



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

ASSESSMENT REPORT  
 TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] ROCK SAMPLING AND DIAMOND DRILLING... BEAVIS PROPERTY TOTAL COST \$236,187.58

AUTHOR(S) K. MASTALERZ SIGNATURE(S) K. Mastalerz

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-1-772 of APRIL 18, 2008 YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4245603, NOV 08, 2008

PROPERTY NAME BEAVIS

CLAIM NAME(S) (on which work was done) 201971, 362488, 362490, 569233  
and 567668

COMMODITIES SOUGHT GOLD, SILVER

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 104N 007 (WRONGLY PLOT ON MTC!)

MINING DIVISION ATLIN NTS 104N.062

LATITUDE 59° 35' 29" LONGITUDE 133° 43' 37" (at centre of work)

OWNER(S)  
 1) Gary LEE 2) SATURN MINERALS INC.

MAILING ADDRESS  
P.O. Box 31800 410-890 WEST PENDER ST.  
WHITEHORSE, YUKON Y1A6L3 VANCOUVER, BC, V6C 1J9

OPERATOR(S) (who paid for the work)  
 1) SATURN MINERALS INC. 2) \_\_\_\_\_

MAILING ADDRESS  
410-890 WEST PENDER ST.  
VANCOUVER, BC, V6C 1J9

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
METAVOLCANICS, METASEDIMENTS, ULTRAMAFICS, QUARTZ AND  
CARBONATE VEINS, LATE PALEOZOIC - MIDDLE JURASSIC CACHE CREEK  
TERRANE, OPHIOLITE/ACCRETIONARY COMPLEX, LISTWANITE ALTE-  
RATION, GOLD/SILVER-BEARING QUARTZ/CARBONATE VEINS

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

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock <u>109 (ICP, Au, Ag)</u>		<u>approx</u>	<u>\$ 30,000.00</u>
Other _____			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core <u>854.96 m, 8 HOLES, NTW</u>			<u>\$ 206,187.58</u>
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
<b>PROSPECTING (scale, area)</b> _____			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
			<b>TOTAL COST</b> <u>\$ 236,187.58</u>

**BC Geological Survey  
Assessment Report  
30553**

ROCK SAMPLING AND DIAMOND DRILLING - 2008 PROGRAM  
ON THE BEAVIS PROPERTY,  
NORTHWESTERN BRITISH COLUMBIA.  
ASSESSMENT REPORT

Claims involved:

201971, 390357, 390358, 362488, 362489, 362490, 362491, 362492, 569220, 569223,  
567667, 567668, and 569589

Work done on:

201971, 362488, 362490, 569223 and 567668.

ATLIN MINING DIVISION

BCGS 104N.052 and 104N.062

Approximate coordinates of the centre of the property:

59° 35'29" North and 133° 43' 37" West  
UTM (NAD83): 6606505N, 571985E (Zone 8)

Owners: Gary Lee of Whitehorse, Yukon Territory and Saturn Minerals Inc., Vancouver, BC

Operator: Saturn Minerals Inc., Vancouver, BC

SOW 4245603

By

Krzysztof Mastalerz, Ph.D., P.Geo.

Submitted: February 12<sup>th</sup>, 2009  
Amended version submitted: October 20<sup>th</sup>, 2009

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ROCK SAMPLING AND DIAMOND DRILLING – 2008 EXPLORATION PROGRAM  
ON THE BEAVIS PROPERTY,  
NORTHWESTERN BRITISH COLUMBIA.  
ASSESSMENT REPORT  
(BCGS 104N.052 and 104N.062)

## 1. INTRODUCTION

### 1.1. Location and Access

The Beavis property is located approximately 2 kilometres northeast of the town of Atlin, in northwestern British Columbia (Fig. 1). The group of 13 contiguous mineral claims (Table 1) covers the area immediately adjacent to the eastern shore of Atlin Lake (Fig. 2). The property is located on BCGS map sheets 104N.052 and 104N.062 and is centered approximately at latitude 59° 35' 29" North and longitude 133° 43' 37" West (UTM: 6606505N, 571985E (Zone 8; NAD 83)). The property is 314.7 hectares in area (Fig. 2).

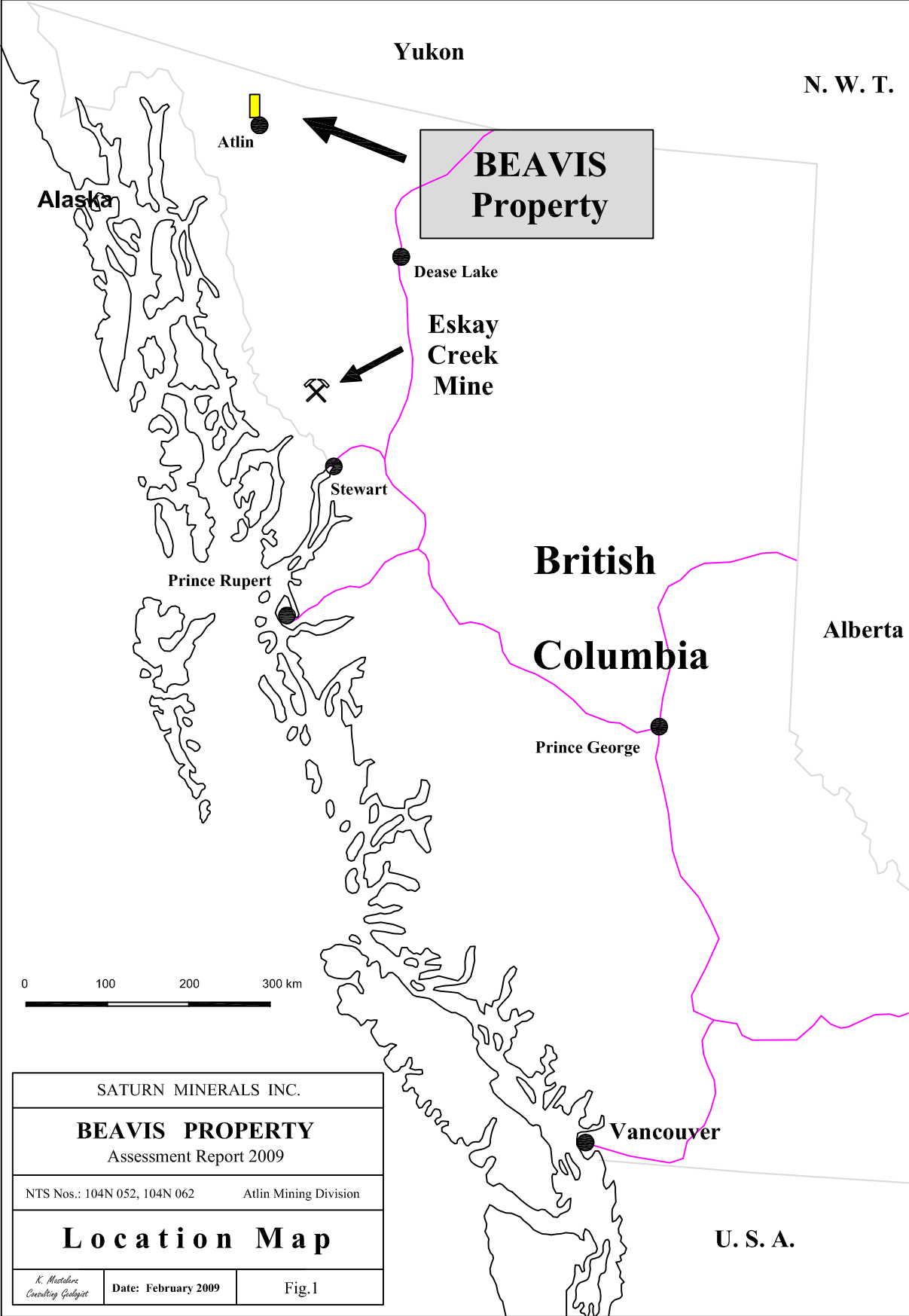
Access to the property is by a 1 km paved road from the centre of the town of Atlin and then by 1 km of gravel/dirt road to the property. A series of narrow and winding bush roads and trails provide further access to various parts of the property.

