	860	11	5.87	6	21	49	<20	0.16
E793603	0.45	10	1.40	27	3	0.07	8	850	9	3.69	10	17	18	<20	0.28



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## CERTIFICATE OF ANALYSIS VA07033414

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E799305		<10	<10	136	10	237
E799306		<10	10	164	<10	29
E799307		<10	10	155	<10	29
E799308		<10	<10	218	<10	39
E799309		<10	<10	218	<10	39
E799310		<10	<10	220	<10	38
E799311		<10	10	209	<10	36
E799312		<10	<10	211	<10	36
E799313		<10	<10	200	<10	45
E799314		<10	<10	154	10	56
E799315		<10	10	193	<10	38
E793591		<10	<10	139	<10	5
E793592		<10	<10	156	<10	7
E793593		<10	<10	180	<10	22
E793594		20	<10	105	<10	9
E793595		10	<10	208	<10	47
E793596		<10	<10	128	<10	90
E793597		10	<10	<1	<10	3
E793598		10	<10	152	<10	6
E793599		<10	<10	141	10	6
E793600		<10	<10	141	<10	23
E793601		<10	<10	151	<10	17
E793602		<10	<10	190	<10	48
E793603		<10	<10	187	<10	30



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## CERTIFICATE VA07030975

Project: Hushamu

P.O. No.: WRN07-01

This report is for 64 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 9-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799135	7.98	0.04	0.6	8.75	<5	320	0.7	<2	3.94	<0.5	23	8	1185	6.30	20
E799136	8.08	0.03	<0.5	9.18	10	220	<0.5	<2	3.65	<0.5	24	6	935	5.75	10
E799137	7.74	0.04	<0.5	9.41	<5	250	<0.5	<2	3.59	<0.5	19	5	159	5.19	20
E799138	8.04	0.05	<0.5	9.67	11	360	0.7	<2	2.01	<0.5	31	10	836	7.43	20
E799139	8.22	0.03	0.5	8.99	8	240	0.7	<2	3.48	0.5	28	4	1155	7.32	20
E799140	7.98	0.04	0.7	9.65	15	330	0.7	<2	2.81	0.9	28	6	1595	8.51	20
E799141	7.80	0.05	0.6	8.51	<5	300	0.7	<2	3.53	<0.5	22	6	1375	6.55	20
E799142	8.38	0.12	0.6	9.16	14	360	0.7	<2	3.91	3.5	24	10	1365	7.07	20
E799143	8.06	0.06	0.5	8.66	<5	390	0.6	<2	4.92	1.1	24	12	1525	6.91	20
E799144	7.94	0.09	0.8	8.36	8	280	0.7	<2	4.00	<0.5	22	3	1965	7.33	20
E799145	0.10	<0.01	<0.5	0.09	<5	10	<0.5	<2	0.02	<0.5	<1	<1	8	0.05	<10
E799146	7.56	0.09	0.6	9.51	<5	360	0.8	<2	4.33	<0.5	18	3	1355	7.27	20
E799147	7.82	0.25	0.6	9.69	10	330	0.7	<2	4.54	<0.5	17	1	1320	7.31	20
E799148	7.74	0.16	0.7	9.31	<5	350	0.7	<2	4.04	<0.5	21	22	1450	7.97	10
E799149	7.64	0.07	0.6	8.18	8	490	0.7	<2	4.15	0.5	23	45	1170	8.49	20
E799150	3.54	0.07	0.6	7.12	9	230	0.8	<2	3.51	<0.5	18	12	1360	7.95	20
E799151	4.66	0.04	<0.5	7.14	<5	480	0.8	2	2.48	<0.5	12	4	999	3.74	10
E799152	8.08	0.04	<0.5	7.88	10	570	0.8	<2	2.01	<0.5	11	9	958	5.19	10
E799153	8.06	0.07	0.7	6.98	<5	120	0.7	<2	3.03	<0.5	12	6	1240	4.55	10
E799154	8.26	0.05	0.6	7.92	<5	220	0.8	<2	2.50	<0.5	14	8	1030	5.02	10
E799155	8.20	0.03	0.6	7.25	7	560	0.7	<2	0.72	<0.5	15	6	722	3.79	20
E799156	7.98	0.06	0.6	7.14	<5	440	0.8	<2	1.60	<0.5	16	9	1490	3.61	10
E799157	8.20	0.05	0.5	6.86	<5	370	0.7	<2	2.00	<0.5	14	5	920	4.42	10
E799158	8.36	0.07	0.6	7.42	<5	240	0.8	<2	3.72	<0.5	13	17	1290	5.93	10
E799159	8.06	0.02	<0.5	8.10	<5	740	0.8	<2	2.92	<0.5	18	20	588	5.54	10
E799160	8.74	0.27	0.7	7.50	<5	620	0.6	<2	3.48	<0.5	21	45	1720	8.72	10
E799161	0.08	0.18	1.1	5.90	1340	3310	1.8	<2	2.21	2.7	10	106	54	3.34	10
E799162	8.04	0.22	0.7	7.99	6	330	0.6	<2	5.22	0.6	19	41	1760	9.05	20
E799163	8.18	0.10	0.5	7.93	<5	400	0.6	<2	4.56	0.5	21	38	1340	9.68	10
E799164	8.42	0.18	<0.5	8.47	<5	450	0.6	<2	4.73	<0.5	23	43	1640	8.78	20
E799165	8.36	0.09	<0.5	8.69	9	370	0.7	<2	4.39	<0.5	28	51	1330	9.52	10
E799166	7.78	0.07	<0.5	8.69	<5	350	0.7	2	5.20	<0.5	24	49	1410	8.21	20
E799167	8.80	0.09	0.7	8.76	9	500	0.7	<2	3.78	<0.5	22	53	1440	7.16	20
E799168	8.16	0.69	0.9	8.80	<5	570	0.6	<2	4.35	<0.5	24	50	1990	8.43	20
E799169	7.34	0.12	0.6	8.46	5	350	0.7	<2	4.86	<0.5	19	37	959	8.60	20
E799170	8.72	0.05	0.9	8.03	6	320	0.7	5	2.62	1.2	22	41	1380	7.82	10
E799171	5.38	0.02	<0.5	8.18	<5	460	0.7	3	3.68	<0.5	27	20	530	6.75	20
E799172(NO TAG)	4.36	0.02	<0.5	8.39	<5	640	0.8	<2	3.78	<0.5	18	1	61	5.24	20
E799173(TAG E799174)	9.10	0.04	0.6	8.27	<5	520	0.7	2	3.14	<0.5	28	46	1500	7.54	10
E799174(TAG E799172)	5.32	0.02	<0.5	8.60	5	540	0.7	<2	4.07	<0.5	23	11	288	6.23	20

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.



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CERTIFICATE OF ANALYSIS	VA07030975
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799135	1.89	10	2.28	867	26	0.48	8	920	7	4.22	<5	17	129	<20	0.39
E799136	2.26	10	0.84	293	55	0.46	10	970	4	5.11	<5	15	87	<20	0.34
E799137	3.05	10	0.22	52	54	0.15	7	790	5	5.62	7	17	47	<20	0.40
E799138	2.76	10	1.61	489	37	0.53	15	940	2	5.70	<5	21	111	<20	0.45
E799139	1.27	10	1.86	602	24	2.07	7	930	6	3.15	<5	17	403	<20	0.45
E799140	1.95	10	2.07	943	47	1.25	10	1030	8	3.99	<5	20	287	<20	0.45
E799141	0.91	10	2.04	880	29	2.24	9	870	5	0.86	5	15	447	<20	0.40
E799142	1.36	10	1.85	674	35	2.66	8	920	9	0.63	<5	16	479	<20	0.43
E799143	1.24	10	1.71	623	32	2.45	10	890	6	1.48	<5	17	423	<20	0.42
E799144	0.99	10	1.68	712	36	1.93	9	870	6	1.43	<5	16	366	<20	0.41
E799145	0.01	<10	0.01	5	<1	0.01	<1	20	<2	0.01	<5	<1	3	<20	0.01
E799146	1.14	10	1.83	719	45	3.28	9	900	2	0.78	<5	16	438	<20	0.44
E799147	1.13	10	1.63	563	33	3.44	8	990	8	0.70	<5	17	416	<20	0.45
E799148	0.94	10	2.15	726	48	2.91	14	870	3	0.64	<5	21	415	<20	0.45
E799149	1.08	10	2.39	796	29	2.52	24	910	9	0.77	<5	23	389	<20	0.41
E799150	0.53	10	1.49	1045	38	1.94	9	1120	9	3.13	5	16	339	<20	0.34
E799151	1.06	10	0.90	495	31	2.16	1	410	12	2.38	<5	8	341	<20	0.20
E799152	1.87	10	1.48	847	31	0.86	4	520	14	2.81	<5	12	188	<20	0.24
E799153	0.60	<10	1.14	902	37	1.88	4	450	10	1.92	<5	9	288	<20	0.20
E799154	0.99	10	1.36	981	26	2.18	2	530	13	2.38	6	11	311	<20	0.24
E799155	2.15	<10	1.32	693	44	0.55	1	350	14	2.19	<5	9	94	<20	0.17
E799156	1.32	10	1.03	449	30	1.76	2	350	10	2.52	<5	8	280	<20	0.17
E799157	1.17	<10	1.17	670	30	1.33	<1	360	10	2.23	<5	8	188	<20	0.16
E799158	0.46	<10	1.35	722	29	2.63	4	490	9	1.46	<5	12	365	<20	0.25
E799159	1.08	10	1.76	849	12	2.95	8	550	11	2.00	<5	16	366	<20	0.30
E799160	1.53	10	1.95	634	32	2.61	18	690	11	1.08	<5	22	347	<20	0.35
E799161	1.61	30	0.90	938	3	0.36	27	940	167	0.35	486	11	224	<20	0.26
E799162	1.05	10	2.02	685	26	2.25	19	750	6	1.84	<5	23	290	<20	0.39
E799163	1.23	10	2.31	757	22	2.98	20	730	9	0.74	<5	22	386	<20	0.35
E799164	1.60	10	2.47	725	24	3.18	22	740	11	0.45	<5	23	385	<20	0.39
E799165	1.31	10	2.68	893	23	2.79	23	800	14	1.72	<5	24	385	<20	0.41
E799166	0.99	10	2.14	787	29	2.80	17	790	8	1.12	<5	24	360	<20	0.40
E799167	1.31	10	2.26	620	31	2.59	21	850	10	2.03	7	24	390	<20	0.41
E799168	1.49	10	2.36	808	26	2.64	22	850	13	1.53	<5	24	439	<20	0.41
E799169	0.92	10	2.28	816	16	2.87	17	810	8	2.58	5	23	276	<20	0.43
E799170	1.36	10	2.16	805	27	1.52	16	730	13	2.77	<5	23	235	<20	0.37
E799171	1.32	10	2.08	898	13	1.49	7	830	9	2.57	<5	22	301	<20	0.42
E799172(NO TAG)	1.17	10	1.74	1080	1	2.78	2	930	2	0.24	<5	19	547	<20	0.50
E799173(TAG E799174)	1.39	10	2.33	665	30	1.73	22	760	7	2.15	<5	22	367	<20	0.36
E799174(TAG E799172)	1.04	10	1.82	932	7	2.81	5	910	5	1.10	<5	20	463	<20	0.46

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030975

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	TI	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E799135		<10	<10	164	<10	246
E799136		<10	<10	175	<10	109
E799137		<10	<10	208	<10	13
E799138		<10	<10	202	<10	127
E799139		<10	<10	189	<10	210
E799140		<10	<10	197	<10	260
E799141		<10	<10	162	<10	235
E799142		<10	10	173	<10	509
E799143		<10	10	167	10	251
E799144		<10	<10	164	<10	181
E799145		<10	<10	1	<10	4
E799146		<10	10	173	<10	152
E799147		<10	10	175	<10	132
E799148		<10	10	186	<10	171
E799149		<10	10	188	<10	222
E799150		<10	10	101	<10	139
E799151		<10	10	65	<10	81
E799152		<10	<10	98	<10	130
E799153		<10	10	66	<10	112
E799154		<10	10	94	<10	123
E799155		<10	<10	60	<10	102
E799156		<10	10	60	<10	85
E799157		<10	<10	55	<10	111
E799158		<10	<10	98	<10	115
E799159		<10	10	124	<10	149
E799160		<10	<10	157	<10	142
E799161		<10	<10	138	10	256
E799162		<10	<10	166	<10	128
E799163		<10	<10	161	<10	126
E799164		<10	10	191	<10	151
E799165		<10	10	199	<10	168
E799166		<10	10	191	10	135
E799167		<10	10	207	<10	116
E799168		<10	10	205	<10	154
E799169		<10	<10	192	<10	129
E799170		<10	10	188	<10	233
E799171		<10	10	176	<10	98
E799172(NO TAG)		<10	10	168	<10	80
E799173(TAG E799174)		<10	<10	190	<10	107
E799174(TAG E799172)		<10	10	173	<10	85

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.





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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA07030975</b>
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Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR															
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799175		8.06	0.30	1.0	8.12	<5	550	0.6	3	3.40	0.6	20	52	2750	8.27	20
E799176		0.10	<0.01	<0.5	0.06	<5	10	<0.5	2	0.01	<0.5	1	1	3	0.03	<10
E799177		7.38	0.05	1.0	8.72	<5	250	0.6	<2	4.12	0.8	26	48	1460	6.35	20
E799178		7.00	0.04	0.9	8.93	8	390	0.7	<2	3.56	<0.5	16	49	1660	8.05	20
E799179		9.48	<0.01	<0.5	9.21	11	540	0.8	<2	4.51	<0.5	18	3	94	5.75	20
E799180		8.08	<0.01	<0.5	8.50	5	520	0.7	<2	4.31	<0.5	19	2	112	5.87	20
E799181		8.04	<0.01	<0.5	8.89	<5	520	0.8	<2	4.54	<0.5	20	1	64	5.81	20
E799182		8.18	<0.01	<0.5	8.95	<5	500	0.7	2	4.23	<0.5	19	10	56	5.80	10
E799183		8.08	0.01	0.5	9.07	10	420	0.8	<2	3.63	0.8	22	37	614	6.69	20
E799184		7.66	0.01	0.5	8.47	<5	540	0.7	<2	3.91	0.9	21	54	594	6.33	10
E793577		7.36	<0.01	<0.5	8.27	<5	590	0.6	<2	3.74	0.5	19	9	64	5.57	20
E793578		4.04	0.01	<0.5	8.92	<5	170	0.5	<2	4.97	<0.5	16	4	64	4.55	20
E793579		4.52	0.04	<0.5	7.58	<5	590	0.9	<2	0.80	<0.5	12	5	158	3.69	10
E793580		4.66	0.10	<0.5	8.18	6	580	0.9	<2	0.88	<0.5	12	9	444	4.18	10
E793581		4.10	0.09	<0.5	8.24	<5	570	0.8	<2	0.87	<0.5	11	6	571	3.44	20
E793582		5.00	<0.01	<0.5	9.29	<5	350	0.7	<2	3.18	<0.5	19	7	61	5.72	10
E793583		5.76	0.02	<0.5	9.15	6	250	0.7	<2	2.69	<0.5	19	8	125	5.76	20
E793584		3.92	0.05	<0.5	8.81	<5	400	0.8	<2	1.60	<0.5	20	6	158	4.94	20
E793585		6.26	0.02	<0.5	9.36	9	240	0.7	<2	3.22	<0.5	22	6	144	5.92	20
E793586		3.02	0.01	<0.5	9.34	7	250	0.7	<2	3.29	<0.5	20	13	108	5.72	20
E793587		2.82	0.02	<0.5	8.80	7	210	0.6	<2	3.64	<0.5	18	9	83	5.33	10
E793588		3.80	0.01	<0.5	10.00	5	250	0.6	<2	5.46	<0.5	24	13	87	6.49	20
E793589		1.24	0.15	<0.5	8.89	<5	890	1.0	2	0.76	<0.5	12	4	354	5.05	20
E793590		1.62	0.05	<0.5	10.10	11	350	0.5	<2	0.54	<0.5	27	12	70	5.47	20

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.



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Account: EIA

Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030975

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799175		1.41	10	1.73	443	56	2.24	18	780	10	1.89	<5	23	396	<20	0.39
E799176		<0.01	<10	<0.01	<5	<1	0.01	<1	20	2	0.01	<5	<1	2	<20	<0.01
E799177		0.96	10	2.40	689	33	1.98	26	810	19	2.83	<5	25	402	<20	0.38
E799178		1.53	10	2.79	903	24	1.02	22	920	12	3.87	<5	26	287	<20	0.38
E799179		1.14	10	1.91	1165	1	2.97	<1	950	16	0.74	<5	22	553	<20	0.53
E799180		1.17	10	1.90	1150	1	2.82	<1	970	4	0.08	<5	20	526	<20	0.54
E799181		1.21	10	1.86	1140	<1	2.84	<1	1010	5	0.06	<5	21	544	<20	0.55
E799182		1.06	10	1.99	1140	<1	3.10	3	1020	5	0.14	<5	21	573	<20	0.56
E799183		0.93	10	2.34	1155	8	2.78	23	1060	5	1.60	8	22	515	<20	0.58
E799184		0.85	10	2.41	1065	16	1.92	36	1130	7	1.01	7	20	497	<20	0.59
E793577		0.92	<10	2.03	1240	<1	3.10	9	900	2	0.04	9	17	496	<20	0.47
E793578		0.34	10	1.59	924	1	2.75	7	700	2	0.73	5	16	263	<20	0.38
E793579		2.04	10	1.77	108	25	0.42	4	420	5	3.31	<5	15	70	<20	0.17
E793580		1.97	10	2.60	128	52	0.43	3	560	3	2.59	<5	17	79	<20	0.26
E793581		2.10	10	2.25	104	53	0.25	3	540	3	2.76	<5	20	57	<20	0.20
E793582		0.50	10	2.41	1065	1	3.72	5	890	3	0.29	<5	20	557	<20	0.46
E793583		0.77	10	2.34	901	30	3.55	6	840	2	1.27	<5	22	355	<20	0.41
E793584		1.65	10	2.74	520	28	1.75	3	670	4	2.44	<5	18	183	<20	0.30
E793585		1.01	10	2.18	854	13	3.43	6	810	2	2.92	<5	20	358	<20	0.41
E793586		0.67	10	2.52	1035	14	3.27	9	810	2	0.97	<5	22	367	<20	0.44
E793587		0.58	10	2.31	978	5	3.01	7	750	4	0.88	<5	21	356	<20	0.41
E793588		0.55	<10	3.24	1155	3	1.90	11	730	4	0.21	<5	27	428	<20	0.47
E793589		2.61	10	2.80	268	41	0.19	3	560	3	1.61	<5	18	45	<20	0.28
E793590		1.44	10	2.10	67	15	0.17	10	780	3	4.21	<5	32	33	<20	0.29

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.



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<b>CERTIFICATE OF ANALYSIS VA07030975</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799175		<10	<10	195	<10	97
E799176		<10	<10	<1	<10	4
E799177		<10	10	219	<10	147
E799178		<10	<10	218	<10	104
E799179		<10	10	179	<10	92
E799180		<10	10	196	<10	86
E799181		<10	<10	186	<10	86
E799182		<10	<10	174	<10	82
E799183		<10	<10	175	<10	112
E799184		<10	<10	151	<10	135
E793577		<10	<10	169	<10	72
E793578		<10	10	136	<10	55
E793579		<10	<10	107	<10	44
E793580		<10	<10	149	<10	59
E793581		<10	<10	142	<10	30
E793582		<10	20	161	<10	54
E793583		<10	20	165	<10	72
E793584		<10	10	148	<10	73
E793585		<10	20	164	<10	50
E793586		<10	20	175	<10	63
E793587		<10	10	165	<10	59
E793588		<10	10	221	<10	76
E793589		<10	<10	139	<10	72
E793590		<10	<10	271	<10	30

Comments: Samples E799172, E799173 and E799174 were mis-matched with sample ID tags in bags (if available) and noted as such on label ID.



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## CERTIFICATE VA07030925

Project: Hushamu

P.O. No.:

This report is for 99 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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## CERTIFICATE OF ANALYSIS VA07030925

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793076		5.20	0.04	<0.5	2.30	11	150	<0.5	<2	0.04	<0.5	1	8	17	0.19	<10
E793077		3.62	0.12	<0.5	7.03	45	110	<0.5	<2	0.04	<0.5	16	10	130	0.51	<10
E793078		3.68	0.06	<0.5	1.11	<5	130	<0.5	<2	0.02	<0.5	1	11	10	0.16	<10
E793079		6.02	0.09	<0.5	2.59	<5	340	<0.5	<2	0.03	<0.5	2	6	28	0.19	<10
E793080		2.72	0.07	<0.5	0.79	<5	360	<0.5	<2	0.02	<0.5	1	10	8	0.22	<10
E793081		0.10	<0.01	<0.5	0.06	<5	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10
E793082		3.22	0.08	<0.5	10.50	8	150	<0.5	<2	0.05	<0.5	2	9	18	0.25	<10
E793083		5.88	0.20	<0.5	9.40	29	260	<0.5	<2	0.04	<0.5	8	10	150	0.68	10
E793084		5.84	0.19	<0.5	10.90	<5	280	<0.5	<2	0.09	<0.5	6	12	147	0.54	10
E793085		6.00	0.30	<0.5	11.10	10	250	<0.5	<2	0.10	<0.5	9	13	87	0.49	10
E793086		5.88	0.13	<0.5	9.52	<5	220	<0.5	<2	0.07	<0.5	12	8	48	1.01	10
E793087		0.08	0.01	40.2	4.69	27	630	0.6	2	1.08	<0.5	3	23	4560	1.47	10
E793088		7.20	0.16	<0.5	10.20	6	250	<0.5	<2	0.09	<0.5	14	10	125	0.69	10
E793089		5.70	0.08	<0.5	5.04	<5	170	<0.5	<2	0.05	<0.5	15	8	27	1.11	<10
E793090		5.90	0.13	<0.5	8.64	7	360	<0.5	<2	0.08	<0.5	14	17	29	1.77	10
E793091		7.78	0.24	<0.5	11.40	8	520	<0.5	<2	0.10	<0.5	9	13	85	1.68	10
E793092		6.34	0.25	<0.5	11.60	<5	170	0.8	<2	0.08	<0.5	7	16	28	1.83	20
E793093		6.80	0.44	<0.5	11.30	9	90	1.0	<2	0.11	<0.5	14	14	173	2.10	10
E793094		5.26	0.25	<0.5	8.87	21	120	0.6	<2	0.10	<0.5	15	10	465	1.91	10
E793095		7.38	0.26	<0.5	8.05	<5	60	0.8	<2	0.13	<0.5	18	9	700	4.75	10
E793096		2.88	0.33	<0.5	10.10	10	310	1.3	<2	0.19	<0.5	19	10	769	6.21	10
E793097		7.46	0.40	<0.5	9.70	19	50	1.1	<2	0.12	<0.5	18	11	311	3.50	10
E793098		4.64	0.29	<0.5	9.57	<5	20	1.1	<2	0.14	<0.5	20	8	798	5.91	10
E793099		7.48	0.44	<0.5	7.92	<5	120	1.2	<2	0.14	<0.5	20	10	786	6.56	10
E793100		6.30	0.51	<0.5	7.94	6	220	1.3	<2	0.17	<0.5	21	3	781	7.40	10
E793104		3.14	1.21	0.5	7.27	<5	130	1.5	<2	0.14	<0.5	18	5	988	3.98	10
E793105		4.02	1.60	0.9	6.25	<5	250	2.1	<2	0.17	<0.5	22	2	1560	8.51	10
E793106		7.22	0.93	0.6	6.62	<5	350	2.0	<2	0.19	<0.5	20	3	1100	9.45	10
E793107		7.46	1.14	0.8	6.52	5	1300	1.3	<2	0.33	<0.5	19	2	1265	7.11	10
E793108		7.24	0.96	1.0	5.91	<5	1800	1.1	<2	0.52	<0.5	15	2	1630	8.40	10
E793109		6.76	0.54	0.6	5.56	<5	410	1.2	<2	0.33	<0.5	18	2	1140	6.53	10
E793110		7.56	1.46	1.2	4.69	<5	600	0.9	<2	0.46	<0.5	16	2	1595	7.26	10
E793111		7.18	0.83	0.8	5.65	<5	560	1.0	<2	0.38	<0.5	18	6	1150	7.15	10
E793112		7.40	1.01	1.4	5.25	<5	500	1.0	<2	0.56	<0.5	13	3	1535	8.14	10
E793113		7.32	1.16	1.6	4.85	<5	380	1.0	<2	0.83	<0.5	15	7	2150	5.51	10
E793114		7.18	2.66	1.1	5.76	<5	560	1.1	<2	0.56	<0.5	15	4	1745	7.49	10
E793115		7.06	1.49	1.2	5.60	<5	390	1.0	<2	0.51	<0.5	17	4	1700	7.21	10
E793116		6.54	1.15	1.7	5.24	<5	370	1.1	<2	0.47	<0.5	15	4	1515	6.53	10
E793117		4.04	0.64	1.7	3.93	7	170	0.9	<2	0.28	1.0	20	2	1490	10.60	10
E793118		3.38	0.91	2.4	4.28	13	220	1.0	<2	0.22	9.1	18	4	2170	6.43	10



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030925

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793076		0.03	10	<0.01	13	52	0.01	<1	660	65	0.09	<5	1	507	<20	0.13
E793077		0.02	30	0.01	7	116	0.02	4	640	29	0.52	<5	2	261	<20	0.11
E793078		0.01	10	<0.01	12	46	0.01	<1	320	28	0.05	<5	1	340	<20	0.12
E793079		0.01	10	<0.01	6	101	0.01	<1	450	40	0.12	<5	2	431	<20	0.16
E793080		0.01	<10	<0.01	14	95	<0.01	<1	260	20	0.04	<5	1	254	<20	0.12
E793081		<0.01	<10	<0.01	<5	1	0.01	<1	20	<2	0.01	<5	<1	2	<20	0.01
E793082		0.01	<10	0.01	8	172	0.04	<1	740	44	0.14	<5	3	314	<20	0.15
E793083		0.01	10	<0.01	6	209	0.02	5	530	19	0.68	<5	5	258	<20	0.15
E793084		0.12	10	0.01	7	57	0.04	5	690	8	0.50	<5	8	263	<20	0.19
E793085		0.20	10	0.01	5	347	0.04	4	660	6	0.37	<5	7	199	<20	0.17
E793086		0.03	10	0.01	5	104	0.04	4	580	8	1.01	<5	6	175	<20	0.23
E793087		2.10	<10	0.12	227	211	1.15	<1	330	69	0.66	98	1	308	<20	0.06
E793088		0.12	10	0.01	7	120	0.05	4	630	7	0.51	<5	9	108	<20	0.21
E793089		0.01	10	<0.01	9	85	0.02	1	390	9	1.16	5	4	98	<20	0.20
E793090		0.06	10	0.01	7	50	0.04	2	660	16	1.86	<5	9	107	<20	0.20
E793091		0.54	10	0.03	5	79	0.06	4	570	15	1.25	<5	20	88	<20	0.25
E793092		0.05	<10	0.05	6	221	0.04	3	570	6	0.25	<5	14	58	<20	0.27
E793093		0.05	10	0.05	7	296	0.03	9	640	6	1.28	<5	28	57	<20	0.27
E793094		0.06	10	0.06	10	353	0.03	5	430	2	1.14	<5	21	58	<20	0.27
E793095		0.18	10	0.19	23	376	0.02	8	460	8	0.33	<5	23	23	<20	0.28
E793096		1.11	20	0.13	20	629	0.03	10	540	4	0.51	<5	16	25	<20	0.21
E793097		0.03	10	0.04	8	416	0.02	7	630	12	3.44	<5	14	47	<20	0.28
E793098		0.03	10	0.11	23	249	0.02	7	660	<2	1.55	<5	9	12	<20	0.24
E793099		0.36	10	0.18	22	105	0.02	9	450	3	0.63	<5	17	11	<20	0.22
E793100		0.85	20	0.19	24	101	0.02	7	570	7	0.87	<5	23	20	<20	0.26
E793104		1.02	20	0.12	17	57	0.02	3	360	5	2.49	<5	25	27	<20	0.20
E793105		1.71	10	0.74	63	19	0.01	5	290	6	0.33	<5	17	15	<20	0.20
E793106		2.03	10	1.17	86	20	0.01	2	400	9	0.14	<5	18	16	<20	0.22
E793107		2.79	10	2.34	137	21	0.02	<1	410	18	0.18	6	11	41	<20	0.23
E793108		2.58	10	2.34	154	39	0.02	<1	370	15	0.20	<5	12	53	<20	0.20
E793109		1.78	10	2.49	192	34	0.02	<1	310	5	0.05	<5	11	17	<20	0.20
E793110		1.61	10	2.49	160	17	0.02	<1	300	6	0.07	<5	9	21	<20	0.19
E793111		2.37	10	2.60	176	15	0.04	1	310	8	0.05	<5	11	30	<20	0.22
E793112		1.77	10	3.26	185	13	0.04	<1	330	5	0.06	5	9	25	<20	0.19
E793113		1.37	10	3.48	166	28	0.02	3	330	18	0.11	<5	9	17	<20	0.17
E793114		1.87	10	4.93	185	22	0.03	3	350	11	0.08	8	12	27	<20	0.21
E793115		1.82	10	3.77	143	19	0.03	<1	270	6	0.08	<5	11	21	<20	0.20
E793116		1.62	10	4.03	187	13	0.03	<1	290	12	0.18	7	12	20	<20	0.18
E793117		0.45	<10	3.77	148	15	0.01	2	210	22	2.94	<5	8	8	<20	0.13
E793118		1.17	10	2.44	111	22	0.02	<1	230	95	2.75	<5	8	8	<20	0.15



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793076		<10	<10	13	<10	15
E793077		<10	<10	50	<10	15
E793078		<10	<10	13	<10	19
E793079		<10	<10	30	<10	15
E793080		<10	<10	13	<10	22
E793081		<10	<10	1	<10	3
E793082		<10	<10	38	<10	13
E793083		<10	<10	63	<10	15
E793084		<10	<10	136	<10	11
E793085		<10	<10	112	<10	18
E793086		<10	<10	85	<10	20
E793087		<10	<10	26	<10	59
E793088		<10	<10	103	<10	27
E793089		<10	<10	42	<10	33
E793090		<10	<10	93	<10	31
E793091		<10	<10	132	10	21
E793092		<10	<10	142	40	19
E793093		<10	<10	227	10	24
E793094		<10	<10	157	10	30
E793095		<10	<10	175	<10	62
E793096		<10	<10	158	10	68
E793097		<10	<10	160	<10	41
E793098		<10	<10	127	<10	83
E793099		<10	<10	153	<10	101
E793100		<10	<10	185	<10	68
E793104		<10	<10	146	<10	74
E793105		<10	<10	102	<10	216
E793106		<10	<10	101	<10	175
E793107		<10	<10	87	<10	183
E793108		<10	<10	86	<10	252
E793109		<10	<10	82	<10	254
E793110		<10	<10	72	<10	209
E793111		<10	<10	78	<10	234
E793112		<10	<10	77	<10	231
E793113		<10	<10	69	<10	152
E793114		10	<10	83	<10	182
E793115		<10	<10	79	10	154
E793116		10	<10	79	10	198
E793117		10	<10	69	<10	220
E793118		<10	<10	67	<10	929



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ALS Canada Ltd.

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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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## CERTIFICATE OF ANALYSIS VA07030925

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793119		3.22	0.96	2.2	4.36	7	200	1.0	<2	0.22	7.7	16	4	2060	6.39	10
E793120		7.12	0.94	2.2	4.10	6	190	0.9	<2	0.22	3.6	15	4	1745	5.41	10
E793121		7.06	0.96	1.0	5.01	<5	270	1.1	<2	0.43	0.7	12	5	1090	5.77	10
E793122		7.28	0.36	0.7	5.69	<5	280	1.1	<2	0.42	0.6	14	8	668	7.39	10
E793123		6.86	0.21	0.5	7.72	9	450	1.4	<2	0.33	2.1	13	5	501	5.56	10
E793124		6.26	0.23	0.6	5.91	14	310	1.0	<2	0.68	4.6	14	4	421	6.92	10
E793125		4.70	0.20	<0.5	6.61	<5	370	1.1	<2	0.39	<0.5	13	4	174	7.04	10
E793126		3.40	0.28	<0.5	6.88	6	250	1.0	<2	0.32	<0.5	16	5	581	6.40	10
E793128		0.10	<0.01	<0.5	0.07	<5	10	<0.5	2	0.01	<0.5	<1	1	3	0.04	<10
E793129		8.42	0.71	1.2	6.29	14	90	<0.5	<2	0.39	<0.5	27	5	1300	10.35	10
E793130		7.46	0.65	<0.5	4.36	38	60	<0.5	<2	0.93	<0.5	13	5	433	7.31	10
E793131		7.20	0.70	<0.5	5.93	<5	100	<0.5	2	0.22	<0.5	15	5	1230	9.31	20
E793132		8.32	0.81	<0.5	7.13	<5	220	<0.5	2	0.12	<0.5	17	7	1545	8.83	20
E793133		7.36	0.33	<0.5	7.03	<5	100	<0.5	<2	0.16	<0.5	14	10	1020	7.67	10
E793134		8.18	0.50	<0.5	6.71	<5	130	<0.5	<2	0.13	<0.5	16	8	1305	8.53	20
E793135		7.94	0.49	<0.5	6.62	<5	90	<0.5	<2	0.13	<0.5	16	7	992	8.61	20
E793136		7.92	0.85	<0.5	6.14	5	70	<0.5	3	0.20	<0.5	20	8	1715	9.66	20
E793137		8.20	1.45	<0.5	6.99	<5	280	<0.5	<2	0.14	<0.5	22	5	1540	9.79	20
E793138		8.00	0.46	<0.5	6.68	6	100	<0.5	2	0.24	<0.5	24	5	1075	7.92	20
E793139		8.04	0.29	<0.5	6.69	6	110	<0.5	<2	0.12	<0.5	22	5	237	8.94	10
E793140		7.86	0.24	<0.5	4.98	<5	90	<0.5	<2	0.34	<0.5	29	7	89	8.56	10
E793141		0.08	0.18	28.8	7.05	221	820	1.0	6	2.62	<0.5	10	11	1640	2.30	20
E793142		3.36	0.19	<0.5	4.88	59	130	<0.5	<2	0.26	0.5	28	7	159	7.01	10
E793143		3.66	0.06	<0.5	8.96	13	800	0.6	<2	1.35	<0.5	11	4	46	3.52	20
E793144		5.20	0.11	<0.5	8.31	5	110	<0.5	<2	0.15	<0.5	19	8	47	4.68	10
E793145		3.60	0.08	<0.5	7.53	<5	70	<0.5	<2	0.14	<0.5	14	6	38	2.79	10
E793146		7.94	0.12	<0.5	6.94	7	110	<0.5	<2	0.15	<0.5	19	10	36	3.05	10
E793150		6.72	0.25	<0.5	5.33	<5	140	<0.5	<2	0.17	<0.5	23	11	84	5.87	10
E793151		6.64	0.23	<0.5	7.63	17	90	<0.5	<2	0.15	<0.5	30	3	179	9.07	10
E793152		7.80	0.02	<0.5	8.51	<5	390	0.7	<2	2.92	<0.5	12	2	59	4.39	20
E793155		7.76	0.03	0.5	7.79	8	40	<0.5	<2	0.95	<0.5	19	3	46	6.71	10
E793156		9.98	0.02	<0.5	7.84	13	40	<0.5	4	0.88	<0.5	16	2	37	5.98	<10
E793161		9.38	0.02	<0.5	9.11	19	90	0.7	<2	3.29	<0.5	19	4	71	5.67	10
E793162		3.24	<0.01	<0.5	9.24	10	290	0.8	3	1.79	<0.5	16	2	138	5.34	10
E793164		4.64	0.01	<0.5	8.17	27	540	0.8	<2	1.33	1.4	10	2	86	4.77	10
E793165		7.40	0.01	<0.5	8.38	24	540	0.7	<2	2.17	0.5	11	3	84	4.36	20
E793166		2.36	0.01	<0.5	8.12	15	670	0.7	2	1.30	0.6	14	4	109	4.83	10
E793167		2.24	0.01	<0.5	8.58	20	690	0.7	<2	1.33	<0.5	13	5	115	4.90	10
E793171		7.46	0.01	<0.5	7.38	<5	70	<0.5	<2	4.40	<0.5	20	4	25	4.80	20
E793172		6.80	<0.01	<0.5	7.83	<5	70	0.5	<2	4.22	<0.5	18	5	27	4.73	20





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## CERTIFICATE OF ANALYSIS VA07030925

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793119		1.17	10	2.50	113	21	0.02	5	240	63	2.81	<5	8	8	<20	0.15
E793120		0.90	<10	2.61	116	29	0.02	2	230	23	1.43	5	8	13	<20	0.14
E793121		1.56	10	3.34	104	14	0.02	1	270	7	1.12	<5	9	14	<20	0.18
E793122		1.57	10	3.83	116	15	0.02	<1	310	11	2.00	11	11	13	<20	0.20
E793123		3.07	10	3.23	115	27	0.03	3	500	13	0.52	5	14	24	<20	0.27
E793124		1.80	10	3.56	137	8	0.02	1	330	29	0.40	5	11	17	<20	0.21
E793125		2.12	10	3.76	151	6	0.03	3	380	13	0.12	5	12	23	<20	0.24
E793126		2.07	10	2.28	105	14	0.02	4	570	6	1.49	<5	18	30	<20	0.24
E793128		0.01	<10	0.01	<5	<1	<0.01	<1	10	<2	0.01	<5	<1	2	<20	0.01
E793129		0.59	10	0.28	31	47	0.02	3	370	3	7.40	6	20	70	<20	0.20
E793130		0.13	10	0.06	12	17	0.01	5	450	12	8.18	<5	12	302	<20	0.20
E793131		0.11	10	0.06	8	27	0.02	2	450	13	>10.0	8	18	120	<20	0.18
E793132		1.08	10	0.20	10	23	0.02	6	500	16	9.72	<5	19	49	<20	0.20
E793133		0.83	10	0.13	10	17	0.03	4	580	16	8.50	<5	17	95	<20	0.22
E793134		0.78	10	0.11	8	15	0.03	4	540	16	9.43	<5	22	98	<20	0.20
E793135		0.90	10	0.12	10	22	0.02	5	590	14	9.52	<5	26	98	<20	0.27
E793136		1.06	10	0.16	9	16	0.03	7	580	14	>10.0	<5	20	76	<20	0.24
E793137		1.12	10	0.16	10	15	0.03	4	570	15	>10.0	<5	25	46	<20	0.26
E793138		0.21	10	0.04	8	13	0.02	6	510	15	8.77	<5	24	60	<20	0.27
E793139		0.12	10	0.02	9	21	0.02	6	740	15	9.88	5	17	135	<20	0.23
E793140		0.03	10	0.03	8	28	0.01	7	690	10	9.50	<5	7	148	<20	0.20
E793141		2.02	10	0.40	747	430	2.20	4	480	48	0.47	81	3	604	<20	0.12
E793142		0.08	10	0.01	14	55	0.05	4	920	14	7.81	5	7	169	<20	0.23
E793143		0.69	10	0.46	435	25	1.60	<1	1190	12	1.88	<5	11	253	<20	0.38
E793144		0.05	10	0.02	9	73	0.04	6	910	19	5.22	7	9	120	<20	0.40
E793145		0.02	10	0.01	8	128	0.04	5	1080	15	3.19	<5	7	141	<20	0.44
E793146		0.02	10	0.01	8	1390	0.03	4	1150	20	3.56	<5	7	163	<20	0.44
E793150		0.02	10	0.01	8	418	0.03	6	1160	35	6.56	5	6	284	<20	0.36
E793151		0.04	10	0.02	14	249	0.05	6	980	33	>10.0	7	15	205	<20	0.31
E793152		1.70	10	1.42	1020	16	1.31	1	970	9	1.55	<5	20	153	<20	0.40
E793155		0.95	10	0.01	6	5	0.26	9	970	110	>10.0	<5	8	587	<20	0.19
E793156		1.14	10	0.01	9	9	0.22	6	860	114	>10.0	<5	11	523	<20	0.18
E793161		1.58	10	1.09	121	10	0.23	4	670	19	8.25	5	25	144	<20	0.40
E793162		1.38	10	2.36	394	4	0.21	3	880	15	5.06	<5	19	166	<20	0.36
E793164		1.50	10	2.53	897	3	0.73	2	480	21	3.13	6	16	97	<20	0.27
E793165		1.08	10	1.95	936	4	2.07	4	480	18	2.27	6	16	172	<20	0.32
E793166		1.47	10	2.02	723	3	1.23	4	590	14	3.06	6	17	188	<20	0.40
E793167		1.49	10	2.10	760	3	1.36	<1	580	10	2.91	<5	19	205	<20	0.41
E793171		0.96	10	0.50	12	58	0.05	5	640	22	9.33	6	18	298	<20	0.27
E793172		1.11	10	1.22	20	<1	0.08	5	720	18	8.89	6	17	320	<20	0.31