### 1.2. Physiography, Vegetation and Climate

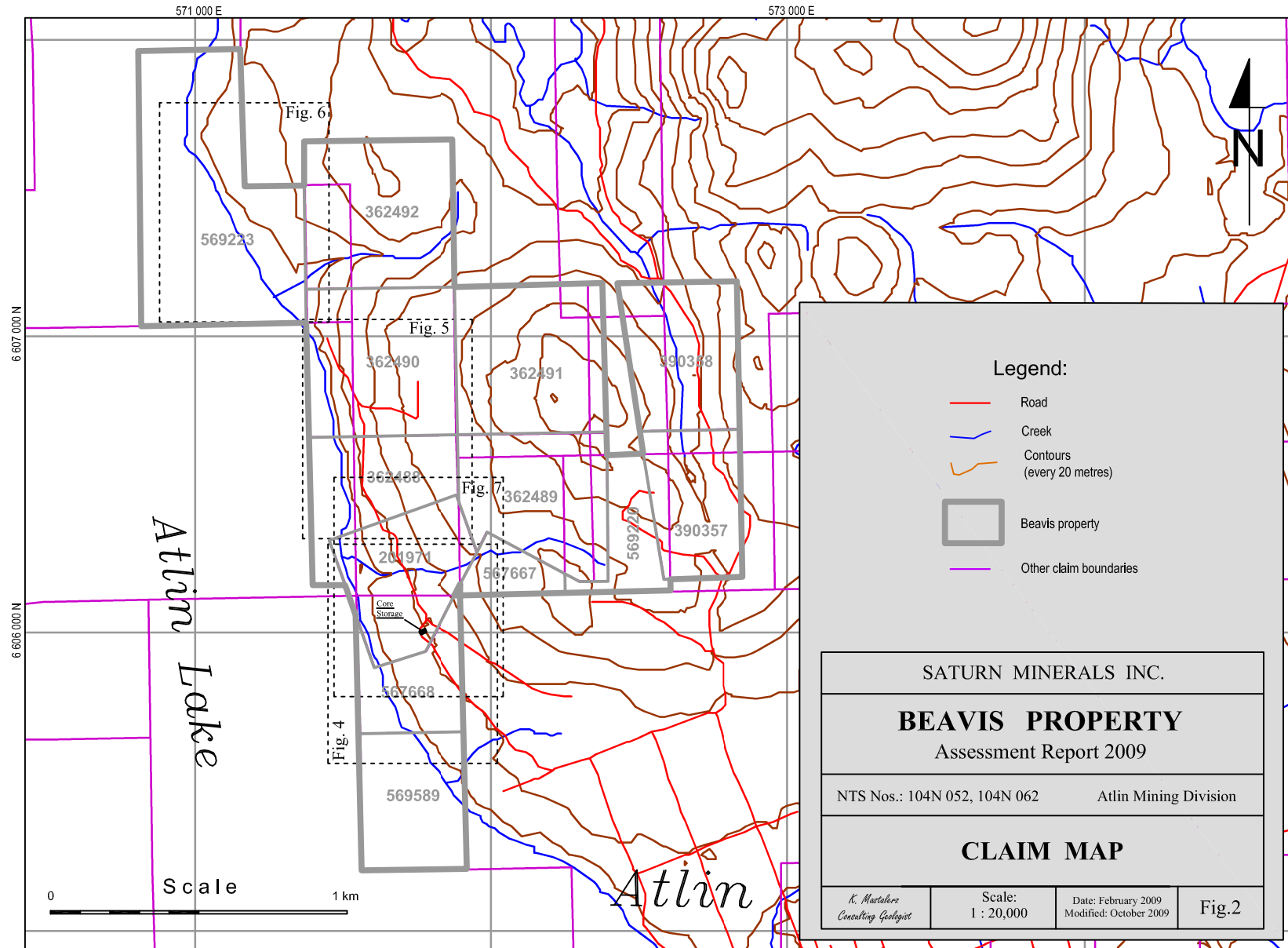
The Beavis property is situated along the eastern shoreline of Atlin Lake between the mouth of Fourth of July and Pine Creeks, in northwestern British Columbia. Topography of the property ranges from gently to moderately sloping rolling hills. A 10-20 metre-high, sparsely vegetated bluff is typical of the Atlin Lake shoreline. Some narrow gravelly beaches are developed locally along the lake shore in the southernmost and northernmost parts of the property. There are no perennial creeks on the property. Elevations vary from approximately 668 metres along the shoreline of Atlin Lake to 800-820 locally at the top of the hills in the eastern part of the property.

The property lies entirely below tree-line (1000-1200) metres a.s.l. and arborescent vegetation prevails with a mixture of poplar and lodge-pole pine. Steeper slopes are characterized by buckbrush and grass.

Outcrop exposure is poor to moderate and accounts for less than 5% of the total area of the property. Several poor quality outcrops of the bedrock still exist, exposed by previous trenching activity. The bluff along the Atlin Lake shore provides numerous good-quality outcrops of bedrock formations.



SATURN MINERALS INC.		
<b>BEAVIS PROPERTY</b>		
Assessment Report 2009		
NTS Nos.: 104N 052, 104N 062		Atlin Mining Division
<b>Location Map</b>		
<i>K. Mitchell</i> Consulting Geologist	Date: February 2009	Fig.1





Most of the property is free of snow from May through September/October. Summer daily temperatures vary from 10 to 30°C. However, the weather is frequently unstable due to strong winds generated at the Juneau Icefield and channeled toward the north along Atlin Lake.

### 1.3. Property Definition and Claim Information

The Beavis property is located in the Atlin Mining Division (Fig. 2) and comprises 13 contiguous mineral claims totaling 314.7 hectares. Most of the property (11 claims) is owned by Mr. Gary C. Lee of Whitehorse, Yukon Territory. These claims are under option to Saturn Minerals Inc. of Vancouver, British Columbia. Two additional claims were staked by Saturn in 2007 to cover gaps existing between older claims of the original property and to extend the northern part of the property. Claim information is listed below.

Table 1. Claim Status of the Beavis Property, Atlin Mining Division

<b>Tenure Number</b>	<b>Area</b>	<b>Good To Date</b>	<b>Owner</b>
201971	25	2019/March/11	Gary C. Lee
390357	25	2019/Oct/22	Gary C. Lee
390358	25	2019/Oct/22	Gary C. Lee
362488	25	2019/May/10	Gary C. Lee
362489	25	2019/May/10	Gary C. Lee
362490	25	2019/May/10	Gary C. Lee
362491	25	2019/May/10	Gary C. Lee
362492	25	2019/May/10	Gary C. Lee
569220	16.39	2018/Nov/10	Saturn Minerals Ltd.
569223	49.14	2018/Nov/10	Saturn Minerals Ltd.
567667	16.39	2018/Nov/10	Gary C. Lee
567668	16.39	2018/Nov/10	Gary C. Lee
569589	16.39	2018/Nov/10	Gary C. Lee

Saturn Minerals Inc. of Vancouver, BC, optioned the property in late 2007 and became the operator. Expiry dates listed above are contingent upon acceptance of this assessment report, according to SOW, event 4245603 filed on November 08<sup>th</sup>, 2008.

### 1.4. History

The history of mining near Atlin commenced with the discovery of placer gold on Pine Creek by Fritz Miller in 1897. By the end of 1989, more than 3000 people camped in the Atlin area. The most important placer gold production came from only 8 creeks – Spruce, Pine, Birch, Boulder, Ruby, Otter, Wright and McKee. From 1898 to 1946, approximately 635,000 ounces of gold were recovered from the creeks in the Atlin Camp (Holland, 1950). Although the total placer gold production from the area to date is not known, it is estimated to exceed 1 million ounces (Ash, 2001).

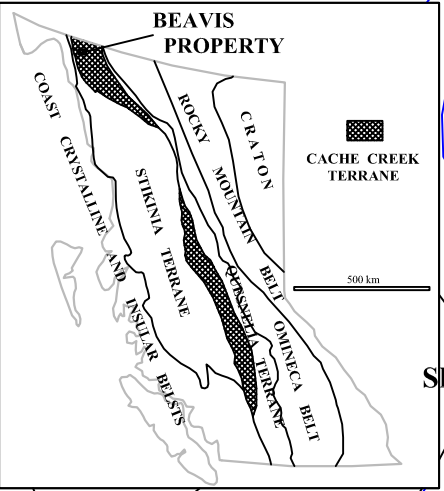
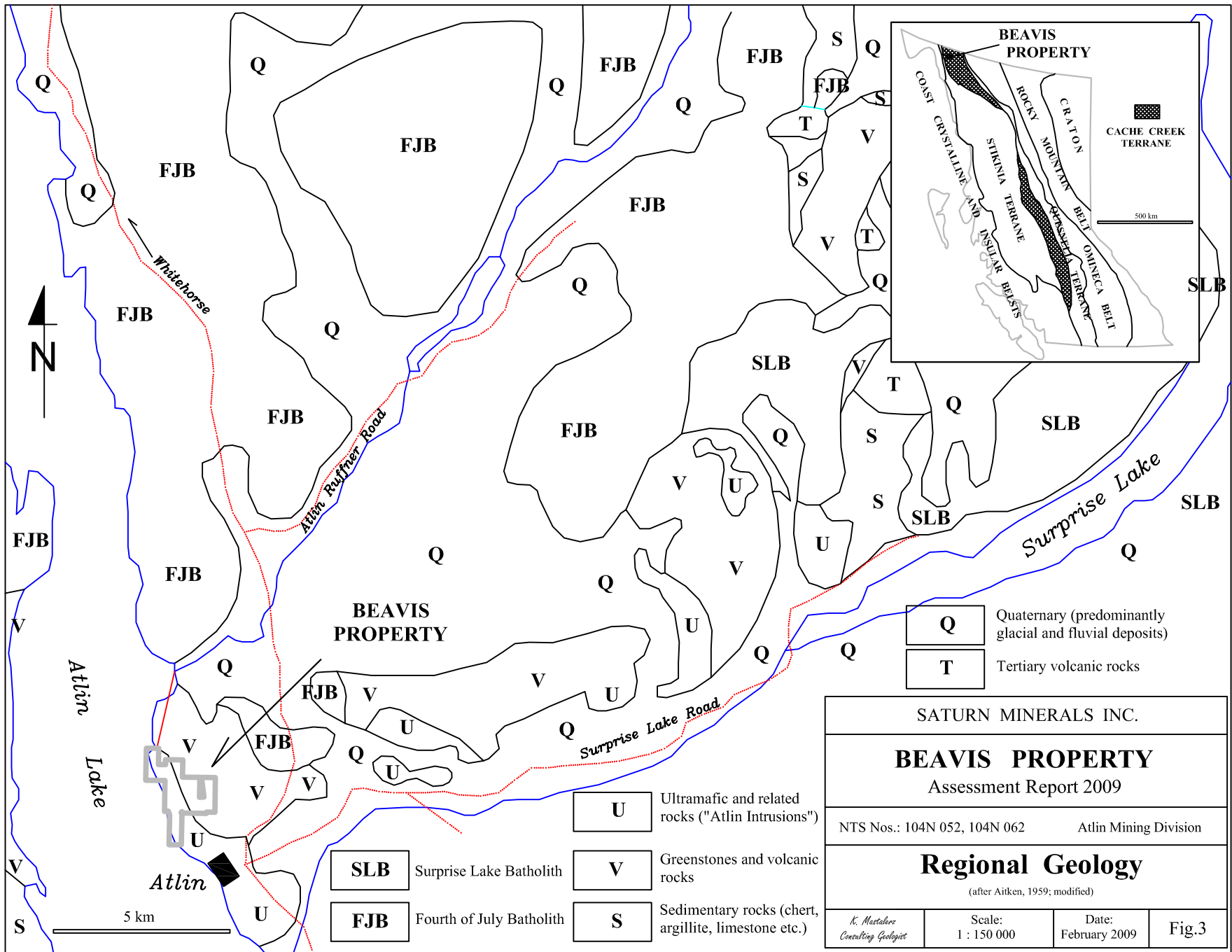
Gold-bearing quartz veins were first discovered in the Atlin area probably in 1898. Such veins discovered in the immediate areas of the placer gold started to be considered as the source of placers (e.g. Aitken, 1959, Ash and Arksey, 1990a, b). Soon after, most of the recently known hard-rock showings, namely: Pictou, Anaconda, Beavis, Golden View, were discovered. However, Imperial mine was the only recorded lode gold producer, which mined 268 tonnes averaging 13 grams per tonne (Bloodgood et al., 1989).