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793119		<10	<10	66	10	770
E793120		<10	<10	65	<10	362
E793121		10	<10	77	10	139
E793122		10	<10	85	<10	107
E793123		10	<10	110	<10	298
E793124		10	<10	87	<10	445
E793125		10	<10	91	<10	240
E793126		10	<10	111	<10	138
E793128		<10	<10	1	<10	5
E793129		<10	<10	113	<10	79
E793130		10	<10	105	<10	21
E793131		<10	<10	109	<10	37
E793132		10	<10	120	<10	35
E793133		<10	<10	105	<10	43
E793134		<10	<10	126	<10	54
E793135		<10	<10	167	<10	64
E793136		<10	<10	143	10	43
E793137		10	<10	149	<10	44
E793138		<10	<10	148	10	86
E793139		<10	<10	152	10	123
E793140		<10	<10	125	<10	106
E793141		10	<10	38	10	94
E793142		<10	<10	119	10	131
E793143		10	<10	137	<10	89
E793144		<10	<10	163	10	65
E793145		<10	<10	146	<10	60
E793146		<10	<10	173	10	63
E793150		10	<10	127	<10	55
E793151		<10	<10	187	<10	53
E793152		<10	<10	116	<10	66
E793155		<10	<10	127	<10	7
E793156		<10	<10	137	<10	5
E793161		<10	<10	220	<10	47
E793162		<10	<10	186	<10	80
E793164		<10	<10	125	<10	202
E793165		<10	<10	123	<10	151
E793166		<10	<10	161	<10	106
E793167		<10	<10	165	<10	108
E793171		<10	<10	150	<10	29
E793172		20	<10	153	<10	25



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## CERTIFICATE OF ANALYSIS VA07030925

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793173		7.72	<0.01	<0.5	9.27	<5	640	0.8	<2	4.11	<0.5	18	1	49	5.68	20
E793174		3.12	<0.01	<0.5	9.17	7	400	0.8	<2	4.48	<0.5	16	1	46	5.51	20
E793175		4.28	<0.01	<0.5	8.97	<5	340	0.9	<2	2.98	0.7	17	4	84	5.01	20
E793176		7.50	<0.01	<0.5	8.74	<5	450	0.7	<2	3.71	<0.5	13	3	63	4.91	20
E793177		0.12	<0.01	<0.5	0.07	<5	20	<0.5	<2	0.02	<0.5	<1	1	1	0.03	<10
E793178		7.62	<0.01	<0.5	8.51	<5	130	0.7	<2	3.24	<0.5	15	3	79	4.67	20
E793184		7.36	<0.01	<0.5	8.02	<5	80	0.7	2	3.89	<0.5	13	5	40	4.88	20
E793185		3.44	<0.01	0.6	8.63	<5	170	0.8	<2	3.43	<0.5	18	5	124	4.73	20
E793186		0.08	0.15	1.2	6.20	1130	3130	1.9	<2	2.20	2.4	111	54	3.34	20	
E793187		4.38	<0.01	<0.5	6.54	<5	130	<0.5	<2	7.29	<0.5	16	5	20	3.83	10
E793200		7.86	<0.01	<0.5	8.89	13	160	0.8	<2	3.14	<0.5	18	4	64	5.10	20
E793201		7.94	<0.01	<0.5	8.16	14	90	0.6	<2	4.32	0.7	17	4	62	4.94	10
E793202		7.98	<0.01	<0.5	7.86	17	250	0.7	<2	3.23	<0.5	14	6	71	4.64	20
E793203		6.96	<0.01	<0.5	8.46	<5	190	0.5	3	4.21	<0.5	15	4	38	4.63	20
E793204		7.38	<0.01	<0.5	8.91	<5	300	0.9	<2	2.79	0.8	18	4	67	4.89	20
E793205		7.38	<0.01	<0.5	8.56	<5	100	0.7	<2	4.81	<0.5	16	4	68	5.42	20
E793209		6.46	<0.01	<0.5	9.25	6	280	0.5	<2	5.55	<0.5	21	10	71	5.92	20
E793212		8.12	<0.01	<0.5	8.92	<5	460	0.6	<2	5.07	<0.5	18	7	48	5.16	20
E793213		8.52	<0.01	<0.5	8.55	<5	230	0.6	<2	3.42	<0.5	18	8	63	5.32	10



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793173	0.62	10	2.09	1120	2	2.82	3	970	10	0.44	9	22	460	<20	0.55
E793174	0.29	10	2.18	1325	1	2.84	1	960	5	0.35	<5	21	471	<20	0.54
E793175	1.35	10	2.46	489	1	0.40	3	660	12	7.28	<5	21	183	<20	0.36
E793176	1.75	10	1.60	328	5	0.47	4	680	11	8.03	<5	19	198	<20	0.29
E793177	0.01	<10	0.01	<5	<1	0.01	<1	10	<2	0.03	<5	<1	3	<20	0.01
E793178	0.93	10	2.13	797	1	0.83	5	690	18	6.64	5	18	234	<20	0.37
E793184	2.08	10	1.19	319	1	0.57	5	670	17	8.27	9	19	222	<20	0.36
E793185	0.98	10	2.42	980	<1	1.12	7	740	18	5.50	5	21	276	<20	0.43
E793186	1.75	30	0.96	956	3	0.34	31	970	175	0.38	538	11	240	<20	0.28
E793187	0.77	10	0.05	32	5	0.20	4	630	18	>10.0	9	6	378	<20	0.27
E793200	1.42	10	2.32	1470	<1	0.69	3	720	17	5.59	<5	20	247	<20	0.44
E793201	1.23	10	2.03	782	<1	0.31	3	680	20	8.32	6	18	248	<20	0.40
E793202	0.85	10	2.38	1290	<1	0.24	6	650	19	5.83	6	19	262	<20	0.42
E793203	1.04	10	1.30	418	<1	0.14	3	680	28	8.11	<5	16	239	<20	0.40
E793204	1.14	10	2.47	1360	<1	0.55	4	670	16	5.36	9	21	239	<20	0.43
E793205	1.01	10	1.79	1205	<1	1.81	3	1010	21	8.04	<5	21	365	<20	0.49
E793209	0.16	10	2.59	1625	<1	2.84	9	730	7	2.08	<5	27	559	<20	0.48
E793212	0.09	10	2.29	1415	<1	2.55	8	810	8	1.27	<5	19	280	<20	0.43
E793213	0.28	10	2.39	1535	<1	3.55	6	830	7	0.80	5	19	500	<20	0.44



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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
		10	10	1	10	2
E793173		10	<10	188	<10	83
E793174		<10	<10	181	10	82
E793175		10	<10	179	10	150
E793176		10	<10	168	<10	74
E793177		<10	<10	1	10	3
E793178		<10	<10	172	<10	103
E793184		<10	<10	162	<10	66
E793185		<10	<10	179	10	78
E793186		10	<10	143	20	260
E793187		<10	<10	115	<10	38
E793200		<10	<10	199	<10	116
E793201		10	<10	178	<10	156
E793202		10	<10	170	<10	140
E793203		10	<10	169	<10	136
E793204		10	<10	190	<10	159
E793205		10	<10	198	<10	128
E793209		10	<10	220	10	79
E793212		10	<10	166	<10	66
E793213		<10	<10	163	<10	65



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## CERTIFICATE VA07030793

Project: Hushamu

P.O. No.: WRN07-01

This report is for 3 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 9-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Method	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOR															
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
E793376		3.34	0.10	<0.5	8.08	<5	890	0.8	<2	2.06	1.1	12	6	185	4.55
E793377		2.80	0.23	<0.5	8.09	7	770	0.9	<2	1.18	<0.5	7	5	227	4.23
E793378		3.44	0.16	<0.5	8.02	8	1130	0.8	<2	1.14	<0.5	10	4	227	4.50



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<b>CERTIFICATE OF ANALYSIS VA07030793</b>
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793376	2.70	10	1.64	583	3	0.88	6	450	30	0.06	<5	15	127	<20	0.29
E793377	3.10	10	1.43	330	5	0.62	6	420	15	0.10	<5	14	89	<20	0.29
E793378	3.20	10	1.55	317	5	0.59	3	430	12	0.24	<5	14	100	<20	0.26





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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030793

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793376		<10	<10	105	<10	358
E793377		<10	<10	103	<10	138
E793378		<10	<10	99	<10	169



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## CERTIFICATE VA07030555

Project: Hushamu

P.O. No.: WRN07-01

This report is for 106 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 28-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Ag-AA62	Ore grade Ag - four acid /AAS	AAS
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030555

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793530		6.70	<0.01	0.5	8.79	<5	200	0.5	<2	3.92	<0.5	23	7	71	6.37	20
E793531		5.76	0.01	<0.5	9.17	<5	200	0.6	2	3.24	<0.5	20	5	57	6.26	20
E793532		7.00	<0.01	<0.5	8.97	<5	470	0.7	<2	1.41	<0.5	15	1	41	5.57	20
E793533		6.02	<0.01	<0.5	8.92	<5	1060	0.7	<2	2.76	<0.5	16	3	57	5.58	20
E793534		2.92	<0.01	<0.5	9.08	<5	220	0.6	2	4.49	<0.5	21	6	70	6.44	20
E793535		5.92	0.01	<0.5	8.15	<5	590	0.7	<2	1.82	<0.5	10	6	53	3.62	10
E793536		7.06	0.01	<0.5	8.81	<5	1170	0.8	<2	2.22	<0.5	11	6	121	5.13	20
E793537		5.10	0.01	<0.5	8.41	<5	550	0.7	4	2.29	<0.5	14	6	316	4.50	20
E793538		5.86	<0.01	<0.5	8.71	<5	580	0.6	<2	3.66	<0.5	19	15	58	5.65	20
E793539		5.76	0.03	>100	9.26	<5	560	0.6	<2	4.04	<0.5	18	11	3880	5.62	10
E793540		6.54	<0.01	1.8	9.44	12	380	0.5	2	4.47	<0.5	27	12	82	6.82	20
E793541		9.16	0.01	5.8	8.18	13	220	0.8	2	2.62	<0.5	7	6	83	2.64	20
E793542		7.38	0.02	0.5	8.26	<5	710	0.7	<2	2.42	<0.5	7	6	43	3.09	10
E793543		7.20	0.02	<0.5	8.39	9	1070	0.7	2	2.87	<0.5	12	6	45	4.20	20
E793544		7.46	0.02	<0.5	7.80	<5	1110	0.6	2	2.56	<0.5	10	5	70	3.79	10
E793545		0.10	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.01	<0.5	<1	1	1	0.02	<10
E793546		7.56	0.04	<0.5	8.19	<5	1070	0.7	3	2.97	<0.5	8	5	112	3.90	10
E793547		7.66	0.01	<0.5	8.18	8	920	0.7	<2	2.82	<0.5	7	6	97	3.70	20
E793548		7.56	0.01	<0.5	8.52	9	810	0.7	<2	2.51	<0.5	13	5	74	2.98	10
E793549		7.68	0.02	0.8	8.61	<5	480	0.7	2	2.31	<0.5	12	6	65	2.99	20
E793550		7.00	0.01	<0.5	8.55	10	430	0.8	<2	2.50	<0.5	13	6	67	3.69	20
E793551		5.26	0.04	<0.5	8.56	<5	450	0.7	<2	3.34	<0.5	13	5	57	3.84	20
E793552		8.76	0.04	<0.5	8.66	6	530	0.8	<2	2.07	<0.5	18	6	235	3.66	10
E793553		1.66	0.01	<0.5	7.97	5	280	0.9	2	1.49	<0.5	14	6	151	3.47	10
E793554		4.92	<0.01	<0.5	9.32	<5	670	0.6	<2	3.80	<0.5	18	7	52	5.99	20
E793555		7.44	<0.01	<0.5	9.51	<5	400	0.6	<2	4.56	<0.5	20	11	56	6.20	20
E793556		7.10	0.01	<0.5	8.98	<5	470	0.6	2	3.68	<0.5	18	10	55	5.82	20
E793557		2.24	<0.01	<0.5	7.49	<5	230	0.5	<2	2.70	<0.5	17	7	47	5.17	10
E793558		5.64	0.02	<0.5	7.84	10	180	0.8	2	1.36	<0.5	10	5	53	4.29	10
E793559		5.92	0.14	0.6	7.60	10	330	0.7	2	0.92	1.4	10	5	158	4.09	10
E793560		1.84	0.07	<0.5	7.97	<5	410	1.0	<2	2.80	<0.5	9	1	57	4.14	20
E793561		6.98	0.32	<0.5	7.86	<5	280	1.1	2	0.34	<0.5	9	4	628	3.70	10
E793562		6.64	0.08	<0.5	8.03	<5	580	1.0	2	0.55	<0.5	11	6	308	3.13	10
E793563		7.30	0.09	<0.5	8.28	<5	460	1.0	<2	0.43	<0.5	12	4	391	3.61	20
E793564		4.88	0.09	<0.5	7.09	6	280	0.7	<2	0.73	<0.5	11	4	311	4.16	10
E793565		1.70	0.03	0.7	10.20	26	1020	0.7	<2	4.07	<0.5	12	6	74	5.28	20
E793566		6.92	0.04	<0.5	8.76	<5	210	1.1	<2	0.45	<0.5	9	4	212	4.36	10
E793567		7.98	0.07	<0.5	8.41	<5	210	1.0	2	0.39	<0.5	8	5	236	4.07	10
E793568		7.64	0.05	<0.5	8.30	7	170	0.9	<2	0.37	<0.5	12	5	70	4.32	10
E793569		7.72	0.12	<0.5	7.98	<5	80	0.9	2	0.38	<0.5	11	4	459	5.63	10



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07030555

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793530		0.39	10	3.09	1240	<1	2.37	9	830	9	0.16	<5	22	322	<20	0.48
E793531		0.41	10	3.13	1230	1	3.15	4	940	9	0.18	<5	22	279	<20	0.52
E793532		1.13	10	3.25	1125	1	1.87	1	1040	9	0.21	<5	18	133	<20	0.46
E793533		0.54	10	3.03	1435	1	3.17	3	950	8	0.42	<5	19	213	<20	0.45
E793534		0.56	10	3.15	1280	<1	2.08	8	840	6	0.24	<5	23	297	<20	0.48
E793535		1.45	10	1.34	244	1	2.01	3	470	9	0.17	<5	15	274	<20	0.31
E793536		1.97	10	1.45	209	5	2.24	3	520	8	0.25	<5	16	326	<20	0.35
E793537		1.07	10	1.64	414	6	2.61	2	560	10	0.61	<5	16	318	<20	0.33
E793538		1.14	<10	2.09	1095	1	3.19	9	860	6	0.07	<5	19	431	<20	0.45
E793539		1.02	10	2.06	1035	1	2.83	130	810	<2	0.08	5	21	440	<20	0.44
E793540		0.65	<10	2.81	1215	1	3.86	12	810	7	0.20	<5	27	348	<20	0.55
E793541		0.58	10	1.90	370	15	3.60	3	470	17	0.37	<5	15	364	<20	0.30
E793542		1.45	10	1.50	244	6	2.52	3	480	11	0.39	<5	15	316	<20	0.30
E793543		1.95	10	1.43	262	17	1.92	3	500	12	0.73	<5	16	281	<20	0.31
E793544		1.83	10	1.28	208	17	1.69	2	450	8	0.53	<5	14	260	<20	0.27
E793545		<0.01	<10	<0.01	<5	<1	<0.01	1	10	<2	0.01	<5	<1	2	<20	<0.01
E793546		1.78	10	1.29	169	13	1.80	2	440	7	0.80	<5	15	279	<20	0.29
E793547		1.41	10	1.32	169	8	1.95	2	490	6	0.88	<5	14	299	<20	0.28
E793548		1.52	10	1.28	144	7	1.77	2	480	7	1.50	<5	14	272	<20	0.26
E793549		1.87	10	1.29	172	12	1.42	2	460	9	1.83	<5	15	225	<20	0.26
E793550		1.73	10	1.36	166	9	1.58	3	500	4	2.29	<5	15	244	<20	0.30
E793551		1.60	10	1.42	149	11	1.59	2	490	8	2.35	<5	16	240	<20	0.29
E793552		2.30	10	1.73	181	1	1.12	2	490	8	2.21	<5	17	134	<20	0.32
E793553		2.08	10	1.99	264	1	0.75	3	400	8	2.28	<5	15	102	<20	0.25
E793554		1.10	10	2.22	1170	<1	3.21	7	900	4	0.09	<5	20	513	<20	0.46
E793555		0.59	10	2.25	1155	<1	3.70	9	920	6	0.35	<5	21	361	<20	0.48
E793556		0.78	10	2.13	1130	1	3.71	8	870	7	0.25	<5	20	396	<20	0.45
E793557		0.48	10	1.95	954	1	3.93	7	790	5	1.70	<5	17	269	<20	0.41
E793558		2.11	10	1.62	271	7	0.70	3	460	12	3.32	<5	14	107	<20	0.25
E793559		2.22	10	1.46	260	7	0.39	2	430	17	2.64	<5	14	63	<20	0.23
E793560		0.93	10	1.00	629	1	3.21	<1	1320	8	0.13	<5	12	388	<20	0.46
E793561		2.60	10	1.46	112	7	0.13	1	480	4	2.56	<5	15	23	<20	0.20
E793562		2.47	10	1.62	152	13	0.15	5	430	6	1.39	<5	15	32	<20	0.21
E793563		2.75	10	1.70	113	67	0.11	1	480	7	2.21	<5	17	21	<20	0.22
E793564		2.27	10	1.57	124	31	0.13	1	410	5	2.96	<5	13	30	<20	0.19
E793565		0.95	10	1.61	949	4	3.31	<1	990	4	1.07	5	24	436	<20	0.54
E793566		2.83	10	1.68	102	40	0.12	3	490	<2	3.46	<5	15	29	<20	0.15
E793567		2.74	10	1.37	69	213	0.13	1	440	5	3.75	<5	15	24	<20	0.18
E793568		2.87	10	0.83	41	96	0.14	3	470	8	4.80	<5	16	27	<20	0.18
E793569		2.68	10	1.27	75	83	0.13	2	420	4	6.01	<5	17	22	<20	0.18



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## CERTIFICATE OF ANALYSIS VA07030555

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-AA62	Ag-GRA21
	Analyte	TI	U	V	W	Zn	Ag	Ag
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2	1	5
E793530		<10	20	194	<10	72		
E793531		<10	20	182	<10	81		
E793532		<10	10	132	<10	96		
E793533		<10	20	144	<10	76		
E793534		<10	10	194	<10	72		
E793535		<10	10	108	<10	90		
E793536		<10	10	120	<10	44		
E793537		<10	20	117	<10	59		
E793538		<10	20	160	10	66		
E793539		<10	20	132	6490	63	>1000	1305
E793540		<10	20	243	10	86		
E793541		<10	20	100	30	67		
E793542		<10	10	110	10	75		
E793543		<10	10	111	<10	67		
E793544		<10	10	95	<10	43		
E793545		<10	<10	<1	<10	4		
E793546		<10	10	100	<10	28		
E793547		<10	10	93	<10	25		
E793548		<10	10	91	<10	35		
E793549		<10	10	96	<10	44		
E793550		<10	10	115	<10	32		
E793551		<10	10	113	<10	24		
E793552		10	10	118	<10	31		
E793553		<10	<10	104	<10	35		
E793554		<10	20	160	<10	64		
E793555		<10	20	174	<10	66		
E793556		<10	20	164	<10	63		
E793557		<10	20	143	<10	51		
E793558		<10	<10	92	<10	45		
E793559		<10	<10	99	<10	221		
E793560		<10	20	60	<10	74		
E793561		<10	<10	99	<10	38		
E793562		<10	<10	108	<10	58		
E793563		<10	<10	106	<10	33		
E793564		<10	<10	89	<10	23		
E793565		10	10	178	<10	79		
E793566		<10	<10	112	<10	25		
E793567		<10	<10	100	<10	35		
E793568		<10	<10	113	<10	44		
E793569		<10	<10	114	<10	25		



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## CERTIFICATE OF ANALYSIS VA07030555

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793570		7.18	0.11	<0.5	8.32	10	150	0.8	2	0.41	<0.5	13	4	632	5.55	10
E793571		8.06	0.07	<0.5	7.56	<5	210	0.9	<2	0.43	<0.5	10	3	334	4.23	10
E793572		7.06	0.01	<0.5	9.69	7	380	0.6	<2	3.31	<0.5	15	7	63	5.71	20
E793573		7.30	<0.01	<0.5	9.77	<5	350	0.6	<2	4.30	<0.5	18	11	61	5.68	20
E793574		7.22	<0.01	<0.5	7.90	<5	520	0.5	<2	3.74	<0.5	18	12	53	5.49	20
E793575		8.00	<0.01	<0.5	8.95	<5	600	0.6	<2	4.18	<0.5	21	12	55	5.86	20
E793576		0.08	0.15	28.3	7.19	241	810	1.0	8	2.78	<0.5	10	12	1620	2.49	20
E799076		6.20	0.02	<0.5	8.78	23	90	<0.5	<2	0.14	<0.5	23	16	701	6.97	10
E799077		3.56	0.03	<0.5	9.53	12	100	0.6	3	0.26	<0.5	23	15	491	7.02	20
E799078		6.84	0.02	<0.5	7.99	5	110	<0.5	<2	0.05	<0.5	12	4	128	3.83	20
E799079		7.18	0.02	<0.5	7.99	10	230	0.8	<2	0.20	<0.5	11	3	99	3.18	20
E799080		6.62	0.01	<0.5	7.28	11	540	1.2	<2	0.34	0.6	11	4	171	3.57	10
E799081		6.40	0.01	<0.5	7.50	9	250	0.9	<2	1.58	<0.5	9	6	147	2.55	10
E799082		6.62	0.03	<0.5	7.51	<5	310	0.8	<2	2.62	0.5	7	5	60	2.46	10
E799083		6.04	0.04	<0.5	6.94	7	410	0.8	<2	3.29	0.7	7	6	124	2.37	10
E799084		6.04	0.02	<0.5	7.15	8	610	0.6	<2	3.08	<0.5	10	6	103	2.98	10
E799085		1.22	0.04	<0.5	7.55	15	470	0.9	2	2.91	<0.5	11	5	201	4.36	20
E799086		1.32	0.04	<0.5	7.56	12	680	0.7	2	3.36	<0.5	10	5	167	3.85	10
E799087		4.82	0.03	<0.5	6.44	5	400	0.6	<2	2.97	<0.5	10	5	223	3.90	10
E799088		6.94	0.01	<0.5	7.15	8	330	0.5	<2	4.23	<0.5	10	4	33	3.31	10
E799089		4.66	0.01	<0.5	8.59	11	150	0.8	<2	4.26	<0.5	19	13	36	6.13	20
E799090		3.60	0.04	<0.5	8.44	10	430	1.0	2	0.71	<0.5	17	6	111	5.68	20
E799091		7.16	<0.01	<0.5	9.87	27	180	<0.5	<2	2.22	<0.5	25	24	13	6.67	20
E799092		5.26	0.02	<0.5	8.91	11	230	0.6	<2	2.50	<0.5	21	30	67	6.10	10
E799093		7.02	0.01	<0.5	8.26	15	180	0.6	3	2.58	<0.5	25	35	92	5.71	20
E799094		7.16	0.01	<0.5	8.25	<5	290	0.7	<2	2.38	<0.5	19	20	54	4.83	20
E799095		0.12	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.01	<0.5	<1	2	1	0.02	<10
E799096		7.20	0.01	<0.5	9.40	<5	280	0.7	2	2.49	<0.5	20	29	47	5.30	20
E799097		7.36	0.01	<0.5	9.33	<5	170	0.6	3	2.88	<0.5	22	37	33	5.75	20
E799098		5.84	0.01	<0.5	9.26	5	180	1.0	2	0.85	<0.5	21	30	9	6.49	20
E799099		5.22	0.01	1.0	8.34	<5	310	0.9	<2	0.85	<0.5	21	20	29	5.82	20
E799100		7.06	0.04	<0.5	10.75	<5	380	0.9	<2	1.42	<0.5	23	18	35	5.66	20
E799101		3.32	0.02	<0.5	9.65	<5	220	0.7	<2	2.69	<0.5	25	21	103	6.46	20
E799102		3.88	0.05	<0.5	9.39	5	280	0.7	<2	2.98	<0.5	33	22	184	6.34	10
E799103		7.74	<0.01	<0.5	10.15	<5	70	0.8	<2	4.68	1.1	20	22	93	6.09	20
E799104		8.74	0.04	<0.5	9.67	<5	200	0.7	<2	4.01	0.6	23	24	221	6.91	20
E799105		7.72	0.03	<0.5	10.00	<5	210	0.8	<2	3.74	0.6	16	23	216	6.60	20
E799106		8.62	0.03	<0.5	9.36	<5	220	0.7	<2	3.40	0.5	24	21	246	6.07	10
E799107		7.72	0.05	<0.5	9.44	<5	280	0.6	<2	3.04	0.9	22	18	588	4.23	10
E799108		8.32	0.04	<0.5	9.22	<5	420	0.6	<2	2.46	0.6	23	14	558	5.38	10



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ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

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CERTIFICATE OF ANALYSIS	VA07030555
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793570	2.87	10	1.41	121	37	0.15	<1	440	5	5.45	<5	16	23	<20	0.16
E793571	2.44	10	1.53	172	47	0.22	1	440	6	3.84	<5	14	40	<20	0.16
E793572	0.58	10	2.02	1195	<1	3.82	7	970	4	0.61	<5	19	458	<20	0.48
E793573	0.78	10	2.19	1175	<1	3.34	8	890	3	0.16	<5	20	419	<20	0.47
E793574	0.73	<10	2.23	1085	1	3.18	10	790	6	0.18	<5	19	390	<20	0.43
E793575	0.63	10	2.36	1145	1	3.28	10	820	4	0.08	<5	20	422	<20	0.45
E793576	2.00	10	0.41	752	433	2.17	4	510	48	0.45	75	3	608	<20	0.13
E799076	0.46	10	0.31	18	12	0.06	10	660	53	7.40	<5	21	361	<20	0.39
E799077	0.94	10	0.45	16	44	0.10	8	610	22	7.57	<5	35	228	<20	0.43
E799078	1.96	10	0.98	30	11	0.14	4	380	11	3.87	<5	16	146	<20	0.21
E799079	1.75	10	1.45	61	12	0.11	4	530	10	3.13	<5	15	135	<20	0.20
E799080	1.81	10	2.42	298	17	0.40	3	480	16	2.33	<5	15	32	<20	0.27
E799081	1.38	10	2.25	224	19	2.47	<1	510	5	1.66	<5	14	191	<20	0.33
E799082	0.91	10	2.20	490	10	3.04	2	470	10	1.07	<5	15	174	<20	0.32
E799083	1.18	10	1.66	590	12	3.16	1	440	17	1.33	<5	13	230	<20	0.28
E799084	1.42	10	1.33	543	4	2.74	3	430	11	1.23	<5	13	176	<20	0.30
E799085	2.05	10	1.42	652	8	2.24	3	470	10	2.57	<5	15	160	<20	0.31
E799086	1.91	10	1.45	666	7	2.36	2	480	11	1.96	<5	14	180	<20	0.31
E799087	0.63	10	1.94	702	9	2.46	2	410	10	2.02	<5	13	142	<20	0.27
E799088	0.52	10	1.38	733	3	1.98	4	460	8	1.27	<5	14	130	<20	0.29
E799089	1.02	10	1.54	691	2	1.16	11	1020	6	5.88	<5	18	374	<20	0.50
E799090	2.27	10	1.32	197	18	0.20	4	830	6	3.43	<5	18	62	<20	0.36
E799091	2.96	10	0.31	167	1	0.90	18	1150	9	6.98	<5	33	166	<20	0.39
E799092	1.02	10	2.35	388	1	0.65	18	910	6	3.97	<5	21	223	<20	0.23
E799093	0.97	10	2.36	367	1	0.49	23	930	9	4.22	<5	20	329	<20	0.30
E799094	1.18	10	2.45	223	1	0.58	19	1010	8	4.14	<5	19	324	<20	0.25
E799095	<0.01	<10	0.01	<5	<1	<0.01	3	10	3	0.01	<5	<1	2	<20	0.01
E799096	1.30	10	2.58	242	1	0.56	21	1110	6	4.24	<5	23	388	<20	0.27
E799097	0.84	10	2.39	319	<1	0.69	22	1010	13	3.88	<5	23	425	<20	0.27
E799098	1.79	<10	2.08	260	1	0.37	25	1030	9	5.77	<5	22	158	<20	0.11
E799099	1.32	<10	2.70	451	3	0.30	26	1070	10	2.93	<5	19	140	<20	0.20
E799100	1.78	10	2.32	454	2	0.31	28	1180	12	3.60	<5	23	159	<20	0.15
E799101	0.88	10	2.75	445	7	0.80	16	1060	6	2.14	<5	22	277	<20	0.37
E799102	1.04	10	2.30	347	3	0.96	18	1090	2	2.26	6	21	362	<20	0.41
E799103	0.08	10	2.45	482	<1	2.02	19	1180	21	0.54	<5	22	547	<20	0.49
E799104	0.57	10	2.33	522	10	1.18	16	1070	6	1.04	5	22	449	<20	0.46
E799105	0.73	10	2.46	479	50	1.00	15	1130	29	0.61	<5	22	390	<20	0.46
E799106	0.84	10	2.02	357	55	0.98	16	1080	15	1.96	9	20	358	<20	0.34
E799107	1.36	10	1.24	316	126	0.71	19	1050	11	1.94	<5	18	417	<20	0.22
E799108	1.52	10	0.87	260	90	1.00	19	970	5	2.92	<5	19	303	<20	0.19



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North Vancouver BC V7J 2C1  
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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07030555</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-AA62 Ag ppm 1	Ag-GRA21 Ag ppm 5
E793570		<10	<10	126	<10	45		
E793571		<10	<10	100	<10	41		
E793572		<10	10	159	<10	71		
E793573		<10	10	171	<10	67		
E793574		<10	20	162	<10	66		
E793575		<10	20	169	<10	64		
E793576		<10	10	40	10	94		
E799076		10	<10	207	<10	16		
E799077		<10	<10	254	<10	20		
E799078		<10	<10	106	<10	28		
E799079		<10	<10	93	<10	50		
E799080		<10	<10	109	<10	114		
E799081		<10	10	113	<10	45		
E799082		<10	20	105	<10	66		
E799083		<10	20	83	<10	92		
E799084		<10	20	93	<10	76		
E799085		<10	10	109	<10	76		
E799086		<10	10	98	<10	79		
E799087		<10	10	89	<10	76		
E799088		<10	10	96	<10	54		
E799089		<10	10	199	<10	43		
E799090		<10	<10	146	<10	36		
E799091		<10	<10	243	<10	17		
E799092		<10	<10	182	<10	58		
E799093		<10	<10	189	<10	67		
E799094		<10	<10	174	<10	54		
E799095		<10	<10	<1	<10	3		
E799096		<10	<10	202	<10	56		
E799097		<10	<10	202	<10	70		
E799098		10	<10	179	<10	81		
E799099		<10	<10	202	<10	119		
E799100		<10	<10	197	<10	142		
E799101		<10	<10	205	<10	138		
E799102		<10	<10	215	<10	110		
E799103		<10	<10	222	<10	151		
E799104		<10	<10	210	<10	176		
E799105		<10	<10	224	<10	242		
E799106		<10	<10	202	<10	191		
E799107		<10	<10	164	<10	141		
E799108		<10	<10	191	<10	133		





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North Vancouver BC V7J 2C1  
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## CERTIFICATE OF ANALYSIS VA07030555

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799109	7.72	0.02	<0.5	8.92	<5	350	0.8	3	2.26	0.5	16	16	355	5.06	20
E799110	7.88	0.09	<0.5	8.93	<5	370	0.8	<2	3.09	1.2	31	14	851	7.85	20
E799111	7.68	0.05	<0.5	9.03	<5	490	0.8	<2	2.53	<0.5	31	14	948	6.20	20
E799112	7.94	0.04	<0.5	9.77	<5	470	0.9	5	2.98	0.5	24	19	570	7.72	20
E799113	7.78	0.06	<0.5	9.29	<5	370	0.8	<2	3.46	<0.5	20	18	979	5.65	20
E799114	0.08	0.17	30.1	7.78	330	900	1.1	4	2.85	0.6	11	12	1720	2.45	20
E799115	7.76	0.06	<0.5	8.60	<5	670	0.7	<2	2.65	1.7	18	20	1030	6.03	20
E799116	7.82	0.04	<0.5	9.07	<5	820	0.7	<2	2.38	1.1	19	23	693	4.49	20
E799117	7.90	0.11	<0.5	8.82	6	310	0.8	<2	3.66	<0.5	22	25	988	6.18	10
E799118	8.24	0.06	<0.5	8.93	<5	410	0.7	<2	3.36	0.5	19	10	1020	7.75	20
E799119	7.70	0.08	0.8	9.46	<5	600	0.8	<2	3.58	<0.5	19	11	1040	6.95	20
E799120	7.66	0.13	0.6	9.04	<5	550	0.7	<2	2.75	0.7	20	8	1310	7.74	20
E799121	7.90	0.07	<0.5	9.48	<5	420	0.9	<2	2.93	0.8	19	3	897	5.97	20
E799122	7.74	0.03	<0.5	9.38	<5	410	0.9	<2	3.95	<0.5	20	3	933	6.29	20
E799123	7.80	0.03	0.5	8.63	9	370	0.9	<2	3.47	1.2	19	3	1470	5.23	10
E799124	3.68	0.05	0.6	9.51	<5	400	0.9	<2	3.64	0.9	19	4	1130	5.76	20
E799125	3.64	0.04	0.6	8.67	<5	390	0.8	<2	3.64	0.7	18	4	1040	5.45	10
E799126	7.48	0.04	0.6	8.91	<5	400	0.9	<2	3.80	1.3	21	5	1070	5.59	20
E799127	8.38	0.04	0.5	8.74	9	480	0.8	<2	3.43	0.9	19	13	1010	6.61	10
E799128	7.88	0.04	0.7	9.10	8	630	0.7	<2	3.42	1.0	23	11	1210	8.14	20
E799129	8.40	0.07	0.6	9.23	<5	1430	0.5	<2	2.43	<0.5	28	16	1080	9.83	20
E799130	7.70	0.03	1.0	9.18	<5	510	0.7	<2	3.65	0.6	20	8	1110	8.53	20
E799131	8.40	0.08	0.6	8.65	<5	340	0.7	<2	3.26	<0.5	20	5	1250	6.53	10
E799132	7.58	0.02	1.1	9.45	<5	220	0.7	<2	4.21	<0.5	22	5	1380	7.25	10
E799133	7.60	0.08	0.7	9.11	<5	650	0.8	<2	4.90	0.9	22	7	1330	6.71	20
E799134	8.08	0.04	<0.5	8.95	<5	240	0.7	<2	4.80	0.8	25	5	1190	5.71	10



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North Vancouver BC V7J 2C1  
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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799109		1.42	10	2.17	450	81	0.75	13	1040	9	1.07	<5	17	226	<20	0.24
E799110		1.04	10	2.07	434	86	1.10	19	1020	11	2.21	6	19	259	<20	0.38
E799111		2.06	10	2.21	609	47	0.51	22	1000	3	3.19	<5	18	149	<20	0.33
E799112		1.32	10	2.23	539	42	1.35	19	1110	8	1.36	<5	19	326	<20	0.46
E799113		1.18	10	2.00	344	35	1.51	12	1100	7	1.68	<5	17	363	<20	0.43
E799114		2.00	10	0.41	823	460	2.04	3	510	47	0.47	84	3	618	<20	0.13
E799115		2.01	10	1.19	469	31	0.80	14	960	14	1.49	5	18	228	<20	0.32
E799116		2.14	10	1.17	430	25	0.91	13	1030	15	1.07	<5	16	230	<20	0.31
E799117		0.97	10	2.09	419	27	1.38	14	1040	13	1.51	<5	19	312	<20	0.43
E799118		1.25	10	2.10	432	35	1.33	14	920	6	0.26	<5	19	340	<20	0.43
E799119		1.89	10	1.59	550	90	1.67	9	890	7	0.19	<5	19	410	<20	0.44
E799120		1.77	10	1.87	573	39	1.45	8	810	17	0.97	<5	22	258	<20	0.47
E799121		1.68	10	2.22	749	24	1.25	3	830	28	0.55	<5	21	303	<20	0.49
E799122		1.33	10	2.37	896	26	1.58	2	840	10	1.92	<5	19	419	<20	0.49
E799123		1.72	10	1.77	1060	69	1.09	7	710	14	2.68	<5	17	309	<20	0.42
E799124		1.20	10	2.17	941	35	1.98	5	790	9	1.19	<5	19	459	<20	0.46
E799125		1.12	10	2.01	913	28	1.86	11	760	11	0.98	5	17	428	<20	0.44
E799126		1.16	10	2.01	1070	28	1.80	10	800	8	1.30	7	19	397	<20	0.45
E799127		1.52	10	1.92	1285	28	1.50	10	760	12	2.70	<5	19	375	<20	0.45
E799128		1.80	10	1.82	1210	44	1.71	7	720	6	2.41	<5	26	365	<20	0.52
E799129		2.95	10	2.64	1115	28	1.23	17	670	12	2.36	<5	30	271	<20	0.53
E799130		1.65	10	1.97	1095	25	1.61	4	870	23	2.44	<5	25	363	<20	0.53
E799131		1.68	10	1.78	834	27	1.45	6	870	7	2.81	5	19	197	<20	0.46
E799132		1.33	10	1.82	941	28	1.84	11	1020	8	3.05	<5	21	377	<20	0.53
E799133		1.35	10	1.94	810	43	1.42	4	910	5	3.03	<5	21	321	<20	0.48
E799134		1.30	10	2.10	919	30	1.15	1	950	<2	2.84	7	18	252	<20	0.46



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07030555</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-AA62 Ag ppm 1	Ag-GR21 Ag ppm 5
E799109		<10	<10	184	<10	222		
E799110		<10	<10	178	<10	299		
E799111		<10	<10	169	<10	236		
E799112		<10	<10	180	<10	321		
E799113		<10	<10	177	<10	156		
E799114		<10	10	42	<10	101		
E799115		<10	<10	157	<10	288		
E799116		<10	<10	146	<10	203		
E799117		<10	<10	164	<10	168		
E799118		<10	<10	194	<10	174		
E799119		<10	<10	193	<10	327		
E799120		<10	10	235	<10	306		
E799121		<10	<10	229	<10	283		
E799122		<10	<10	219	<10	290		
E799123		<10	<10	178	<10	309		
E799124		<10	<10	198	<10	351		
E799125		<10	10	188	<10	329		
E799126		<10	10	181	<10	388		
E799127		<10	<10	187	<10	391		
E799128		<10	10	247	<10	347		
E799129		<10	<10	244	<10	371		
E799130		<10	<10	228	<10	318		
E799131		<10	10	197	<10	214		
E799132		<10	<10	216	<10	243		
E799133		<10	<10	219	<10	298		
E799134		<10	<10	191	<10	291		



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## CERTIFICATE VA07028828

Project: Hushamu

P.O. No.: WRN07-01

This report is for 58 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 22-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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CERTIFICATE OF ANALYSIS	VA07028828
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
793492	6.08	0.02	<0.5	8.20	10	160	<0.5	<2	0.10	<0.5	17	4	34	4.69	10
793493	7.84	0.05	<0.5	7.71	<5	140	<0.5	<2	0.08	<0.5	11	4	33	4.30	10
793494	5.36	0.02	<0.5	9.07	27	90	<0.5	<2	0.09	<0.5	12	4	66	4.50	20
793495	7.34	0.02	<0.5	8.20	14	70	<0.5	<2	0.07	<0.5	14	4	55	5.69	20
793496	6.76	0.03	<0.5	9.83	16	130	<0.5	<2	0.13	<0.5	14	3	94	4.84	20
793497	6.66	0.03	<0.5	10.05	28	140	<0.5	<2	0.15	<0.5	15	1	118	6.02	20
793498	7.76	0.05	<0.5	9.39	39	200	<0.5	<2	0.15	<0.5	15	1	77	6.07	20
793499	7.26	0.04	<0.5	9.80	18	90	<0.5	<2	0.11	<0.5	19	4	89	6.96	20
793500	7.76	0.03	<0.5	10.25	32	180	<0.5	<2	0.15	<0.5	23	2	158	5.80	20
793501	5.68	0.03	<0.5	11.15	17	320	0.7	<2	0.35	0.6	19	2	143	5.33	20
793502	3.84	0.02	<0.5	11.25	22	420	0.7	<2	0.31	<0.5	20	14	97	4.88	20
793503	7.22	0.03	<0.5	11.20	25	150	0.8	<2	0.18	0.6	28	4	108	4.80	20
793504	1.60	0.04	<0.5	10.30	11	240	0.6	2	0.10	<0.5	17	3	60	4.25	20
793505	1.68	0.04	<0.5	9.70	15	210	0.5	<2	0.12	<0.5	14	9	55	5.28	20
793506	1.32	0.04	<0.5	9.96	23	230	0.8	<2	0.16	0.7	13	9	91	6.19	20
793507	2.80	0.05	<0.5	10.10	56	320	0.7	2	0.09	3.6	13	8	196	4.09	20
793508	3.70	0.03	<0.5	10.20	33	280	0.7	<2	0.11	2.6	15	8	112	3.77	20
793509	2.82	0.02	<0.5	9.62	16	160	0.6	<2	0.11	<0.5	26	7	71	6.75	10
793510	0.08	0.03	46.5	5.00	27	680	0.6	3	1.17	<0.5	1	24	4790	1.52	10
793511	6.26	0.02	<0.5	9.68	22	170	0.6	<2	0.08	<0.5	14	6	173	5.23	20
793512	7.08	0.02	<0.5	10.35	23	360	0.9	<2	0.15	0.9	35	5	87	4.65	20
793513	5.36	0.04	<0.5	11.05	8	290	0.8	<2	0.15	<0.5	19	5	50	4.51	20
793514	5.24	0.02	<0.5	10.75	12	290	0.7	<2	0.21	1.2	33	3	106	4.20	20
793515	2.12	0.04	<0.5	10.55	36	230	0.7	<2	0.18	0.7	21	4	154	5.02	20
793516	6.12	0.02	<0.5	11.10	50	420	0.8	<2	0.38	0.9	16	3	176	4.49	20
793517	4.96	0.02	<0.5	11.60	23	410	0.7	<2	0.50	0.7	26	5	73	4.58	20
793518	1.74	0.02	<0.5	10.35	13	320	0.7	<2	0.52	0.7	24	4	76	3.96	20
793519	4.36	0.05	<0.5	10.25	12	170	0.6	<2	0.17	1.5	17	7	169	5.53	20
793520	5.22	0.04	<0.5	10.65	10	390	0.5	<2	0.17	1.6	24	11	259	3.95	20
793521	0.46	0.03	<0.5	10.70	48	470	0.5	<2	0.19	1.2	9	13	189	3.25	20
793522	0.48	0.03	<0.5	11.00	23	490	0.6	<2	0.18	1.0	10	14	124	3.28	20
793523	2.78	0.03	<0.5	9.64	19	200	<0.5	<2	0.05	<0.5	21	9	153	5.84	10
793524	3.48	0.03	<0.5	8.76	<5	320	0.5	<2	0.10	3.2	22	11	261	4.84	20
793525	4.54	0.03	<0.5	9.15	6	390	0.6	<2	0.14	0.5	13	6	90	4.66	20
793526	5.54	0.01	<0.5	9.20	7	360	0.5	<2	0.09	0.8	16	7	119	4.27	10
793527	4.62	0.03	<0.5	8.82	8	170	0.6	<2	0.11	<0.5	24	7	191	6.19	10
793528	9.08	0.04	<0.5	9.02	<5	290	0.5	<2	0.23	1.6	18	20	161	6.42	20
793529	6.42	<0.01	<0.5	8.47	<5	210	0.7	<2	2.31	<0.5	19	7	67	5.62	10
799056	5.34	0.06	<0.5	6.97	9	200	<0.5	<2	0.12	<0.5	14	5	136	4.29	<10
799057	6.84	<0.01	<0.5	6.05	<5	160	<0.5	<2	0.20	<0.5	7	7	106	1.05	<10



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA07028828</b>
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
793492	0.03	10	0.03	23	3	0.05	5	620	31	5.39	<5	9	373	<20	0.19
793493	0.06	10	0.02	19	7	0.04	3	590	28	4.97	<5	8	396	<20	0.18
793494	1.04	10	0.08	23	4	0.13	4	620	21	5.15	<5	14	374	<20	0.20
793495	1.09	10	0.09	21	4	0.12	3	560	31	6.53	<5	13	359	<20	0.19
793496	1.40	10	0.10	19	8	0.20	1	850	28	5.58	<5	16	360	<20	0.26
793497	0.49	10	0.04	14	23	0.12	<1	1400	33	7.12	<5	19	449	<20	0.41
793498	0.23	10	0.02	10	27	0.09	<1	1520	29	7.17	<5	18	584	<20	0.47
793499	0.04	20	0.01	10	38	0.06	<1	1130	39	8.14	<5	18	585	<20	0.38
793500	0.27	10	0.02	15	30	0.13	1	1370	22	6.82	<5	20	621	<20	0.41
793501	1.04	10	0.21	23	9	0.42	2	740	19	6.39	<5	22	519	<20	0.26
793502	0.94	10	0.44	38	19	0.45	5	810	20	5.89	8	27	399	<20	0.30
793503	1.51	10	1.36	151	28	0.55	10	710	27	5.72	7	24	174	<20	0.43
793504	2.24	10	0.73	38	45	0.60	4	510	35	4.85	<5	26	215	<20	0.32
793505	1.42	10	0.71	33	18	0.49	8	510	44	6.14	<5	24	255	<20	0.33
793506	1.01	<10	0.45	24	23	0.87	5	340	18	7.28	<5	26	168	<20	0.33
793507	0.90	<10	1.94	70	39	0.85	8	920	27	5.02	<5	25	114	<20	0.34
793508	1.07	10	1.49	69	30	0.97	10	780	23	4.61	<5	24	96	<20	0.34
793509	1.23	10	0.76	39	11	0.76	4	570	8	8.00	<5	21	95	<20	0.27
793510	2.23	<10	0.14	246	230	1.21	4	370	79	0.70	107	1	335	<20	0.06
793511	1.59	10	0.40	23	22	0.77	7	430	3	6.25	<5	20	132	<20	0.34
793512	1.35	<10	0.81	32	40	0.99	14	490	17	5.59	<5	23	173	<20	0.35
793513	1.06	10	1.90	109	19	1.10	10	960	27	5.40	5	22	116	<20	0.37
793514	0.94	10	1.88	132	13	1.11	7	890	35	5.06	<5	24	123	<20	0.36
793515	0.94	10	0.76	67	20	1.18	8	550	31	6.00	<5	21	136	<20	0.34
793516	1.41	20	1.39	210	24	1.22	9	1040	32	5.20	<5	21	127	<20	0.26
793517	1.45	10	1.50	195	18	1.80	8	1150	26	5.30	<5	22	160	<20	0.35
793518	1.04	<10	2.56	347	14	2.30	8	1000	29	4.20	<5	20	164	<20	0.28
793519	1.20	10	1.86	205	22	0.70	7	720	29	5.54	<5	21	101	<20	0.27
793520	1.72	10	1.20	72	14	0.83	11	720	35	4.45	<5	21	123	<20	0.24
793521	1.23	<10	1.94	77	6	0.62	10	890	21	3.73	<5	24	129	<20	0.32
793522	1.40	10	1.53	58	5	0.63	11	980	25	3.87	<5	26	185	<20	0.35
793523	0.84	10	0.17	15	24	0.26	6	940	47	6.22	<5	16	795	<20	0.21
793524	1.40	<10	1.83	66	17	0.66	8	510	40	5.06	<5	20	83	<20	0.17
793525	1.72	10	1.17	47	15	0.73	4	330	13	4.77	<5	21	89	<20	0.18
793526	1.78	10	1.18	39	19	0.74	4	290	11	4.50	<5	26	71	<20	0.19
793527	1.77	10	0.90	24	16	0.69	5	420	16	6.49	<5	28	97	<20	0.20
793528	1.65	10	1.13	36	15	0.54	13	540	9	6.83	<5	24	70	<20	0.24
793529	0.68	10	3.28	1140	<1	1.49	6	810	4	0.82	<5	21	163	<20	0.43
799056	0.19	10	0.03	9	59	0.06	3	890	30	3.63	<5	5	178	<20	0.28
799057	0.35	20	0.07	27	24	0.13	2	1530	33	1.82	<5	3	298	<20	0.25



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
793492		<10	<10	90	<10	10
793493		<10	<10	98	<10	11
793494		<10	<10	107	<10	46
793495		<10	<10	101	<10	22
793496		<10	<10	136	<10	33
793497		<10	<10	120	<10	24
793498		<10	<10	115	<10	29
793499		<10	<10	143	10	8
793500		<10	<10	136	<10	44
793501		<10	<10	148	<10	100
793502		<10	<10	186	<10	103
793503		<10	<10	207	<10	171
793504		<10	<10	225	<10	93
793505		<10	<10	209	<10	54
793506		<10	<10	213	<10	62
793507		<10	<10	218	<10	430
793508		<10	<10	219	<10	280
793509		<10	<10	173	<10	32
793510		<10	10	27	<10	61
793511		<10	<10	168	<10	47
793512		<10	<10	201	<10	134
793513		<10	<10	212	<10	129
793514		<10	<10	222	<10	185
793515		<10	<10	196	<10	140
793516		<10	<10	188	<10	137
793517		<10	10	221	<10	161
793518		<10	10	218	<10	194
793519		<10	<10	191	<10	147
793520		<10	<10	195	<10	131
793521		<10	<10	202	<10	75
793522		10	<10	212	<10	43
793523		<10	<10	139	<10	19
793524		<10	<10	159	<10	161
793525		<10	<10	140	<10	55
793526		10	<10	135	<10	86
793527		<10	<10	150	<10	30
793528		<10	<10	172	<10	110
793529		<10	<10	168	<10	101
799056		<10	<10	112	<10	7
799057		<10	<10	51	<10	10



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
799058	7.18	<0.01	<0.5	7.14	<5	130	<0.5	<2	0.15	<0.5	7	7	63	1.08	<10
799059	2.82	<0.01	<0.5	7.02	<5	180	<0.5	<2	0.19	<0.5	7	6	16	1.99	<10
799060	3.18	0.01	<0.5	7.04	<5	210	<0.5	<2	0.14	<0.5	6	5	14	1.47	<10
799061	7.70	0.01	<0.5	7.61	<5	100	<0.5	<2	0.17	<0.5	2	7	33	0.49	<10
799062	6.92	<0.01	<0.5	5.27	<5	190	<0.5	<2	0.21	<0.5	5	12	44	0.80	<10
799063	6.86	<0.01	<0.5	6.25	<5	150	<0.5	<2	0.19	<0.5	6	9	44	1.32	<10
799064	7.90	<0.01	<0.5	9.41	<5	120	<0.5	<2	0.14	<0.5	8	6	30	1.50	<10
799065	6.92	<0.01	<0.5	8.66	<5	140	<0.5	<2	0.12	<0.5	12	6	39	1.89	<10
799066	0.08	0.01	39.4	4.60	25	570	0.5	3	1.01	<0.5	2	25	4250	1.44	10
799067	5.58	<0.01	<0.5	7.80	6	110	<0.5	<2	0.09	<0.5	19	11	50	3.15	<10
799068	6.82	0.02	0.6	7.09	8	170	<0.5	<2	0.09	<0.5	16	12	63	4.01	<10
799069	3.06	0.01	<0.5	8.04	10	130	<0.5	<2	0.09	<0.5	15	11	91	4.37	10
799070	3.84	0.05	<0.5	7.95	26	160	<0.5	<2	0.07	<0.5	28	11	196	11.20	40
799071	1.82	0.03	<0.5	7.80	19	80	<0.5	<2	0.06	<0.5	18	11	223	10.15	20
799072	7.14	0.01	<0.5	8.65	36	100	<0.5	<2	0.07	<0.5	22	12	587	8.06	20
799073	6.98	0.03	<0.5	7.92	45	150	<0.5	<2	0.08	<0.5	18	11	515	6.84	20
799074	6.16	0.02	<0.5	8.55	50	160	<0.5	<2	0.09	<0.5	47	12	1010	7.52	10
799075	6.86	0.01	<0.5	8.10	96	430	<0.5	<2	0.07	<0.5	11	26	434	6.44	20





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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07028828</b>
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
799058	0.18	10	0.01	6	25	0.07	3	1310	27	1.67	<5	2	181	<20	0.28
799059	0.10	10	0.01	9	15	0.06	3	1600	15	2.59	<5	2	256	<20	0.28
799060	0.13	10	<0.01	<5	68	0.06	2	1180	25	2.05	<5	2	232	<20	0.30
799061	0.18	10	<0.01	<5	46	0.08	1	1480	22	1.13	<5	1	159	<20	0.25
799062	0.43	20	<0.01	5	28	0.11	1	1760	53	1.92	<5	2	329	<20	0.22
799063	0.33	10	<0.01	5	68	0.10	2	1460	30	2.26	<5	2	227	<20	0.24
799064	0.17	10	<0.01	<5	49	0.07	2	1230	28	2.00	<5	2	226	<20	0.19
799065	0.19	10	<0.01	<5	67	0.06	4	1090	52	2.48	<5	2	149	<20	0.27
799066	2.05	<10	0.12	213	190	1.12	4	340	68	0.65	85	1	297	<20	0.06
799067	0.16	10	<0.01	<5	66	0.05	6	790	33	3.57	<5	3	205	<20	0.31
799068	0.20	10	<0.01	7	60	0.06	6	790	26	4.66	<5	5	233	<20	0.36
799069	0.12	10	<0.01	<5	43	0.05	5	820	29	4.18	<5	7	278	<20	0.43
799070	0.06	10	0.04	<5	25	0.03	3	660	25	>10.0	<5	16	101	<20	0.47
799071	0.11	10	0.05	<5	68	0.02	2	570	32	9.63	<5	16	139	<20	0.38
799072	0.76	10	0.10	6	29	0.03	4	650	30	7.48	7	21	178	<20	0.40
799073	0.07	10	0.03	5	16	0.02	4	710	37	5.90	<5	16	311	<20	0.31
799074	0.32	10	0.02	<5	71	0.08	11	800	48	8.11	<5	12	309	<20	0.26
799075	0.15	10	0.05	6	8	0.05	19	800	45	3.57	6	16	538	<20	0.28



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<b>CERTIFICATE OF ANALYSIS VA07028828</b>
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Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
799058		<10	<10	57	<10	14
799059		<10	<10	65	<10	17
799060		<10	<10	65	<10	16
799061		<10	<10	47	<10	8
799062		<10	<10	31	<10	6
799063		<10	<10	46	<10	9
799064		<10	<10	71	<10	16
799065		<10	<10	67	<10	38
799066		<10	<10	25	<10	55
799067		<10	<10	95	<10	22
799068		<10	<10	123	<10	17
799069		<10	<10	171	<10	19
799070		<10	<10	228	<10	17
799071		<10	<10	220	<10	9
799072		<10	<10	215	<10	12
799073		<10	<10	194	<10	36
799074		<10	<10	178	<10	12
799075		<10	<10	185	<10	9



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## CERTIFICATE VA07028643

Project: Hushamu

P.O. No.: WRN07-01

This report is for 45 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

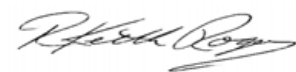
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory



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## CERTIFICATE OF ANALYSIS VA07028643

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793240		1.84	0.01	<0.5	8.90	20	340	0.5	3	0.22	<0.5	18	6	33	5.08	20
E793241		1.90	0.01	<0.5	9.06	25	300	0.6	2	0.28	<0.5	17	6	34	4.89	20
E793242		5.84	0.03	<0.5	7.99	<5	280	<0.5	<2	0.06	<0.5	1	5	11	0.55	10
E793243		7.36	0.04	<0.5	7.69	16	120	<0.5	4	0.12	<0.5	14	6	22	3.31	10
E793244		2.32	0.02	<0.5	6.65	<5	120	<0.5	<2	0.07	<0.5	<1	5	5	0.37	10
E793245		4.46	0.05	<0.5	7.41	21	90	<0.5	3	0.10	<0.5	6	13	45	1.61	10
E793246		8.04	0.02	<0.5	7.45	11	110	<0.5	2	0.13	<0.5	9	6	20	2.06	10
E793247		6.70	0.05	<0.5	3.07	<5	570	<0.5	<2	0.03	<0.5	<1	12	8	0.15	<10
E793248		7.34	0.15	<0.5	2.90	<5	570	<0.5	<2	0.02	<0.5	<1	10	2	0.19	<10
E793249		6.90	0.16	<0.5	0.82	<5	120	<0.5	<2	0.02	<0.5	<1	23	2	0.17	<10
E793250		6.74	0.12	<0.5	1.51	<5	210	<0.5	<2	0.03	<0.5	<1	8	1	0.17	<10
E793251		7.26	0.12	<0.5	1.49	33	310	<0.5	<2	0.02	<0.5	<1	13	18	0.18	<10
E793252		3.20	0.21	<0.5	1.78	9	340	<0.5	<2	0.02	<0.5	<1	14	8	0.44	<10
E793253		2.50	0.10	<0.5	4.32	7	70	<0.5	<2	0.05	<0.5	21	10	77	3.54	10
E793254		7.76	0.11	<0.5	2.80	7	450	<0.5	2	0.03	<0.5	<1	18	3	0.33	<10
E793255		2.82	0.08	<0.5	2.34	204	420	<0.5	<2	0.02	<0.5	<1	19	30	2.19	<10
E793256		6.02	0.11	<0.5	7.28	16	80	<0.5	3	0.06	<0.5	6	13	46	0.67	20
E793257		8.34	0.07	<0.5	6.82	6	100	<0.5	<2	0.05	<0.5	3	22	20	0.43	20
E793258		7.66	0.08	<0.5	6.15	10	120	<0.5	<2	0.05	<0.5	5	12	37	1.43	20
E793259		7.30	0.02	<0.5	1.14	8	210	<0.5	<2	0.03	<0.5	<1	35	7	0.54	<10
E793260		7.90	0.04	<0.5	7.21	<5	90	<0.5	<2	0.05	<0.5	14	17	46	2.10	20
E793261		8.32	0.03	<0.5	7.05	10	110	<0.5	<2	0.05	<0.5	3	14	22	0.92	10
E793262		6.98	0.11	<0.5	9.27	25	100	<0.5	2	0.06	<0.5	22	9	138	1.63	20
E793263		5.50	0.02	<0.5	8.90	11	1180	0.8	2	0.27	<0.5	7	2	117	3.06	20
E793264		6.12	0.03	<0.5	6.92	27	180	<0.5	3	0.04	<0.5	14	11	62	4.56	10
E793265		3.48	0.03	<0.5	7.73	19	100	<0.5	3	0.05	<0.5	13	10	93	4.80	10
E793266		7.64	0.03	<0.5	7.77	22	150	<0.5	<2	0.05	2.2	11	12	46	4.22	20
E793267		3.86	0.02	<0.5	8.39	25	110	<0.5	2	0.05	2.2	16	10	75	5.13	20
E793268		3.86	0.02	<0.5	8.44	29	90	<0.5	2	0.05	2.2	17	9	70	5.06	10
E793269		8.56	0.05	<0.5	6.40	13	90	<0.5	<2	0.10	<0.5	11	17	33	2.71	10
E793270		7.54	0.05	<0.5	5.59	8	70	<0.5	<2	0.10	<0.5	11	14	30	2.26	10
E793271		8.10	0.03	<0.5	6.57	12	90	<0.5	<2	0.08	<0.5	13	15	25	4.17	10
E793272		7.94	0.03	<0.5	6.48	17	80	<0.5	<2	0.09	<0.5	8	14	45	2.71	10
E793273		7.00	0.06	<0.5	2.04	<5	210	<0.5	<2	0.02	<0.5	2	38	4	0.69	10
E793274		7.10	0.07	<0.5	1.52	<5	150	<0.5	<2	0.02	<0.5	<1	34	4	0.72	<10
E793275		6.86	0.09	<0.5	2.17	15	250	<0.5	<2	0.03	<0.5	<1	33	5	0.62	<10
E793276		7.02	0.08	<0.5	1.23	13	130	<0.5	<2	0.02	<0.5	1	32	5	0.77	<10
E793277		7.44	0.08	<0.5	1.52	18	150	<0.5	<2	0.02	<0.5	1	41	7	0.82	<10
E793278		7.14	0.06	<0.5	2.41	12	310	<0.5	<2	0.03	<0.5	1	55	4	0.76	<10
E793279		0.10	0.01	<0.5	0.06	<5	10	<0.5	<2	0.01	<0.5	<1	<1	<1	0.02	<10



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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793240		1.84	10	0.75	134	1	0.06	3	490	5	5.52	<5	27	24	<20	0.37
E793241		1.72	10	0.97	160	1	0.07	1	530	6	5.33	<5	26	27	<20	0.37
E793242		1.07	10	0.01	10	4	0.30	<1	650	84	3.24	<5	8	865	<20	0.29
E793243		1.73	10	0.01	9	4	0.58	3	610	67	8.39	<5	8	461	<20	0.21
E793244		1.51	10	<0.01	12	4	0.49	<1	500	118	4.45	<5	5	729	<20	0.26
E793245		2.04	10	0.01	10	8	0.58	1	620	126	7.34	<5	7	691	<20	0.22
E793246		1.87	10	0.01	13	4	0.59	1	560	257	7.53	<5	7	531	<20	0.13
E793247		0.61	10	0.01	14	2	0.12	<1	190	89	1.52	<5	6	315	<20	0.22
E793248		0.40	<10	0.01	19	2	0.11	<1	140	87	1.11	<5	5	294	<20	0.30
E793249		0.08	<10	0.01	19	1	0.02	<1	70	32	0.21	<5	4	93	<20	0.30
E793250		0.19	<10	0.01	22	1	0.05	<1	120	70	0.53	<5	4	188	<20	0.30
E793251		0.23	<10	0.01	22	4	0.06	<1	90	60	0.64	<5	4	148	<20	0.27
E793252		0.37	<10	<0.01	28	3	0.10	<1	110	68	1.09	<5	3	184	<20	0.20
E793253		1.17	10	<0.01	16	15	0.31	4	530	241	7.00	<5	4	823	<20	0.13
E793254		0.74	<10	0.01	31	4	0.19	<1	140	76	2.04	<5	4	281	<20	0.31
E793255		0.51	<10	<0.01	25	126	0.12	<1	150	87	1.39	<5	5	230	<20	0.27
E793256		2.27	10	<0.01	17	11	0.50	2	550	418	6.36	<5	6	840	<20	0.23
E793257		2.14	10	<0.01	13	14	0.45	<1	470	471	5.65	<5	6	839	<20	0.18
E793258		1.83	10	<0.01	19	21	0.38	1	500	380	5.27	<5	6	795	<20	0.16
E793259		0.23	<10	0.01	23	12	0.07	<1	110	62	0.68	<5	4	144	<20	0.29
E793260		2.36	10	0.01	18	11	0.44	5	530	237	7.73	<5	5	678	<20	0.17
E793261		2.21	10	0.01	13	9	0.44	<1	500	219	6.11	<5	5	763	<20	0.20
E793262		2.04	10	0.01	16	25	0.46	5	640	251	6.62	<5	7	975	<20	0.24
E793263		2.73	10	0.59	391	2	0.48	<1	880	12	0.80	<5	14	51	<20	0.36
E793264		0.36	10	0.01	25	16	0.10	5	560	136	5.02	<5	10	642	<20	0.22
E793265		0.62	10	0.01	15	10	0.11	4	590	117	6.83	<5	13	375	<20	0.25
E793266		0.18	10	0.01	14	8	0.03	5	560	73	4.80	<5	9	255	<20	0.26
E793267		0.31	10	0.01	13	10	0.07	6	450	84	6.57	<5	11	252	<20	0.29
E793268		0.29	10	0.01	13	9	0.07	6	450	81	6.41	<5	11	246	<20	0.29
E793269		1.47	10	0.01	20	5	0.45	4	510	151	7.20	<5	7	433	<20	0.24
E793270		1.31	10	0.01	18	4	0.38	2	580	172	6.27	<5	6	685	<20	0.18
E793271		1.02	10	0.01	16	5	0.24	3	540	178	7.42	<5	9	440	<20	0.30
E793272		1.12	10	<0.01	12	5	0.29	2	630	269	6.10	<5	8	367	<20	0.33
E793273		0.53	<10	<0.01	17	33	0.15	<1	160	71	1.55	<5	3	184	<20	0.17
E793274		0.38	<10	<0.01	17	77	0.12	<1	140	48	1.13	<5	4	126	<20	0.23
E793275		0.56	<10	0.01	16	75	0.18	2	220	73	1.67	<5	2	191	<20	0.18
E793276		0.29	<10	<0.01	15	216	0.10	2	120	42	0.91	<5	2	110	<20	0.12
E793277		0.35	<10	<0.01	16	295	0.13	1	140	70	1.10	<5	2	150	<20	0.12
E793278		0.55	10	<0.01	18	166	0.20	2	320	74	1.75	<5	3	265	<20	0.17
E793279		<0.01	<10	<0.01	<5	1	0.01	<1	10	<2	0.01	<5	<1	2	<20	0.01



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Project: Hushamu

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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793240		<10	<10	175	<10	45
E793241		<10	<10	173	<10	45
E793242		<10	<10	95	<10	<2
E793243		<10	<10	107	<10	<2
E793244		<10	<10	50	<10	<2
E793245		<10	<10	74	<10	<2
E793246		<10	<10	75	<10	<2
E793247		<10	<10	33	<10	<2
E793248		<10	<10	24	<10	<2
E793249		<10	<10	17	<10	<2
E793250		<10	<10	21	<10	<2
E793251		<10	<10	19	<10	<2
E793252		<10	<10	20	<10	<2
E793253		<10	<10	44	<10	5
E793254		<10	<10	27	<10	5
E793255		<10	<10	30	<10	4
E793256		<10	<10	64	<10	3
E793257		<10	<10	53	<10	3
E793258		<10	<10	48	<10	3
E793259		<10	<10	17	<10	5
E793260		<10	<10	63	<10	5
E793261		<10	<10	79	<10	5
E793262		<10	<10	71	<10	9
E793263		<10	<10	51	<10	67
E793264		<10	<10	125	<10	26
E793265		<10	<10	155	<10	25
E793266		<10	<10	132	<10	99
E793267		<10	<10	146	<10	71
E793268		<10	<10	145	<10	71
E793269		<10	<10	70	<10	18
E793270		<10	<10	64	<10	22
E793271		<10	<10	136	<10	32
E793272		<10	<10	119	<10	33
E793273		<10	<10	15	<10	23
E793274		<10	<10	13	<10	17
E793275		<10	<10	14	<10	17
E793276		<10	<10	8	<10	21
E793277		<10	<10	10	<10	14
E793278		<10	<10	15	<10	9
E793279		<10	<10	<1	<10	3



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<b>CERTIFICATE OF ANALYSIS VA07028643</b>
---

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793280	7.76	0.10	<0.5	1.60	5	230	<0.5	2	0.03	<0.5	2	38	5	0.90	<10
E793281	4.14	0.06	<0.5	3.22	12	250	<0.5	<2	0.03	<0.5	13	27	41	1.42	<10
E793282	7.50	0.08	<0.5	6.82	52	180	<0.5	<2	0.07	<0.5	21	12	120	4.55	10
E793283	6.66	0.10	<0.5	3.62	16	370	<0.5	<2	0.07	<0.5	3	24	7	0.80	<10
E793284	10.58	0.09	<0.5	5.85	19	330	<0.5	<2	0.05	<0.5	11	17	44	2.27	<10







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## CERTIFICATE OF ANALYSIS VA07028643

Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Sample Description					
E793280	<10	<10	13	<10	8
E793281	<10	<10	22	<10	7
E793282	<10	<10	61	10	7
E793283	<10	<10	26	<10	5
E793284	<10	<10	47	<10	6



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## CERTIFICATE VA07028642

Project: Husamu  
P.O. No.: WRN07-01  
This report is for 4 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 20-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: \_\_\_\_\_

Keith Rogers, Executive Manager Vancouver Laboratory



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Project: Husamu

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793217		0.08	0.02	42.2	4.64	29	1090	0.6	5	1.09	<0.5	1	22	4420	1.50	10
E793224		0.10	<0.01	<0.5	0.06	<5	10	<0.5	<2	0.01	<0.5	<1	<1	4	0.02	<10
E793238		3.28	<0.01	<0.5	8.60	6	190	0.5	<2	4.82	<0.5	25	8	68	6.33	20
E793239		6.10	<0.01	<0.5	8.74	9	270	0.5	<2	5.49	<0.5	23	7	62	6.24	20



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793217	2.05	<10	0.12	234	203	1.13	4	330	73	0.67	91	1	310	<20	0.06
E793224	<0.01	<10	<0.01	<5	1	<0.01	1	10	<2	0.01	<5	<1	2	<20	0.01
E793238	0.08	<10	2.65	1400	<1	2.72	7	770	5	0.15	<5	23	654	<20	0.54
E793239	0.08	<10	2.51	1260	<1	2.27	8	760	3	0.12	<5	23	669	<20	0.53



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Project: Husamu

## CERTIFICATE OF ANALYSIS VA07028642

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793217		<10	10	25	<10	55
E793224		<10	<10	<1	<10	3
E793238		<10	10	225	<10	84
E793239		<10	10	228	<10	80



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## CERTIFICATE VA07028641

Project: Husamu

P.O. No.: WRN07-01

This report is for 22 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793214	6.34	0.01	<0.5	9.01	10	180	0.9	<2	3.07	<0.5	18	5	42	5.34	20
E793215	7.48	0.01	<0.5	8.54	10	390	0.6	<2	3.50	<0.5	14	2	69	4.27	20
E793216	7.70	0.02	<0.5	8.80	34	430	0.9	<2	3.29	<0.5	15	2	80	4.40	20
E793218	8.10	<0.01	<0.5	8.15	13	100	0.5	<2	4.95	<0.5	15	4	35	5.15	20
E793219	7.90	<0.01	<0.5	8.06	29	70	0.5	<2	6.78	<0.5	16	6	47	4.55	20
E793220	7.56	<0.01	<0.5	8.76	28	90	0.9	<2	3.93	<0.5	18	7	50	5.29	20
E793221	7.74	0.01	<0.5	8.71	16	70	0.6	<2	5.55	<0.5	17	7	47	5.20	20
E793222	7.70	0.01	<0.5	8.75	11	240	0.8	<2	3.41	<0.5	16	6	39	5.40	20
E793223	7.96	<0.01	<0.5	8.88	11	260	0.7	<2	2.96	<0.5	18	4	29	5.00	10
E793225	7.52	<0.01	<0.5	7.70	12	70	<0.5	3	5.54	<0.5	18	8	33	5.11	20
E793226	7.70	<0.01	<0.5	7.90	15	130	<0.5	<2	5.31	<0.5	14	6	43	4.11	20
E793227	7.68	<0.01	<0.5	9.33	29	480	0.7	<2	1.87	0.5	22	6	67	5.62	20
E793228	7.28	<0.01	<0.5	8.73	24	250	0.7	<2	3.18	2.5	16	5	54	5.04	20
E793229	7.20	<0.01	<0.5	9.04	19	280	0.7	<2	3.27	2.6	16	5	61	4.66	20
E793230	6.92	<0.01	<0.5	9.14	6	130	0.7	<2	3.72	0.7	17	6	35	5.05	20
E793231	8.10	<0.01	<0.5	8.87	19	130	0.6	<2	4.32	<0.5	18	5	43	4.61	20
E793232	7.90	<0.01	<0.5	8.47	11	100	0.5	<2	5.47	<0.5	16	5	53	4.88	20
E793233	7.42	<0.01	<0.5	9.18	9	140	0.7	<2	5.56	<0.5	17	6	54	4.85	20
E793234	7.78	<0.01	<0.5	8.67	5	120	0.6	<2	4.19	<0.5	16	5	45	5.10	20
E793235	7.52	<0.01	<0.5	8.81	5	160	0.5	<2	4.78	<0.5	16	4	51	5.10	20
E793236	7.94	0.01	<0.5	9.05	<5	160	0.6	<2	4.31	<0.5	17	4	53	5.04	20
E793237	5.32	<0.01	<0.5	8.01	7	300	0.5	<2	6.14	<0.5	17	5	66	4.65	20



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## CERTIFICATE OF ANALYSIS VA07028641

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793214		1.55	<10	1.47	576	1	0.20	3	670	5	7.47	<5	20	228	<20	0.40
E793215		1.50	<10	1.80	770	1	0.22	2	650	18	7.50	<5	19	200	<20	0.32
E793216		1.52	<10	2.53	649	<1	0.11	3	630	11	7.71	<5	20	196	<20	0.33
E793218		0.77	<10	0.49	73	<1	0.07	5	640	18	>10.0	<5	20	718	<20	0.32
E793219		1.16	<10	0.39	29	1	0.10	9	640	12	>10.0	<5	18	376	<20	0.26
E793220		1.07	<10	1.58	71	<1	0.11	2	700	17	9.42	<5	20	225	<20	0.35
E793221		1.21	<10	1.03	53	1	0.14	5	740	18	>10.0	<5	20	292	<20	0.31
E793222		0.73	<10	2.16	164	<1	0.09	6	690	14	8.99	<5	21	180	<20	0.28
E793223		0.43	<10	1.95	383	1	0.07	<1	660	12	7.85	<5	19	187	<20	0.34
E793225		0.45	<10	0.09	21	1	0.10	5	740	22	>10.0	<5	15	426	<20	0.28
E793226		1.03	<10	0.69	122	1	0.13	3	670	13	9.29	<5	19	307	<20	0.29
E793227		1.44	10	3.08	1455	<1	0.54	5	640	22	6.91	<5	26	162	<20	0.40
E793228		0.29	<10	2.94	2020	<1	1.04	<1	640	16	6.27	<5	25	297	<20	0.48
E793229		0.38	<10	2.71	1190	<1	0.42	1	660	27	6.19	<5	25	184	<20	0.45
E793230		0.25	<10	2.39	1575	<1	1.41	3	680	25	6.20	<5	24	390	<20	0.49
E793231		0.50	<10	2.21	1345	1	1.47	1	690	10	6.43	<5	24	441	<20	0.46
E793232		0.85	<10	1.81	1060	<1	1.28	8	670	19	7.91	<5	22	390	<20	0.43
E793233		0.72	<10	2.06	1275	1	1.10	1	700	11	7.39	<5	24	375	<20	0.47
E793234		0.86	<10	2.47	1280	<1	1.16	<1	660	16	7.44	<5	23	361	<20	0.41
E793235		0.24	<10	2.16	1095	1	1.31	4	650	12	7.17	<5	23	385	<20	0.43
E793236		0.89	<10	2.35	1225	<1	1.49	<1	680	15	7.52	<5	23	433	<20	0.41
E793237		1.66	<10	1.23	327	<1	0.19	1	560	6	>10.0	<5	18	277	<20	0.31





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Project: Husamu

## CERTIFICATE OF ANALYSIS VA07028641

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793214		<10	<10	192	10	60
E793215		<10	<10	167	10	82
E793216		<10	<10	168	<10	149
E793218		<10	<10	149	<10	11
E793219		<10	<10	153	<10	16
E793220		<10	<10	187	<10	34
E793221		<10	<10	175	10	43
E793222		<10	<10	163	<10	49
E793223		<10	<10	183	10	101
E793225		<10	<10	163	10	5
E793226		<10	<10	155	<10	14
E793227		<10	<10	221	<10	103
E793228		<10	<10	213	<10	557
E793229		<10	<10	201	<10	552
E793230		<10	<10	216	<10	230
E793231		<10	<10	205	10	133
E793232		<10	<10	191	<10	122
E793233		<10	<10	228	10	148
E793234		<10	<10	210	<10	119
E793235		<10	<10	198	<10	141
E793236		<10	<10	221	<10	121
E793237		<10	<10	163	10	32