The first geological mapping of the Atlin area was completed by Aitken in 1959. J.W.H. Monger (1975) mapped some specific areas in the northern Cache Creek terrane and provided the first tectonic synthesis of the area. Bloodgood et al. (1989) conducted 1:50000 scale geological mapping of the Atlin map area.

More recently, in 1981, Yukon Revenue Mines Ltd. re-examined the Lakeview property and showed low-grade gold values over a broad zone of a quartz stockwork developed in a listwanite alteration zone in serpenitites and ultramafics (Gonzalez and Dandy, 1987). In 1986, Homestake acquired the Yellowjacket showing on Pine Creek, east of Atlin. Preliminary drilling intersected several intervals of considerably high gold grades in a quartz stockwork with 1-2% pyrite, which was hosted by carbonatized to talcose (advanced listwanite alteration) ultramafics. More recently, MuskoX reported bonanza gold grades over numerous intervals in a few diamond drill holes on the same property (Prize Mining Corp. News Release, Apr 28, 2004). In 2007-2008 Saturn Minerals Inc. conducted exploration programs on the McKee Creek hard-rock property, which included prospecting, preliminary mapping and diamond drilling of 4 drill holes.

The mineralization on the area of the present-day Beavis property was probably first discovered in 1898 or 1999. During this time, the Beavis shaft was sunk (concurrently with the Yellowjacket shaft and the Anaconda adit) to evaluate the occurrence of lode gold. Most work on the Beavis mine occurred from 1902 (or 1904?) through 1908. In 1908, Gold Group Mining Company has sunk a 60-metres deep shaft and probably three underground levels (MTO showing 104N052). In 1981, Archer, Cathro & Associates Ltd. pumped water out of the underground workings of the Beavis mine and conducted limited re-sampling from the 55' level, which resulted in assays reaching up to 0.7 ounces per ton gold. In 1986-87, Nansen Mining Corporation conducted soil sampling and trenching programs on the Beavis property, which revealed several narrow and elongated, but discontinuous gold anomalies. In 1987, BYG Resources Ltd. made an attempt at rehabilitation of the old mine workings. In 1991, Mr. Gary C. Lee conducted geophysical (magnetometer) and geochemical (soil sampling) surveys on the property.

Several samples taken from the Beavis mine tailings by Saturn personnel during late 2007 and early summer 2008 returned encouraging grades of precious metals, including one sample from the whitish, banded quartz vein which assayed 1196 g/tonne gold and 573 ppm silver (Table 2). Similarly, some samples collected from other parts of the property, especially from so called "Phillips Vein" returned from a few to several grams per tonne gold. Lode gold on the property is usually accompanied by a strong silver mineralization (Table 2).



- Q** Quaternary (predominantly glacial and fluvial deposits)
- T** Tertiary volcanic rocks

- U** Ultramafic and related rocks ("Atlin Intrusions")
- V** Greenstones and volcanic rocks
- S** Sedimentary rocks (chert, argillite, limestone etc.)

- SLB** Surprise Lake Batholith
- FJB** Fourth of July Batholith

SATURN MINERALS INC.		
<b>BEAVIS PROPERTY</b>		
Assessment Report 2009		
NTS Nos.: 104N 052, 104N 062		Atlin Mining Division
<b>Regional Geology</b>		
<small>(after Aitken, 1959; modified)</small>		
<i>N. Mustadore</i> Consulting Geologist	Scale: 1 : 150 000	Date: February 2009
		Fig.3

## 2. TECHNICAL DATA AND INTERPRETATION

### 2.1. Regional Geology

The Beavis property is situated in the northwestern part of the Cache Creek terrane (also called Atlin terrane or Atlin complex), in northwestern British Columbia (Fig. 3). This terrane is bounded to the west by the Stikinia terrane along the Nahlin fault which is regarded as a suture zone related to the Jurassic accretion and thrust faulting of these two lithotectonic units (Bloodgood et al. 1989). The eastern boundary of the Atlin terrane (complex) runs along the Thibert Creek fault and separates it from more severely deformed and metamorphosed rocks to the northwestern Quesnellia and Yukon-Tanana terranes.

The Atlin complex comprises a package of detached and strongly tectonically deformed remnants of the Late Paleozoic to Late Triassic Tethyan oceanic crust formations and ocean floor deposits. Its allochthonous origin is proven by exotic fauna of the fusulinid foraminifers and conodonts (Monger et al., 1982). It is interpreted as a complex lithotectonic unit related to the long lasting ocean crust evolution, volcanic arc development of the Quesnellia and Stikinia, ocean closure by subduction, and finally, the Middle Jurassic terrane accretion and localized ocean crust obduction (Monger et al., 1982). The rocks of the Atlin complex show generally sub-greenschist metamorphic facies and display distinct, NW-SE trending, tectonic fabric.

There occur numerous irregular bodies of ultramafic rocks (Permian?) in the Atlin complex. These bodies, known elsewhere as the “Atlin intrusions”, and interpreted before as “younger intrusions” (Aitken, 1959), do not show thermal contacts nor other signs of contact metamorphism, and have to be considered as the Alpine type ultramafics. Such bodies usually resulted from serpentinite-peridotite diapirism (relatively low-temperature) occurring within orogenic belts, due to extremely ductile-prone reology of these rocks under high pressure and elevated temperature.

The lithostratigraphic scheme of the Cache Creek terrane near Atlin is still only simplified in spite of several attempts at formalization. It is partly due to the complex nature of an overall structure and predominance of tectonic contacts between individual component units. All the lithostratigraphic end-members (frequently of rather lithotectonic character) of the terrane are included into the Cache Creek Group. Basaltic volcanic rocks and associated volcanoclastics are grouped into the Nakina Formation, while sedimentary end-members, predominantly chert and argillites are classified into the Kedahda Formation. However, original contacts between individual lithologies of these two lithostratigraphic units are generally unknown since they form rather consistently individualized tectonic units (lithotectonic units).

Structural geology of the Atlin area is dominated by the effects of a strong deformation in transpressional and partly strike-slip regimen, related to formation of an accretionary prism

and to overthrusting of detached units one upon another along the western margin of the North American continent.

Elsewhere, the area of the Atlin complex is punctuated by large-scale granitoid plutons which frequently display discordant intrusive contacts. The Fourth of July Creek batholith and Surprise Lake batholith are the most prominent intrusive bodies in Atlin vicinities. The Fourth of July Creek batholith is considered as one of the oldest post-kinematic intrusions of the northern Intramontane realm and is partly dated as old as 172 Ma (Mihalynuk et al., 1992). The intrusion is believed to be emplaced after the accretion of the Quesnellia-Cache Creek-Stikinia terrane complex to the North American continent (Nelson and Culpron, 2007).

## 2.2. Property Geology

The Beavis property is underlain by a complex of strongly diversified lithologic units with the most prominent volcanoclastics of basaltic, andesitic and dacitic(?) composition (most of these rocks with considerable admixture of sedimentary material), metasediments, mafic to ultramafic, as well as some intrusive dykes of variable composition. The property overlies the contact between the two distinct lithological domains shown on Aitken's geological map (1959) – the ultramafic-mafic complex (“Atlin intrusions”) and the “greenstone-volcanic greywacke” (including minor meta-sediments) complex. The contact zone strikes from NNW to SSE and dips very steeply toward ENE.

The rocks of the Beavis property have been subjected to a strong tectonic deformation which included steep faulting, brecciation and development of shear zones, variable degrees of fracturing, development of tectonic fabric up to a phase of the incipient shear bands and to a related, complex folding. The rock complexes are cut by numerous discordant veins of various composition, including, quartz, quartz-carbonate, calcite and, less frequently, magnesite and chalcedony. Some of these veins are accompanied by pyrite mineralization. A stockwork pattern of thin veins has developed locally. The rocks of the property are frequently overprinted by the listwanite assemblage alteration. The alteration products include variable degrees of serpentinization, carbonatization, argillization and silicification. Some alteration zones include development of talc-sericite assemblage and mariposite. The style of deformation and alteration encountered on the Beavis property is typical of ophiolitic-to-accretionary complexes and regional zones of a tectonic *mélange*.

The gold mineralization known from the Beavis property is related to quartz, quartz-carbonate veins and zones of strong silicification, which all are associated with stronger effects of listwanite assemblage alteration. Most of the veins and mineralized zones, including the Beavis and Phillips structures, strike at 120-150 degrees with a very steep dip toward the northeast. Some smaller-scale structures and veins of similar character tend to strike at approximately 060-075 degrees and show subvertical dips. Pyrite is predominant sulfide mineral and appears as disseminations, fracture and veinlet infills, blebs and regular idiomorphic crystals in drusy veins. Massive to semimassive pyrite was discovered during the course of the 2008 drilling program. Massive and semimassive pyrite is frequently

accompanied by subordinate chalcopyrite. Pyrrhotite was found as disseminations in strongly serpentinized mafic to intermediate fragmental volcanics. In some veins pyrite is accompanied by traces of galena, sphalerite, chalcopyrite and arsenopyrite. Gold mineralization is believed to be related either to fine native gold or is included in pyrite-arsenopyrite, though no reliable mineralogical study is known to the author of this report.

### 2.3. Mineralization types

The Beavis property is located in the area known from four main types of mineral occurrences in hardrock settings (Aitken, 1959; see also Petersen 1985, Ash and Arksey 1990, Ash 2001):

- porphyry type stockwork molybdenum deposits and showings related to late, post-kinematic alaskite intrusives (e.g. Ruby Creek),
- silver-base metals (sometimes with subordinate gold) vein deposits (e.g. Atlin Ruffner),
- listwanite-type gold deposits and showings (e.g. Yellowjacket, Beavis, Anaconda) and
- wolframite showings in quartz, usually drusy, veins.