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Finalized Date: 27-MAR-2007

Account: EIA

## CERTIFICATE VA07028640

Project: Hushamu

P.O. No.: WRN07-01

This report is for 42 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Project: Hushamu

CERTIFICATE OF ANALYSIS	VA07028640
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793341	6.70	1.22	<0.5	7.36	5	30	<0.5	2	0.04	<0.5	13	8	1300	0.89	10
E793342	7.10	0.99	<0.5	8.83	<5	20	0.5	3	0.04	<0.5	10	5	1750	1.41	20
E793343	7.50	1.53	<0.5	6.43	25	20	<0.5	4	0.02	<0.5	26	9	2690	1.62	20
E793344	7.56	1.32	<0.5	8.80	<5	30	<0.5	2	0.03	<0.5	7	6	1140	0.43	20
E793345	7.14	0.84	0.9	8.45	<5	30	0.5	2	0.05	<0.5	6	7	1640	0.51	20
E793346	7.32	1.61	0.8	7.05	5	20	0.6	2	0.04	<0.5	13	5	894	1.48	20
E793347	7.46	0.81	0.6	7.01	<5	20	0.7	<2	0.05	<0.5	21	3	1120	3.78	10
E793348	7.80	0.85	<0.5	6.14	<5	20	0.7	<2	0.04	<0.5	26	5	1420	6.57	10
E793349	7.28	1.64	0.7	6.18	<5	20	0.7	2	0.10	<0.5	24	2	1830	8.21	10
E793350	7.74	0.66	0.5	5.99	<5	10	0.6	<2	0.05	<0.5	16	3	758	5.26	10
E793351	7.48	1.04	0.9	4.80	5	20	0.5	3	0.05	<0.5	28	3	1160	7.55	10
E793352	7.82	0.55	0.5	5.37	<5	10	0.7	2	0.05	<0.5	28	6	915	8.65	10
E793353	7.34	0.68	0.7	5.72	<5	10	0.7	2	0.06	<0.5	40	1	1090	11.65	10
E793354	7.66	1.07	0.8	6.40	<5	30	0.7	<2	0.07	<0.5	18	5	1350	5.30	10
E793355	7.74	0.78	0.6	6.25	<5	20	0.5	2	0.07	<0.5	23	3	895	5.56	10
E793356	7.00	1.05	0.8	5.18	<5	10	0.5	2	0.05	<0.5	25	2	1450	5.97	10
E793357	7.60	0.44	1.5	4.21	<5	20	0.5	4	0.06	<0.5	36	4	2420	15.50	10
E793358	7.16	0.57	1.6	5.80	7	200	1.2	3	0.17	<0.5	32	<1	1610	15.70	20
E793359	7.78	0.54	1.8	5.62	<5	320	1.4	4	0.22	<0.5	36	1	1870	19.35	10
E793360	7.94	0.32	0.9	4.96	<5	400	1.4	3	0.28	<0.5	35	<1	874	20.8	10
E793361	8.20	0.89	4.2	5.04	<5	510	1.5	<2	0.25	<0.5	27	1	2170	15.40	10
E793362	7.98	0.87	2.3	4.79	<5	420	1.4	<2	0.21	<0.5	30	1	1440	17.75	10
E793363	8.08	1.03	2.8	4.76	<5	510	1.4	2	0.20	<0.5	29	<1	2030	20.1	10
E793364	8.12	1.33	2.5	4.81	<5	710	1.3	4	0.17	<0.5	30	<1	2010	19.25	10
E793365	8.08	0.99	1.5	4.62	<5	440	1.1	3	0.16	<0.5	27	1	2440	17.15	10
E793366	7.94	1.99	2.0	5.19	<5	200	1.2	5	0.19	<0.5	20	3	1740	13.25	10
E793367	8.18	0.92	1.9	4.80	<5	320	1.5	<2	0.21	<0.5	21	3	1450	14.85	10
E793368	8.02	0.63	2.0	5.47	<5	140	1.7	4	0.24	<0.5	24	<1	1780	17.40	10
E793369	8.32	0.84	1.6	4.35	<5	260	1.1	<2	0.19	<0.5	22	2	1800	15.05	10
E793370	7.52	0.82	1.5	4.22	<5	170	1.1	2	0.19	<0.5	19	4	2050	12.50	10
E793371	0.08	0.02	40.7	4.40	22	590	0.6	3	1.05	<0.5	2	21	4300	1.50	10
E793372	7.24	0.60	0.9	4.94	<5	210	1.5	<2	0.24	<0.5	20	2	1380	13.30	10
E793373	4.82	0.46	0.8	5.83	<5	690	1.4	<2	0.69	<0.5	14	1	879	9.10	10
E793374	6.98	0.71	1.3	6.20	<5	1460	1.1	2	1.27	<0.5	12	2	737	7.49	10
E793375	7.02	0.47	0.9	6.59	<5	1000	0.9	<2	1.72	<0.5	12	2	498	6.03	10
E793376	Not Recvd														
E793377	Not Recvd														
E793378	Not Recvd														
E793379	3.46	0.15	<0.5	6.78	<5	590	1.0	2	0.60	<0.5	10	1	314	5.40	10
E793380	1.64	0.01	<0.5	8.76	<5	70	0.6	<2	5.76	<0.5	31	147	73	6.28	10



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA07028640</b>
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793341	0.01	20	0.01	32	134	0.02	8	330	7	0.75	<5	20	52	<20	0.42
E793342	0.01	20	0.02	15	63	0.02	5	430	4	1.32	<5	37	43	<20	0.38
E793343	0.01	20	0.01	13	53	0.02	8	350	4	1.53	<5	97	34	<20	0.26
E793344	0.01	20	0.01	12	31	0.04	5	400	5	0.21	<5	59	49	<20	0.30
E793345	0.01	20	0.01	14	28	0.03	5	350	2	0.25	<5	119	24	<20	0.29
E793346	0.01	20	0.02	16	39	0.02	5	290	3	0.83	<5	148	17	<20	0.27
E793347	0.01	20	0.04	28	28	0.02	3	380	2	0.57	<5	49	25	<20	0.26
E793348	0.01	20	0.06	44	77	0.02	<1	280	4	0.26	<5	63	19	<20	0.24
E793349	0.02	10	0.08	45	28	0.04	<1	320	3	0.60	<5	47	16	<20	0.22
E793350	0.02	10	0.04	29	52	0.01	<1	290	3	0.19	<5	82	13	<20	0.20
E793351	0.01	20	0.07	39	60	0.01	2	280	3	0.84	<5	44	15	<20	0.21
E793352	0.02	20	0.08	51	34	0.02	3	270	<2	0.61	<5	48	15	<20	0.19
E793353	0.02	10	0.06	38	26	0.01	<1	300	<2	0.15	<5	34	7	<20	0.20
E793354	0.01	20	0.06	35	23	0.01	1	340	<2	0.27	<5	47	17	<20	0.23
E793355	0.01	10	0.07	36	18	0.01	<1	370	<2	0.17	<5	28	31	<20	0.22
E793356	0.01	10	0.08	44	21	0.01	<1	240	4	0.29	<5	18	17	<20	0.19
E793357	0.02	10	0.18	88	23	0.01	2	250	6	0.32	<5	24	8	<20	0.15
E793358	0.49	10	0.40	93	20	0.02	<1	390	<2	0.06	<5	22	9	<20	0.21
E793359	0.72	10	1.18	156	14	0.02	<1	360	4	0.06	<5	12	10	<20	0.22
E793360	0.60	<10	1.41	181	9	0.01	<1	360	<2	0.04	<5	10	13	<20	0.19
E793361	0.74	10	0.85	139	9	0.02	<1	310	4	0.07	<5	14	12	<20	0.19
E793362	0.57	<10	1.08	160	11	0.01	<1	350	<2	0.06	<5	9	10	<20	0.18
E793363	0.58	<10	0.79	127	16	0.01	<1	320	<2	0.08	<5	10	12	<20	0.18
E793364	0.53	10	0.65	126	14	0.01	<1	290	4	0.11	<5	11	14	<20	0.18
E793365	0.47	10	0.57	116	13	0.01	<1	290	<2	0.14	<5	15	11	<20	0.18
E793366	0.63	10	0.52	103	13	0.02	<1	340	<2	0.14	<5	26	10	<20	0.18
E793367	0.69	10	0.73	128	8	0.02	<1	290	<2	0.05	<5	11	11	<20	0.18
E793368	0.89	10	0.64	116	10	0.02	<1	300	<2	0.05	<5	13	11	<20	0.21
E793369	0.69	<10	0.43	97	9	0.02	<1	310	<2	0.07	<5	13	11	<20	0.16
E793370	0.74	<10	0.50	109	9	0.02	<1	290	<2	0.10	<5	10	9	<20	0.19
E793371	2.10	<10	0.12	215	193	1.08	2	340	68	0.62	92	1	288	<20	0.05
E793372	0.88	<10	1.21	171	8	0.02	<1	320	2	0.05	<5	11	12	<20	0.21
E793373	1.93	10	2.43	361	2	0.09	<1	400	4	0.04	<5	11	39	<20	0.22
E793374	2.87	10	2.39	403	2	0.21	1	370	23	0.05	<5	11	75	<20	0.23
E793375	2.87	10	1.96	412	1	0.47	1	400	20	0.05	<5	12	86	<20	0.25
E793376															
E793377															
E793378															
E793379	2.23	10	1.79	191	33	0.04	1	420	3	0.25	<5	14	17	<20	0.22
E793380	0.33	<10	4.28	990	<1	1.25	125	1000	9	0.09	<5	23	150	<20	0.58



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Project: Hushamu

CERTIFICATE OF ANALYSIS	VA07028640
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Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793341		<10	<10	264	<10	26
E793342		<10	<10	429	<10	31
E793343		<10	<10	409	<10	34
E793344		<10	<10	323	<10	41
E793345		<10	<10	394	<10	53
E793346		<10	<10	374	<10	58
E793347		<10	<10	220	<10	100
E793348		<10	<10	195	<10	111
E793349		<10	<10	195	<10	100
E793350		<10	<10	200	<10	92
E793351		<10	<10	155	<10	114
E793352		<10	<10	176	<10	140
E793353		<10	<10	157	<10	139
E793354		<10	<10	185	<10	114
E793355		<10	<10	146	<10	113
E793356		<10	<10	133	<10	158
E793357		<10	<10	124	<10	412
E793358		<10	<10	120	<10	302
E793359		<10	<10	85	<10	373
E793360		<10	<10	74	<10	371
E793361		<10	<10	85	<10	409
E793362		<10	<10	69	<10	457
E793363		<10	<10	69	<10	443
E793364		<10	<10	78	<10	460
E793365		<10	<10	80	<10	361
E793366		<10	<10	106	<10	289
E793367		<10	<10	70	<10	371
E793368		<10	<10	80	<10	407
E793369		<10	<10	73	<10	326
E793370		<10	<10	75	<10	329
E793371		<10	<10	23	<10	52
E793372		<10	<10	79	<10	433
E793373		<10	<10	82	<10	311
E793374		<10	<10	79	<10	297
E793375		<10	<10	88	<10	388
E793376						
E793377						
E793378						
E793379		<10	<10	82	<10	92
E793380		<10	10	147	<10	83



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<b>CERTIFICATE OF ANALYSIS VA07028640</b>
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793381	5.24	0.82	<0.5	6.64	<5	380	0.9	<2	0.53	<0.5	12	3	1840	4.82	20
E793382	4.12	0.01	<0.5	8.63	8	430	0.7	<2	1.80	<0.5	13	1	61	5.08	10



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07028640</b>
---

Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793381	2.05	10	0.87	139	104	0.07	5	450	10	1.99	<5	21	22	<20	0.18
E793382	1.20	10	2.21	1005	3	3.84	3	990	<2	0.08	<5	18	224	<20	0.43



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07028640

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793381		<10	<10	101	<10	108
E793382		<10	20	123	<10	69





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## CERTIFICATE VA07028349

Project: Hushamu

P.O. No.: WRN07-01

This report is for 67 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 21-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION


ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY  
ALS Canada Ltd.

212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07028349

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793383		6.04	<0.01	<0.5	8.94	11	470	0.7	<2	2.13	<0.5	16	1	60	5.22	10
E793384		3.62	0.58	<0.5	8.46	16	380	1.0	2	1.45	0.5	16	5	1470	5.43	10
E793385		3.78	0.56	<0.5	8.37	7	380	1.0	<2	1.32	<0.5	15	5	1415	4.92	10
E793386		7.74	0.47	<0.5	8.51	10	410	1.0	<2	1.02	<0.5	16	7	1290	7.71	10
E793387		7.94	0.23	<0.5	7.63	<5	400	0.8	<2	0.76	<0.5	15	5	863	7.14	10
E793388		7.10	0.51	<0.5	8.02	<5	440	0.8	2	1.35	<0.5	15	8	1300	6.42	10
E793389		7.66	0.39	<0.5	8.07	<5	390	0.8	<2	1.27	<0.5	22	5	1365	8.61	10
E793390		7.56	0.50	<0.5	7.89	8	570	0.8	<2	1.43	<0.5	23	7	950	6.67	10
E793391		7.22	0.66	<0.5	8.35	13	600	0.9	<2	2.39	<0.5	21	4	1595	6.55	10
E793392		7.62	0.52	<0.5	7.86	<5	430	0.9	<2	1.29	<0.5	26	7	1170	5.35	10
E793393		7.82	0.46	<0.5	7.90	11	460	0.9	<2	0.77	<0.5	27	6	757	4.53	10
E793394		6.70	1.16	0.6	9.01	<5	510	0.9	<2	1.86	4.2	36	4	1045	5.89	20
E793395		7.42	0.23	<0.5	9.29	6	390	1.0	<2	1.93	<0.5	16	3	521	4.60	20
E793396		7.58	0.14	<0.5	10.00	5	480	0.9	<2	1.64	<0.5	13	3	437	7.00	20
E793397		7.00	0.14	<0.5	10.70	15	730	0.9	3	0.86	<0.5	16	3	638	5.97	20
E793398		0.10	0.02	<0.5	0.07	<5	20	<0.5	<2	0.01	<0.5	1	<1	2	0.02	<10
E793399		7.66	0.07	<0.5	9.88	<5	760	0.9	<2	0.74	0.5	25	3	372	6.94	20
E793400		7.32	0.05	<0.5	9.90	8	550	0.8	<2	1.32	<0.5	17	3	284	7.53	10
E793401		7.92	0.09	<0.5	9.65	15	330	0.6	3	1.15	<0.5	17	3	346	9.00	20
E793402		6.86	0.04	<0.5	9.85	8	240	0.6	<2	1.10	<0.5	29	3	84	6.91	10
E793403		4.30	0.04	<0.5	8.12	<5	140	<0.5	<2	1.48	<0.5	14	7	33	3.92	10
E793404		4.68	0.05	<0.5	8.31	9	80	<0.5	2	1.58	<0.5	26	6	41	4.72	10
E793405		4.20	<0.01	<0.5	9.18	6	290	0.7	<2	3.48	<0.5	16	<1	48	5.49	10
E793406		1.86	0.02	<0.5	8.01	7	210	<0.5	<2	3.11	<0.5	15	3	31	4.35	<10
E793407		4.70	<0.01	<0.5	9.26	18	580	0.6	<2	2.81	<0.5	18	<1	49	5.56	10
E793408		3.42	<0.01	<0.5	8.90	9	560	1.1	<2	2.45	<0.5	9	<1	9	4.40	20
E793409		3.38	<0.01	<0.5	9.37	10	150	0.7	<2	5.63	<0.5	26	23	52	5.71	10
E793410		1.92	0.01	<0.5	6.96	10	110	<0.5	<2	2.04	<0.5	13	4	20	4.15	10
E793411		7.62	0.01	<0.5	5.45	6	50	<0.5	<2	5.13	<0.5	14	5	13	3.92	<10
E793412		7.02	0.01	<0.5	6.42	25	110	<0.5	<2	6.61	<0.5	14	6	17	3.97	10
E793413		7.68	0.01	<0.5	7.64	20	70	0.6	<2	3.88	<0.5	14	4	35	4.27	20
E793414		7.44	0.01	<0.5	7.83	13	90	0.6	<2	4.21	<0.5	15	3	74	4.98	20
E793415		7.38	0.01	<0.5	5.04	<5	60	<0.5	<2	8.05	<0.5	13	5	33	4.27	10
E793416		7.54	0.01	<0.5	6.37	6	40	<0.5	<2	4.33	<0.5	15	3	37	5.19	10
E793417		7.52	0.02	<0.5	7.11	16	50	<0.5	<2	3.47	<0.5	22	6	43	6.48	20
E793418		7.64	0.02	<0.5	6.58	9	70	<0.5	<2	4.49	0.5	16	8	26	5.19	10
E793419		7.74	0.12	<0.5	6.42	8	70	<0.5	<2	4.82	<0.5	16	10	18	4.48	10
E793420		7.82	0.01	<0.5	6.97	14	70	<0.5	2	3.39	<0.5	19	9	51	5.66	20
E793421		0.08	0.20	29.2	7.22	277	830	1.0	6	2.63	0.5	11	12	1560	2.27	20
E793422		7.56	0.02	<0.5	5.86	11	80	<0.5	2	5.05	<0.5	15	14	53	5.79	10



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North Vancouver BC V7J 2C1  
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Project: Hushamu

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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793383	1.19	<10	2.40	1075	<1	2.95	6	950	4	0.07	<5	19	286	<20	0.46
E793384	2.37	10	0.91	75	80	0.12	6	640	6	5.28	<5	17	51	<20	0.16
E793385	2.46	10	0.80	42	64	0.08	2	590	5	5.05	6	15	46	<20	0.15
E793386	2.15	10	2.03	54	57	0.06	4	650	<2	4.80	6	20	39	<20	0.25
E793387	2.03	10	1.57	35	35	0.04	7	520	3	4.41	<5	16	35	<20	0.25
E793388	1.98	10	1.87	40	76	0.05	5	600	4	4.24	7	19	39	<20	0.28
E793389	2.03	10	1.52	38	47	0.05	4	660	9	4.59	<5	20	35	<20	0.27
E793390	1.88	10	1.79	38	76	0.04	3	550	<2	3.01	7	17	36	<20	0.24
E793391	2.05	10	2.14	32	131	0.05	2	650	<2	3.25	<5	19	46	<20	0.29
E793392	1.71	10	2.53	53	220	0.04	<1	540	4	1.84	<5	21	30	<20	0.25
E793393	2.08	10	1.87	45	177	0.05	4	600	2	2.86	<5	15	29	<20	0.24
E793394	2.24	10	1.93	60	95	0.05	4	790	10	3.26	5	18	45	<20	0.28
E793395	1.98	<10	1.94	57	264	0.09	5	680	2	4.71	8	19	61	<20	0.26
E793396	1.96	<10	2.15	94	165	0.11	4	750	6	3.72	6	22	67	<20	0.35
E793397	2.77	10	1.69	72	199	0.09	5	760	<2	2.81	6	25	45	<20	0.31
E793398	0.01	<10	<0.01	<5	1	<0.01	<1	<10	2	0.01	<5	<1	3	<20	0.01
E793399	2.30	<10	1.89	233	204	0.08	5	750	13	1.08	<5	28	51	<20	0.31
E793400	1.86	<10	1.26	135	152	0.11	4	630	4	3.19	<5	21	63	<20	0.28
E793401	1.24	10	1.19	72	59	0.07	1	780	<2	5.56	5	28	51	<20	0.30
E793402	0.90	10	0.39	31	213	0.08	3	770	<2	6.40	<5	25	132	<20	0.30
E793403	0.03	<10	0.03	9	490	0.03	2	760	8	5.78	<5	10	231	<20	0.41
E793404	0.25	<10	0.06	21	443	0.05	3	640	4	6.51	<5	12	338	<20	0.45
E793405	0.61	10	2.29	993	5	1.94	1	940	<2	0.81	6	21	295	<20	0.53
E793406	1.62	<10	0.06	26	14	0.10	2	800	19	6.38	7	6	305	<20	0.18
E793407	1.00	10	2.37	1150	<1	2.45	3	950	<2	2.32	<5	21	241	<20	0.54
E793408	0.62	10	1.05	894	<1	4.55	<1	1600	<2	0.51	<5	13	459	<20	0.53
E793409	0.24	<10	2.79	1140	<1	2.04	45	1220	4	0.37	5	21	618	<20	0.70
E793410	0.50	<10	0.07	24	4	0.13	5	670	29	6.68	5	10	632	<20	0.18
E793411	0.18	<10	0.01	7	1	0.03	5	580	19	9.78	<5	8	589	<20	0.20
E793412	0.21	<10	0.03	6	3	0.04	2	630	20	>10.0	7	11	555	<20	0.20
E793413	0.87	<10	0.90	29	1	0.09	5	660	5	8.66	<5	17	276	<20	0.25
E793414	0.92	10	0.70	36	1	0.10	3	620	12	9.99	<5	18	287	<20	0.25
E793415	0.38	<10	0.02	8	2	0.07	5	560	33	>10.0	<5	8	566	<20	0.18
E793416	0.17	<10	0.03	<5	2	0.04	3	560	13	>10.0	6	12	355	<20	0.16
E793417	0.53	<10	0.07	7	9	0.05	5	680	18	>10.0	<5	15	310	<20	0.20
E793418	0.28	10	0.01	<5	8	0.10	2	530	33	>10.0	<5	9	473	<20	0.26
E793419	0.43	10	0.02	10	2	0.08	3	610	29	>10.0	<5	12	607	<20	0.24
E793420	0.61	<10	0.08	<5	2	0.06	7	590	29	>10.0	6	18	293	<20	0.32
E793421	1.90	10	0.38	758	428	1.96	4	480	46	0.46	84	3	596	<20	0.12
E793422	0.51	10	0.05	8	18	0.11	8	490	50	>10.0	<5	15	332	<20	0.21



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793383		<10	20	141	<10	77
E793384		<10	<10	120	<10	55
E793385		<10	<10	117	<10	50
E793386		<10	<10	145	<10	37
E793387		<10	<10	123	<10	31
E793388		<10	<10	135	<10	34
E793389		<10	<10	146	<10	34
E793390		<10	<10	121	<10	49
E793391		10	<10	155	<10	48
E793392		<10	<10	136	<10	67
E793393		<10	<10	126	<10	58
E793394		<10	<10	158	<10	220
E793395		<10	<10	156	<10	76
E793396		<10	<10	227	<10	135
E793397		<10	<10	226	10	106
E793398		<10	<10	1	<10	3
E793399		10	<10	224	<10	206
E793400		<10	<10	203	<10	158
E793401		<10	<10	219	<10	113
E793402		<10	<10	201	<10	65
E793403		<10	<10	132	<10	35
E793404		<10	<10	165	10	35
E793405		<10	10	172	<10	92
E793406		10	<10	103	<10	6
E793407		<10	10	179	<10	85
E793408		<10	30	64	<10	76
E793409		<10	10	138	<10	79
E793410		<10	<10	134	<10	6
E793411		<10	<10	129	<10	6
E793412		<10	<10	127	<10	17
E793413		<10	<10	147	<10	41
E793414		<10	<10	150	<10	36
E793415		<10	<10	115	<10	5
E793416		<10	<10	138	<10	5
E793417		<10	<10	171	<10	13
E793418		<10	<10	139	<10	4
E793419		<10	<10	150	<10	5
E793420		<10	<10	188	<10	11
E793421		<10	10	38	<10	92
E793422		<10	<10	142	<10	10



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793423	7.56	0.01	<0.5	6.57	9	90	<0.5	2	2.97	<0.5	20	7	35	5.76	10
E793424	7.82	0.01	<0.5	5.73	17	70	<0.5	4	5.51	<0.5	19	8	68	5.98	10
E793425	7.68	0.01	<0.5	6.77	28	50	<0.5	2	4.19	<0.5	19	8	73	5.30	20
E793426	7.94	0.01	<0.5	6.12	28	80	<0.5	2	4.52	<0.5	19	10	20	5.07	10
E793427	8.20	0.01	<0.5	6.14	18	80	<0.5	<2	3.25	<0.5	24	9	24	5.84	<10
E799001	7.18	0.01	<0.5	9.21	<5	350	0.6	<2	3.17	<0.5	26	21	84	9.90	10
E799002	7.20	0.01	<0.5	9.09	8	270	0.6	<2	4.12	0.5	22	17	112	6.35	20
E799003	6.84	0.01	<0.5	9.56	7	310	0.6	2	4.22	<0.5	17	22	82	5.00	20
E799004	5.82	0.01	<0.5	9.15	<5	450	0.8	<2	2.96	0.5	14	3	64	4.89	20
E799005	5.76	0.01	0.5	8.57	16	380	0.7	<2	2.71	<0.5	15	4	81	4.81	20
E799006	6.98	0.02	<0.5	8.83	18	380	0.6	<2	2.43	<0.5	16	8	86	5.32	10
E799007	5.62	0.01	<0.5	8.73	12	310	0.6	<2	2.74	<0.5	24	29	105	5.95	20
E799008	6.64	0.01	<0.5	9.63	<5	270	0.6	2	2.75	<0.5	29	40	113	6.89	10
E799009	7.22	0.01	<0.5	9.59	11	360	0.6	2	2.77	<0.5	26	34	96	6.92	20
E799010	6.98	0.01	<0.5	9.53	9	190	0.5	3	4.10	<0.5	20	30	93	5.80	10
E799011	7.68	0.02	<0.5	8.63	34	1000	0.6	2	3.89	<0.5	20	26	74	4.91	10
E799012	7.72	0.02	<0.5	8.20	47	660	0.6	<2	1.85	<0.5	19	10	145	5.20	10
E799013	0.08	0.17	1.3	5.75	1265	3200	1.7	3	2.02	2.8	10	112	50	3.07	10
E799014	5.08	0.11	<0.5	7.46	36	190	0.6	<2	1.37	<0.5	22	12	300	6.17	10
E799015	2.58	0.16	<0.5	8.52	23	300	0.7	3	2.52	<0.5	19	12	490	6.95	20
E799016	7.36	0.06	<0.5	8.36	118	550	0.7	4	1.94	<0.5	21	13	285	6.07	20
E799017	6.62	0.03	<0.5	8.72	68	1560	0.6	<2	2.51	0.6	23	13	195	5.53	10
E799018	7.50	0.03	<0.5	8.47	6	310	0.7	<2	2.89	<0.5	25	12	234	6.27	20
E799019	7.32	0.03	<0.5	8.45	5	260	0.7	3	4.22	<0.5	21	11	199	5.53	10
E799020	9.14	0.06	<0.5	8.06	<5	150	0.7	<2	4.33	<0.5	17	10	174	5.11	10
E799021	6.44	0.01	<0.5	7.16	7	170	0.5	3	5.28	<0.5	16	10	60	4.06	10
E799022	7.62	0.01	0.6	7.84	9	350	0.5	6	4.66	<0.5	19	11	51	4.67	10



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793423	0.61	10	0.02	<5	1	0.13	6	550	38	>10.0	<5	12	384	<20	0.19
E793424	0.79	10	0.04	7	3	0.08	8	640	37	>10.0	5	13	320	<20	0.18
E793425	0.64	<10	0.05	<5	2	0.08	5	640	25	>10.0	5	14	306	<20	0.23
E793426	0.24	10	0.01	9	2	0.11	3	600	35	>10.0	<5	12	574	<20	0.27
E793427	0.62	10	0.01	6	2	0.25	7	610	61	>10.0	<5	6	582	<20	0.23
E799001	0.61	10	1.89	454	1	2.54	22	960	4	0.43	<5	20	825	<20	0.45
E799002	0.54	10	1.68	810	<1	1.72	16	1030	11	4.18	6	20	663	<20	0.43
E799003	0.68	10	1.55	710	<1	2.46	6	1020	12	1.52	7	21	707	<20	0.56
E799004	0.74	10	1.56	272	<1	3.34	<1	1010	6	0.55	<5	18	589	<20	0.44
E799005	0.83	10	1.64	298	1	2.54	<1	920	4	1.26	<5	17	669	<20	0.40
E799006	1.09	10	1.82	391	1	1.65	<1	850	3	1.34	<5	22	773	<20	0.35
E799007	0.84	10	2.14	444	1	2.02	21	830	5	3.40	5	19	520	<20	0.35
E799008	0.73	10	2.58	415	<1	1.95	27	740	9	3.06	<5	22	455	<20	0.31
E799009	1.04	<10	2.42	458	<1	1.97	19	860	9	5.23	<5	21	544	<20	0.29
E799010	0.33	10	2.48	1030	<1	2.05	21	800	16	3.52	<5	21	630	<20	0.39
E799011	0.90	10	1.54	221	2	0.99	12	710	11	4.19	7	21	756	<20	0.29
E799012	1.96	10	1.56	251	6	0.53	2	670	3	4.11	<5	18	243	<20	0.21
E799013	1.56	30	0.87	892	3	0.35	28	930	171	0.35	499	10	230	<20	0.26
E799014	1.85	10	1.74	325	9	0.76	10	720	7	5.19	6	17	325	<20	0.20
E799015	0.48	10	2.10	898	9	2.11	8	800	7	1.50	<5	20	848	<20	0.31
E799016	1.22	10	1.68	360	7	1.88	9	820	10	2.04	<5	21	497	<20	0.27
E799017	1.09	10	1.85	221	8	1.84	4	770	4	1.96	<5	21	427	<20	0.31
E799018	0.52	10	1.82	780	13	2.20	7	850	9	2.34	5	20	749	<20	0.34
E799019	0.29	10	1.88	627	7	2.56	7	810	7	2.85	<5	20	545	<20	0.41
E799020	0.23	10	2.07	599	6	2.65	6	780	3	3.21	<5	19	503	<20	0.37
E799021	1.36	10	1.91	128	8	1.38	6	650	9	7.52	5	16	327	<20	0.21
E799022	1.93	10	1.61	166	5	0.84	4	690	<2	7.64	<5	18	334	<20	0.23



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Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793423		<10	<10	145	<10	10
E793424		<10	<10	139	<10	8
E793425		<10	<10	172	<10	12
E793426		<10	<10	138	<10	3
E793427		<10	<10	123	<10	2
E799001		10	10	200	<10	48
E799002		<10	<10	202	<10	65
E799003		10	<10	222	<10	55
E799004		<10	10	148	<10	30
E799005		<10	<10	143	<10	25
E799006		<10	10	198	<10	24
E799007		<10	<10	175	<10	26
E799008		<10	<10	181	<10	39
E799009		<10	<10	179	<10	39
E799010		<10	10	174	<10	55
E799011		<10	<10	167	<10	28
E799012		<10	<10	150	<10	20
E799013		<10	<10	130	10	244
E799014		<10	<10	169	<10	31
E799015		<10	10	183	<10	53
E799016		10	<10	173	<10	30
E799017		<10	<10	180	<10	19
E799018		<10	10	179	<10	78
E799019		<10	<10	189	<10	81
E799020		<10	<10	179	<10	52
E799021		<10	<10	147	<10	26
E799022		<10	<10	161	<10	25



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## CERTIFICATE VA07026585

Project: Hushamu

P.O. No.: WRN07-01

This report is for 72 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

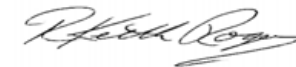
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory





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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793428	7.76	0.01	<0.5	5.55	10	80	<0.5	<2	3.21	<0.5	19	8	35	5.17	<10
E793429	3.76	0.01	<0.5	5.61	9	70	<0.5	<2	3.24	<0.5	13	12	18	3.44	<10
E793430	3.30	0.01	<0.5	5.34	7	90	<0.5	2	2.97	0.7	13	13	15	3.69	<10
E793431	7.86	0.01	<0.5	4.62	<5	70	<0.5	<2	4.30	0.7	13	12	27	4.67	<10
E793432	7.76	0.01	<0.5	5.19	<5	100	<0.5	<2	3.34	<0.5	15	12	24	4.45	<10
E793433	7.74	0.01	<0.5	5.99	<5	70	<0.5	2	2.22	<0.5	20	13	20	5.12	<10
E793434	7.84	<0.01	<0.5	7.35	<5	100	<0.5	<2	1.50	<0.5	15	15	19	4.52	<10
E793435	7.84	<0.01	<0.5	4.48	<5	110	<0.5	<2	7.50	<0.5	9	9	26	3.50	<10
E793436	7.94	<0.01	<0.5	4.33	<5	110	<0.5	<2	6.03	<0.5	14	8	28	4.68	<10
E793437	7.84	0.01	<0.5	6.52	9	50	<0.5	<2	5.24	<0.5	15	6	21	5.19	20
E793438	8.80	0.01	<0.5	5.34	9	70	<0.5	2	3.39	<0.5	16	9	16	5.23	10
E793439	7.60	0.01	<0.5	7.33	7	50	<0.5	<2	2.71	<0.5	21	12	21	6.54	<10
E793440	7.80	0.01	<0.5	7.60	24	80	<0.5	4	3.41	<0.5	17	9	24	5.07	<10
E793441	7.84	0.01	<0.5	7.76	6	80	<0.5	<2	2.06	<0.5	26	8	25	6.11	10
E793442	8.20	0.04	<0.5	6.05	9	50	<0.5	<2	4.31	<0.5	20	8	41	6.41	10
E793443	0.12	0.01	<0.5	0.06	<5	10	<0.5	<2	0.02	<0.5	<1	1	1	0.03	<10
E793444	7.92	0.01	<0.5	5.20	17	60	<0.5	<2	4.05	<0.5	20	7	19	5.54	10
E793445	7.92	0.01	<0.5	4.56	16	40	<0.5	3	4.91	<0.5	16	7	24	4.86	10
E793446	7.86	0.01	<0.5	7.16	9	50	0.5	2	4.22	<0.5	18	7	42	4.84	20
E793447	7.92	0.01	<0.5	7.42	20	40	<0.5	3	4.57	<0.5	17	6	26	5.19	10
E793448	7.66	0.01	<0.5	7.09	16	50	<0.5	3	5.19	<0.5	14	7	26	4.78	20
E793449	7.78	0.01	<0.5	8.07	21	70	0.6	5	3.64	<0.5	17	8	45	5.53	10
E793450	7.64	0.01	<0.5	7.17	6	140	0.5	2	3.87	0.5	16	8	50	4.71	10
E793451	4.56	0.01	<0.5	8.36	19	180	0.7	5	2.42	<0.5	17	7	147	5.10	20
E793452	2.82	0.01	<0.5	8.47	24	110	0.6	<2	2.72	<0.5	18	7	56	5.22	10
E793453	7.48	<0.01	<0.5	8.47	7	210	0.6	<2	4.49	<0.5	19	8	58	5.11	10
E793454	6.20	<0.01	<0.5	8.33	12	1340	0.5	<2	3.71	<0.5	18	6	56	5.15	10
E793455	8.90	0.01	<0.5	7.42	<5	70	0.5	3	3.92	<0.5	18	5	38	4.88	10
E793456	7.94	<0.01	<0.5	7.96	11	380	0.6	2	3.66	0.5	20	6	81	5.37	20
E793457	7.84	0.01	<0.5	8.18	<5	490	0.7	4	3.48	<0.5	14	7	57	4.87	10
E793458	2.68	0.01	<0.5	8.09	6	460	0.7	<2	2.84	0.6	17	8	59	5.06	20
E793459	8.24	<0.01	<0.5	8.93	6	370	0.5	<2	4.85	<0.5	25	14	72	6.11	10
E793460	4.00	0.01	<0.5	7.97	30	400	0.7	2	3.44	0.8	16	8	80	5.00	10
E793461	7.52	0.01	<0.5	8.22	16	260	0.7	<2	3.08	0.6	18	8	50	5.02	20
E793462	4.96	0.01	<0.5	7.86	23	100	0.8	5	3.03	<0.5	17	6	35	5.11	20
E793463	6.88	0.01	<0.5	8.35	<5	590	0.6	3	3.97	<0.5	19	9	53	5.54	20
E793464	5.10	0.01	<0.5	7.77	20	130	0.6	4	3.13	<0.5	18	7	51	5.17	10
E793465	5.46	<0.01	<0.5	6.11	17	170	<0.5	<2	2.79	<0.5	17	8	15	3.96	<10
E793466	7.82	<0.01	<0.5	7.51	28	180	<0.5	<2	2.38	<0.5	18	7	9	3.60	10
E799023	4.24	0.01	<0.5	7.03	21	270	0.6	<2	4.11	<0.5	22	23	74	4.74	10



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793428	0.40	<10	0.01	17	3	0.23	5	510	65	10.0	<5	5	403	<20	0.19
E793429	0.43	<10	0.01	20	4	0.24	3	480	80	8.27	<5	6	521	<20	0.27
E793430	0.42	10	0.01	18	4	0.24	3	500	71	8.26	5	6	505	<20	0.28
E793431	0.39	<10	0.01	21	6	0.21	3	520	63	>10.0	<5	3	620	<20	0.21
E793432	0.37	<10	0.01	16	5	0.24	4	580	56	9.26	<5	3	777	<20	0.16
E793433	0.29	10	0.01	24	5	0.18	4	630	59	8.72	<5	3	726	<20	0.19
E793434	0.51	10	0.01	13	2	0.20	4	630	61	7.61	<5	6	711	<20	0.17
E793435	0.32	<10	0.01	13	3	0.15	2	440	52	>10.0	7	6	654	<20	0.21
E793436	0.30	<10	0.01	10	1	0.23	4	610	84	>10.0	<5	7	611	<20	0.18
E793437	0.45	<10	0.26	14	3	0.05	4	620	31	>10.0	<5	12	322	<20	0.20
E793438	0.21	<10	0.01	13	2	0.14	5	580	38	9.51	<5	6	391	<20	0.20
E793439	0.33	10	0.01	10	2	0.21	4	560	53	>10.0	<5	9	534	<20	0.21
E793440	0.31	10	0.01	9	2	0.21	3	600	44	9.61	<5	6	700	<20	0.20
E793441	0.18	10	0.02	8	1	0.10	5	680	28	9.02	<5	9	455	<20	0.17
E793442	0.20	<10	0.01	8	1	0.15	4	690	27	>10.0	<5	9	468	<20	0.34
E793443	<0.01	<10	<0.01	<5	<1	<0.01	<1	20	2	0.03	<5	<1	3	<20	0.01
E793444	0.22	<10	0.02	13	1	0.17	2	580	44	>10.0	5	7	330	<20	0.19
E793445	0.26	<10	0.02	10	2	0.12	1	570	31	>10.0	5	7	271	<20	0.23
E793446	1.02	<10	0.95	75	3	0.12	4	620	22	9.32	6	17	292	<20	0.26
E793447	0.95	10	0.50	33	5	0.15	3	700	25	9.82	<5	16	311	<20	0.27
E793448	1.53	<10	0.46	39	2	0.18	2	670	35	>10.0	<5	18	364	<20	0.35
E793449	0.84	10	1.27	91	2	0.25	2	700	15	9.02	5	18	240	<20	0.33
E793450	0.69	10	1.14	107	5	0.24	2	630	12	8.39	<5	15	272	<20	0.33
E793451	1.07	10	2.04	366	2	0.22	2	640	10	7.03	<5	20	143	<20	0.37
E793452	0.37	10	2.82	1105	1	2.89	6	820	<2	1.60	<5	19	301	<20	0.45
E793453	0.42	10	2.52	1265	1	2.06	3	780	<2	0.65	<5	19	313	<20	0.42
E793454	0.43	10	2.14	1195	1	3.34	4	810	4	1.03	<5	18	408	<20	0.44
E793455	2.17	<10	1.36	156	1	0.28	2	580	9	8.56	<5	20	149	<20	0.34
E793456	0.55	10	2.34	1470	1	2.11	1	600	9	5.22	<5	23	412	<20	0.47
E793457	0.75	10	1.98	2120	<1	2.21	1	660	14	3.72	<5	20	423	<20	0.44
E793458	1.12	10	2.25	1200	1	1.72	2	690	12	4.02	<5	21	283	<20	0.44
E793459	0.48	<10	2.74	1270	1	3.05	11	730	<2	0.44	6	26	526	<20	0.51
E793460	0.92	10	2.15	1385	3	1.35	2	700	17	4.17	<5	20	245	<20	0.45
E793461	1.20	10	2.05	1115	2	1.04	2	710	15	4.90	<5	20	220	<20	0.43
E793462	1.85	10	1.96	445	2	0.71	2	640	10	6.88	6	20	160	<20	0.37
E793463	0.50	10	2.32	1275	<1	2.74	4	810	5	0.23	<5	23	505	<20	0.48
E793464	1.22	10	2.47	1105	2	0.87	6	640	9	5.11	<5	20	377	<20	0.43
E793465	0.08	<10	0.05	27	1	0.05	3	640	28	6.82	<5	3	998	<20	0.21
E793466	0.03	10	0.03	25	1	0.06	3	690	26	6.05	<5	5	738	<20	0.23
E799023	1.28	<10	1.80	236	9	1.77	15	730	4	5.89	<5	16	343	<20	0.25