However, placer gold, which has been mined in several creeks near Atlin was the most important factor of the local economy for a long period of time, starting from its discovery by the end of 19<sup>th</sup> century.

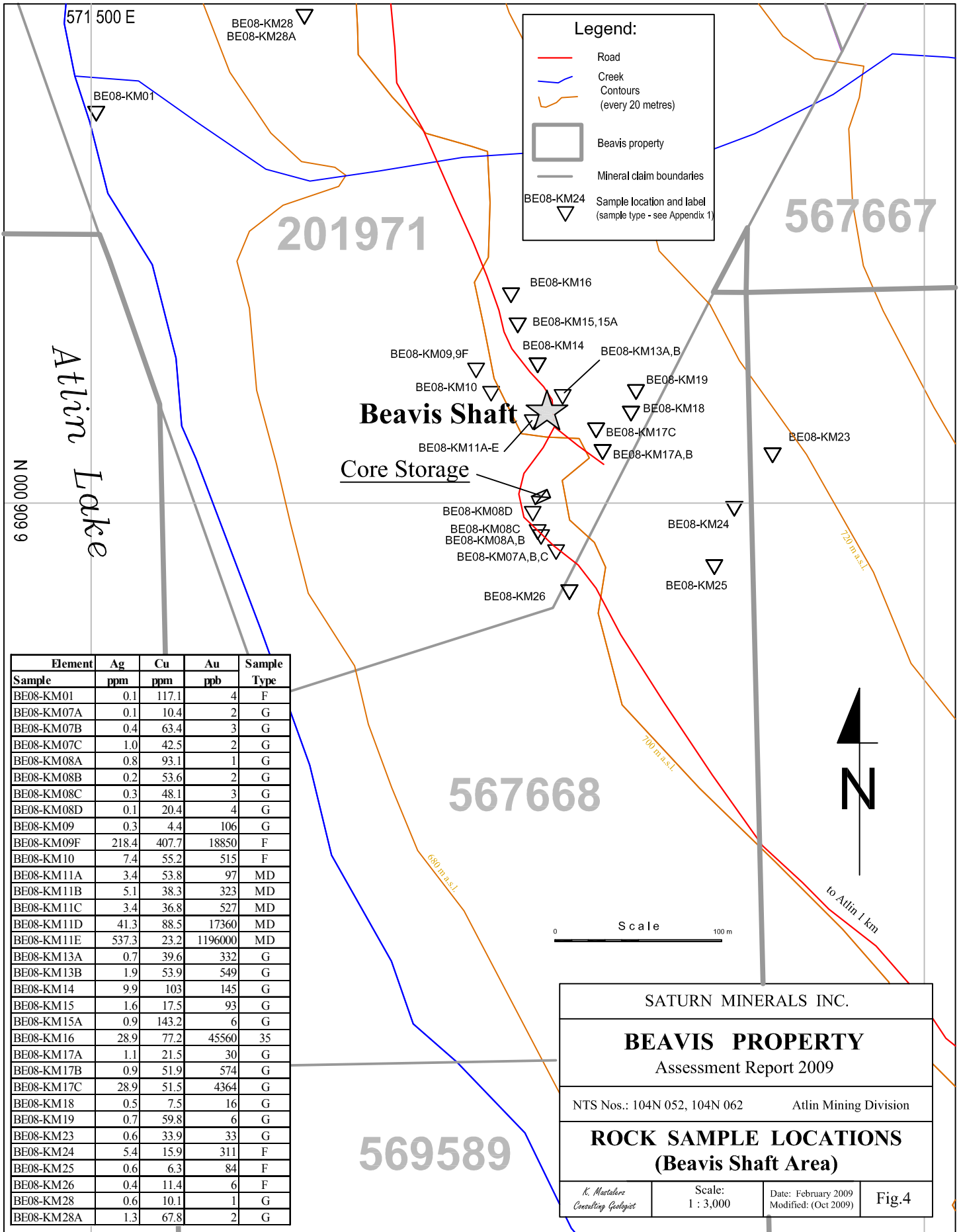
The Beavis property is known best from the Beavis shaft showing (MTO showing 104N052 – wrongly plot on the MTO maps!) which is located in the southern part of the property. The mineralization consists of quartz and carbonate vein-and-breccia zone hosted within a strongly tectonically deformed complex of ultramafic, fragmental meta-volcanics, minor meta-sediments and intrusive rocks. The mineralization zone is accompanied by strong alteration of listwanite assemblage including serpentinization, carbonatization and development of characteristic chrome mica – mariposite. In 1987, the “Phillips vein” was discovered in the west-central part of the property, during Archer-Cathro’s trenching and soil sampling program.

### 2.4. Results of the 2008 Rock Sampling Program

The two-phase Saturn 2008 exploration program on the Beavis property consisted of:

- reconnaissance rock sampling and
- diamond drilling of eight drill holes.

The reconnaissance rock geochemistry program was conducted during late spring 2008. The sampling was confined to selected areas and was designed to provide more specific information on the character and grade of mineralization before selecting targets for diamond drilling. A significant number of samples comes from outcrops situated along the Atlin lakeshore bluff to provide the most representative available geological cross-section



SATURN MINERALS INC.

**BEAVIS PROPERTY**

Assessment Report 2009

NTS Nos.: 104N 052, 104N 062 Atlin Mining Division

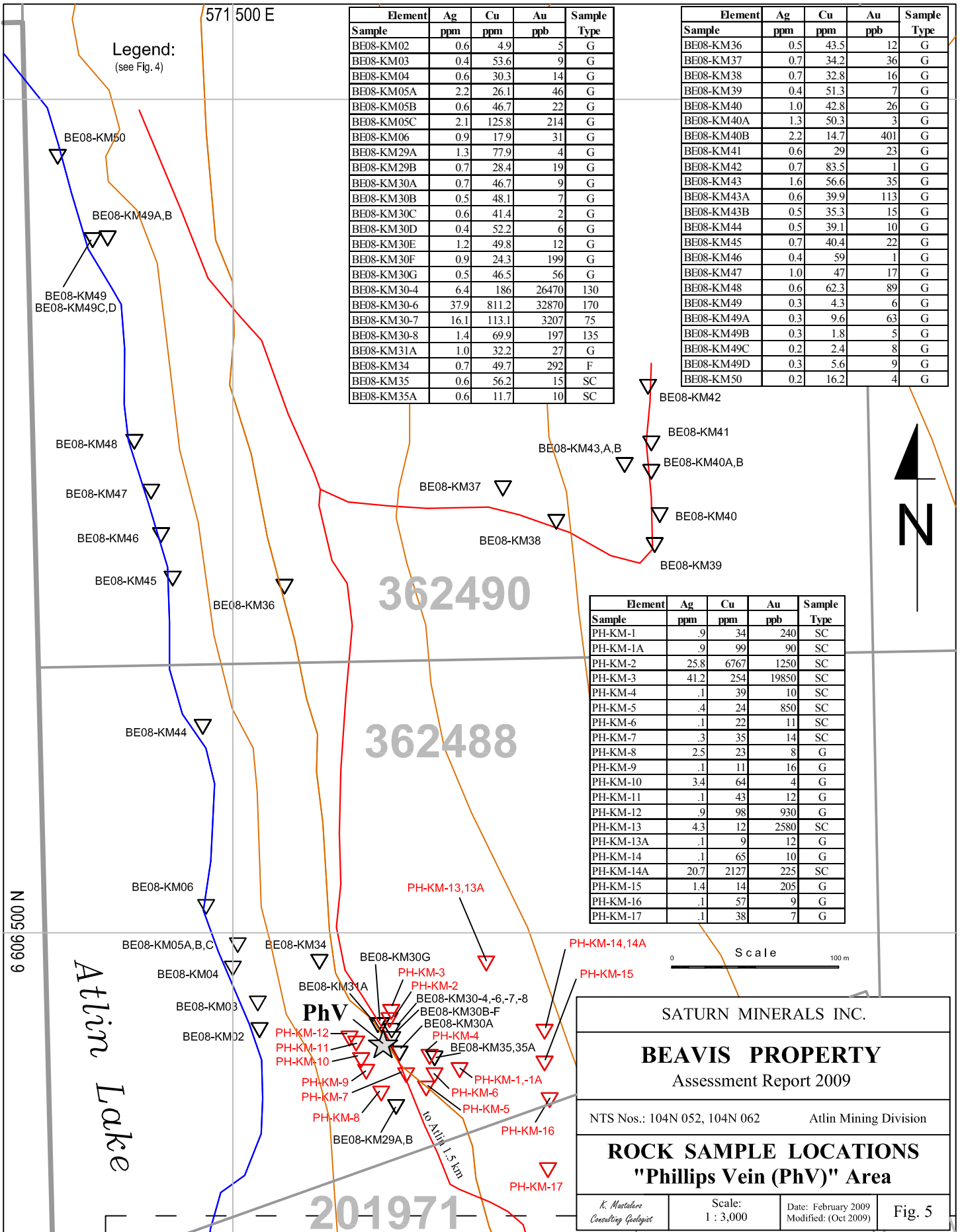
**ROCK SAMPLE LOCATIONS  
(Beavis Shaft Area)**

*K. Mustalov*  
Consulting Geologist

Scale:  
1 : 3,000

Date: February 2009  
Modified: (Oct 2009)

Fig.4



Legend:  
(see Fig. 4)

Sample	Element Ag ppm	Cu ppm	Au ppb	Sample Type
BE08-KM02	0.6	4.9	5	G
BE08-KM03	0.4	53.6	9	G
BE08-KM04	0.6	30.3	14	G
BE08-KM05A	2.2	26.1	46	G
BE08-KM05B	0.6	46.7	22	G
BE08-KM05C	2.1	125.8	214	G
BE08-KM06	0.9	17.9	31	G
BE08-KM29A	1.3	77.9	4	G
BE08-KM29B	0.7	28.4	19	G
BE08-KM30A	0.7	46.7	9	G
BE08-KM30B	0.5	48.1	7	G
BE08-KM30C	0.6	41.4	2	G
BE08-KM30D	0.4	52.2	6	G
BE08-KM30E	1.2	49.8	12	G
BE08-KM30F	0.9	24.3	199	G
BE08-KM30G	0.5	46.5	56	G
BE08-KM30-4	6.4	186	26470	130
BE08-KM30-6	37.9	811.2	32870	170
BE08-KM30-7	16.1	113.1	3207	75
BE08-KM30-8	1.4	69.9	197	135
BE08-KM31A	1.0	32.2	27	G
BE08-KM34	0.7	49.7	292	F
BE08-KM35	0.6	56.2	15	SC
BE08-KM35A	0.6	11.7	10	SC

Sample	Element Ag ppm	Cu ppm	Au ppb	Sample Type
BE08-KM36	0.5	43.5	12	G
BE08-KM37	0.7	34.2	36	G
BE08-KM38	0.7	32.8	16	G
BE08-KM39	0.4	51.3	7	G
BE08-KM40	1.0	42.8	26	G
BE08-KM40A	1.3	50.3	3	G
BE08-KM40B	2.2	14.7	401	G
BE08-KM41	0.6	29	23	G
BE08-KM42	0.7	83.5	1	G
BE08-KM43	1.6	56.6	35	G
BE08-KM43A	0.6	39.9	113	G
BE08-KM43B	0.5	35.3	15	G
BE08-KM44	0.5	39.1	10	G
BE08-KM45	0.7	40.4	22	G
BE08-KM46	0.4	59	1	G
BE08-KM47	1.0	47	17	G
BE08-KM48	0.6	62.3	89	G
BE08-KM49	0.3	4.3	6	G
BE08-KM49A	0.3	9.6	63	G
BE08-KM49B	0.3	1.8	5	G
BE08-KM49C	0.2	2.4	8	G
BE08-KM49D	0.3	5.6	9	G
BE08-KM50	0.2	16.2	4	G

Sample	Element Ag ppm	Cu ppm	Au ppb	Sample Type
PH-KM-1	.9	34	240	SC
PH-KM-1A	.9	99	90	SC
PH-KM-2	25.8	6767	1250	SC
PH-KM-3	41.2	254	19850	SC
PH-KM-4	.1	39	10	SC
PH-KM-5	.4	24	850	SC
PH-KM-6	.1	22	11	SC
PH-KM-7	.3	35	14	SC
PH-KM-8	2.5	23	8	G
PH-KM-9	.1	11	16	G
PH-KM-10	3.4	64	4	G
PH-KM-11	.1	43	12	G
PH-KM-12	.9	98	930	G
PH-KM-13	4.3	12	2580	SC
PH-KM-13A	.1	9	12	G
PH-KM-14	.1	65	10	G
PH-KM-14A	20.7	2127	225	SC
PH-KM-15	1.4	14	205	G
PH-KM-16	.1	57	9	G
PH-KM-17	.1	38	7	G

SATURN MINERALS INC.

**BEAVIS PROPERTY**  
Assessment Report 2009

NTS Nos.: 104N 052, 104N 062      Atlin Mining Division

**ROCK SAMPLE LOCATIONS**  
**"Phillips Vein (PhV)" Area**

*K. Mastalerz*  
Consulting Geologist

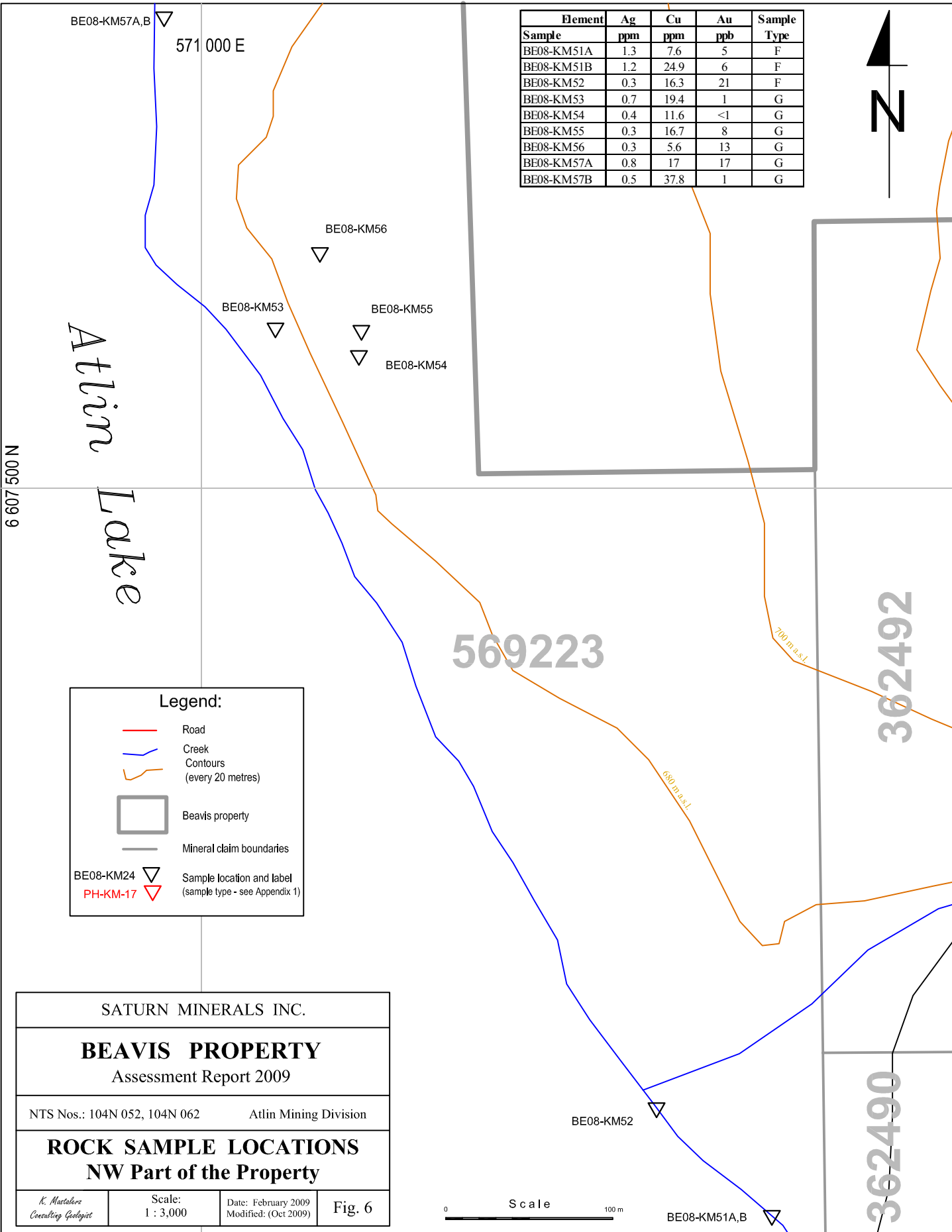
Scale:  
1 : 3,000

Date: February 2009  
Modified: (Oct 2009)

Fig. 5



Element	Ag	Cu	Au	Sample
Sample	ppm	ppm	ppb	Type
BE08-KM51A	1.3	7.6	5	F
BE08-KM51B	1.2	24.9	6	F
BE08-KM52	0.3	16.3	21	F
BE08-KM53	0.7	19.4	1	G
BE08-KM54	0.4	11.6	<1	G
BE08-KM55	0.3	16.7	8	G
BE08-KM56	0.3	5.6	13	G
BE08-KM57A	0.8	17	17	G
BE08-KM57B	0.5	37.8	1	G



**Legend:**

- Road
- Creek
- Contours (every 20 metres)
- Beavis property
- Mineral claim boundaries
- BE08-KM24 Sample location and label (sample type - see Appendix 1)
- PH-KM-17 Sample location and label (sample type - see Appendix 1)

SATURN MINERALS INC.			
<b>BEAVIS PROPERTY</b>			
Assessment Report 2009			
NTS Nos.: 104N 052, 104N 062		Atlin Mining Division	
<b>ROCK SAMPLE LOCATIONS</b>			
<b>NW Part of the Property</b>			
<i>K. Mastalerz</i> Consulting Geologist	Scale: 1 : 3,000	Date: February 2009 Modified: (Oct 2009)	Fig. 6



of the property. A total of 89 rock samples were collected during that stage of the exploration project. Additionally, 20 rock samples were collected in the close vicinity of the Phillips Vein in August, just before the drilling project. These samples were designed to provide more information on the strike and mineralogical character of the vein/structure itself, as well as to shed some light on the alteration pattern near the vein/structure.

The sample locations and descriptions are listed in Appendix 1, and complete analytical results of the rock sampling program are contained in Appendix 2. Figures 4 through 6 show sample locations and selected analytical results. Sample locations were tied by a hand-held Garmin GPS unit.

Table 2. The most significant results of the rock sampling program (for sample locations see Appendix 1 and Figs. 4 through 6, complete analytical results – Appendix 2).