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793428		<10	<10	117	<10	4
E793429		10	<10	115	<10	3
E793430		10	<10	118	<10	3
E793431		<10	<10	102	<10	3
E793432		<10	<10	110	<10	39
E793433		10	<10	121	<10	3
E793434		<10	<10	133	<10	3
E793435		10	<10	113	<10	3
E793436		<10	<10	119	<10	3
E793437		<10	<10	146	<10	7
E793438		<10	<10	129	<10	3
E793439		<10	<10	148	10	5
E793440		<10	<10	106	<10	17
E793441		<10	<10	144	<10	5
E793442		<10	<10	199	<10	4
E793443		<10	<10	<1	<10	3
E793444		<10	<10	133	<10	5
E793445		<10	<10	148	<10	5
E793446		<10	<10	160	10	20
E793447		<10	<10	159	<10	19
E793448		<10	<10	158	<10	36
E793449		<10	<10	161	<10	40
E793450		<10	<10	152	<10	57
E793451		<10	<10	177	<10	78
E793452		<10	<10	159	10	60
E793453		<10	<10	156	<10	60
E793454		<10	10	155	<10	61
E793455		<10	<10	185	<10	50
E793456		<10	<10	216	<10	110
E793457		<10	<10	179	<10	114
E793458		<10	<10	174	<10	109
E793459		<10	<10	235	<10	76
E793460		<10	<10	172	10	156
E793461		<10	<10	172	<10	116
E793462		<10	<10	157	<10	50
E793463		<10	<10	188	10	70
E793464		<10	<10	171	<10	104
E793465		<10	<10	99	<10	5
E793466		<10	<10	109	<10	3
E799023		<10	<10	171	<10	29



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## CERTIFICATE OF ANALYSIS VA07026585

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E799024		5.00	0.01	<0.5	8.02	<5	290	0.5	<2	5.26	<0.5	13	14	79	4.14	10
E799025		6.66	0.02	<0.5	7.86	11	270	0.5	<2	5.01	<0.5	19	26	193	4.78	10
E799026		8.66	0.02	<0.5	7.51	20	340	<0.5	<2	5.68	<0.5	23	39	167	5.30	10
E799027		7.64	0.02	<0.5	7.97	7	140	<0.5	<2	4.45	<0.5	22	44	209	4.90	10
E799028		8.60	0.03	<0.5	7.62	20	80	0.5	<2	4.81	<0.5	21	22	97	5.05	20
E799029		8.04	0.01	<0.5	7.71	19	60	0.6	3	3.85	<0.5	23	40	154	5.81	20
E799030		8.46	0.02	<0.5	7.49	5	80	<0.5	3	4.10	<0.5	17	14	45	3.82	10
E799031		3.26	0.01	<0.5	7.10	<5	110	0.5	<2	6.02	<0.5	17	12	24	4.31	10
E799032		3.46	0.02	<0.5	7.01	6	160	<0.5	<2	5.82	<0.5	18	13	29	4.29	10
E799033		7.42	0.06	<0.5	7.58	<5	130	0.5	<2	3.90	0.7	23	11	180	6.64	20
E799034		7.36	0.10	<0.5	7.93	26	150	0.6	<2	4.47	0.8	23	11	466	6.82	20
E799035		7.16	0.01	<0.5	8.69	9	200	0.6	2	5.18	<0.5	24	11	127	6.02	20
E799036		6.82	0.03	<0.5	8.97	<5	160	0.6	<2	4.58	0.6	28	11	206	6.50	20
E799037		7.02	0.04	<0.5	8.08	<5	210	0.5	3	4.95	<0.5	21	12	143	5.42	10
E799038		7.10	0.03	<0.5	7.88	<5	310	0.5	<2	5.28	<0.5	20	6	203	5.82	10
E799039		6.76	0.03	<0.5	7.95	6	260	0.5	2	5.30	<0.5	21	5	196	6.00	10
E799040		7.00	0.01	<0.5	8.13	9	260	0.5	4	5.48	0.5	19	12	147	5.32	10
E799041		5.16	0.01	<0.5	7.66	<5	180	0.5	3	4.66	<0.5	22	10	124	5.76	10
E799042		9.04	0.01	<0.5	6.96	<5	70	0.5	<2	4.97	<0.5	17	18	64	4.75	10
E799043		6.92	0.01	<0.5	6.91	6	90	0.5	<2	4.78	<0.5	20	18	55	4.90	20
E799044		6.88	0.01	<0.5	6.76	11	170	<0.5	<2	6.66	<0.5	15	16	40	3.82	10
E799045		0.10	<0.01	<0.5	0.05	<5	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10
E799046		7.02	<0.01	<0.5	7.24	8	100	0.5	<2	4.62	<0.5	18	22	76	4.81	20
E799047		8.42	<0.01	<0.5	7.40	13	160	0.5	<2	4.59	<0.5	18	20	66	4.32	10
E799048		5.94	0.01	<0.5	7.38	16	120	0.5	<2	4.83	<0.5	16	13	77	4.56	10
E799049		8.00	0.04	<0.5	7.47	8	320	0.7	<2	4.01	<0.5	15	8	215	4.42	10
E799050		8.12	0.01	<0.5	6.56	<5	170	0.6	<2	4.17	<0.5	7	7	38	2.47	10
E799051		1.42	<0.01	<0.5	7.45	<5	790	1.4	<2	3.57	<0.5	4	1	46	2.69	20
E799052		7.20	0.01	<0.5	8.00	16	180	0.7	2	4.15	<0.5	15	14	170	4.92	10
E799053		8.32	0.01	<0.5	9.34	<5	230	0.7	<2	4.44	<0.5	19	14	155	6.15	20
E799054		6.42	0.03	<0.5	9.39	<5	280	0.8	<2	3.81	<0.5	17	12	187	6.22	10
E799055		7.96	0.02	<0.5	8.89	12	160	0.6	<2	2.91	<0.5	21	10	54	5.12	10



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## CERTIFICATE OF ANALYSIS VA07026585

Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E799024	0.81	10	2.05	380	3	1.39	7	510	8	3.21	<5	20	362	<20	0.31
E799025	0.86	10	2.15	512	14	1.40	12	550	<2	4.77	<5	21	398	<20	0.30
E799026	1.80	<10	2.41	365	23	0.43	22	550	8	7.60	<5	22	261	<20	0.27
E799027	1.80	<10	2.17	304	12	0.53	19	520	<2	6.38	<5	23	275	<20	0.28
E799028	1.83	10	1.84	154	7	0.90	12	610	3	7.71	<5	19	309	<20	0.24
E799029	2.44	<10	2.34	229	4	0.30	22	600	<2	8.72	6	20	158	<20	0.20
E799030	2.36	10	1.08	94	6	0.59	5	820	2	6.30	<5	16	170	<20	0.29
E799031	1.63	10	1.76	132	9	0.83	5	610	16	8.12	<5	17	238	<20	0.21
E799032	1.59	10	1.62	120	11	0.80	6	610	16	8.08	<5	17	227	<20	0.19
E799033	1.07	10	2.27	294	8	1.28	7	710	21	7.54	<5	21	302	<20	0.28
E799034	0.17	10	2.56	1150	4	2.18	3	760	36	4.39	<5	21	461	<20	0.44
E799035	0.26	10	2.48	1225	3	2.28	9	820	28	3.58	<5	23	487	<20	0.48
E799036	0.13	10	2.48	700	10	2.31	7	830	22	3.07	<5	24	510	<20	0.46
E799037	0.16	10	2.14	875	5	1.49	6	730	6	4.10	5	21	492	<20	0.43
E799038	0.24	10	1.74	978	4	1.88	5	810	5	5.09	<5	21	563	<20	0.48
E799039	0.20	10	2.17	1525	6	1.15	5	800	9	4.72	<5	21	402	<20	0.49
E799040	0.67	10	2.00	504	6	0.99	7	740	<2	6.21	<5	21	388	<20	0.37
E799041	0.97	10	1.81	353	7	1.49	8	760	5	7.39	<5	21	418	<20	0.35
E799042	1.43	<10	1.71	162	4	0.92	6	610	5	8.39	<5	20	322	<20	0.24
E799043	1.22	<10	1.94	174	4	1.01	9	590	5	8.04	<5	19	341	<20	0.20
E799044	1.04	<10	1.56	207	4	0.58	7	560	<2	7.27	<5	17	308	<20	0.24
E799045	<0.01	<10	<0.01	<5	<1	<0.01	<1	20	<2	0.01	<5	<1	1	<20	0.01
E799046	1.10	<10	1.83	232	3	1.28	10	670	4	7.29	<5	19	460	<20	0.24
E799047	0.95	<10	1.85	282	29	1.55	7	670	5	6.76	<5	20	501	<20	0.30
E799048	1.52	10	1.71	215	8	0.47	9	720	2	6.60	<5	16	241	<20	0.23
E799049	0.86	10	1.71	242	4	1.82	9	770	7	4.03	<5	14	305	<20	0.25
E799050	1.59	10	0.95	119	5	1.44	2	470	7	4.65	<5	9	191	<20	0.13
E799051	1.03	10	0.51	552	2	2.51	<1	560	6	1.20	<5	7	809	<20	0.22
E799052	0.45	10	1.90	328	4	2.91	9	790	3	4.04	<5	16	424	<20	0.30
E799053	0.31	<10	2.37	909	3	2.06	8	790	13	2.81	<5	19	615	<20	0.32
E799054	0.42	<10	2.42	1200	8	1.91	13	810	7	2.35	<5	20	583	<20	0.31
E799055	1.54	<10	1.75	263	4	0.53	7	650	<2	4.49	<5	19	222	<20	0.15



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Sample Description	Method Analyte Units LOR	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E799024		<10	<10	160	<10	27
E799025		<10	<10	178	<10	55
E799026		<10	<10	169	10	46
E799027		10	<10	183	<10	39
E799028		<10	<10	174	10	21
E799029		<10	<10	174	10	28
E799030		<10	<10	197	<10	11
E799031		<10	<10	148	<10	14
E799032		<10	<10	143	10	13
E799033		<10	<10	179	<10	29
E799034		10	10	199	<10	76
E799035		<10	<10	233	10	83
E799036		<10	10	236	<10	53
E799037		<10	<10	195	<10	81
E799038		<10	<10	202	10	71
E799039		<10	<10	219	10	119
E799040		<10	<10	200	<10	170
E799041		<10	<10	194	<10	53
E799042		<10	<10	165	<10	25
E799043		<10	<10	160	<10	22
E799044		<10	<10	141	<10	21
E799045		<10	<10	<1	<10	3
E799046		<10	<10	173	<10	28
E799047		<10	10	172	<10	33
E799048		<10	<10	132	<10	24
E799049		10	<10	121	10	23
E799050		<10	<10	67	<10	13
E799051		<10	<10	21	10	58
E799052		<10	10	141	10	39
E799053		<10	<10	179	<10	89
E799054		<10	<10	190	<10	99
E799055		<10	<10	174	<10	33



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## CERTIFICATE VA07024833

Project: Hushamu

P.O. No.: WRN07-01

This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793467	0.08	0.18	1.5	5.98	1130	3360	1.8	<2	2.13	3.0	11	115	53	3.33	10
E793468	5.98	0.02	<0.5	7.15	10	320	<0.5	<2	0.15	<0.5	11	2	24	3.05	20
E793469	3.18	0.02	<0.5	8.86	11	260	0.5	3	0.13	<0.5	15	3	43	4.51	20
E793470	5.46	0.02	<0.5	7.96	<5	300	<0.5	<2	0.12	<0.5	14	1	63	4.21	20
E793471	8.34	0.01	<0.5	6.69	<5	240	<0.5	<2	0.16	<0.5	13	1	47	3.68	10
E793472	4.78	0.02	<0.5	7.30	14	200	<0.5	2	0.16	0.7	19	1	56	4.55	10
E793473	7.96	0.03	<0.5	7.64	<5	250	<0.5	3	0.15	<0.5	13	1	74	4.03	10
E793474	2.10	0.02	<0.5	8.54	7	230	<0.5	2	0.13	<0.5	8	2	85	5.64	20
E793475	5.58	0.16	<0.5	9.35	11	520	1.0	<2	0.42	0.5	13	2	127	4.28	20
E793476	3.84	0.04	<0.5	8.43	17	260	0.9	<2	0.40	1.7	13	4	103	5.08	10
E793477	8.04	0.03	<0.5	8.24	14	280	0.8	2	0.45	1.0	15	6	205	5.48	20
E793478	3.60	0.03	<0.5	8.71	22	450	1.0	<2	0.48	0.8	11	1	191	4.26	20
E793479	2.62	0.03	<0.5	9.07	21	310	0.8	<2	0.27	0.7	14	2	121	3.19	10
E793480	0.10	<0.01	<0.5	0.08	<5	10	<0.5	<2	0.01	<0.5	<1	<1	<1	0.03	<10
E793481	2.38	0.14	<0.5	7.92	8	160	0.9	<2	0.52	<0.5	11	2	203	5.00	20
E793482	1.70	0.04	<0.5	8.99	12	340	0.5	<2	0.40	<0.5	15	3	145	5.23	10
E793483	4.72	0.04	<0.5	9.10	<5	560	0.5	<2	0.40	0.6	12	2	251	3.72	10
E793484	1.16	0.28	<0.5	8.04	<5	430	0.7	4	0.43	0.8	13	1	299	6.31	20
E793485	5.98	0.01	<0.5	8.93	<5	140	0.7	<2	0.99	<0.5	14	1	53	5.03	10
E793486	1.40	0.10	<0.5	8.61	<5	330	0.8	5	0.54	1.8	14	5	369	4.60	20
E793487	2.90	0.04	<0.5	8.16	25	330	0.7	2	0.37	1.5	17	4	260	4.26	10
E793488	2.28	0.03	<0.5	7.83	27	420	0.8	3	0.35	1.7	10	4	224	3.09	10
E793489	2.02	0.03	<0.5	8.45	60	420	0.8	<2	0.34	2.2	14	4	318	3.84	10
E793490	4.80	0.02	<0.5	8.69	<5	320	0.8	<2	0.81	1.5	16	2	87	5.17	20
E793491	2.72	<0.01	<0.5	8.77	<5	190	0.8	<2	1.49	0.9	15	<1	43	5.76	20





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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793467	1.53	30	0.90	955	6	0.31	30	930	190	0.36	503	11	229	<20	0.27
E793468	1.41	10	0.26	23	2	0.16	2	400	15	3.32	<5	9	147	<20	0.13
E793469	1.85	10	0.11	21	5	0.18	3	530	17	4.91	<5	13	241	<20	0.17
E793470	0.29	10	0.03	13	8	0.08	<1	1080	38	4.74	<5	15	329	<20	0.35
E793471	0.05	10	0.02	11	7	0.05	1	1490	77	4.28	<5	15	494	<20	0.42
E793472	0.03	10	0.01	11	11	0.05	<1	1380	69	5.17	<5	13	382	<20	0.44
E793473	0.02	20	0.01	9	27	0.05	<1	1430	72	4.68	<5	10	481	<20	0.47
E793474	0.06	10	0.02	9	14	0.09	2	1240	61	6.40	<5	15	328	<20	0.44
E793475	1.61	10	0.42	50	58	0.45	2	670	17	4.72	5	20	171	<20	0.41
E793476	0.96	10	1.64	442	21	0.74	5	710	20	4.82	<5	19	101	<20	0.34
E793477	1.40	10	1.39	231	14	1.27	8	970	24	5.90	<5	19	107	<20	0.37
E793478	1.57	10	1.61	317	12	1.79	3	980	27	3.83	<5	20	128	<20	0.34
E793479	1.30	10	2.10	224	14	1.52	4	910	28	3.39	<5	21	105	<20	0.33
E793480	0.01	<10	0.01	<5	<1	0.01	<1	10	<2	0.02	<5	<1	1	<20	0.01
E793481	0.52	10	2.23	431	4	1.70	5	890	13	4.38	<5	18	125	<20	0.34
E793482	0.90	10	1.36	245	9	1.52	2	700	9	5.41	<5	15	145	<20	0.30
E793483	1.16	10	0.94	153	12	1.71	3	930	21	3.82	<5	13	166	<20	0.29
E793484	1.32	<10	1.96	489	15	1.42	1	940	16	3.47	<5	18	106	<20	0.32
E793485	0.28	10	1.72	1070	<1	4.07	2	1000	12	0.16	<5	18	311	<20	0.43
E793486	0.99	<10	2.14	236	37	1.77	3	870	31	3.93	<5	19	143	<20	0.31
E793487	1.23	10	1.56	105	22	1.16	1	850	33	4.73	<5	18	98	<20	0.21
E793488	1.28	<10	2.10	142	17	1.97	5	790	20	3.20	<5	16	124	<20	0.22
E793489	1.33	<10	2.23	139	17	1.96	2	780	27	4.13	<5	18	120	<20	0.17
E793490	0.95	<10	1.68	883	8	3.05	1	950	11	1.34	<5	19	252	<20	0.38
E793491	0.45	10	2.53	1195	2	2.84	1	980	9	0.17	<5	20	237	<20	0.52



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07024833

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	TI	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793467		<10	<10	138	<10	261
E793468		10	<10	72	<10	12
E793469		10	<10	105	<10	12
E793470		<10	<10	106	<10	11
E793471		<10	<10	94	<10	9
E793472		<10	<10	102	<10	20
E793473		<10	<10	103	<10	10
E793474		<10	<10	127	<10	11
E793475		<10	<10	159	<10	57
E793476		<10	<10	152	<10	193
E793477		<10	<10	196	<10	108
E793478		<10	<10	168	<10	169
E793479		<10	<10	175	<10	166
E793480		<10	<10	<1	<10	2
E793481		<10	<10	176	<10	85
E793482		<10	<10	145	<10	77
E793483		<10	10	192	<10	110
E793484		<10	10	178	<10	65
E793485		10	20	123	<10	76
E793486		10	10	184	<10	147
E793487		<10	<10	148	<10	139
E793488		<10	10	161	<10	165
E793489		<10	10	156	<10	176
E793490		10	20	147	<10	139
E793491		20	10	172	<10	87



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## CERTIFICATE VA07024831

Project: Husamu

P.O. No.: WRN07-01

This report is for 56 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

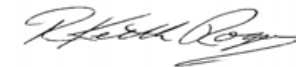
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory



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CERTIFICATE OF ANALYSIS	VA07024831
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793285	8.82	0.07	<0.5	7.11	26	210	<0.5	<2	0.09	<0.5	20	16	40	5.67	10
E793286	7.86	0.23	<0.5	7.63	19	120	<0.5	<2	0.11	<0.5	23	16	46	3.36	10
E793287	7.74	0.20	<0.5	4.78	6	180	<0.5	<2	0.10	<0.5	5	16	23	0.58	<10
E793288	7.72	0.09	<0.5	2.66	9	150	<0.5	<2	0.06	<0.5	18	56	23	1.26	<10
E793289	7.84	0.15	<0.5	3.56	14	160	<0.5	<2	0.04	<0.5	20	24	26	2.00	<10
E793290	0.08	0.03	43.5	4.53	34	620	0.6	<2	1.10	<0.5	<1	23	4460	1.48	10
E793291	7.00	0.13	<0.5	1.67	10	450	<0.5	<2	0.03	<0.5	6	24	21	1.24	<10
E793292	7.58	0.08	<0.5	5.83	32	100	<0.5	<2	0.06	<0.5	13	26	53	2.39	<10
E793293	7.66	0.09	<0.5	6.77	9	80	<0.5	<2	0.12	<0.5	13	12	45	1.72	<10
E793294	6.88	0.07	<0.5	4.18	8	170	<0.5	<2	0.07	<0.5	16	21	35	2.15	<10
E793295	6.32	0.13	<0.5	3.77	20	70	<0.5	<2	0.12	<0.5	3	31	37	2.40	<10
E793296	8.78	0.08	<0.5	3.92	10	60	<0.5	<2	0.08	<0.5	11	30	33	1.37	<10
E793297	7.30	0.08	<0.5	4.58	7	60	<0.5	<2	0.10	<0.5	6	40	24	0.87	<10
E793298	7.60	0.09	<0.5	3.50	9	50	<0.5	<2	0.07	<0.5	13	27	36	1.22	<10
E793299	7.26	0.08	<0.5	2.89	13	200	<0.5	<2	0.06	<0.5	13	39	49	1.45	<10
E793300	7.82	0.07	<0.5	5.18	12	60	<0.5	<2	0.08	<0.5	16	27	67	2.39	<10
E793301	8.02	0.09	<0.5	4.46	53	70	<0.5	<2	0.06	<0.5	16	28	114	2.83	<10
E793302	8.30	0.24	<0.5	2.76	<5	80	<0.5	<2	0.06	<0.5	11	30	39	1.48	<10
E793303	7.98	0.09	<0.5	4.04	<5	80	<0.5	<2	0.07	<0.5	13	26	53	2.59	<10
E793304	8.42	0.34	<0.5	5.99	30	100	<0.5	<2	0.19	0.7	33	18	114	4.56	<10
E793305	7.92	0.12	0.7	5.65	38	70	<0.5	<2	0.12	<0.5	18	31	96	2.55	10
E793306	7.02	0.11	<0.5	6.84	28	60	<0.5	<2	0.09	0.5	23	24	73	3.76	10
E793307	7.72	0.20	<0.5	8.00	29	100	<0.5	<2	0.08	<0.5	16	13	79	2.60	10
E793308	0.10	<0.01	<0.5	0.08	<5	10	<0.5	<2	0.01	<0.5	<1	1	1	0.02	<10
E793309	7.72	0.09	<0.5	8.48	33	330	<0.5	<2	0.09	<0.5	16	17	75	3.77	10
E793310	7.82	0.13	0.5	8.17	40	140	<0.5	2	0.09	<0.5	21	16	93	3.68	10
E793311	7.30	0.05	<0.5	3.06	<5	460	<0.5	<2	0.09	<0.5	5	9	29	0.83	<10
E793312	4.38	0.07	2.6	3.13	12	350	<0.5	<2	0.05	<0.5	13	13	40	1.37	<10
E793313	2.82	0.11	<0.5	9.71	24	360	<0.5	3	0.08	<0.5	38	18	106	3.22	<10
E793314	5.44	0.09	<0.5	11.60	48	190	<0.5	2	0.07	1.2	35	21	107	3.08	<10
E793315	5.44	0.12	<0.5	2.91	7	230	<0.5	<2	0.04	0.5	6	10	60	1.21	<10
E793316	7.46	0.07	<0.5	9.35	17	250	<0.5	<2	0.06	1.0	20	16	42	1.79	<10
E793317	3.44	0.06	<0.5	10.25	15	170	<0.5	5	0.03	1.0	23	18	34	1.61	<10
E793318	3.12	0.06	<0.5	10.20	10	260	<0.5	4	0.04	0.6	21	19	36	1.64	<10
E793319	2.94	0.03	<0.5	0.82	<5	190	<0.5	2	0.02	<0.5	<1	16	19	0.57	<10
E793320	6.16	0.04	<0.5	0.44	<5	70	<0.5	<2	0.01	<0.5	<1	18	11	0.35	<10
E793321	6.36	0.04	<0.5	0.74	<5	130	<0.5	<2	0.01	<0.5	<1	15	10	0.25	<10
E793322	5.20	0.09	<0.5	0.99	<5	90	<0.5	<2	0.03	<0.5	<1	14	11	0.27	<10
E793323	2.34	0.06	<0.5	1.40	<5	130	<0.5	<2	0.03	<0.5	<1	6	11	0.22	<10
E793324	6.98	0.05	<0.5	0.77	<5	130	<0.5	<2	0.02	<0.5	4	11	9	0.18	<10



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## CERTIFICATE OF ANALYSIS VA07024831

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793285		0.19	10	0.01	16	32	0.07	17	640	34	6.66	<5	5	165	<20	0.22
E793286		1.27	10	<0.01	11	53	0.29	11	960	146	6.77	<5	4	663	<20	0.18
E793287		0.92	10	<0.01	12	39	0.23	1	870	114	2.98	<5	3	553	<20	0.19
E793288		0.52	<10	<0.01	17	51	0.19	7	370	60	2.84	<5	2	224	<20	0.22
E793289		0.50	10	<0.01	14	102	0.15	8	310	35	3.16	5	3	158	<20	0.23
E793290		2.14	<10	0.13	231	215	1.17	6	340	67	0.66	104	1	309	<20	0.06
E793291		0.30	<10	<0.01	14	123	0.09	3	220	33	1.32	8	3	137	<20	0.24
E793292		0.53	10	<0.01	11	247	0.19	7	470	50	3.31	<5	3	268	<20	0.23
E793293		1.10	10	<0.01	10	253	0.45	5	790	121	4.52	<5	3	358	<20	0.21
E793294		0.70	10	<0.01	11	276	0.28	7	450	69	3.53	9	3	201	<20	0.22
E793295		0.79	10	<0.01	11	804	0.33	2	890	100	2.94	<5	3	426	<20	0.13
E793296		0.80	10	<0.01	13	69	0.38	6	500	81	4.00	<5	2	224	<20	0.20
E793297		0.97	10	<0.01	14	165	0.46	3	590	102	4.01	<5	3	314	<20	0.22
E793298		0.75	10	<0.01	13	49	0.33	5	420	83	3.72	<5	2	245	<20	0.22
E793299		0.57	10	<0.01	12	26	0.24	4	390	61	3.38	6	2	187	<20	0.16
E793300		0.68	10	<0.01	12	24	0.25	8	550	65	4.60	<5	3	137	<20	0.22
E793301		0.70	10	<0.01	12	44	0.21	8	420	60	5.04	<5	4	132	<20	0.21
E793302		0.69	10	<0.01	12	46	0.20	4	430	89	3.31	<5	4	222	<20	0.23
E793303		0.96	10	<0.01	14	41	0.26	4	520	86	5.37	5	4	218	<20	0.27
E793304		0.89	10	<0.01	10	149	0.29	16	1400	150	7.36	7	6	314	<20	0.19
E793305		0.39	10	<0.01	11	95	0.22	11	530	56	4.18	<5	7	128	<20	0.30
E793306		0.52	10	<0.01	11	54	0.24	16	570	70	5.69	7	9	165	<20	0.34
E793307		1.14	10	<0.01	10	70	0.29	12	650	123	5.84	5	8	390	<20	0.28
E793308		0.01	<10	<0.01	<5	<1	<0.01	<1	20	<2	0.02	<5	<1	3	<20	0.01
E793309		0.35	10	<0.01	8	116	0.16	9	630	82	4.54	<5	9	218	<20	0.25
E793310		0.63	10	<0.01	9	86	0.21	19	680	68	5.75	<5	11	147	<20	0.31
E793311		0.21	20	<0.01	7	46	0.09	<1	1010	186	1.29	<5	2	506	<20	0.19
E793312		0.08	20	<0.01	8	65	0.04	6	630	139	1.57	<5	1	411	<20	0.16
E793313		0.06	20	<0.01	8	74	0.05	26	850	117	3.68	<5	2	271	<20	0.24
E793314		0.06	20	<0.01	5	27	0.06	29	660	91	3.52	<5	3	175	<20	0.23
E793315		0.01	20	<0.01	7	71	0.01	3	460	82	1.04	<5	2	240	<20	0.23
E793316		0.01	20	<0.01	8	82	0.04	11	730	154	1.93	<5	3	255	<20	0.34
E793317		0.01	10	<0.01	7	185	0.05	14	480	178	1.74	<5	3	258	<20	0.21
E793318		0.01	20	<0.01	7	194	0.05	12	520	195	1.79	7	3	285	<20	0.22
E793319		<0.01	10	<0.01	11	208	<0.01	<1	290	69	0.12	<5	1	233	<20	0.20
E793320		<0.01	<10	<0.01	10	180	<0.01	1	70	19	0.02	<5	1	59	<20	0.17
E793321		<0.01	<10	<0.01	9	104	<0.01	<1	150	53	0.04	<5	1	151	<20	0.19
E793322		<0.01	<10	<0.01	9	165	<0.01	<1	300	71	0.04	<5	1	157	<20	0.17
E793323		0.01	10	<0.01	6	104	<0.01	<1	370	68	0.06	<5	1	288	<20	0.20
E793324		0.01	<10	<0.01	7	72	<0.01	1	230	34	0.11	<5	1	146	<20	0.18



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793285		<10	<10	75	<10	7
E793286		<10	<10	53	<10	8
E793287		<10	<10	24	<10	8
E793288		<10	<10	14	<10	31
E793289		<10	<10	23	<10	28
E793290		<10	<10	25	<10	67
E793291		<10	<10	19	<10	37
E793292		<10	<10	45	<10	11
E793293		<10	<10	34	<10	17
E793294		<10	<10	24	<10	13
E793295		<10	<10	24	<10	8
E793296		<10	<10	18	<10	8
E793297		<10	<10	23	10	10
E793298		<10	<10	21	<10	18
E793299		<10	<10	16	<10	10
E793300		10	<10	35	<10	7
E793301		<10	<10	43	<10	14
E793302		<10	<10	27	<10	11
E793303		<10	<10	40	<10	12
E793304		<10	<10	70	<10	4
E793305		<10	<10	73	<10	6
E793306		<10	<10	133	<10	7
E793307		<10	<10	85	<10	7
E793308		<10	<10	<1	<10	3
E793309		<10	<10	130	<10	7
E793310		<10	<10	119	<10	6
E793311		<10	<10	30	<10	7
E793312		<10	<10	22	<10	12
E793313		<10	<10	57	<10	8
E793314		<10	<10	81	<10	4
E793315		<10	<10	31	<10	6
E793316		<10	<10	74	<10	11
E793317		<10	<10	62	<10	6
E793318		<10	<10	59	<10	5
E793319		<10	<10	12	<10	17
E793320		<10	<10	9	<10	15
E793321		<10	<10	11	<10	9
E793322		<10	<10	13	<10	15
E793323		<10	<10	18	<10	12
E793324		<10	<10	14	<10	16



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793325	6.60	0.06	<0.5	0.83	<5	80	<0.5	<2	0.03	<0.5	1	14	4	0.13	<10
E793326	4.18	0.15	<0.5	3.40	29	370	<0.5	<2	0.12	0.5	6	9	61	0.83	<10
E793327	7.54	0.41	<0.5	12.35	48	180	<0.5	<2	0.06	1.2	14	10	232	1.10	10
E793328	5.74	0.25	<0.5	12.10	32	170	<0.5	5	0.06	1.1	15	11	177	1.60	10
E793329	6.84	0.10	<0.5	8.71	11	110	<0.5	3	0.06	0.8	7	9	54	1.00	<10
E793330	6.88	3.07	<0.5	8.24	77	120	<0.5	3	0.06	0.8	9	14	91	2.14	10
E793331	7.02	0.54	<0.5	8.27	<5	150	<0.5	5	0.05	0.8	13	12	59	1.68	10
E793332	6.94	0.54	<0.5	7.82	<5	110	<0.5	3	0.05	0.9	11	8	115	1.16	10
E793333	6.86	1.76	<0.5	11.65	7	110	<0.5	4	0.06	1.3	18	9	295	2.63	20
E793334	6.92	1.70	<0.5	9.90	<5	230	<0.5	3	0.06	0.8	22	10	221	2.69	10
E793335	7.32	0.41	<0.5	7.97	7	110	<0.5	<2	0.05	1.0	26	7	237	3.39	20
E793336	7.28	1.21	<0.5	9.77	<5	60	<0.5	3	0.06	1.3	18	16	309	2.53	10
E793337	0.08	0.17	1.0	6.30	1300	3500	1.9	<2	2.26	3.3	11	112	56	3.59	10
E793338	7.16	0.49	<0.5	10.30	13	50	<0.5	<2	0.07	0.9	23	8	357	1.36	10
E793339	7.18	0.24	<0.5	8.32	20	40	<0.5	5	0.09	1.1	26	5	216	2.06	10
E793340	6.18	0.54	<0.5	9.34	18	70	<0.5	7	0.05	0.6	24	5	1300	1.43	10



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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793325	0.01	<10	<0.01	6	203	<0.01	<1	290	37	0.08	<5	1	183	<20	0.15
E793326	0.01	20	<0.01	6	165	0.01	3	1340	111	0.92	<5	2	643	<20	0.28
E793327	0.01	10	0.01	<5	376	0.01	15	880	5	1.22	<5	6	356	<20	0.45
E793328	0.01	20	0.01	<5	217	0.02	11	790	9	1.60	<5	7	263	<20	0.35
E793329	0.01	20	0.01	5	300	0.02	3	620	12	0.89	<5	5	166	<20	0.27
E793330	0.01	20	0.01	8	381	0.02	9	540	22	2.05	<5	8	143	<20	0.32
E793331	0.01	10	0.01	6	514	0.03	9	460	15	1.73	<5	9	86	<20	0.28
E793332	0.01	20	0.01	6	546	0.03	8	420	10	1.12	<5	12	82	<20	0.30
E793333	0.09	10	0.03	6	598	0.02	9	550	3	1.91	<5	18	38	<20	0.33
E793334	0.02	20	0.02	5	389	0.03	11	710	18	2.76	<5	14	100	<20	0.30
E793335	0.01	20	0.01	<5	195	0.02	12	530	19	3.62	<5	14	123	<20	0.28
E793336	0.01	10	0.01	5	431	0.04	7	510	6	2.66	<5	14	68	<20	0.33
E793337	1.80	30	0.99	1005	6	0.34	32	1020	183	0.39	525	12	247	<20	0.29
E793338	0.01	20	0.01	5	963	0.05	7	650	10	1.39	<5	12	76	<20	0.45
E793339	0.01	20	0.01	7	131	0.03	6	650	8	2.09	<5	13	69	<20	0.30
E793340	<0.01	30	0.01	6	182	0.02	12	670	11	1.23	<5	22	114	<20	0.45





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Project: Husamu

## CERTIFICATE OF ANALYSIS VA07024831

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
E793325		<10	<10	11	<10	10
E793326		<10	<10	45	10	10
E793327		<10	<10	143	10	9
E793328		<10	<10	140	10	11
E793329		<10	<10	109	20	23
E793330		<10	<10	158	30	26
E793331		<10	<10	131	20	22
E793332		<10	<10	143	20	23
E793333		<10	<10	234	10	24
E793334		<10	<10	234	<10	23
E793335		<10	<10	234	10	18
E793336		<10	<10	305	<10	22
E793337		<10	<10	151	10	257
E793338		<10	<10	311	10	25
E793339		<10	<10	236	<10	33
E793340		<10	<10	360	<10	23



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## CERTIFICATE VA07021959

Project: Hushamu

P.O. No.: WRN07-01

This report is for 82 Crushed Rock samples submitted to our lab in Vancouver, BC, Canada on 6-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
PUL-QC	Pulverizing QC Test

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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## CERTIFICATE OF ANALYSIS VA07021959