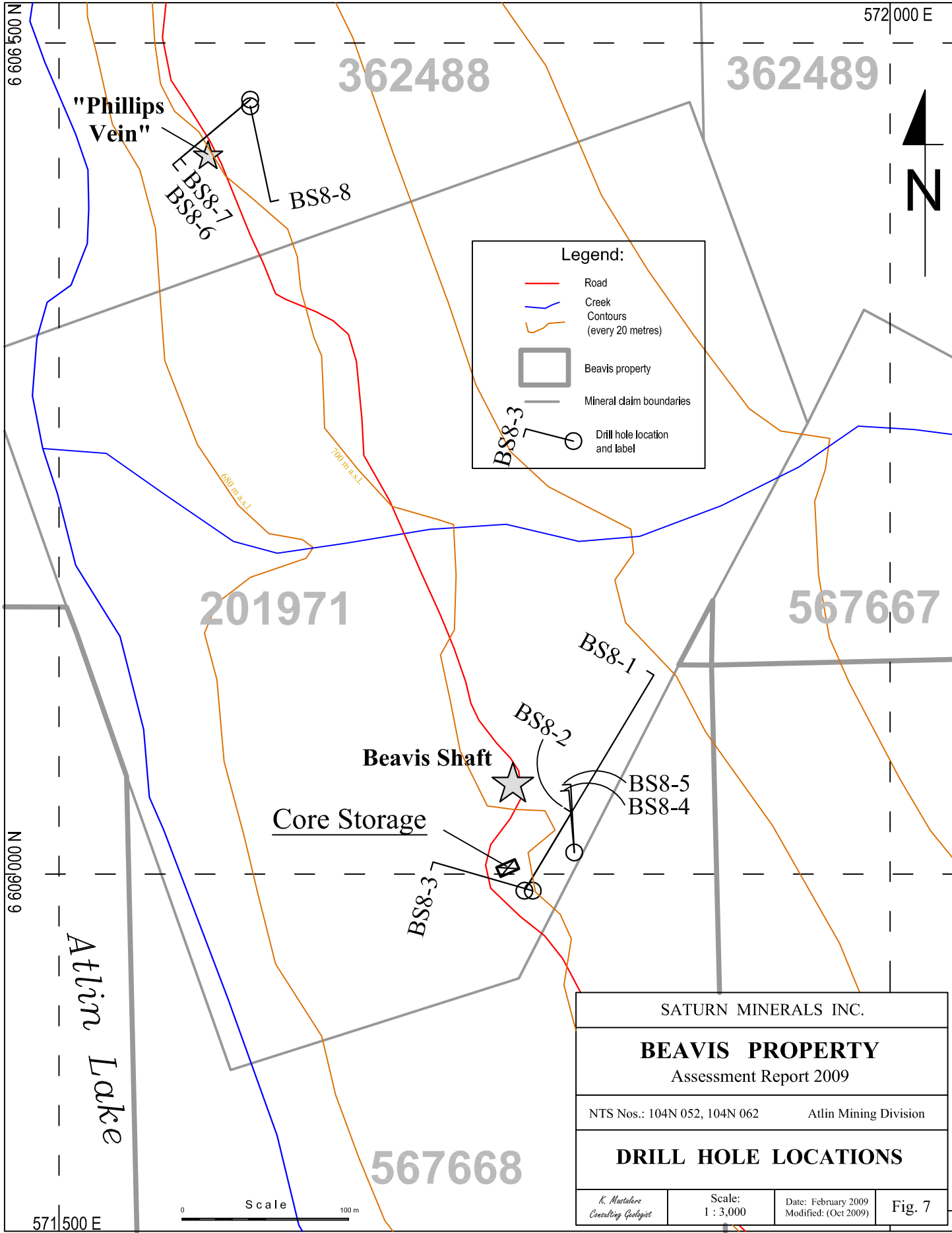
Rock Sample	Sample Type*	Gold (Au) g/t or ppb	Silver (Ag) ppm	Copper (Cu) ppm	Arsenic (As) ppm	Antimony (Sb) ppm	Bismuth (Bi) ppm
BE08-KM09F	F	18.85 g/t	218.4	407.7	84.5	51.6	0.1
BE08-KM11D	MT	17.36 g/t	41.3	88.5	134.5	35.7	0.1
BE08-KM11E	MT	1196.00 g/t	537.3	23.2	26.8	17.2	<0.1
BE08-KM16	C-35cm	45.56 g/t	28.9	77.2	33.3	15.2	0.1
BE08-KM17C	G	4364 ppb	28.9	51.5	22.9	27.7	0.2
BE08-KM30-4	C-130cm	26.47 g/t	6.4	186.0	339.3	12.8	913.0
BE08-KM30-6	C-170cm	32.87 g/t	37.9	811.2	595.4	13.3	846.7
BE08-KM30-7	C-75cm	3207 ppb	16.1	113.1	108	9.4	261.4
PH-KM-2	SC	1250 ppb	25.8	6767	340	<2	39
PH-KM-3	SC	19850 ppb	41.2	254	153	13	936
PH-KM-12	G	930 ppb	0.9	98	238	8	55
PH-KM-13	SC	2580 ppb	4.3	12	15	4	<10
PH-KM-14A	SC	225 ppb	20.7	2127	376	54	<10

\*Sample types: F – float, MT – mine tailings, SC – grab from subcrop, G – grab, C-130 cm – chip sample (length in cm)

The results of the rock sampling program prove the existence of the high-grade gold-bearing system on the property. The most common association of the higher-grade gold mineralization is with the strongly silicified (replacement?) zones and/or quartz and quartz-carbonate veins and breccias, which are frequently hosted in listwanite alteration zones. Such zones are typified by development of chrome-rich mica, mariposite, with characteristic intense deeply green color. The most intense effects of the listwanite alteration on the Beavis property are related to the steeply dipping zones of tectonic discontinuities striking at 120-150 degrees and 60-75 degrees.

## 2.5. Results of the 2008 Drilling Program

Eight diamond drill holes totaling 854.96 metres (2,805 feet) were drilled from 3 pads to test a few selected high-grade gold (+/- silver) targets located in the Company's 2008 surface reconnaissance rock sampling program (Fig. 7, Table 3). Diamond drilling services were provided by Kluane Drilling of Whitehorse, Yukon. The company used NTW rods (core diameter 44 millimeters). Drilling started on August 13<sup>th</sup> and was terminated on



August 30<sup>th</sup>. Several additional days were spent on final core logging, marking sample intervals, splitting core, packing and shipping core samples, preparing storage for core, and on reclamation work on drill sites. The drilling program and sampling were supervised by the author on behalf of Saturn Minerals Inc. The summary of the drilling results are presented in Table 4. The complete drill logs are presented in Appendix 3 and a set of complete analytical results of core samples in Appendix 4.

Table 3. Diamond drill holes locations and navigation data.

Drill Hole	UTM		Elevation [m a.s.l.]	Azimuth [°]	Inclina- tion [°]	TD [m]	Target
	Easting	Northing					
BS8-01	571780	6605990	698	31	-45	213.36	Beavis –eastern extension
BS8-02	571780	6605990	698	31	-60	109.73	Beavis –eastern extension
BS8-03	571783	6605990	698	286	-47	91.44	Strong low-mag anomaly
BS8-04	571810	6606013	701	355	-45.5	53.34	Beavis –eastern extension
BS8-05	571810	6606013	701	357	-59.5	80.77	Beavis –eastern extension
BS8-06	571615	6606464	702	230	-50	85.34	Phillips structure
BS8-07	571615	6606464	702	230	-62	129.54	Phillips structure
BS8-08	571615	6606460	702	168	-50	91.44	Phillips structure

The core samples were designed to test lithological and mineralogical variability of the host rocks and mineralized zones and the samples were collected over intervals considerably shorter than 1.52 metres (Appendix 3 and 4). A total of 305 core samples were collected and shipped, via Air North, to Pioneer Lab in Richmond, B.C. All core samples were analyzed by standard ICP (induced couple plasma) method for 30 elements involving an aqua regia digestion and for gold by geochem method. A complete set of certified analyses and assay results is shown in Appendix 4.

Table 4. Summary of the drilling results (weighted averages).

Drill Hole	From	To	Interval	Gold (Au)	Silver (Ag)	Remarks (target)
	m	m	m	g/t	g/t	
<b>BS8-1</b>	<b>73.60</b>	<b>73.80</b>	<b>0.20</b>	<b>7.99</b>	<b>3.8</b>	<b>Beavis</b>
and:	<b>125.50</b>	<b>127.65</b>	<b>2.15</b>	<b>0.40</b>	<b>0.9</b>	<b>Beavis footwall</b>
and:	<b>133.43</b>	<b>134.25</b>	<b>0.82</b>	<b>3.75</b>	<b>7.8</b>	<b>Beavis footwall</b>
and:	<b>141.46</b>	<b>143.26</b>	<b>1.80</b>	<b>0.39</b>	<b>4.4</b>	<b>Beavis footwall</b>
and:	<b>195.41</b>	<b>196.95</b>	<b>1.54</b>	<b>1.62</b>	<b>5.2</b>	<b>Massive sulfide</b>
<b>BS8-2</b>	<b>103.18</b>	<b>104.55</b>	<b>1.37</b>	<b>0.23</b>	<b>2.4</b>	<b>Beavis</b>
<b>BS8-3</b>	<b>No significant results</b>					<b>Low Mag anomaly</b>
<b>BS8-4</b>	<b>24.90</b>	<b>26.00</b>	<b>1.10</b>	<b>0.70</b>	<b>4.4</b>	<b>Beavis hangingwall</b>
and:	<b>43.15</b>	<b>45.18</b>	<b>2.03</b>	<b>0.39</b>	<b>7.5</b>	<b>Beavis?</b>
<b>BS8-5</b>	<b>71.08</b>	<b>71.63</b>	<b>0.57</b>	<b>0.88</b>	<b>0.8</b>	<b>Beavis</b>
<b>BS8-6</b>	<b>46.17</b>	<b>47.15</b>	<b>0.98</b>	<b>0.40</b>	<b>4.2</b>	<b>Phillips footwall</b>
and:	<b>50.10</b>	<b>51.82</b>	<b>1.72</b>	<b>0.67</b>	<b>1.2</b>	<b>Phillips footwall</b>

<b>BS8-7</b>	<b>63.23</b>	<b>64.35</b>	<b>1.12</b>	<b>0.35</b>	<b>-</b>	<b>Phillips footwall</b>
and:	<b>68.95</b>	<b>69.33</b>	<b>0.38</b>	<b>12.17</b>	<b>-</b>	<b>Phillips footwall</b>
<b>BS8-8</b>	<b>50.88</b>	<b>51.70</b>	<b>0.82</b>	<b>0.35</b>	<b>0.8</b>	<b>Phillips footwall</b>
and:	<b>71.29</b>	<b>72.43</b>	<b>1.14</b>	<b>0.29</b>	<b>0.6</b>	<b>?</b>

Drill holes BS8-1, -2, -4 and -5 (Figs. 8 and 10) tested at depth the postulated southeastern extension of the Beavis vein/structure, as indicated by surface mineralization. Drilling demonstrated that the vein pinches at depth, and gold and silver values are much lower than on surface. The Beavis structure remains untested at greater depths in the shaft area and toward the northwest.

Drill hole BS8-3 (Fig. 9) tested a strong negative magnetic anomaly interpreted in terms of the advanced listwanite alteration. The hole intersected a wide, complex zone of vuggy silification in muddy matrix-rich lapili tuffs, but gold mineralization was not significant.

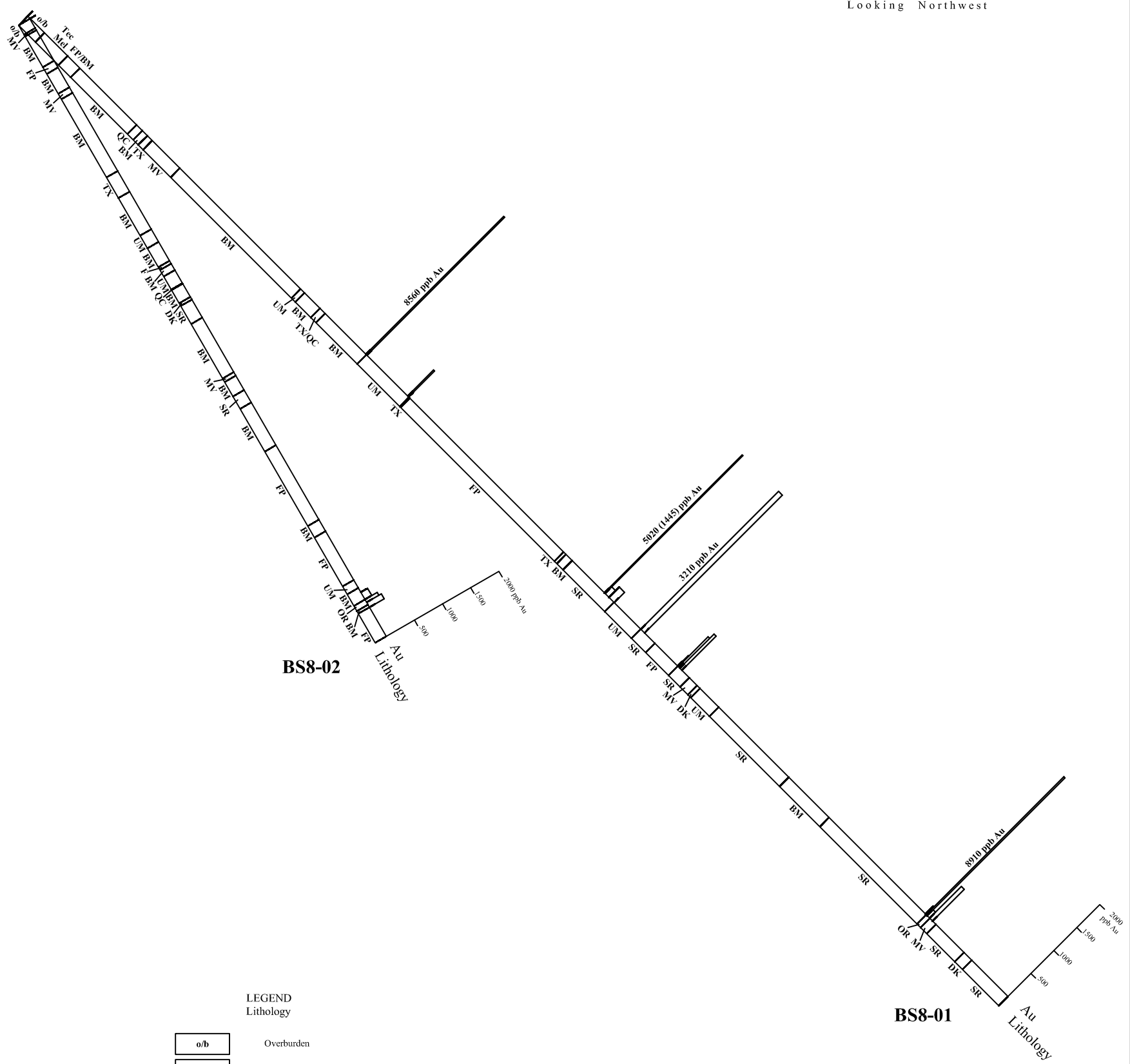
Drill holes BS8-6, -7 and -8 (Figs. 11 and 12) tested the Phillips mineralized structure where surface chip sampling returned assays of 32.87 g/t gold and 37.9 g/t silver over 1.70 metres. The holes intersected several intervals of listwanite alteration and pyrite mineralization, but only subordinate intercepts of quartz veining were encountered. All the holes are believed to have intersected the footwall portion of the Phillips structure, and only lower grade mineralization was encountered.

Of special interest is the discovery of a zone of crudely layered massive sulphide mineralization situated within approximately 120 metres in the footwall of the Beavis vein (BS8-1). The mineralization is hosted by stratified volcanoclastic rocks displaying selective silicification. Ore minerals include predominantly massive to semimassive pyrite with subordinate disseminated pyrrhotite and chalcopyrite. The uppermost layer of massive pyrite assayed 8.9 g/t gold (check assayed 8.1 g/t gold) and 18.7 g/t silver over 0.23 metres, with strongly elevated levels of copper and bismuth. The mineralized zone appears to dip steeply toward the west and is probably coincident with a prominent VLF conductor established in the course of historic exploration (Lee, 1991). This newly discovered mineralized zone suggests pre-deformational genesis, and may represent a syngenetic style of mineralization related to submarine volcanic activity during the ocean island arc development of the area.

#### Core recovery

The quality of the recovered core material was predominantly satisfactory for reliable assessment of its mineralogical character and geometry, as well as for approximate assessment of the expected grade of mineralization. The core recovery varied usually between 90 and 100%. The only intervals which displayed considerably lower recovery – down to 60-70% - were limited to shallow, oxidized and frequently strongly weathered intercepts. Recoveries were also frequently slightly lowered in fault gouges, the zones of stronger fracturing and brecciation and in vuggy to cavernous intervals, and ranged from 85 to 95%.

Azimuth 031°  
Looking Northwest



**LEGEND**  
Lithology

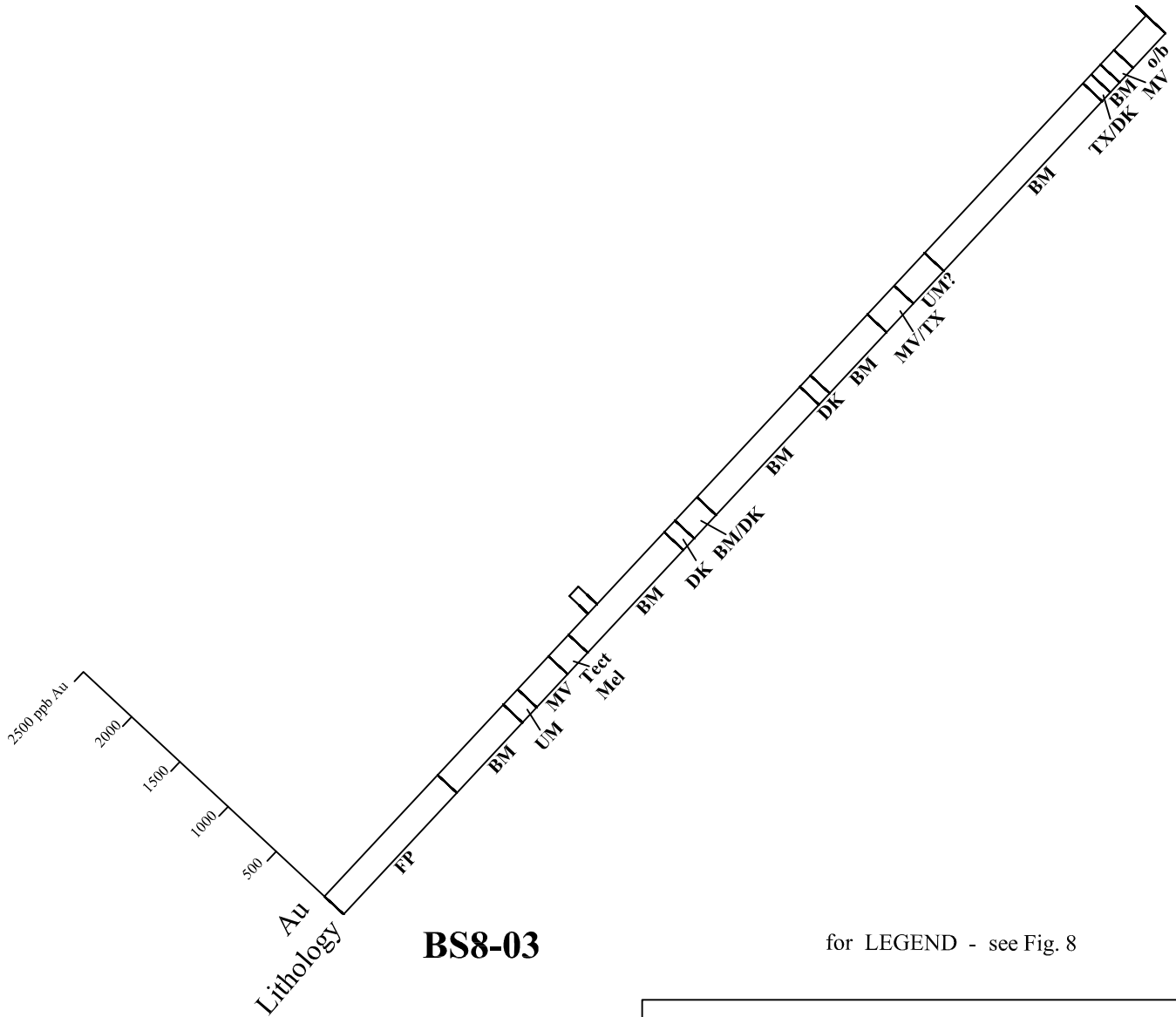
o/b	Overburden
BM	Fragmental volcanics with black matrix of tuffaceous mudstone
MV	Metavolcanics (greenstone facies)
MS	Metasediments (mostly meta-cherits)
SR	Serpentine
UM	Ultramafic (+/- mafic) rocks, mostly pyroxene-phyric
FP	Feldspar porphyry, meta-intrusive
DK	Dyke, predominantly mafic
QC	Quartz and/or carbonate veins, breccias, replacements
TX	Tectonic breccia, rarely cataclastic
F	Fault zone, gouge, zone of shearing
OR	Massive and/or semi-massive sulfides
TecMel	Tectonic melange; relatively thin slabs of variable lithologies with tectonic contacts