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
BEACH-03-01 6-15		2.70	<0.01	<0.5	12.60	48	290	0.5	<2	1.16	0.7	25	2	68	3.24	20
BEACH-03-01 15-25		4.08	0.01	<0.5	12.25	41	280	0.5	<2	0.46	0.9	14	2	52	2.80	20
BEACH-03-01 25-35		5.54	<0.01	<0.5	11.85	33	380	0.5	<2	0.40	3.6	13	2	66	3.10	20
BEACH-03-01 35-45		5.12	<0.01	<0.5	10.45	38	610	0.9	<2	0.89	<0.5	25	1	48	3.58	20
BEACH-03-01 45-52		3.76	<0.01	<0.5	11.00	5	410	1.0	<2	0.92	<0.5	8	2	38	1.69	20
BEACH-03-01 52-60		3.46	<0.01	<0.5	9.40	6	350	1.0	<2	1.36	<0.5	8	1	44	2.97	20
BEACH-03-02 0-10		2.56	<0.01	<0.5	8.27	407	210	<0.5	<2	0.27	<0.5	8	3	19	13.20	40
BEACH-03-02 10-20		3.82	<0.01	<0.5	5.35	117	290	<0.5	<2	0.61	<0.5	4	5	11	7.60	30
BEACH-03-02 20-30		3.72	<0.01	<0.5	4.70	64	150	<0.5	<2	0.94	<0.5	4	3	12	4.45	20
BEACH-03-02 30-40		3.44	<0.01	<0.5	5.27	34	280	<0.5	<2	1.33	<0.5	1	3	9	4.93	30
BEACH-03-02 40-50		4.16	<0.01	<0.5	2.96	49	210	<0.5	<2	0.39	<0.5	3	3	15	3.11	20
BEACH-03-02 50-60		4.42	<0.01	<0.5	11.75	15	540	0.9	<2	1.16	<0.5	4	3	24	3.21	20
BEACH-03-03 0-10		1.68	<0.01	<0.5	0.92	18	40	<0.5	<2	0.36	0.6	<1	2	10	10.55	10
BEACH-03-03 10-20		0.72	<0.01	<0.5	1.45	26	30	<0.5	<2	1.43	<0.5	<1	3	19	6.25	10
BEACH-03-03 20-30		1.76	<0.01	<0.5	1.15	26	30	<0.5	<2	0.52	<0.5	3	5	10	3.01	10
P100-03-39 0-5		1.18	<0.01	<0.5	4.74	<5	1540	<0.5	<2	0.07	<0.5	1	4	12	0.32	30
P100-03-39 5-10		1.46	<0.01	<0.5	2.85	<5	1360	<0.5	<2	0.06	<0.5	1	7	15	0.46	20
P100-03-39 10-15		1.90	<0.01	<0.5	2.84	<5	1290	<0.5	<2	0.07	<0.5	<1	4	9	0.36	20
P100-03-39 15-20		0.76	<0.01	<0.5	3.84	<5	2270	<0.5	<2	0.12	<0.5	2	12	16	0.82	20
P100-03-39 20-25		1.08	0.01	<0.5	7.20	9	1730	<0.5	<2	0.10	<0.5	1	10	15	0.54	40
P100-03-39 25-30		1.36	<0.01	<0.5	7.40	12	950	<0.5	<2	0.06	<0.5	<1	10	26	0.75	40
P100-03-39 30-35		1.24	<0.01	<0.5	6.03	14	1130	<0.5	<2	0.12	1.8	1	9	37	1.14	30
P100-03-39 35-40		1.52	<0.01	0.5	6.55	8	610	<0.5	<2	0.16	9.6	2	8	25	1.07	30
P100-03-39 40-45		1.00	<0.01	<0.5	10.40	10	1170	<0.5	<2	0.07	<0.5	1	7	10	0.17	30
P100-03-39 45-50		1.38	<0.01	<0.5	3.24	5	640	<0.5	<2	0.04	<0.5	1	6	22	0.24	10
P100-03-40 0-5		1.70	<0.01	<0.5	2.37	<5	1290	<0.5	<2	0.10	4.7	1	3	8	0.21	10
P100-03-40 5-10		1.82	<0.01	<0.5	4.01	<5	1940	<0.5	2	0.10	1.9	2	6	9	0.16	20
P100-03-40 10-15		1.76	<0.01	<0.5	5.14	9	1960	<0.5	<2	0.09	<0.5	2	11	7	0.20	30
P100-03-40 15-20		2.00	<0.01	<0.5	1.30	14	1360	<0.5	10	0.09	<0.5	1	5	11	0.20	10
P100-03-40 20-25		1.66	<0.01	<0.5	3.24	23	1880	<0.5	5	0.10	<0.5	1	4	120	0.54	20
P100-03-40 25-30		1.90	<0.01	<0.5	9.03	6	1010	<0.5	5	0.09	<0.5	<1	1	88	2.13	80
P100-03-40 30-35		1.84	<0.01	<0.5	12.05	13	1890	<0.5	5	0.18	<0.5	2	1	111	5.76	120
P100-03-40 35-40		2.10	<0.01	<0.5	13.10	12	1630	<0.5	4	0.11	<0.5	2	4	73	1.76	90
P100-03-40 40-45		2.18	0.01	<0.5	12.85	14	1270	<0.5	<2	0.09	<0.5	1	1	80	3.17	110
P100-03-40 45-50		2.46	<0.01	0.5	11.65	16	1360	<0.5	8	0.11	0.5	1	2	159	1.41	70
P100-03-41 0-5		2.02	<0.01	<0.5	1.69	5	1570	<0.5	<2	0.07	<0.5	1	6	12	0.45	10
P100-03-41 5-10		1.56	<0.01	<0.5	2.44	<5	970	<0.5	<2	0.05	<0.5	<1	3	6	0.19	10
P100-03-41 10-15		1.98	<0.01	<0.5	1.90	<5	1040	<0.5	<2	0.05	<0.5	<1	5	5	0.14	10
P100-03-41 15-20		1.94	0.01	<0.5	5.58	5	2040	<0.5	<2	0.09	<0.5	<1	13	6	0.18	30
P100-03-41 20-25		1.70	<0.01	<0.5	7.46	27	3180	<0.5	<2	0.10	<0.5	1	18	28	0.26	30



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North Vancouver BC V7J 2C1  
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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
BEACH-03-01 6-15		0.11	10	0.17	225	1	0.04	7	240	14	1.99	<5	22	248	<20	0.55
BEACH-03-01 15-25		0.07	10	0.11	60	4	0.05	3	580	6	1.80	<5	23	227	<20	0.49
BEACH-03-01 25-35		0.11	10	0.10	39	4	0.07	3	500	12	2.33	<5	23	229	<20	0.46
BEACH-03-01 35-45		0.38	10	0.17	114	1	0.10	6	380	14	2.86	<5	18	269	<20	0.40
BEACH-03-01 45-52		0.57	10	0.20	89	<1	0.13	2	330	4	0.21	<5	19	277	<20	0.40
BEACH-03-01 52-60		1.10	10	0.29	173	<1	0.13	4	120	9	0.05	<5	16	236	<20	0.40
BEACH-03-02 0-10		0.03	20	0.37	256	6	0.02	2	1070	57	0.28	<5	24	192	<20	1.04
BEACH-03-02 10-20		0.03	20	0.21	209	7	0.02	<1	980	28	0.19	<5	16	255	<20	1.11
BEACH-03-02 20-30		0.02	20	0.12	223	5	0.02	<1	830	14	0.19	<5	12	142	<20	0.97
BEACH-03-02 30-40		0.02	20	0.13	289	4	0.02	<1	980	16	0.29	<5	13	213	<20	0.99
BEACH-03-02 40-50		0.02	10	0.08	92	6	0.02	1	680	15	0.22	<5	10	147	<20	0.94
BEACH-03-02 50-60		0.42	20	0.14	170	1	0.07	3	940	16	0.09	<5	28	455	<20	1.00
BEACH-03-03 0-10		0.02	<10	0.11	2420	7	0.02	1	1280	94	0.06	<5	7	22	<20	0.91
BEACH-03-03 10-20		0.01	<10	0.10	920	3	0.02	1	1680	55	0.07	<5	8	24	<20	0.95
BEACH-03-03 20-30		0.02	10	0.06	116	2	0.02	3	130	33	0.05	<5	6	27	<20	0.83
P100-03-39 0-5		0.06	50	<0.01	16	3	0.02	<1	1390	41	0.16	<5	15	738	20	0.40
P100-03-39 5-10		0.04	50	0.01	23	7	0.01	1	1190	31	0.14	5	14	675	20	0.40
P100-03-39 10-15		0.04	50	<0.01	18	8	0.01	<1	1310	28	0.16	<5	13	743	20	0.39
P100-03-39 15-20		0.06	80	0.02	39	15	0.03	<1	2150	46	0.22	<5	16	1160	20	0.38
P100-03-39 20-25		0.07	60	0.03	29	7	0.04	3	1570	38	0.17	<5	15	899	20	0.48
P100-03-39 25-30		0.04	50	0.01	24	4	0.03	3	1070	29	0.12	<5	14	595	20	0.46
P100-03-39 30-35		0.08	50	0.02	48	3	0.03	5	1170	44	0.14	8	16	649	20	0.46
P100-03-39 35-40		0.04	30	0.02	43	2	0.03	4	630	65	0.14	5	14	281	<20	0.42
P100-03-39 40-45		0.04	60	0.01	16	2	0.04	4	1300	45	0.11	7	16	714	20	0.55
P100-03-39 45-50		0.03	30	0.01	11	3	0.01	1	710	17	0.07	<5	13	387	20	0.43
P100-03-40 0-5		0.04	70	<0.01	17	4	0.02	1	1240	63	0.17	<5	15	775	20	0.56
P100-03-40 5-10		0.05	170	<0.01	17	6	0.02	3	2100	67	0.21	6	23	1355	40	0.78
P100-03-40 10-15		0.04	150	0.01	18	4	0.02	3	2050	60	0.19	7	31	1295	50	1.05
P100-03-40 15-20		0.03	140	<0.01	25	10	0.01	1	1580	105	0.15	8	52	1140	70	2.17
P100-03-40 20-25		0.04	110	<0.01	19	11	0.01	4	1870	96	0.33	8	32	1100	50	1.10
P100-03-40 25-30		0.03	80	0.04	40	9	0.02	7	1310	55	0.18	<5	27	799	40	0.97
P100-03-40 30-35		0.05	90	0.09	88	7	0.03	11	2310	62	0.25	<5	22	1295	40	0.76
P100-03-40 35-40		0.06	60	0.03	36	7	0.04	12	1900	41	0.23	<5	18	1175	30	0.55
P100-03-40 40-45		0.04	50	0.06	45	3	0.03	11	1320	42	0.22	11	14	812	20	0.45
P100-03-40 45-50		0.04	50	0.03	25	4	0.03	9	1410	50	0.26	6	19	860	20	0.53
P100-03-41 0-5		0.04	60	<0.01	16	6	0.01	<1	1500	35	0.16	<5	18	930	30	0.54
P100-03-41 5-10		0.03	50	<0.01	17	5	0.01	1	930	26	0.10	<5	14	548	20	0.47
P100-03-41 10-15		0.03	50	<0.01	10	6	0.01	1	990	26	0.09	<5	13	577	20	0.43
P100-03-41 15-20		0.04	100	0.01	12	4	0.02	3	1860	50	0.18	<5	23	1040	30	0.70
P100-03-41 20-25		0.05	100	0.01	12	3	0.03	5	2190	69	0.25	5	25	1265	40	0.72



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North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: EQUITY ENGINEERING LTD.  
700 - 700 PENDER ST.  
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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
BEACH-03-01 6-15		<10	<10	174	<10	60
BEACH-03-01 15-25		<10	<10	160	10	47
BEACH-03-01 25-35		<10	<10	172	<10	118
BEACH-03-01 35-45		<10	<10	131	10	50
BEACH-03-01 45-52		<10	<10	121	<10	46
BEACH-03-01 52-60		<10	<10	112	<10	71
BEACH-03-02 0-10		<10	<10	91	<10	61
BEACH-03-02 10-20		<10	<10	106	<10	42
BEACH-03-02 20-30		<10	<10	88	<10	29
BEACH-03-02 30-40		<10	<10	91	<10	32
BEACH-03-02 40-50		<10	<10	85	<10	23
BEACH-03-02 50-60		<10	<10	106	10	106
BEACH-03-03 0-10		<10	<10	62	<10	20
BEACH-03-03 10-20		<10	<10	113	<10	15
BEACH-03-03 20-30		<10	<10	66	<10	12
P100-03-39 0-5		<10	<10	42	<10	2
P100-03-39 5-10		<10	<10	46	<10	2
P100-03-39 10-15		<10	<10	41	<10	2
P100-03-39 15-20		<10	<10	66	<10	4
P100-03-39 20-25		<10	<10	58	<10	4
P100-03-39 25-30		<10	<10	47	<10	3
P100-03-39 30-35		<10	<10	47	<10	6
P100-03-39 35-40		<10	<10	44	<10	7
P100-03-39 40-45		<10	<10	60	<10	3
P100-03-39 45-50		<10	<10	28	<10	2
P100-03-40 0-5		<10	<10	36	<10	9
P100-03-40 5-10		<10	<10	46	<10	4
P100-03-40 10-15		<10	<10	62	10	4
P100-03-40 15-20		<10	<10	69	10	3
P100-03-40 20-25		<10	<10	46	10	3
P100-03-40 25-30		<10	<10	69	10	9
P100-03-40 30-35		<10	<10	103	<10	17
P100-03-40 35-40		<10	<10	90	<10	7
P100-03-40 40-45		<10	<10	59	<10	10
P100-03-40 45-50		<10	<10	72	<10	5
P100-03-41 0-5		<10	<10	38	<10	3
P100-03-41 5-10		<10	<10	33	<10	3
P100-03-41 10-15		<10	<10	27	<10	2
P100-03-41 15-20		<10	<10	49	<10	2
P100-03-41 20-25		<10	<10	77	<10	2



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North Vancouver BC V7J 2C1  
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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
P100-03-41 25-30	2.16	<0.01	<0.5	1.55	5	680	<0.5	2	0.04	<0.5	<1	7	14	0.37	10
P100-03-41 30-35	2.64	<0.01	0.6	3.72	29	1060	<0.5	14	0.09	3.1	2	12	107	0.49	20
P100-03-41 35-40	1.96	<0.01	<0.5	13.00	34	1380	<0.5	5	0.09	<0.5	4	9	219	0.55	40
P100-03-41 40-45	2.20	<0.01	<0.5	11.20	<5	1440	<0.5	6	0.13	<0.5	1	6	175	0.58	50
P100-03-41 45-50	1.88	<0.01	0.8	6.74	8	870	<0.5	10	0.10	<0.5	2	7	220	0.28	20
P193-03-02 0-10	0.62	<0.01	<0.5	0.33	167	160	<0.5	11	0.01	<0.5	1	25	27	2.89	<10
P193-03-02 10-20	0.54	0.02	<0.5	2.23	163	3370	<0.5	11	0.14	0.6	2	63	141	9.28	10
P193-03-02 20-28	1.06	0.01	0.6	7.10	71	590	0.7	2	0.05	<0.5	16	37	109	5.15	10
P193-03-02 28-38	0.74	<0.01	8.8	7.59	40	1150	0.6	<2	0.08	1.2	3	71	61	6.45	20
P193-03-02 38-50	2.30	<0.01	1.8	8.66	17	160	0.7	<2	0.05	<0.5	30	46	263	6.71	20
P193-03-02 50-58	1.84	<0.01	0.9	8.30	14	690	1.3	<2	0.80	<0.5	21	24	113	6.33	20
P193-03-02 58-70	4.06	<0.01	0.5	9.14	<5	410	0.8	<2	2.95	<0.5	21	19	94	5.64	20
P193-03-02 70-80	3.14	<0.01	<0.5	8.51	<5	290	0.8	<2	2.88	<0.5	23	19	96	5.68	20
P193-03-02 80-90	1.46	0.01	<0.5	8.33	5	270	1.1	<2	4.51	1.2	22	15	86	5.55	10
P193-03-02 90-100	3.66	<0.01	<0.5	8.89	18	180	0.8	<2	0.40	1.5	17	21	72	6.22	20
P193 otcp	3.58	<0.01	1.0	0.40	17	280	<0.5	16	0.11	0.5	22	22	147	4.49	<10
WN-M-03-01 3-10	1.68	<0.01	<0.5	0.23	10	120	<0.5	4	0.03	<0.5	<1	22	3	0.44	<10
WN-M-03-01 10-20	2.82	<0.01	<0.5	0.14	32	180	<0.5	4	0.01	<0.5	18	29	55	2.79	<10
WN-M-03-01 20-30	3.38	<0.01	0.6	2.16	46	300	<0.5	3	0.02	<0.5	36	22	138	5.33	10
WN-M-03-01 30-40	3.86	<0.01	<0.5	9.07	70	400	<0.5	<2	0.03	<0.5	59	33	201	7.82	50
WN-M-03-01 40-50	5.38	<0.01	<0.5	7.32	27	590	<0.5	3	0.02	<0.5	69	29	221	9.73	40
WN-M-03-01 50-60	4.84	<0.01	<0.5	6.69	14	470	<0.5	<2	0.02	<0.5	76	28	173	7.49	40
WN-M-03-02 0-10	3.38	0.01	<0.5	9.46	57	230	<0.5	<2	0.06	<0.5	19	16	60	7.39	20
WN-M-03-02 10-20	4.22	<0.01	<0.5	8.30	23	230	<0.5	3	0.06	0.5	25	17	76	7.56	20
WN-M-03-02 20-30	5.04	0.01	<0.5	10.25	33	170	<0.5	4	0.08	<0.5	19	21	66	7.84	20
WN-M-03-02 30-40	4.26	<0.01	<0.5	10.40	8	230	<0.5	10	0.08	<0.5	22	21	57	6.90	20
WN-M-03-03 0-15	3.58	<0.01	<0.5	9.07	46	230	<0.5	<2	0.03	<0.5	21	22	58	8.22	30
WN-M-03-03 15-25	4.58	0.01	<0.5	7.10	32	210	<0.5	<2	0.02	<0.5	38	26	68	9.32	30
WN-M-03-03 25-35	4.70	<0.01	<0.5	8.04	172	180	<0.5	<2	0.01	<0.5	34	26	52	7.98	30
WN-M-03-03 35-45	4.36	<0.01	<0.5	1.80	32	120	<0.5	5	0.01	<0.5	31	11	56	6.27	<10
WN-M-03-03 45-55	4.40	<0.01	<0.5	0.78	48	60	<0.5	6	0.01	0.6	34	12	50	6.26	<10
WN-M-03-03 55-65	4.50	0.01	<0.5	0.92	12	120	<0.5	4	0.01	<0.5	29	13	69	4.27	<10
WN-M-03-03 65-73	3.78	<0.01	<0.5	0.74	26	130	<0.5	2	0.01	0.5	38	16	71	5.17	<10
WN-M-03-04 26-36	4.02	0.01	<0.5	8.21	29	380	<0.5	3	0.08	0.5	29	14	86	7.90	10
WN-M-03-04 36-46	3.84	<0.01	<0.5	9.52	7	340	<0.5	2	0.04	<0.5	40	19	80	5.96	20
WN-M-03-04 46-56	5.00	<0.01	<0.5	9.01	16	170	<0.5	4	0.07	0.5	30	15	83	7.51	20
WN-M-03-04 56-66	5.58	<0.01	<0.5	11.45	29	200	<0.5	<2	0.07	<0.5	43	21	47	7.28	40
WN-M-03-05 0-10	5.08	<0.01	<0.5	8.64	15	330	<0.5	2	0.02	0.7	35	18	60	5.84	20
WN-M-03-05 10-20	3.94	<0.01	<0.5	9.24	<5	340	<0.5	4	0.03	<0.5	32	16	57	6.00	20
WN-M-03-05 20-30	4.10	<0.01	<0.5	9.48	11	230	<0.5	<2	0.02	<0.5	41	18	55	6.47	20



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North Vancouver BC V7J 2C1  
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
P100-03-41 25-30	0.02	40	0.01	20	2	0.01	1	730	20	0.05	<5	16	333	20	0.57
P100-03-41 30-35	0.03	60	0.01	19	4	0.02	4	1200	50	0.21	6	25	646	30	0.87
P100-03-41 35-40	0.04	60	0.01	12	3	0.03	14	1670	55	0.29	6	22	951	30	0.69
P100-03-41 40-45	0.04	80	0.01	13	6	0.02	9	2070	51	0.23	6	23	1110	30	0.64
P100-03-41 45-50	0.04	60	0.01	9	2	0.01	10	1290	50	0.20	7	29	667	30	0.80
P193-03-02 0-10	0.01	<10	<0.01	22	240	<0.01	1	100	12	0.03	6	5	99	<20	0.40
P193-03-02 10-20	0.17	20	0.11	58	154	0.06	6	930	42	0.37	7	13	1065	<20	0.69
P193-03-02 20-28	1.28	10	0.38	50	6	0.03	11	860	23	3.41	<5	19	135	<20	0.41
P193-03-02 28-38	2.16	20	0.70	65	27	0.04	5	1100	47	1.26	<5	26	176	<20	0.57
P193-03-02 38-50	1.93	10	0.59	101	8	0.03	20	730	22	6.30	<5	32	164	<20	0.55
P193-03-02 50-58	1.79	10	1.22	407	6	0.03	13	950	14	5.60	<5	25	58	<20	0.52
P193-03-02 58-70	1.90	10	3.08	2010	1	0.68	14	1020	11	5.41	<5	26	92	<20	0.51
P193-03-02 70-80	1.85	10	2.41	1725	3	0.46	15	990	10	6.19	<5	24	55	<20	0.48
P193-03-02 80-90	1.81	10	1.73	2310	2	0.22	13	950	15	6.53	<5	24	41	<20	0.46
P193-03-02 90-100	1.25	10	0.65	159	3	0.06	14	910	26	6.93	<5	31	106	<20	0.48
P193 otcp	0.08	<10	0.01	81	18	0.04	21	100	14	3.53	7	15	36	<20	0.24
WN-M-03-01 3-10	0.01	<10	0.01	34	2	0.01	1	140	3	0.06	7	9	110	<20	0.68
WN-M-03-01 10-20	<0.01	<10	<0.01	24	5	0.01	8	110	11	1.64	8	10	65	<20	0.89
WN-M-03-01 20-30	0.01	<10	<0.01	23	6	0.01	19	440	36	4.39	<5	7	535	<20	0.37
WN-M-03-01 30-40	0.02	20	<0.01	11	4	0.05	25	1140	127	8.52	<5	7	1990	<20	0.46
WN-M-03-01 40-50	0.01	20	<0.01	22	3	0.03	59	820	105	>10.0	<5	8	1495	<20	0.52
WN-M-03-01 50-60	0.01	10	<0.01	18	5	0.03	44	720	71	8.21	<5	8	1330	<20	0.54
WN-M-03-02 0-10	0.01	20	<0.01	26	4	0.03	12	1120	31	7.80	5	16	1305	<20	0.41
WN-M-03-02 10-20	0.01	20	<0.01	37	1	0.03	15	900	44	8.38	<5	23	828	<20	0.46
WN-M-03-02 20-30	0.02	10	<0.01	11	2	0.03	12	1170	30	8.83	<5	19	964	<20	0.44
WN-M-03-02 30-40	0.02	20	<0.01	18	2	0.03	14	1270	23	7.86	<5	26	1025	<20	0.50
WN-M-03-03 0-15	0.01	10	<0.01	6	2	0.03	14	720	38	8.47	<5	10	1205	<20	0.33
WN-M-03-03 15-25	0.01	10	<0.01	11	1	0.03	16	500	56	10.0	<5	9	819	<20	0.29
WN-M-03-03 25-35	0.01	10	<0.01	7	2	0.04	13	450	47	8.53	<5	7	763	<20	0.23
WN-M-03-03 35-45	<0.01	<10	<0.01	14	2	0.01	11	170	16	6.59	<5	4	192	<20	0.23
WN-M-03-03 45-55	<0.01	<10	<0.01	12	2	0.01	13	70	8	6.62	<5	3	69	<20	0.24
WN-M-03-03 55-65	<0.01	<10	<0.01	18	2	0.01	9	70	6	4.56	6	3	95	<20	0.31
WN-M-03-03 65-73	<0.01	<10	<0.01	18	3	0.01	14	100	5	5.49	5	3	103	<20	0.22
WN-M-03-04 26-36	0.01	20	<0.01	47	2	0.03	14	1190	16	8.71	<5	19	945	<20	0.44
WN-M-03-04 36-46	0.01	20	<0.01	49	<1	0.04	17	940	25	6.75	<5	11	1355	<20	0.46
WN-M-03-04 46-56	0.02	20	<0.01	53	2	0.05	18	1410	22	8.37	<5	18	1695	20	0.40
WN-M-03-04 56-66	0.02	20	0.01	87	1	0.02	16	1290	22	8.27	<5	17	1060	<20	0.59
WN-M-03-05 0-10	0.01	10	<0.01	21	2	0.06	9	490	28	6.03	<5	10	757	<20	0.36
WN-M-03-05 10-20	0.01	20	<0.01	24	5	0.04	13	800	42	5.82	<5	14	1345	<20	0.40
WN-M-03-05 20-30	<0.01	10	<0.01	9	1	0.03	16	430	26	7.08	<5	9	802	<20	0.35



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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
P100-03-41 25-30		<10	<10	31	<10	3
P100-03-41 30-35		<10	<10	62	<10	6
P100-03-41 35-40		<10	<10	107	<10	6
P100-03-41 40-45		<10	<10	107	<10	5
P100-03-41 45-50		<10	<10	73	<10	2
P193-03-02 0-10		10	<10	22	<10	5
P193-03-02 10-20		10	<10	127	20	15
P193-03-02 20-28		<10	<10	152	<10	52
P193-03-02 28-38		<10	<10	211	40	18
P193-03-02 38-50		10	<10	215	10	38
P193-03-02 50-58		10	<10	202	10	121
P193-03-02 58-70		<10	<10	207	<10	57
P193-03-02 70-80		<10	<10	192	<10	53
P193-03-02 80-90		10	<10	180	10	201
P193-03-02 90-100		10	<10	188	<10	165
P193 otcp		<10	<10	7	<10	3
WN-M-03-01 3-10		<10	<10	41	<10	4
WN-M-03-01 10-20		<10	<10	40	<10	4
WN-M-03-01 20-30		10	<10	52	<10	8
WN-M-03-01 30-40		10	<10	146	<10	19
WN-M-03-01 40-50		20	<10	149	<10	20
WN-M-03-01 50-60		10	<10	135	<10	15
WN-M-03-02 0-10		10	<10	186	<10	9
WN-M-03-02 10-20		<10	<10	149	<10	8
WN-M-03-02 20-30		20	<10	226	<10	4
WN-M-03-02 30-40		10	<10	284	<10	6
WN-M-03-03 0-15		10	<10	175	<10	9
WN-M-03-03 15-25		10	<10	126	<10	6
WN-M-03-03 25-35		10	<10	136	<10	7
WN-M-03-03 35-45		<10	<10	22	<10	6
WN-M-03-03 45-55		10	<10	11	<10	5
WN-M-03-03 55-65		<10	<10	14	<10	2
WN-M-03-03 65-73		10	<10	11	<10	3
WN-M-03-04 26-36		10	<10	151	<10	3
WN-M-03-04 36-46		<10	<10	180	<10	6
WN-M-03-04 46-56		10	<10	200	<10	5
WN-M-03-04 56-66		10	<10	186	<10	6
WN-M-03-05 0-10		<10	<10	127	<10	<2
WN-M-03-05 10-20		<10	<10	175	<10	5
WN-M-03-05 20-30		10	<10	170	<10	2





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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07021959</b>
---

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
WN-M-03-05 30-40	4.08	<0.01	<0.5	11.20	12	310	<0.5	<2	0.01	<0.5	34	19	104	3.64	20
WN-M-03-05 40-50	3.80	<0.01	<0.5	10.05	<5	540	<0.5	<2	0.03	<0.5	30	18	86	4.48	20



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07021959</b>
---

Sample Description	Method	Analyte	Units	LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61			
					K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
					%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
					0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
WN-M-03-05 30-40					0.01	20	<0.01	<5	<1	0.04	19	540	27	4.08	<5	9	1040	<20	0.39
WN-M-03-05 40-50					0.01	20	<0.01	11	<1	0.04	18	780	18	4.98	<5	11	1095	<20	0.42



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## CERTIFICATE OF ANALYSIS VA07021959

Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Sample Description					
WN-M-03-05 30-40	<10	<10	207	<10	<2
WN-M-03-05 40-50	<10	<10	208	<10	<2



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## CERTIFICATE VA07020557

Project: Hushamu

P.O. No.: WRN07-01

This report is for 74 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 7-MAR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Keith Rogers, Executive Manager Vancouver Laboratory



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793101	8.76	0.68	<0.5	7.16	<5	430	1.2	<2	0.12	<0.5	14	9	600	5.43	10
E793102	7.60	0.63	<0.5	6.82	<5	50	1.2	<2	0.24	0.7	13	10	393	4.91	10
E793103	7.48	0.41	<0.5	6.34	<5	60	0.9	<2	0.10	<0.5	9	13	275	2.06	10
E793127	6.26	0.39	1.0	6.86	14	70	0.7	<2	0.22	0.5	28	7	1340	8.56	10
E793129	Not Recvd														
E793130	Not Recvd														
E793131	Not Recvd														
E793132	Not Recvd														
E793133	Not Recvd														
E793134	Not Recvd														
E793135	Not Recvd														
E793136	Not Recvd														
E793137	Not Recvd														
E793138	Not Recvd														
E793139	Not Recvd														
E793140	Not Recvd														
E793143	Not Recvd														
E793144	Not Recvd														
E793145	Not Recvd														
E793146	Not Recvd														
E793147	7.48	0.15	<0.5	7.04	16	120	<0.5	<2	0.15	0.5	10	8	54	2.07	10
E793148	8.40	0.19	<0.5	6.87	19	210	<0.5	<2	0.18	0.7	17	6	57	2.88	10
E793149	7.76	0.16	<0.5	7.24	20	170	<0.5	<2	0.17	0.7	15	9	50	2.59	10
E793150	Not Recvd														
E793151	Not Recvd														
E793152	Not Recvd														
E793153	7.72	0.04	<0.5	7.65	17	100	<0.5	<2	1.55	<0.5	17	6	79	6.82	10
E793154	8.08	0.03	<0.5	7.82	10	70	<0.5	<2	1.46	0.5	20	7	38	6.69	10
E793155	Not Recvd														
E793156	Not Recvd														
E793157	6.12	0.03	<0.5	8.83	16	220	<0.5	<2	1.84	<0.5	18	2	99	6.04	20
E793158	7.60	0.02	<0.5	6.87	9	230	<0.5	<2	4.18	<0.5	20	8	38	5.80	10
E793159	7.72	0.02	<0.5	6.51	10	160	<0.5	<2	3.62	<0.5	20	9	25	4.46	20
E793160	4.06	0.03	<0.5	8.84	<5	200	0.7	<2	2.67	<0.5	16	11	36	4.40	20
E793163	8.00	0.02	<0.5	9.97	8	290	0.9	<2	3.37	0.7	20	13	96	5.75	20
E793168	2.56	0.02	<0.5	5.66	<5	220	<0.5	<2	3.85	<0.5	24	12	16	6.37	10
E793169	7.70	0.02	<0.5	6.84	11	130	<0.5	<2	4.54	<0.5	17	9	36	5.10	10
E793170	7.70	0.04	<0.5	5.33	8	80	<0.5	<2	4.07	<0.5	21	12	39	5.56	20
E793171	Not Recvd														
E793172	Not Recvd														





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Project: Hushamu

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Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793101		<10	<10	222	<10	62
E793102		<10	<10	168	<10	69
E793103		<10	<10	141	<10	50
E793127		<10	<10	117	<10	88
E793129						
E793130						
E793131						
E793132						
E793133						
E793134						
E793135						
E793136						
E793137						
E793138						
E793139						
E793140						
E793143						
E793144						
E793145						
E793146						
E793147		<10	<10	120	<10	49
E793148		<10	<10	114	<10	61
E793149		<10	<10	124	<10	61
E793150						
E793151						
E793152		<10	<10	156	<10	4
E793153		<10	<10	150	<10	5
E793154						
E793155						
E793156						
E793157		<10	<10	173	<10	8
E793158		<10	<10	168	<10	34
E793159		<10	<10	196	<10	16
E793160		<10	<10	256	<10	33
E793163		<10	<10	173	<10	83
E793168		<10	<10	110	<10	25
E793169		<10	<10	144	<10	9
E793170		<10	<10	174	<10	19
E793171						
E793172						



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
Sample Description	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793175	Not Recvd														
E793176	Not Recvd														
E793178	Not Recvd														
E793179	7.64	0.01	<0.5	7.68	5	160	0.6	<2	3.98	0.7	16	10	19	4.14	10
E793180	7.48	0.01	<0.5	7.90	9	210	0.7	<2	4.09	0.8	18	12	59	4.46	20
E793181	7.58	0.01	<0.5	8.29	7	440	0.8	<2	3.93	1.3	17	13	52	4.74	20
E793182	7.28	0.01	<0.5	8.39	8	410	0.8	<2	4.13	2.5	17	13	64	4.86	20
E793183	7.36	0.02	<0.5	8.42	15	310	0.8	<2	3.73	0.5	16	6	56	4.71	20
E793184	Not Recvd														
E793185	Not Recvd														
E793187	Not Recvd														
E793188	8.20	0.01	<0.5	8.40	14	210	0.7	<2	4.29	<0.5	19	9	80	4.80	20
E793189	7.18	0.01	<0.5	8.58	9	530	0.8	<2	3.34	<0.5	19	12	59	4.95	20
E793190	7.86	0.01	<0.5	8.17	17	410	0.7	<2	3.99	0.6	16	5	45	4.45	10
E793191	8.30	0.01	<0.5	8.52	7	660	0.8	<2	3.74	<0.5	17	5	50	4.81	20
E793192	7.50	0.01	<0.5	8.45	16	620	0.8	<2	3.64	0.5	18	5	55	4.89	20
E793193	8.98	0.01	<0.5	8.49	15	470	0.7	<2	3.26	0.8	19	5	58	4.81	20
E793194	7.50	0.01	<0.5	8.08	<5	290	0.8	<2	4.03	0.6	18	5	50	4.60	20
E793195	8.00	0.01	<0.5	8.61	12	190	0.7	<2	2.69	0.7	17	3	41	4.65	20
E793196	8.46	0.01	<0.5	8.03	14	130	0.6	<2	4.36	0.8	17	4	34	4.50	20
E793197	8.06	0.02	<0.5	7.56	17	160	0.5	<2	4.68	0.6	16	4	37	4.71	10
E793198	8.02	0.01	<0.5	8.13	<5	150	<0.5	4	3.44	0.7	17	3	23	4.66	20
E793199	8.12	0.01	<0.5	7.71	6	250	<0.5	<2	3.64	<0.5	11	5	24	3.12	10
E793200	Not Recvd														
E793201	Not Recvd														
E793202	Not Recvd														
E793203	Not Recvd														
E793204	Not Recvd														
E793205	Not Recvd														
E793206	6.90	0.01	<0.5	8.35	11	430	0.7	<2	4.54	0.7	16	4	52	4.63	20
E793207	11.28	0.01	<0.5	8.49	8	340	0.7	<2	4.48	0.7	15	4	43	4.64	10
E793208	Empty Bag														
E793210	4.60	0.01	<0.5	8.81	17	260	0.7	2	3.07	0.6	18	16	40	5.19	10
E793211	6.10	0.01	<0.5	8.76	8	500	0.8	<2	3.17	0.7	17	13	60	5.23	10





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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793175															
E793176															
E793178															
E793179	1.56	10	1.17	164	3	0.25	1	610	14	8.54	6	17	182	<20	0.24
E793180	1.05	10	1.64	683	3	0.83	<1	670	25	7.39	7	17	351	<20	0.39
E793181	0.98	10	1.88	1130	3	1.35	<1	700	24	6.37	<5	18	321	<20	0.39
E793182	0.93	10	2.04	953	2	1.33	<1	690	70	7.04	8	19	309	<20	0.41
E793183	1.23	10	2.04	947	3	1.21	1	710	22	6.43	6	18	301	<20	0.39
E793184															
E793185															
E793187															
E793188	1.46	10	1.66	948	2	1.05	3	660	20	7.31	5	20	317	<20	0.40
E793189	0.65	10	2.17	1825	3	2.41	4	720	18	4.64	<5	20	402	<20	0.45
E793190	1.21	10	1.69	1445	2	1.48	1	700	23	5.27	5	18	348	<20	0.43
E793191	0.86	10	2.02	1880	1	2.07	2	740	10	3.70	6	19	407	<20	0.47
E793192	0.67	10	2.02	2120	3	1.96	2	720	20	4.47	8	19	383	<20	0.47
E793193	2.23	10	1.76	697	2	0.33	1	690	27	8.06	5	19	165	<20	0.37
E793194	1.57	10	1.73	649	2	0.22	2	640	17	8.55	6	19	180	<20	0.40
E793195	0.98	10	1.81	783	1	0.40	<1	650	17	6.96	<5	20	200	<20	0.43
E793196	0.77	10	1.14	500	2	0.26	<1	660	33	8.81	7	17	263	<20	0.40
E793197	0.76	10	0.93	381	2	0.15	1	640	28	9.48	5	16	197	<20	0.34
E793198	0.40	10	0.62	120	1	0.10	1	650	52	9.17	8	17	389	<20	0.38
E793199	1.06	10	0.79	485	2	0.40	<1	570	22	8.48	6	11	484	<20	0.35
E793200															
E793201															
E793202															
E793203															
E793204															
E793205															
E793206	0.81	10	1.82	1590	2	1.50	<1	660	22	5.82	6	19	356	<20	0.44
E793207	0.91	10	1.93	1625	2	1.04	1	640	24	5.62	6	19	325	<20	0.42
E793208															
E793210	1.07	10	1.82	1335	3	1.33	9	720	28	5.17	<5	21	425	<20	0.42
E793211	0.81	10	2.00	1435	2	1.65	5	740	34	4.91	<5	21	305	<20	0.44



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Finalized Date: 14-MAR-2007  
Account: EIA

Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07020557</b>
---

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793175 E793176 E793178 E793179 E793180		10 <10	<10 <10	142 155	<10 <10	56 138
E793181 E793182 E793183 E793184 E793185		<10 <10 <10	<10 <10 <10	158 160 162	<10 <10 <10	167 419 131
E793187 E793188 E793189 E793190 E793191		<10 <10 <10 <10	<10 10 <10 10	170 172 163 175	<10 <10 <10 <10	113 151 135 114
E793192 E793193 E793194 E793195 E793196		<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	175 173 168 181 172	<10 <10 <10 <10 <10	125 116 90 148 122
E793197 E793198 E793199 E793200 E793201		<10 <10 <10	10 <10 <10	162 185 136	<10 <10 <10	63 72 34
E793202 E793203 E793204 E793205 E793206		<10	<10	183	<10	124
E793207 E793208 E793210 E793211		<10 <10 <10	<10 10 10	181 184 190	<10 <10 <10	160 135 208



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Finalized Date: 7-MAR-2007  
Account: EIA

## CERTIFICATE VA07020030

Project: Hushamu

P.O. No.: WRN07-01

This report is for 25 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 28-FEB-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

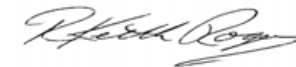
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	27 element four acid ICP-AES	ICP-AES

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Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07020030

Sample Description	Method	WEI-21	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E796501		3.12	0.17	<0.5	3.93	12	480	<0.5	<2	0.08	<0.5	1	15	14	0.93	10
E796502		2.26	0.09	<0.5	7.12	41	150	<0.5	<2	0.10	<0.5	15	18	108	6.21	20
E796503		3.46	0.07	<0.5	7.29	37	230	<0.5	<2	0.12	<0.5	22	20	84	3.17	<10
E796504		4.08	0.11	<0.5	8.85	16	260	<0.5	<2	0.06	<0.5	37	16	59	2.80	<10
E796505		2.68	0.23	<0.5	9.87	13	180	<0.5	<2	0.14	<0.5	18	10	98	1.35	10
E796506		3.16	0.53	<0.5	8.74	18	50	0.8	<2	0.06	<0.5	15	6	90	1.30	10
E796507		3.56	0.53	0.8	4.19	19	410	0.8	<2	0.57	<0.5	14	10	1305	5.31	10
E796508		2.28	0.61	1.7	4.87	10	530	0.8	<2	0.56	<0.5	16	6	1230	6.83	10
E796509		3.00	0.45	<0.5	6.68	10	270	0.7	<2	0.69	<0.5	17	5	656	4.34	10
E796510		2.46	0.38	<0.5	8.87	<5	480	0.9	<2	0.79	<0.5	20	11	774	4.97	20
E796511		2.74	0.10	<0.5	2.27	18	90	<0.5	<2	0.05	<0.5	5	9	55	0.35	<10
E796512		1.80	0.23	<0.5	4.32	11	90	<0.5	<2	0.06	<0.5	3	8	54	0.51	<10
E796513		2.42	0.20	<0.5	5.81	8	80	<0.5	<2	0.05	<0.5	3	7	133	0.62	<10
E796514		1.52	0.50	<0.5	6.64	6	340	<0.5	<2	0.39	<0.5	12	24	115	2.15	10
E796515		1.00	0.40	0.8	6.91	7	360	0.9	<2	0.83	0.9	23	7	647	8.02	10
E796516		2.56	0.04	<0.5	7.52	26	70	<0.5	<2	0.13	<0.5	14	16	200	2.19	<10
E796517		1.96	0.12	<0.5	1.77	<5	150	<0.5	<2	0.05	<0.5	2	9	19	0.83	<10
E796518		0.58	0.13	<0.5	1.70	34	800	<0.5	<2	0.04	<0.5	1	11	25	1.60	<10
E796519		2.30	0.20	<0.5	9.41	23	120	<0.5	4	0.08	<0.5	3	7	36	0.57	10
E796520		1.66	0.83	<0.5	4.35	18	250	<0.5	<2	0.07	0.5	4	8	54	1.38	<10
E796521		1.62	0.58	<0.5	6.76	24	690	<0.5	<2	0.02	<0.5	10	8	658	2.59	10
E796522		1.52	0.59	<0.5	6.05	14	520	<0.5	<2	0.03	0.7	27	5	1950	14.85	30
E796523		1.48	0.23	0.9	9.17	<5	330	1.4	<2	0.39	0.8	25	<1	787	7.79	20
E796524		1.76	1.30	1.8	3.23	<5	80	0.7	<2	0.10	0.7	27	1	2660	18.20	10
E796525		1.32	0.38	1.0	7.63	<5	850	1.2	<2	0.62	0.7	16	4	454	6.49	10



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07020030

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte Units LOR	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E796501		0.98	10	0.02	19	21	0.25	<1	510	130	2.70	<5	4	595	<20	0.27
E796502		0.14	10	0.02	11	236	0.09	10	600	26	6.14	<5	8	171	<20	0.27
E796503		0.28	10	0.01	9	314	0.20	20	490	39	4.67	<5	6	55	<20	0.26
E796504		0.02	20	<0.01	6	108	0.03	21	670	135	3.12	<5	2	297	<20	0.15
E796505		0.21	10	0.02	6	245	0.05	7	950	23	1.37	<5	10	214	<20	0.29
E796506		0.07	10	0.02	8	33	0.02	3	620	10	1.13	<5	23	94	<20	0.41
E796507		0.97	10	1.94	134	21	0.02	2	210	8	0.14	<5	9	14	<20	0.15
E796508		1.58	10	2.72	215	15	0.04	1	250	9	0.07	<5	9	25	<20	0.18
E796509		1.82	10	0.71	39	81	0.04	3	360	6	3.74	<5	16	29	<20	0.17
E796510		2.41	10	1.58	129	110	0.03	9	750	11	1.88	<5	23	34	<20	0.27
E796511		0.09	10	0.06	12	241	0.01	1	350	45	0.14	<5	2	301	<20	0.17
E796512		0.02	10	0.04	9	66	0.01	1	490	43	0.06	<5	2	224	<20	0.26
E796513		0.14	10	0.07	18	76	0.04	<1	170	12	0.04	<5	2	19	<20	0.19
E796514		1.26	<10	0.88	248	10	0.11	14	500	8	0.47	<5	10	28	<20	0.25
E796515		1.88	10	1.99	307	7	0.03	2	360	16	0.23	<5	17	15	<20	0.25
E796516		0.05	20	0.02	9	124	0.02	4	1070	16	2.32	<5	2	99	<20	0.44
E796517		0.08	<10	0.07	42	85	0.01	<1	130	26	0.04	<5	3	93	<20	0.36
E796518		0.03	<10	0.02	29	429	0.01	1	360	39	0.09	<5	3	143	<20	0.37
E796519		0.02	10	0.01	6	139	0.03	<1	720	74	0.45	<5	5	195	<20	0.20
E796520		0.01	10	0.02	16	398	0.01	1	730	41	1.30	<5	3	413	<20	0.28
E796521		0.02	10	0.01	10	485	0.01	3	260	10	2.19	<5	12	52	<20	0.15
E796522		0.08	<10	0.15	45	554	0.01	4	240	10	8.84	<5	21	52	<20	0.20
E796523		1.76	<10	1.27	540	19	0.03	2	1010	9	0.22	<5	20	12	<20	0.43
E796524		0.18	10	0.29	242	18	0.01	<1	220	8	0.33	<5	9	6	<20	0.11
E796525		2.10	10	1.42	169	4	0.03	3	640	5	0.04	<5	15	27	<20	0.27



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07020030</b>
---

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E796501		<10	<10	41	<10	10
E796502		<10	<10	118	10	6
E796503		<10	<10	94	10	5
E796504		<10	<10	57	<10	8
E796505		<10	<10	112	<10	16
E796506		<10	<10	178	<10	70
E796507		<10	<10	69	<10	188
E796508		<10	<10	72	10	201
E796509		<10	<10	97	<10	44
E796510		<10	<10	167	10	76
E796511		<10	<10	24	10	26
E796512		<10	<10	31	<10	29
E796513		<10	<10	21	<10	31
E796514		<10	<10	80	<10	64
E796515		<10	<10	101	<10	209
E796516		<10	<10	84	<10	11
E796517		<10	<10	36	10	41
E796518		<10	<10	23	10	65
E796519		<10	<10	74	<10	14
E796520		<10	<10	33	20	51
E796521		<10	<10	83	10	43
E796522		10	<10	119	10	141
E796523		<10	<10	119	<10	255
E796524		<10	<10	71	<10	1390
E796525		<10	<10	90	<10	234



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## CERTIFICATE VA07038933

Project: Hushamu

P.O. No.: WRN07-01

This report is for 22 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 19-APR-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

JIM MARLOW

## SAMPLE PREPARATION

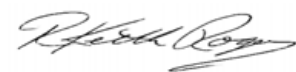
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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Signature:   
Keith Rogers, Executive Manager Vancouver Laboratory



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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07038933

Sample Description	WEI-21 Recvd Wt. kg	Au-AA25 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E793731	7.36	0.01	0.7	7.57	<5	550	0.5	<2	4.40	1.2	14	28	87	3.78	10
E793732	6.92	0.01	<0.5	7.63	<5	460	0.5	<2	3.97	<0.5	9	17	43	2.86	10
E799410	7.56	0.01	0.7	7.78	<5	340	0.9	<2	4.58	<0.5	8	49	130	4.97	10
E799411	0.08	0.17	30.6	7.91	242	870	1.0	4	2.77	<0.5	8	13	1705	2.40	20
E799412	7.78	0.02	1.1	8.26	<5	380	0.9	<2	4.11	<0.5	10	47	136	5.31	20
E799413	8.22	0.02	<0.5	8.10	<5	300	0.7	<2	3.12	<0.5	12	33	155	6.49	20
E799414	7.66	0.02	0.9	8.30	<5	500	0.8	<2	3.32	<0.5	10	38	82	4.97	20
E799415	8.08	0.01	<0.5	7.84	<5	460	0.6	<2	3.07	<0.5	12	27	73	3.73	20
E799416	7.82	<0.01	<0.5	7.44	7	360	0.5	<2	6.12	<0.5	14	10	60	4.31	20
E799461	8.68	<0.01	<0.5	10.00	5	110	0.6	<2	0.34	2.6	29	9	54	7.26	20
E799462	3.86	<0.01	<0.5	9.60	6	120	0.8	<2	0.44	1.7	22	4	65	6.06	20
E799463	8.20	<0.01	<0.5	9.33	6	80	0.7	<2	0.38	2.2	25	6	72	6.49	20
E799464	0.08	0.15	1.4	5.92	1115	2920	1.8	<2	2.07	2.3	10	109	51	3.16	20
E799465	8.70	<0.01	<0.5	9.36	<5	140	0.7	<2	0.45	3.0	27	6	45	6.93	20
E799466	9.34	<0.01	<0.5	9.35	6	90	0.6	<2	0.33	<0.5	25	7	36	7.32	20
E799467	7.34	<0.01	<0.5	9.99	<5	80	0.8	<2	0.26	<0.5	26	6	47	7.23	20
E799468	5.58	0.01	<0.5	9.68	11	40	<0.5	<2	0.16	<0.5	26	6	31	7.86	20
E799469	7.22	<0.01	<0.5	10.00	<5	50	<0.5	<2	0.13	<0.5	28	6	19	7.04	20
E799470	9.04	<0.01	<0.5	8.85	6	50	<0.5	2	0.13	<0.5	27	6	22	6.74	10
E799471	0.12	<0.01	<0.5	0.09	<5	10	<0.5	<2	0.01	<0.5	<1	1	2	0.03	<10
E799472	8.26	<0.01	<0.5	9.04	16	120	0.6	4	0.17	<0.5	23	27	45	6.96	20
E799473	4.72	<0.01	<0.5	8.95	7	140	0.6	4	0.20	<0.5	17	26	50	6.41	20





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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07038933</b>
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Method Analyte Units LOR	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Ti %
Sample Description	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E793731	0.95	10	1.36	1260	13	1.54	21	1000	11	2.28	<5	18	322	<20	0.33
E793732	1.07	10	1.23	599	6	1.83	12	640	12	1.88	<5	16	299	<20	0.28
E799410	0.67	10	1.04	598	17	1.26	19	1160	5	4.18	<5	19	623	<20	0.36
E799411	1.98	10	0.40	803	453	2.12	6	530	49	0.48	78	3	630	<20	0.13
E799412	0.48	10	1.07	646	17	2.23	20	1260	10	4.45	<5	22	663	<20	0.36
E799413	0.62	10	1.10	626	19	2.06	17	1040	5	5.25	<5	21	586	<20	0.29
E799414	0.73	10	1.22	453	23	2.24	15	1170	7	3.70	<5	21	821	<20	0.25
E799415	0.89	10	1.30	502	38	2.32	14	780	19	2.10	<5	18	397	<20	0.25
E799416	0.77	10	2.22	1090	14	0.89	12	700	15	1.83	<5	15	291	<20	0.26
E799461	0.53	10	2.57	759	<1	0.57	8	720	97	8.68	5	30	116	<20	0.49
E799462	0.48	10	2.08	708	1	0.63	6	980	36	7.23	<5	27	139	<20	0.51
E799463	0.73	10	2.00	795	4	0.52	8	700	69	7.65	<5	25	123	<20	0.39
E799464	1.51	30	0.86	924	4	0.34	33	950	163	0.37	490	11	225	<20	0.27
E799465	0.47	<10	2.30	609	3	0.68	8	520	85	8.53	5	27	151	<20	0.46
E799466	0.71	10	2.30	811	<1	0.58	10	650	16	8.83	<5	27	119	<20	0.54
E799467	1.12	10	2.42	573	<1	0.50	8	520	10	8.66	<5	28	92	<20	0.35
E799468	1.45	<10	0.51	48	1	0.22	8	690	42	9.37	<5	28	263	<20	0.44
E799469	0.81	10	0.15	18	<1	0.16	8	730	39	8.43	<5	29	238	<20	0.41
E799470	0.55	10	1.11	75	1	0.14	9	700	31	8.15	<5	27	294	<20	0.35
E799471	0.01	<10	0.01	<5	<1	<0.01	1	10	<2	0.03	<5	<1	4	<20	0.01
E799472	1.56	<10	2.30	263	<1	0.23	5	590	8	8.37	<5	25	40	<20	0.45
E799473	0.30	10	3.08	506	<1	0.25	3	620	<2	7.55	<5	26	41	<20	0.50



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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07038933</b>
---

Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
E793731		<10	<10	135	<10	189
E793732		<10	<10	113	<10	88
E799410		<10	<10	95	<10	84
E799411		<10	<10	40	<10	100
E799412		<10	<10	108	<10	98
E799413		<10	<10	116	<10	63
E799414		<10	<10	113	<10	49
E799415		<10	10	108	<10	54
E799416		<10	<10	131	<10	107
E799461		<10	<10	257	<10	299
E799462		<10	<10	235	<10	242
E799463		<10	<10	220	<10	372
E799464		10	<10	136	10	252
E799465		10	<10	255	<10	434
E799466		<10	<10	260	<10	116
E799467		<10	<10	240	<10	84
E799468		10	10	270	<10	21
E799469		<10	<10	264	<10	35
E799470		<10	<10	225	<10	13
E799471		<10	<10	1	<10	3
E799472		<10	<10	249	<10	29
E799473		<10	<10	230	<10	43



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## CERTIFICATE VA07061697

Project: Husamu

P.O. No.: WRN07-01

This report is for 2 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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Project: Husamu

<b>CERTIFICATE OF ANALYSIS VA07061697</b>
---

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E793295 E793338		0.141 5.48



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## CERTIFICATE VA07061696

Project: Hushamu

P.O. No.: WRN07-01

This report is for 1 Drill Core sample submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07061696

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E793480		<0.001



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## CERTIFICATE VA07061695

Project: Hushamu

P.O. No.: WRN07-01

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EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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<b>CERTIFICATE OF ANALYSIS VA07061695</b>
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Sample Description	Method Analyte Units LOR
E793403	ME-MS42 Re ppm 0.001  1.065





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## CERTIFICATE VA07061694

Project: Hushamu

P.O. No.: WRN07-01

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DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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## CERTIFICATE OF ANALYSIS VA07061694

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
793510		0.036



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## CERTIFICATE VA07061693

Project: Hushamu

P.O. No.: WRN07-01

This report is for 1 Drill Core sample submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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<b>CERTIFICATE OF ANALYSIS VA07061693</b>
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Sample Description	Method Analyte Units LOR
E793539	ME-MS42 Re ppm 0.001  0.012



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## CERTIFICATE VA07061692

Project: Hushamu

P.O. No.:

This report is for 2 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07061692</b>
---

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E793096		1.880
E793146		5.50



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## CERTIFICATE VA07061691

Project: Hushamu

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DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

## CERTIFICATE OF ANALYSIS VA07061691

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E799268 E793597		0.173 <0.001





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## CERTIFICATE VA07061690

Project: Hushamu

P.O. No.: WRN07-01

This report is for 1 Drill Core sample submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07061690</b>
---

Sample Description	Method Analyte Units LOR
E799358	ME-MS42 Re ppm 0.001  0.004



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## CERTIFICATE VA07061669

Project: Hushamu

P.O. No.: WRN07-01

This report is for 4 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07061669</b>
---

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E799389		0.022
E799398		0.022
E799402		3.69
E799405		2.42



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## CERTIFICATE VA07061698

Project: Hushamu

P.O. No.: WRN07-01

This report is for 5 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-JUN-2007.

The following have access to data associated with this certificate:

EQUITY ENG E-MAIL

DARCY BAKER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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Project: Hushamu

<b>CERTIFICATE OF ANALYSIS VA07061698</b>
---

Sample Description	Method Analyte Units LOR	ME-MS42 Re ppm 0.001
E793029		0.046
E793036		5.29
E793044		2.86
E793049		0.345

**Appendix G: Quality Control / Quality**

**Assurance**

## QUALITY CONTROL / QUALITY ASSURANCE

### I Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. Rice sacks were trucked by Equity Engineering personnel to Port Hardy and then transported via Greyhound or Van Kam Freightways to ALS Chemex Labs in North Vancouver. ALS Chemex reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

### II Blanks

Blanks are samples which are known to be barren of mineralization and are inserted into the sample stream to determine whether contamination has occurred after sample collection.

A total of 24 blanks were inserted into the sample sequence (approximately every 60<sup>th</sup> sample) and submitted for analysis. The blank material comprised commercially available silica sand of the type used in swimming pool filters. Blanks were inserted into the sample series in the field. The blank samples returned low values for all elements, with the following ranges for the elements of most interest: <0.01-0.02 ppm Au, <1-8 ppm Cu and <1-1 ppm Mo.

The consistently low values for all metals of interest in the Hushamu blank analyses indicate that contamination of the core samples did not take place in the field or in the lab.

### III Field Duplicate Analysis

Field duplicates are collected and analysed as two separate samples from the same field location. They are used to measure the reproducibility of sampling, which includes both laboratory variation and sample variation. A total of 23 duplicate core samples (approximately every 60<sup>th</sup> sample) were collected during the 2007 Hushamu drill program, as two quarters of a single interval, and submitted for analysis.

Most of the elements of interest (Au, Ag, As, Pb and Zn) are reproducible at a level of 20% precision. Cu and Mo are slightly less reproducible, with a precision level of 30%. These data indicate that the "nugget effect" (variable metal distribution within samples), should not be an issue in the NW Expo and Cougar areas of the Hushamu property.



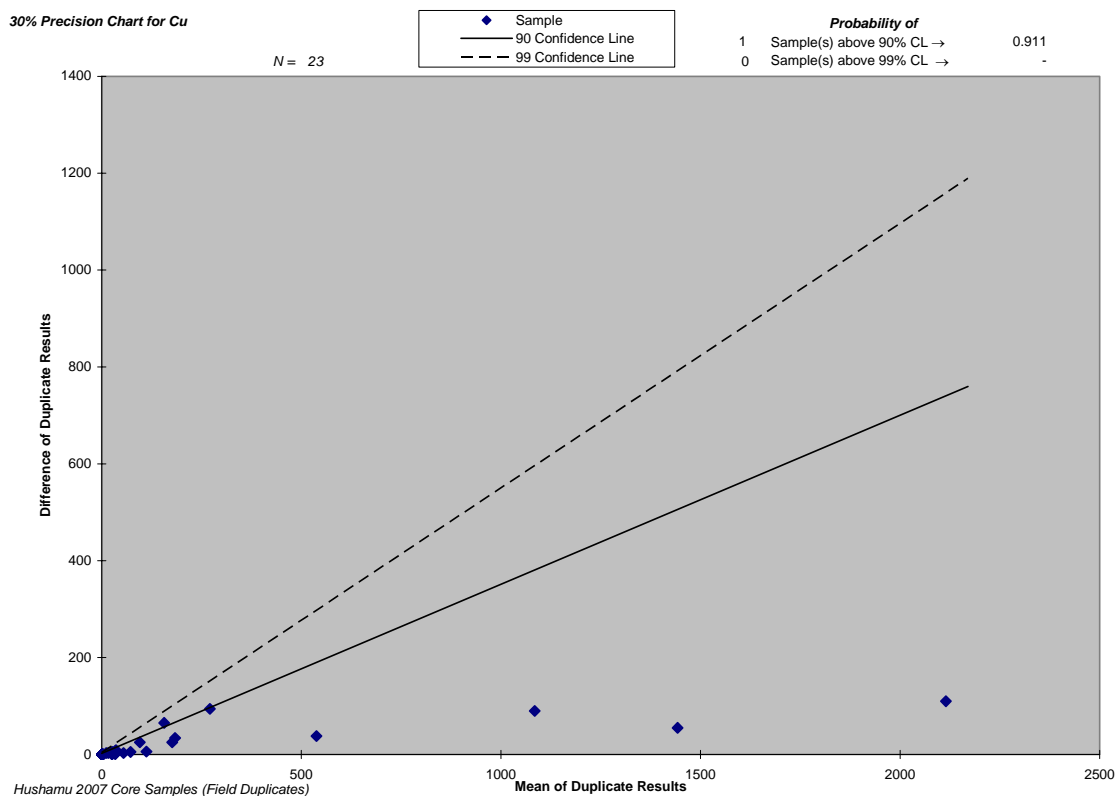


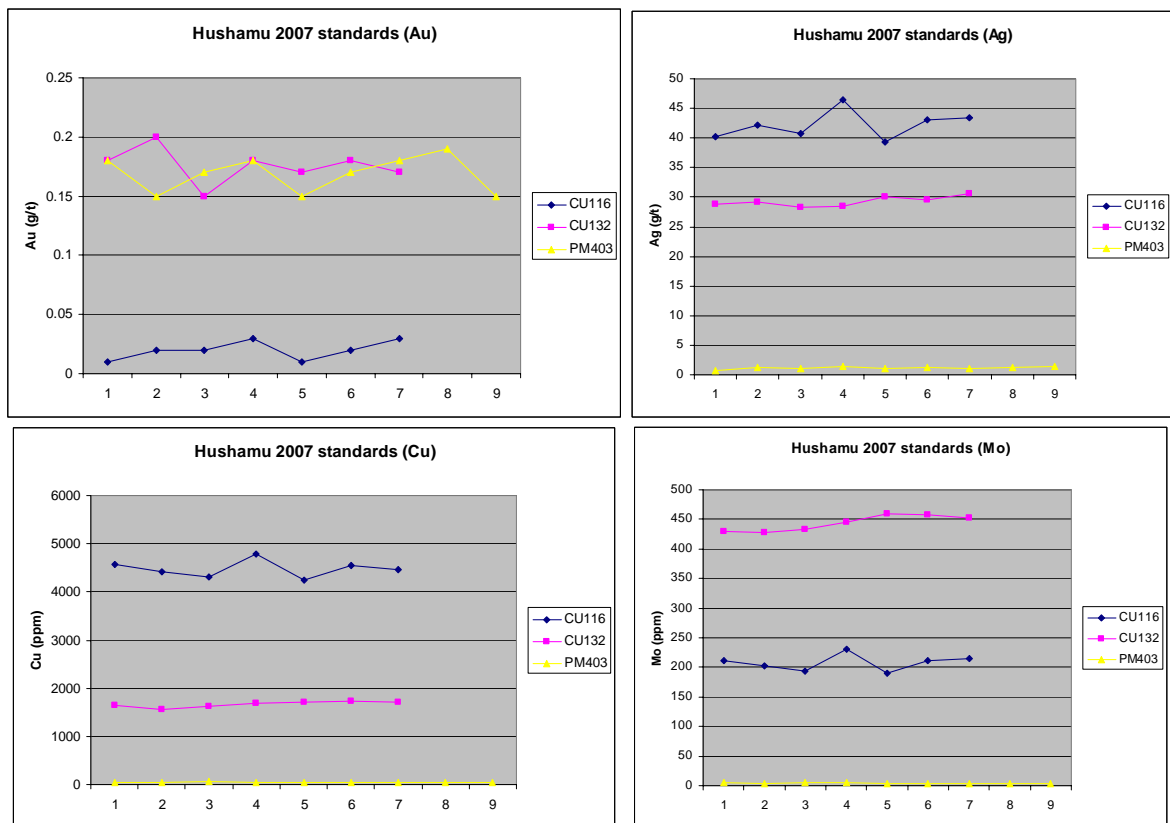
Chart 1: Graph illustrating Thompson and Howarth estimation of analytical precision, method two, for Cu. The data points represent duplicate pairs, the solid line represents the 90th percentile of the population, and the dashed line the 99th percentile of the population (n=23). In this instance, the precision was set at 30%, and at this level within the given dataset, only 1 sample pair lies above the 90th percentile line. With the assumed precision, the probability is 91.1% that 1 sample pair would lie above the 90<sup>th</sup> percentile line, and the assumption appears vindicated.

#### IV Standards

Standards are samples with pre-determined analytical values for the metals of most interest, which are inserted in the analytical stream to determine the accuracy of analysis. In 2007, 24 standards, taken from three commercially-supplied standard reference materials with varying Cu, Au and Mo contents, were shipped with the Hushamu core samples for analysis by the laboratory. The standard reference materials used were PM403 (0.165 g/t Au), CU116 (4730 ppm Cu, 225 ppm Mo, 42.6 g/t Ag) and CU132 (1680 ppm Cu, 460 ppm Mo, 27.3 g/t Ag, 0.170 g/t Au).

Initial analysis for sample E799367, a CU116 standard from Certificate VA07038932, yielded 3.35 g/t Au. The CU116 standard reference material does not have a pre-determined Au value, but this result is at odds with the other 7 analyses for it, which ranged from 0.01 to 0.03 g/t Au. ALS Chemex is currently investigating this anomaly and its implications for the remainder of the samples analysed jointly with it.

Excluding E799367, the standards all check within approximately 10% of the predetermined values, and there does not appear to be any systematic bias to higher or lower values.



## V Check Sampling

A number of significant core intervals reported from the 2005 drilling in the NW Expo area were re-sampled by quartering the core, in order to verify the validity of the 2005 sampling program. These were analyzed in 2007 by ALS Chemex for Au-25 (Au by fire assay and AAS finish; 30g sample weight) and ME-ICP61 (47 elements by 4-acid digestion). The original 2005 core samples were analyzed by ALS Chemex for Au-23 (Au by fire assay and AAS finish; 30g sample weight) and ME-ICP41 (34 elements by aqua regia digestion). The 25 pairs of samples were reproducible at precision levels of 20% for Au, Ag and Pb; 30% for Mo and 50% for Cu and Zn. These levels of reproducibility are similar to, but slightly lower than, those demonstrated by the 2007 field duplicates. The slightly lower reproducibility for Cu, Mo and Zn can be attributed to the different digestions and analytical techniques for the ICP41 and ICP61.

## VI Conclusions

- There is no evidence of tampering with the samples between collection and laboratory.
- There is no evidence of sample contamination in the field or the laboratory.
- Good reproducibility of field duplicates indicates that the “nugget effect” (variable metal distribution within samples), should not be an issue in the NW Expo and Cougar areas of the Hushamu property.
- One batch of core analyses need to be investigated further to determine why one of the field standards gave an unexpectedly high Au value.
- The remaining standards are within acceptable limits and show no systematic bias, indicating that laboratory analyses are accurate.
- Check sampling in 2007 of mineralized 2005 intervals returned similar values and showed good reproducibility. However, the reproducibility is slightly lower than the 2007 field duplicates (taken with similar methodology), due to different digestions and analytical techniques.

**Appendix H: Compact Disc**

Report, geochemical and drill databases, geophysical files, GIS files, photographs

**Appendix I: Geologist's and Engineer's**  
**Certificates**

## GEOLOGIST'S CERTIFICATE

I, Jim Lehtinen, P.Geo., am a Professional Geoscientist residing at 4317 Briardale Road, Courtenay, British Columbia, Canada.

I am the lead author of the Assessment Report entitled "2007 Diamond Drilling Report on the Hushamu Property" and dated July 6, 2007.

I am a member in good standing (#19,778) of the Association of Professional Engineers and Geoscientists of British Columbia.

I graduated from the University of British Columbia with a Bachelor of Science degree in geology in 1984, and I have practiced my profession continuously since 1984.

Since 1984 I have been involved in mineral exploration for gold, silver, copper, lead, zinc, cobalt, nickel and coal in Canada, U.S.A, Jamaica and Panama. As a result of my experience and qualification I am a Qualified Person as defined in N.P. 43-101.

I am a Consulting Geologist and have been so since 1989.

I directed the diamond drilling report on the Hushamu property in 2007, and have examined the property in the field. This report is based on fieldwork conducted under my supervision or by other personnel of Equity Engineering Ltd., on publicly-available maps and publications, and on reports supplied to me by Western Copper Corporation.

Dated at Vancouver, British Columbia, this 10th – day of July, 2007.

---

Jim Lehtinen, P.Geo.

## ENGINEER'S CERTIFICATE

I, Henry Awmack P. Eng., am a Professional Engineer residing at 1735 Larch Street, Vancouver, British Columbia, Canada.

I am an author of the Assessment Report entitled "2007 Diamond Drilling Report on the Hushamu Property" and dated July 6, 2007.

I am a member in good standing (#15,709) of the Association of Professional Engineers and Geoscientists of British Columbia.

I graduated from the University of British Columbia with a Bachelor of Applied Science (Honours) degree in geological engineering (Mineral Exploration Option) in 1982, and I have practiced my profession continuously since 1982.

Since 1982, I have been involved in mineral exploration for gold, silver, copper, lead, zinc, cobalt, nickel and tin in Canada, Costa Rica, Panama, Chile, Argentina, Brazil, Peru, Ecuador, Venezuela, Nicaragua, Bolivia, Mexico, Indonesia, China, Sénégal and Egypt.

I am a Consulting Geological Engineer and principal of Equity Engineering Ltd, a geological consulting and contracting firm, and have been so since February 1987.

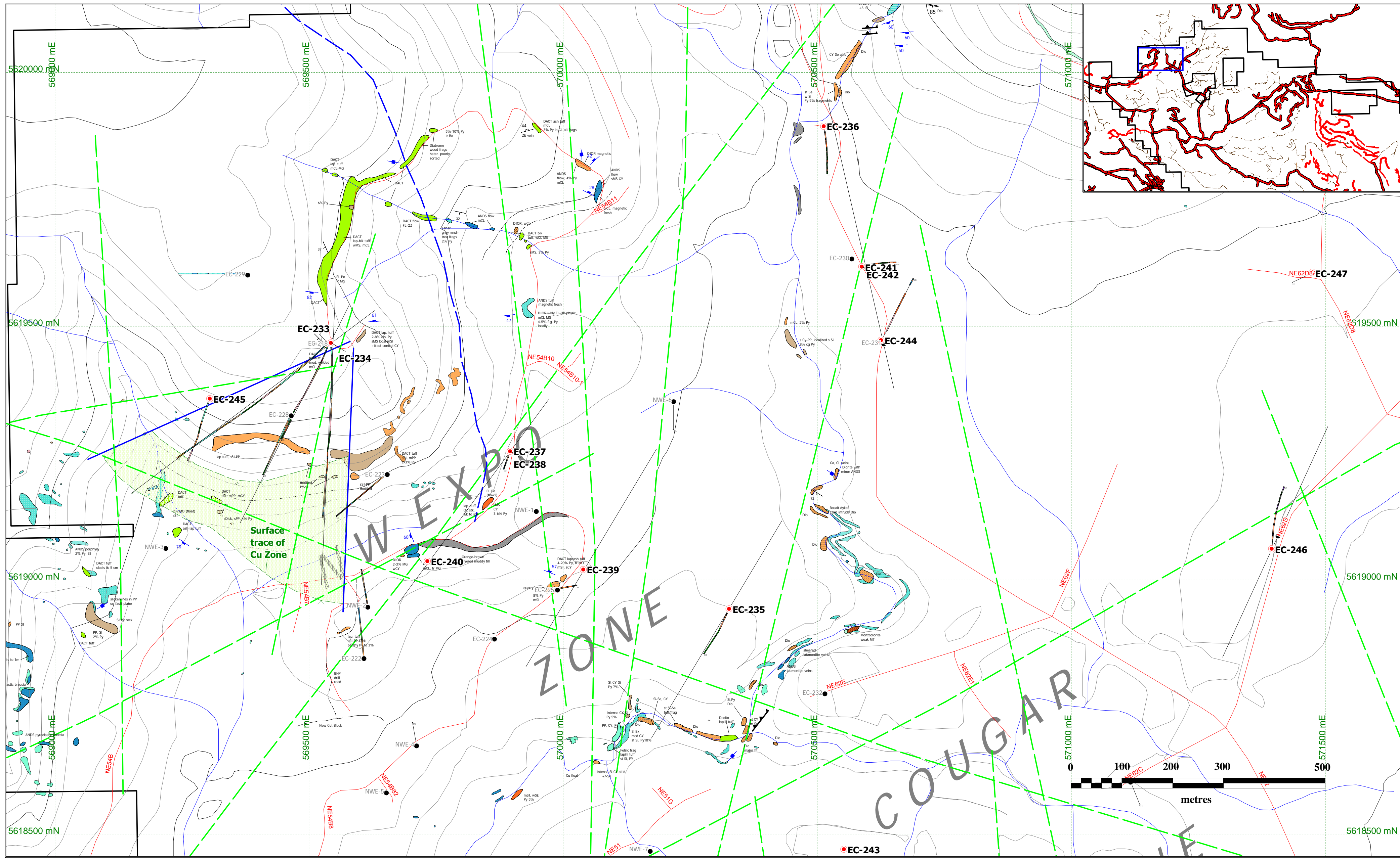
I have not examined the property in the field. This report is based on fieldwork conducted by other personnel of Equity Engineering Ltd., on publicly-available maps and publications, and on reports supplied to me by Western Copper Corporation.

Dated at Vancouver, British Columbia, this 10th – day of July, 2007.

The image shows a handwritten signature in blue ink, which appears to be 'H. Awmack'. To the right of the signature is a red circular seal. The seal contains the text 'PROFESSIONAL OF H. J. AWMACK BRITISH COLUMBIA ENGINEER' arranged in a circular pattern around the name.

Henry J. Awmack, P. Eng.

**Appendix J: Maps**



### Lithologic Units

#### STRATIFIED ROCKS

**QUATERNARY**  
 QT Glacial Till

**LOWER CRETACEOUS**  
**Coal Harbour Group**  
 KC Sandstone, siltstone, conglomerate

**UPPER TRIASSIC TO MIDDLE JURASSIC**  
**Bonanza Group**  
**"Bonanza Volcanics"**  
 JB1 Undivided  
 JB2 Andesite  
 JB3 Andesite lapilli/ash tuff  
 JB4 Rhyolite: flow foliated  
 JB5 Dacite  
 JB6 Basalt  
 JB7 Sedimentary rock  
 JB8 Biotite hornfels  
**Parson Bay Formation**  
 uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcanoclastic rocks, basaltic lithic tuff, pillow lava

**"Bonanza Volcanics" altered facies**  
 JBa Undivided  
 JBa1 Silica, locally hydrothermal breccia  
 JBa2 Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz  
 JBa3 Silica-pyrophyllite-clay with abundant pyrite  
 JBa4 Clay (silica largely absent)  
 JBa5 Silica-chlorite-magnetite  
 JBa6 Sericite-chlorite-clay +/- pyrite  
 JBa7 Silica-breccia  
 JBa8 Silica-sericite-pyrite

**UPPER TRIASSIC**  
**Vancouver Group**  
**Quatsino Formation**  
 uTQ Bedded to massive micritic to bioclastic limestone

**Karmutsen Formation**  
 uTKs Thin horizons of limestone near the top of the succession  
 uTK Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite

#### INTRUSIVE ROCKS

**TERTIARY**  
**Intrusive Dykes, Sills and Stocks**  
 T1 Basalt

**EARLY TO MIDDLE JURASSIC**  
**Island Plutonic Suite**  
 JI1 Undivided: medium to coarse grained, equigranular to porphyritic granitoid rocks  
 JI2 Diorite  
 JI3 Quartz feldspar porphyry  
 JI4 Granodiorite  
 JI5 Monzonite

**Minor Intrusions**  
 JBI Mafic intrusions inferred to be "Bonanza" age

**Other Symbols:**  
 - Western Forest Products Road  
 - Fault, thrust  
 - Major fault, normal  
 - Outcrop  
 - Claim Boundary  
 - Mag high  
 - Mag Low  
 - Mag Mixed  
 - Drill Hole

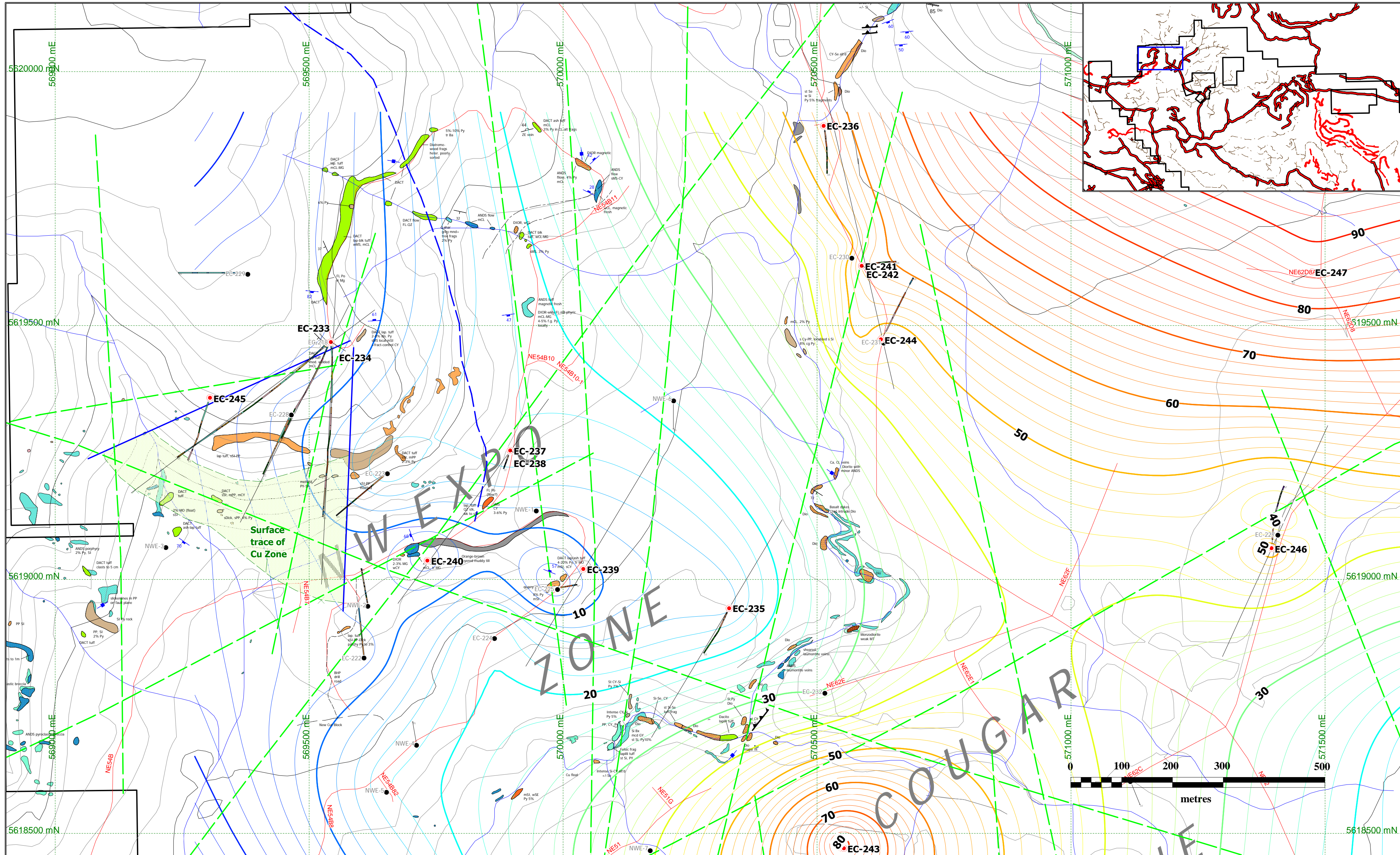
**Structural Symbols:**  
 - Bedding  
 - Foliation  
 - Joint  
 - Dyke  
 - Vein  
 - Fold Axis  
 - Fault  
 - Lineation

**Scale:** 0 100 200 300 500 metres

**WESTERN COPPER CORPORATION**  
**HUSHAMU PROPERTY**  
**NW Expo**  
**Geology**  
**DDH locations**

Date	JUN 2007	Scale	1:5000	Figure	
U.T.M. Zone	UTM9 - NAD83	Mining District	NANAIMO		5a
N.T.S.	92L	State/Province	BC		





**Lithologic Units**

**STRATIFIED ROCKS**

**QUATERNARY**  
QT Glacial Till

**LOWER CRETACEOUS**  
**Coal Harbour Group**  
KC Sandstone, siltstone, conglomerate

**UPPER TRIASSIC to MIDDLE JURASSIC**  
**Bonanza Group**  
**"Bonanza Volcanics"**  
JB Undivided  
JB1 Andesite  
JB2 Andesite lapilli/ash tuff  
JB3 Rhyolite: flow foliated  
JB4 Dacite  
JB5 Basalt  
JB6 Sedimentary rock  
JB7 Biotite hornfels  
**"Bonanza Volcanics" altered facies**  
JBa Undivided  
JBa1 Silica, locally hydrothermal breccia  
JBa2 Silica-pyrophyllite +/- kaolinite +/- dickite +/- diasporite +/- alunite +/- topaz  
JBa3 Silica-pyrophyllite-clay with abundant pyrite  
JBa4 Clay (silica largely absent)  
JBa5 Silica-chlorite-magnetite  
JBa6 Sericite-chlorite-clay +/- pyrite  
JBa7 Silica-breccia  
JBa8 Silica-sericite-pyrite

**Parson Bay Formation**  
uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcaniclastic rocks, basaltic lithic tuff, pillow lava

**UPPER TRIASSIC**  
**Vancouver Group**  
**Quatsino Formation**  
uTQ Bedded to massive micritic to bioclastic limestone  
**Karmutsen Formation**  
uTKs Thin horizons of limestone near the top of the succession  
uTK Aphanitic to coarsely plagioclase-phyrlic subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite

**INTRUSIVE ROCKS**

**TERTIARY**  
**Intrusive Dykes, Sills and Stocks**  
T1 Basalt

**EARLY to MIDDLE JURASSIC**  
**Island Plutonic Suite**  
J1 Undivided: medium to coarse grained, equigranular to porphyritic granitoid rocks  
J11 Diorite  
J12 Quartz feldspar porphyry  
J13 Granodiorite  
J14 Monzonite

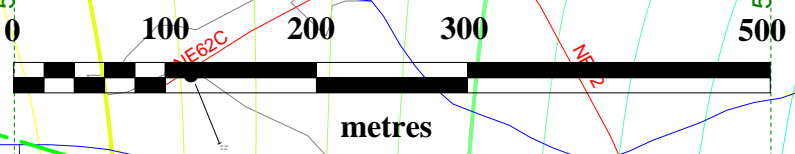
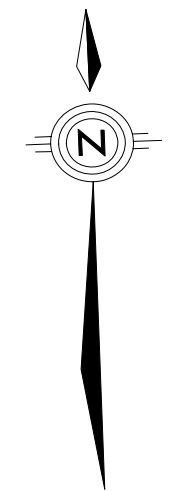
**Minor Intrusions**  
JBI Mafic intrusions inferred to be "Bonanza" age

Western Forest Products Road

Fault, thrust  
Major fault, normal  
Outcrop  
Claim Boundary  
Mag high  
Mag Low  
Mag Mixed  
Drill Hole

45 Bedding  
45 Foliation  
45 Joint  
45 Dyke

45 Vein  
45 Fold Axis  
45 Fault  
45 Lincation



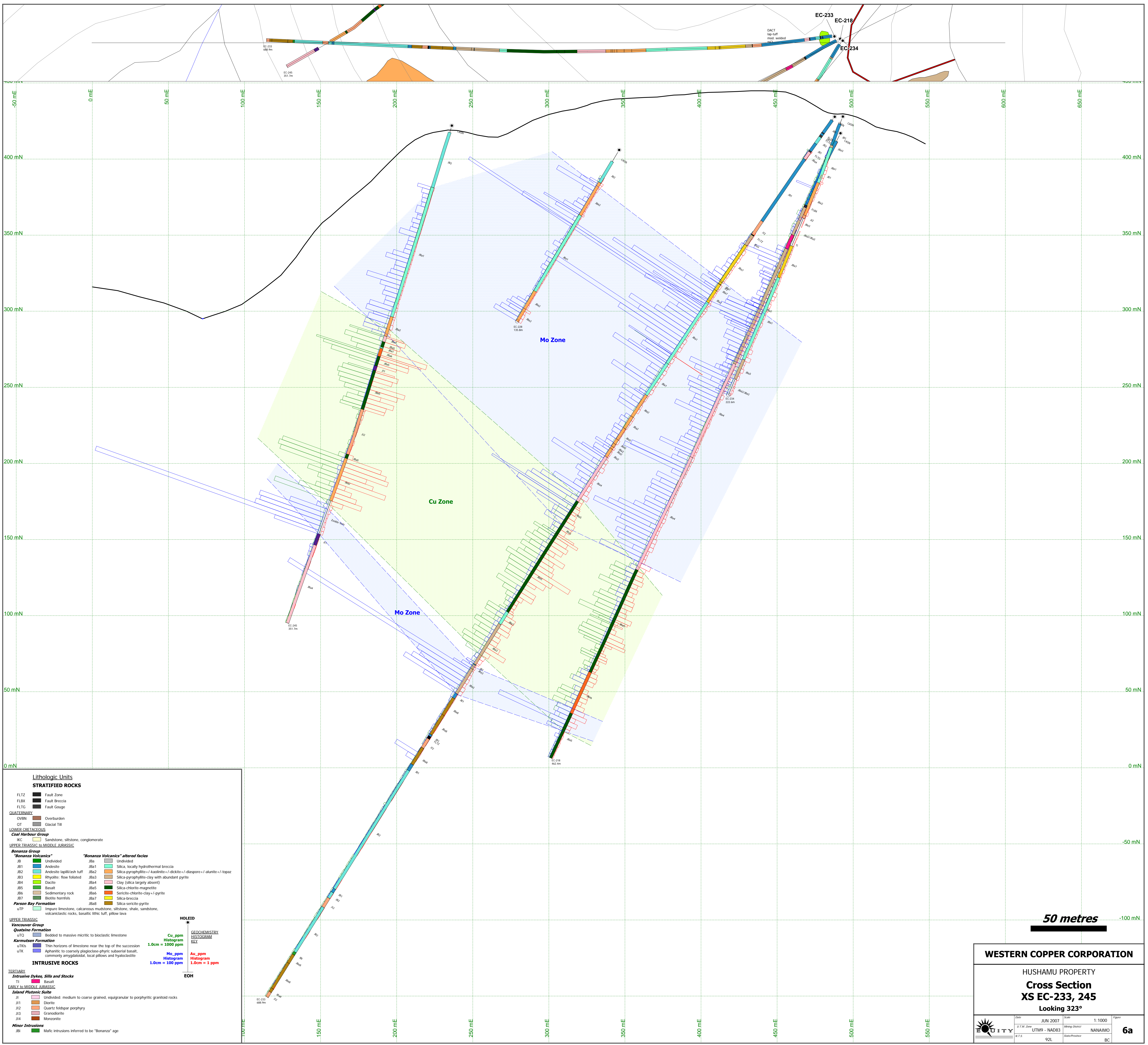
**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY  
**NW Expo  
Geology &  
Overburden**

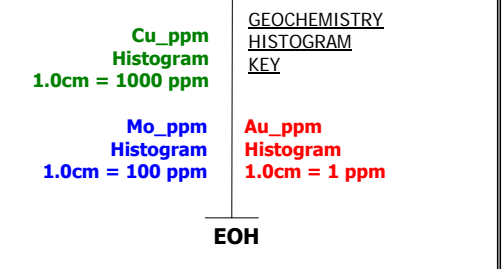
Date JUN 2007 Scale 1:5000 Figure  
U.T.M. Zone UTM9 - NAD83 Mining District NANAIMO  
N.T.S. 92L State/Province BC

**EQUITY**

5b



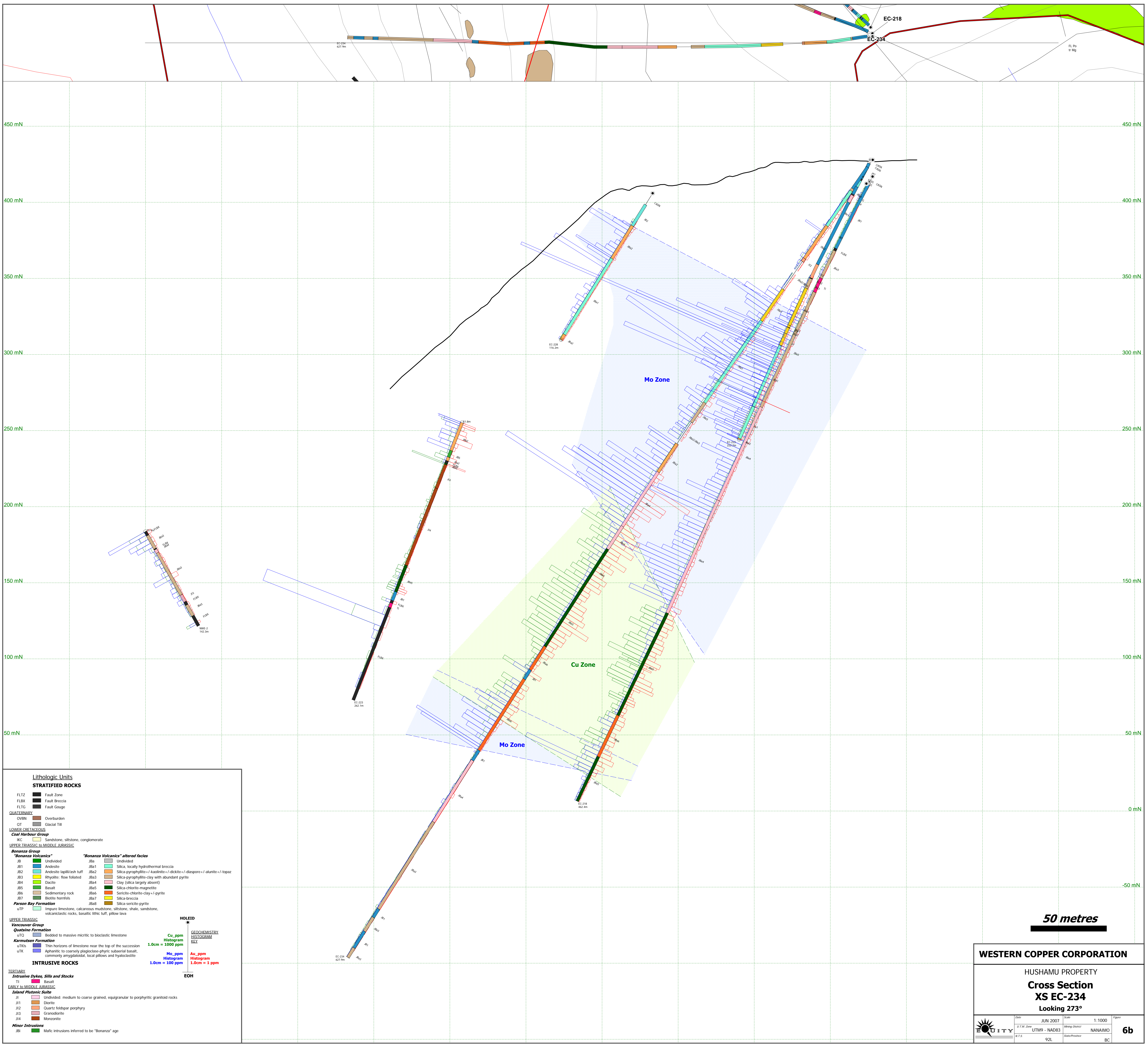
Lithologic Units	
<b>STRATIFIED ROCKS</b>	
FLTZ	Fault Zone
FLBX	Fault Breccia
FLTG	Fault Gouge
<b>QUATERNARY</b>	
OVBN	Overburden
OT	Glacial Till
<b>LOWER CRETACEOUS</b>	
<b>Coal Harbour Group</b>	
HC	Sandstone, siltstone, conglomerate
<b>UPPER TRIASSIC to MIDDLE JURASSIC</b>	
<b>Bonanza Group</b>	
<b>"Bonanza Volcanics"</b>	
JB	Undivided
JB1	Andesite
JB2	Andesite lapilli/ash tuff
JB3	Rhyolite: flow foliated
JB4	Dacite
JB5	Basalt
JB6	Sedimentary rock
JB7	Basaltic hornfels
JB8	Basalt
<b>"Bonanza Volcanics" altered facies</b>	
JBa	Undivided
JBa1	Silica, locally hydrothermal breccia
JBa2	Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz
JBa3	Silica-pyrophyllite-clay with abundant pyrite
JBa4	Clay (silica largely absent)
JBa5	Silica-chlorite-magnetite
JBa6	Sericite-chlorite-clay +/- pyrite
JBa7	Silica-breccia
JBa8	Silica-sericite-pyrite
<b>Parson Bay Formation</b>	
uTP	Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcanoclastic rocks, basaltic lithic tuff, pillow lava
<b>UPPER TRIASSIC</b>	
<b>Vancouver Group</b>	
<b>Quatsino Formation</b>	
uTQ	Banded to massive micritic to bioclastic limestone
<b>Karmutsen Formation</b>	
uTKs	Thin horizons of limestone near the top of the succession
uTK	Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite
<b>INTRUSIVE ROCKS</b>	
<b>Tertiary Intrusive Dykes, Sills and Stocks</b>	
T1	Basalt
<b>EARLY to MIDDLE JURASSIC</b>	
<b>Island Plutonic Suite</b>	
J1	Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks
J11	Diorite
J12	Quartz feldspar porphyry
J13	Granodiorite
J14	Monzonite
<b>Minor Intrusions</b>	
JB1	Mafic intrusions inferred to be "Bonanza" age



50 metres

**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY  
**Cross Section**  
**XS EC-233, 245**  
 Looking 323°



**Lithologic Units**

**STRATIFIED ROCKS**

FLTZ Fault Zone  
 FLBX Fault Breccia  
 FLTG Fault Gouge

**QUATERNARY**

OVBN Overburden  
 QT Glacial Till

**LOWER CRETACEOUS**

**Coal Harbour Group**

BC Sandstone, siltstone, conglomerate

**UPPER TRIASSIC to MIDDLE JURASSIC**

**Bonanza Group**

**"Bonanza Volcanics"**

JB Undivided  
 JB1 Andesite  
 JB2 Andesite lapilli/ash tuff  
 JB3 Rhyolite: flow foliated  
 JB4 Diolite  
 JB5 Basalt  
 JB6 Sedimentary rock  
 JB7 Basaltic hornfels

**"Bonanza Volcanics" altered facies**

JBa Undivided  
 JBa1 Silica, locally hydrothermal breccia  
 JBa2 Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz  
 JBa3 Silica-pyrophyllite-clay with abundant pyrite  
 JBa4 Clay (silica largely absent)  
 JBa5 Silica-chlorite-magnetite  
 JBa6 Sericite-chlorite-clay +/- pyrite  
 JBa7 Silica-breccia  
 JBa8 Silica-sericite-pyrite

**Parson Bay Formation**

uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcaniclastic rocks, basaltic lithic tuff, pillow lava

**UPPER TRIASSIC**

**Vancouver Group**

**Quatsino Formation**

uTQ bedded to massive micritic to bioclastic limestone

**Karmutsen Formation**

uTKs Thin horizons of limestone near the top of the succession  
 uTK Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite

**INTRUSIVE ROCKS**

**TERTIARY**

**Intrusive Dykes, Sills and Stocks**

T1 Basalt

**EARLY to MIDDLE JURASSIC**

**Island Plutonic Suite**

J1 Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks  
 J11 Diorite  
 J12 Quartz feldspar porphyry  
 J13 Granodiorite  
 J14 Monzonite

**Minor Intrusions**

JB1 Mafic intrusions inferred to be "Bonanza" age

**Legend for Geochemistry:**

Cu\_ppm Histogram 1.0cm = 1000 ppm  
 Mo\_ppm Histogram 1.0cm = 100 ppm  
 Au\_ppm Histogram 1.0cm = 1 ppm

**Other Symbols:** HOLED, GEOCHEMISTRY HISTOGRAM KEY, EOH

50 metres

**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY

**Cross Section**

**XS EC-234**

Looking 273°

Drawn	JUN 2007	Scale	1:1000	Figure	
UTM Zone	UTM9 - NAD83	Author/Checker	NANAIMO	BC	<b>6b</b>
UTM Easting	92L	Drawn/Checked			



**Lithologic Units**

**STRATIFIED ROCKS**

FLTZ Fault Zone  
 FLBX Fault Breccia  
 FLTG Fault Gouge

**QUATERNARY**

OVBN Overburden  
 QT Glacial Till

**LOWER CRETACEOUS**

**Coal Harbour Group**

BC Sandstone, siltstone, conglomerate

**UPPER TRIASSIC to MIDDLE JURASSIC**

**Bonanza Group**

**"Bonanza Volcanics"**

JB Undivided  
 JB1 Andesite  
 JB2 Andesite lapilli/ash tuff  
 JB3 Rhyolite: flow foliated  
 JB4 Diolite  
 JB5 Basalt  
 JB6 Sedimentary rock  
 JB7 Basaltic hornfels

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 JBa1 Silica, locally hydrothermal breccia  
 JBa2 Silica, locally hydrothermal breccia  
 JBa3 Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz  
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**Quatsino Formation**

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uTKs Thin horizons of limestone near the top of the succession  
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**INTRUSIVE ROCKS**

**TERTIARY**

**Intrusive Dykes, Sills and Stocks**

T1 Basalt

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J1 Undivided: medium to coarse grained, equigranular to porphyritic: granitoid rocks  
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 J13 Granodiorite  
 J14 Monzonite

**Minor Intrusions**

JB1 Mafic intrusions inferred to be "Bonanza" age

**GEOCHEMISTRY HISTOGRAM KEY**

Cu\_ppm Histogram 1.0cm = 1000 ppm  
 Mo\_ppm Histogram 1.0cm = 100 ppm  
 Au\_ppm Histogram 1.0cm = 1 ppm

HOLEID  
 EOH

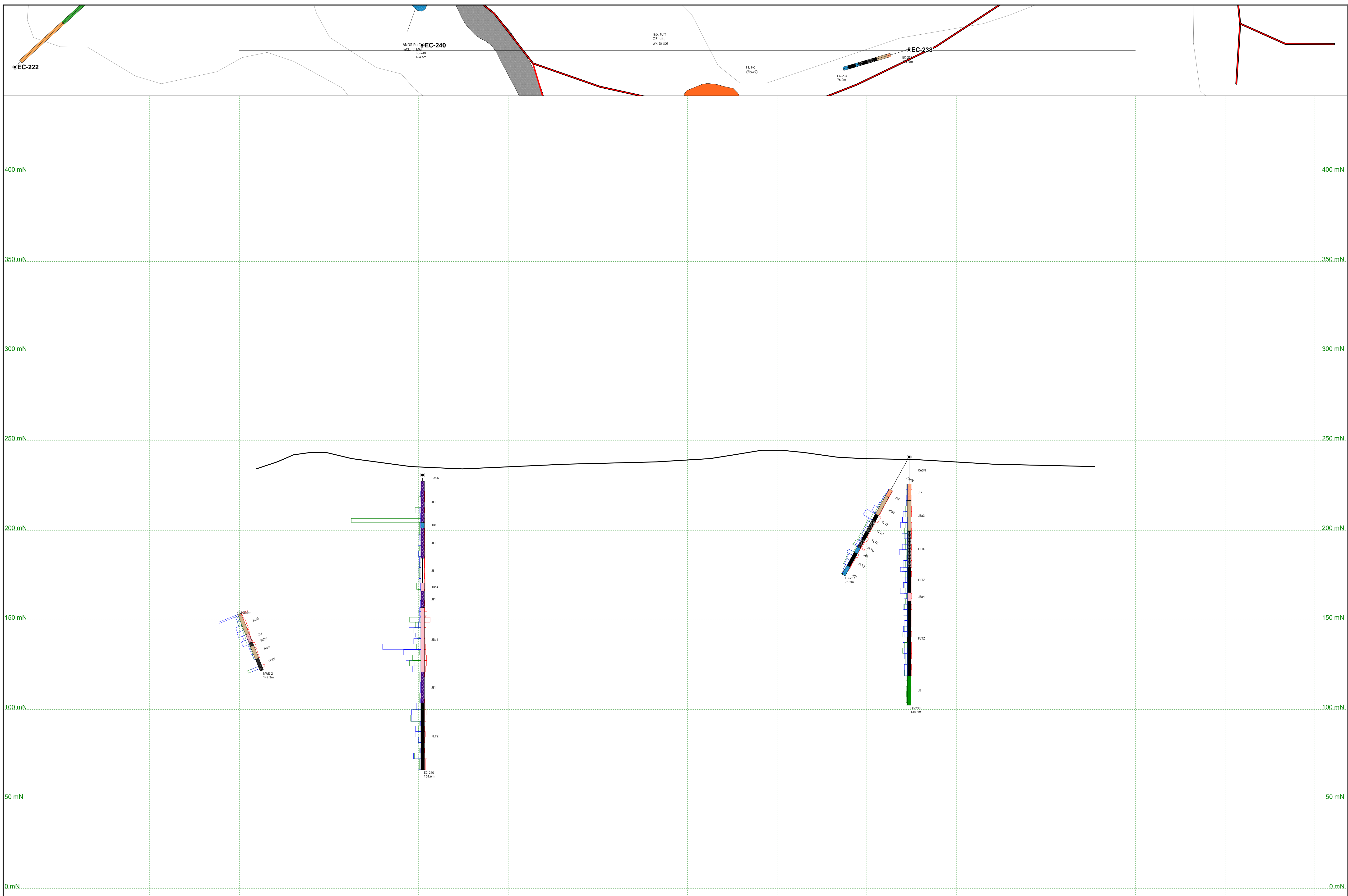
50 metres

**WESTERN COPPER CORPORATION**

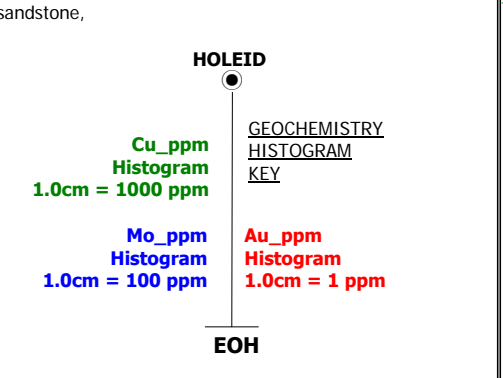
HUSHAMU PROPERTY  
 NW Expo Zone  
**Cross Section**  
**XS EC-235**  
 Looking 301°

Drawn	JUN 2007	Scale	1:1000	Figure	
UTM Zone	UTM9 - NAD83	Author/Checker	NANAIMO		
Sheet/Profile	92L	Sheet/Profile	BC		

**6c**



Lithologic Units	
<b>STRATIFIED ROCKS</b>	
FLTZ	Fault Zone
FLBX	Fault Breccia
FLTG	Fault Gouge
<b>QUATERNARY</b>	
OVBN	Overburden
OT	Glacial Till
<b>LOWER CRETACEOUS</b>	
<b>Coal Harbour Group</b>	
BC	Sandstone, siltstone, conglomerate
<b>UPPER TRIASSIC to MIDDLE JURASSIC</b>	
<b>Bonanza Group</b>	
<b>"Bonanza Volcanics"</b>	
JB	Undivided
JB1	Andesite
JB2	Andesite lapilli/ash tuff
JB3	Rhyolite: flow foliated
JB4	Dicite
JB5	Basalt
JB6	Sedimentary rock
JB7	Biotite hornfels
<b>"Bonanza Volcanics" altered facies</b>	
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JBa7	Silica-breccia
JBa8	Silica-sericite-pyrite
<b>Parson Bay Formation</b>	
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<b>UPPER TRIASSIC</b>	
<b>Vancouver Group</b>	
<b>Quatsino Formation</b>	
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<b>INTRUSIVE ROCKS</b>	
<b>TERTIARY</b>	
<b>Intrusive Dykes, Sills and Stocks</b>	
T1	Basalt
<b>EARLY to MIDDLE JURASSIC</b>	
<b>Island Plutonic Suite</b>	
J1	Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks
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J13	Granodiorite
J14	Monzonite
<b>Minor Intrusions</b>	
JB1	Mafic intrusions inferred to be "Bonanza" age



50 metres

**WESTERN COPPER CORPORATION**

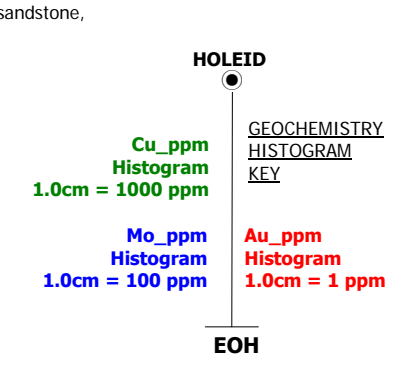
HUSHAMU PROPERTY  
NW Expo Zone  
**Cross Section**  
**XS EC-237, 238, 240**  
Looking 306°

DATE: JUN 2007  
SCALE: 1:1000  
DRAWN BY: Abbey Doherty  
CHECKED BY: NANAIMO  
PROJECT: UTM9 - NAD83  
SHEET: 92L  
REGION: BC

**6d**



Lithologic Units	
<b>STRATIFIED ROCKS</b>	
FLTZ	Fault Zone
FLBX	Fault Breccia
FLTG	Fault Gouge
<b>QUATERNARY</b>	
OVBN	Overburden
QT	Glacial Till
<b>LOWER CRETACEOUS</b>	
<b>Coal Harbour Group</b>	
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<b>Bonanza Group</b>	
<b>"Bonanza Volcanics"</b>	
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JB6	Sedimentary rock
JB7	Biotite hornfels
<b>"Bonanza Volcanics" altered facies</b>	
JBa	Undivided
JBa1	Silica, locally hydrothermal breccia
JBa2	Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz
JBa3	Silica-pyrophyllite-clay with abundant pyrite
JBa4	Clay (silica largely absent)
JBa5	Silica-chlorite-magnetite
JBa6	Sericite-chlorite-clay +/- pyrite
JBa7	Silica-breccia
JBa8	Silica-sericite-pyrite
<b>Parson Bay Formation</b>	
uTP	Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcanoclastic rocks, basaltic lithic tuff, pillow lava
<b>UPPER TRIASSIC</b>	
<b>Vancouver Group</b>	
<b>Quatsino Formation</b>	
uTQ	Bedded to massive micritic to bioclastic limestone
<b>Karmutsen Formation</b>	
uTKs	Thin horizons of limestone near the top of the succession
uTK	Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite
<b>INTRUSIVE ROCKS</b>	
<b>TERTIARY</b>	
<b>Intrusive Dykes, Sills and Stocks</b>	
T1	Basalt
<b>EARLY to MIDDLE JURASSIC</b>	
<b>Island Plutonic Suite</b>	
J1	Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks
J11	Diorite
J12	Quartz feldspar porphyry
J13	Granodiorite
J14	Monzonite
<b>Minor Intrusions</b>	
JB1	Mafic intrusions inferred to be "Bonanza" age

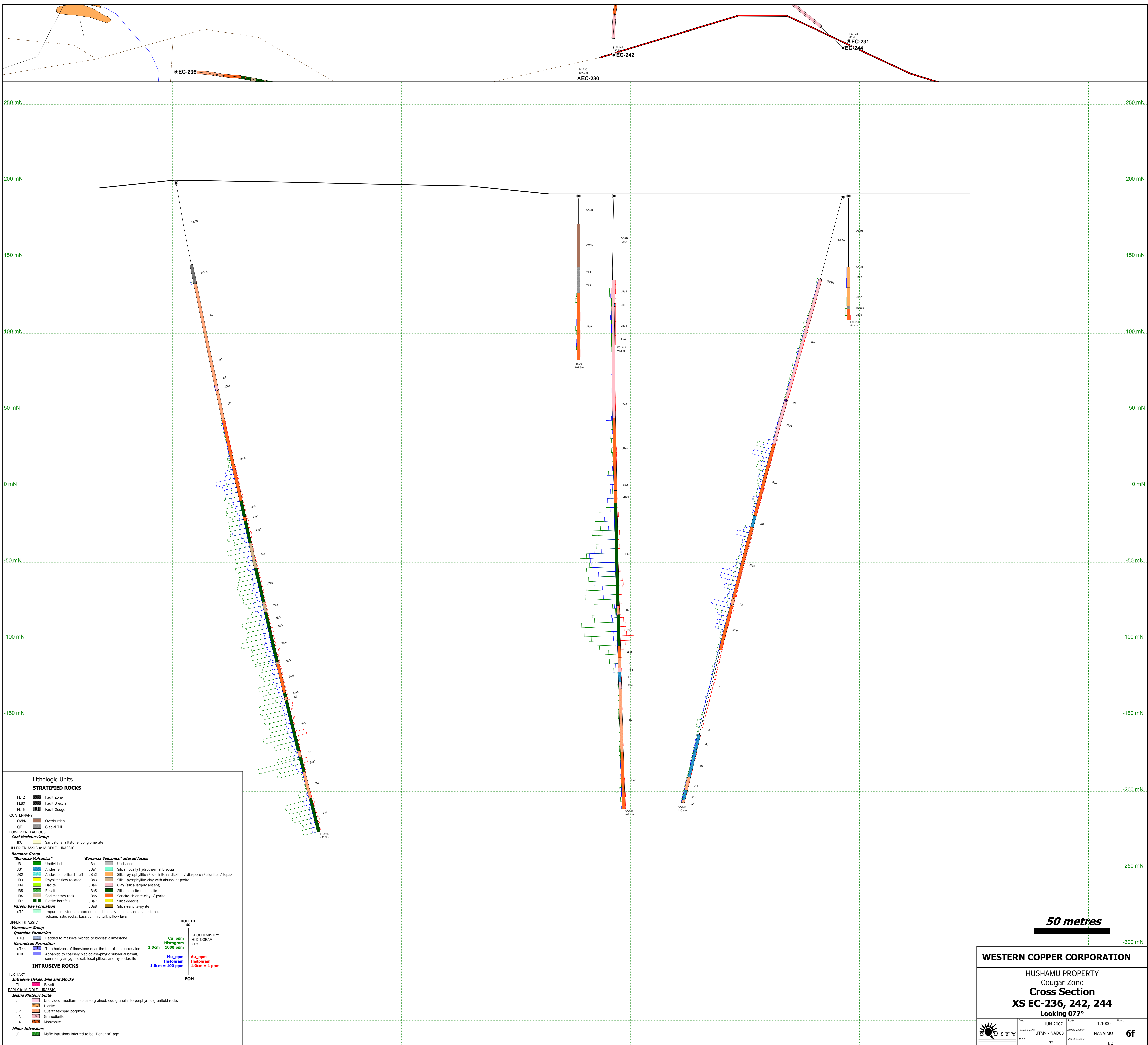


50 metres

**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY  
NW Expo Zone  
**Cross Section**  
**XS EC-239**  
Looking 301°

DATE: JUN 2007  
SCALE: 1:1000  
UTM Zone: UTM9 - NAD83  
SHEET: 92L  
FIGURE: 6e

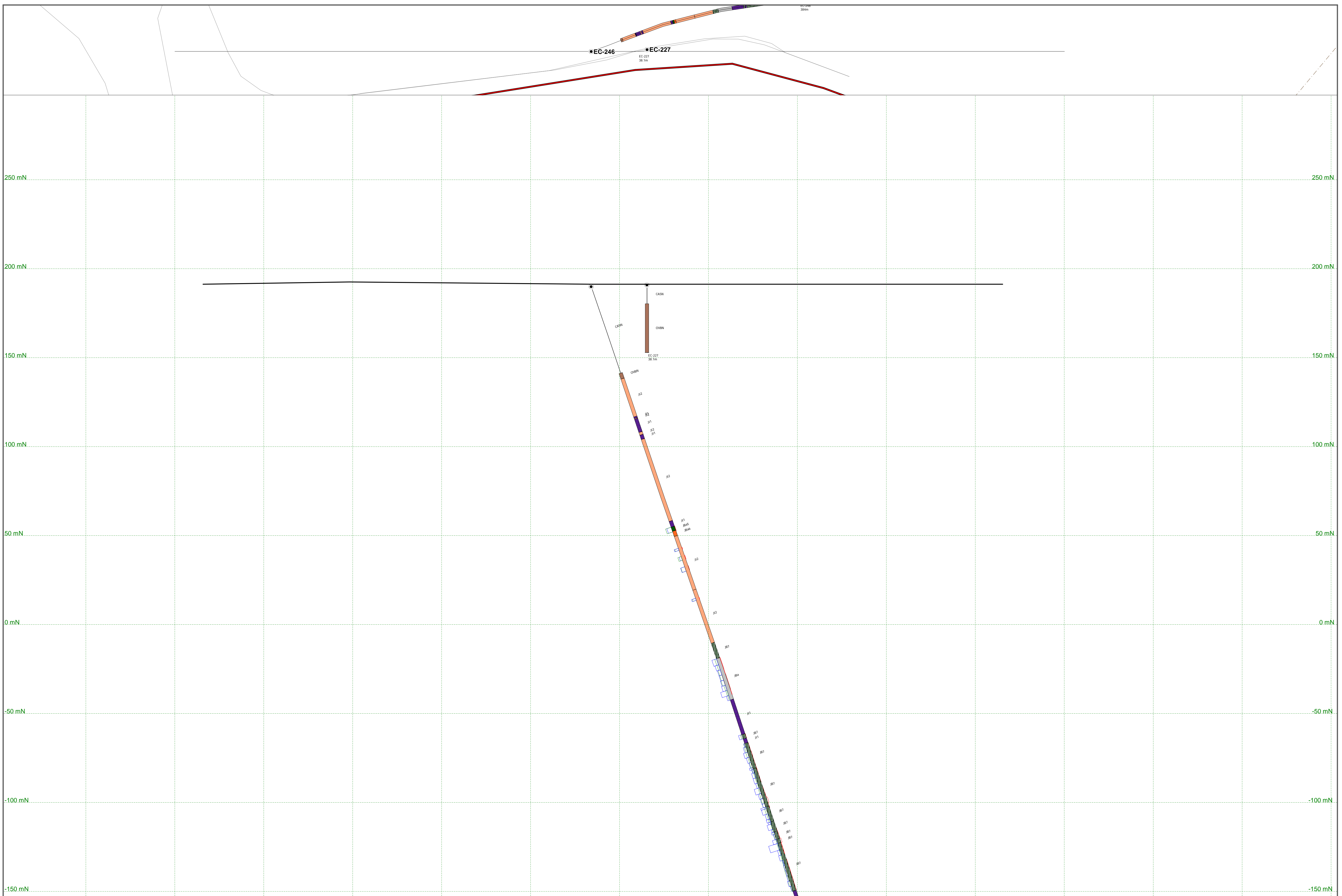


Lithologic Units	
<b>STRATIFIED ROCKS</b>	
FLTZ	Fault Zone
FLBX	Fault Breccia
FLTG	Fault Gouge
<b>QUATERNARY</b>	
OVBN	Overburden
QT	Glacial Till
<b>LOWER CRETACEOUS</b>	
<b>Coal Harbour Group</b>	
BC	Sandstone, siltstone, conglomerate
<b>UPPER TRIASSIC to MIDDLE JURASSIC</b>	
<b>Bonanza Group</b>	
<b>"Bonanza Volcanics" altered facies</b>	
JB	Undivided
JB1	Andesite
JB2	Andesite lapilli/ash tuff
JB3	Rhyolite: flow foliated
JB4	Dicite
JB5	Basalt
JB6	Sedimentary rock
JB7	Basaltic hornfels
<b>Parson Bay Formation</b>	
uTP	Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcaniclastic rocks, basaltic lithic tuff, pillow lava
JBa	Undivided
JBa1	Silica, locally hydrothermal breccia
JBa2	Silica-pyrophyllite +/- kaolinite +/- dickite +/- diaspore +/- alunite +/- topaz
JBa3	Silica-pyrophyllite-clay with abundant pyrite
JBa4	Clay (silica largely absent)
JBa5	Silica-chlorite-magnetite
JBa6	Sericite-chlorite-clay +/- pyrite
JBa7	Silica-breccia
JBa8	Silica-sericite-pyrite
<b>UPPER TRIASSIC</b>	
<b>Vancouver Group</b>	
<b>Quatsino Formation</b>	
uTK	Banded to massive micritic to bioclastic limestone
<b>Karmutsen Formation</b>	
uTKs	Thin horizons of limestone near the top of the succession
uTK	Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite
<b>INTRUSIVE ROCKS</b>	
<b>TERTIARY</b>	
<b>Intrusive Dykes, Sills and Stocks</b>	
T1	Basalt
<b>EARLY to MIDDLE JURASSIC</b>	
<b>Island Plutonic Suite</b>	
J1	Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks
J11	Diorite
J12	Quartz feldspar porphyry
J13	Granodiorite
J14	Monzonite
<b>Minor Intrusions</b>	
JB1	Mafic intrusions inferred to be "Bonanza" age

50 metres

**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY  
 Cougar Zone  
**Cross Section**  
**XS EC-236, 242, 244**  
 Looking 077°



**Lithologic Units**

**STRATIFIED ROCKS**

FLTZ Fault Zone  
 FLBX Fault Breccia  
 FLTG Fault Gouge

**QUATERNARY**

OVB Overburden  
 QT Glacial Till

**LOWER CRETACEOUS**

**Coal Harbour Group**

HC Sandstone, siltstone, conglomerate

**UPPER TRIASSIC to MIDDLE JURASSIC**

**Bonanza Group**

**"Bonanza Volcanics"**

JB Undivided  
 JB1 Andesite  
 JB2 Andesite lapilli/ash tuff  
 JB3 Rhyolite: flow foliated  
 JB4 Diolite  
 JB5 Basalt  
 JB6 Sedimentary rock  
 JB7 Basaltic hornfels

**"Bonanza Volcanics" altered facies**

JBa Undivided  
 JBa1 Silica, locally hydrothermal breccia  
 JBa2 Silica-pyrophyllite  
 JBa3 Silica-pyrophyllite-clay with abundant pyrite  
 JBa4 Clay (silica largely absent)  
 JBa5 Silica-chlorite-magnetite  
 JBa6 Sericite-chlorite-clay +/- pyrite  
 JBa7 Silica-breccia  
 JBa8 Silica-sericite-pyrite

**Parson Bay Formation**

uTP Impure limestone, calcareous mudstone, siltstone, shale, sandstone, volcanoclastic rocks, basaltic lithic tuff, pillow lava

**UPPER TRIASSIC**

**Vancouver Group**

**Quatsino Formation**

uTQ Banded to massive micritic to bioclastic limestone

**Karmutsen Formation**

uTKs Thin horizons of limestone near the top of the succession  
 uTK Aphanitic to coarsely plagioclase-phyric subaerial basalt, commonly amygdaloidal, local pillows and hyaloclastite

**INTRUSIVE ROCKS**

**TERTIARY**

**Intrusive Dykes, Sills and Stocks**

T1 Basalt

**EARLY to MIDDLE JURASSIC**

**Island Plutonic Suite**

J1 Undivided: medium to coarse grained, equigranular to porphyritic; granitoid rocks  
 J11 Diorite  
 J12 Quartz feldspar porphyry  
 J13 Granodiorite  
 J14 Monzonite

**Minor Intrusions**

JBI Mafic intrusions inferred to be "Bonanza" age

**GEOCHEMISTRY**

**Cu\_ppm Histogram**  
 1.0cm = 1000 ppm

**Mo\_ppm Histogram**  
 1.0cm = 100 ppm

**Au\_ppm Histogram**  
 1.0cm = 1 ppm

**EOH**

50 metres

**WESTERN COPPER CORPORATION**

HUSHAMU PROPERTY  
 Cougar Zone  
**Cross Section**  
**XS EC-246**  
 Looking 295°

DATE: JUN 2007  
 SCALE: 1:1000  
 UTM Zone: UTM9 - NAD83  
 PROJECT: Hushamu  
 SHEET: 92L  
 REGION: BC

**6g**