0 SCALE 25 m

SATURN MINERALS INC.			
<b>BEAVIS PROPERTY</b>			
Assessment Report 2009			
NTS Nos.: 104N.052, 104N.062		Atlin Mining Division	
<b>Drill Holes BS8-01 and BS8-02</b>			
LITHOLOGY and GOLD (Au) ASSAYS			
<i>K. Mastalerz</i> Consulting Geologist	Scale: 1 : 750	Date: February 2009	Fig. 8

Azimuth 286°

Looking North

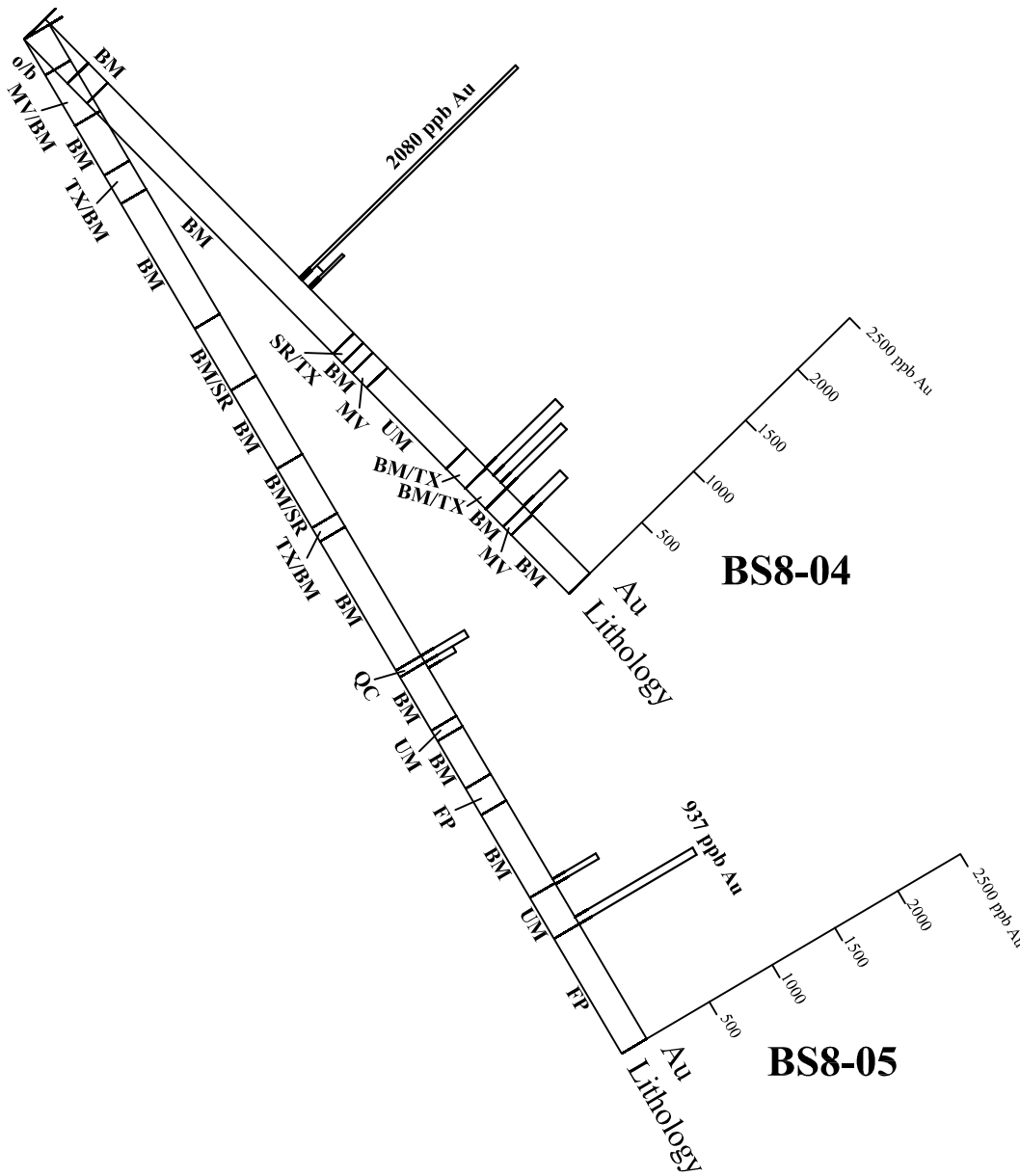


for LEGEND - see Fig. 8

SATURN MINERALS INC.			
BEAVIS PROPERTY			
Assessment Report 2009			
NTS Nos.: 104N.052, 104N.062		Atlin Mining Division	
<b>Drill Hole BS8-03</b>			
LITHOLOGY and GOLD (Au) ASSAYS			
<i>K. Mastalerz</i> Consulting Geologist	Scale: 1 : 500	Date: February 2009	Fig. 9

Azimuth 355°

Looking West



for LEGEND - see Fig. 8

SATURN MINERALS INC.

**BEAVIS PROPERTY**

Assessment Report 2009

NTS Nos.: 104N.052, 104N.062

Atlin Mining Division

**Drill Holes BS8-04 and BS8-05**

LITHOLOGY and GOLD (Au) ASSAYS

*K. Mastalerz*  
Consulting Geologist

Scale:  
1 : 500

Date:  
February 2009

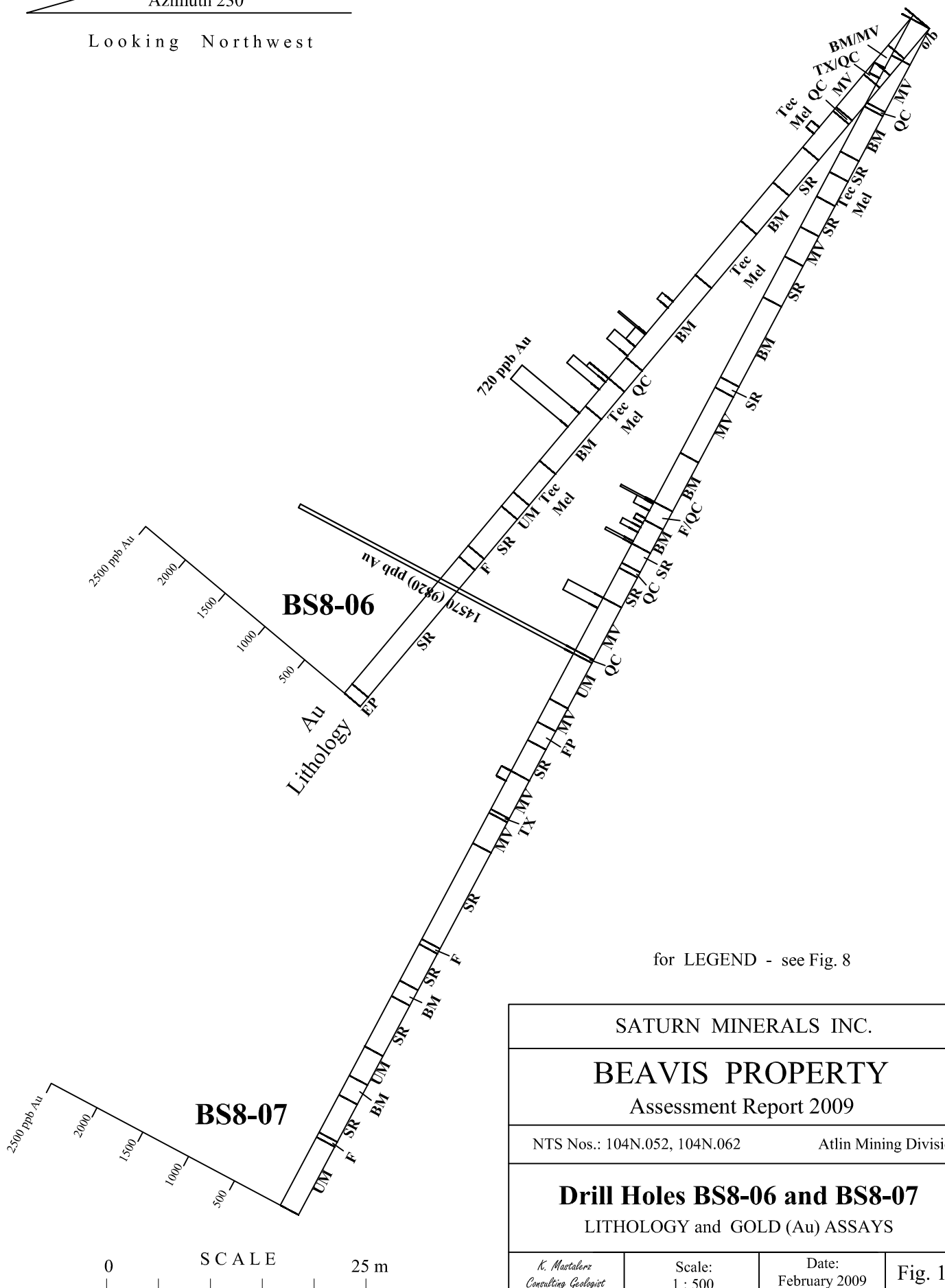
Fig. 10

0 SCALE 25 m



Azimuth 230°

Looking Northwest



for LEGEND - see Fig. 8

SATURN MINERALS INC.

### BEAVIS PROPERTY

Assessment Report 2009

NTS Nos.: 104N.052, 104N.062

Atlin Mining Division

### Drill Holes BS8-06 and BS8-07

LITHOLOGY and GOLD (Au) ASSAYS

*K. Mastalerz*  
Consulting Geologist

Scale:  
1 : 500

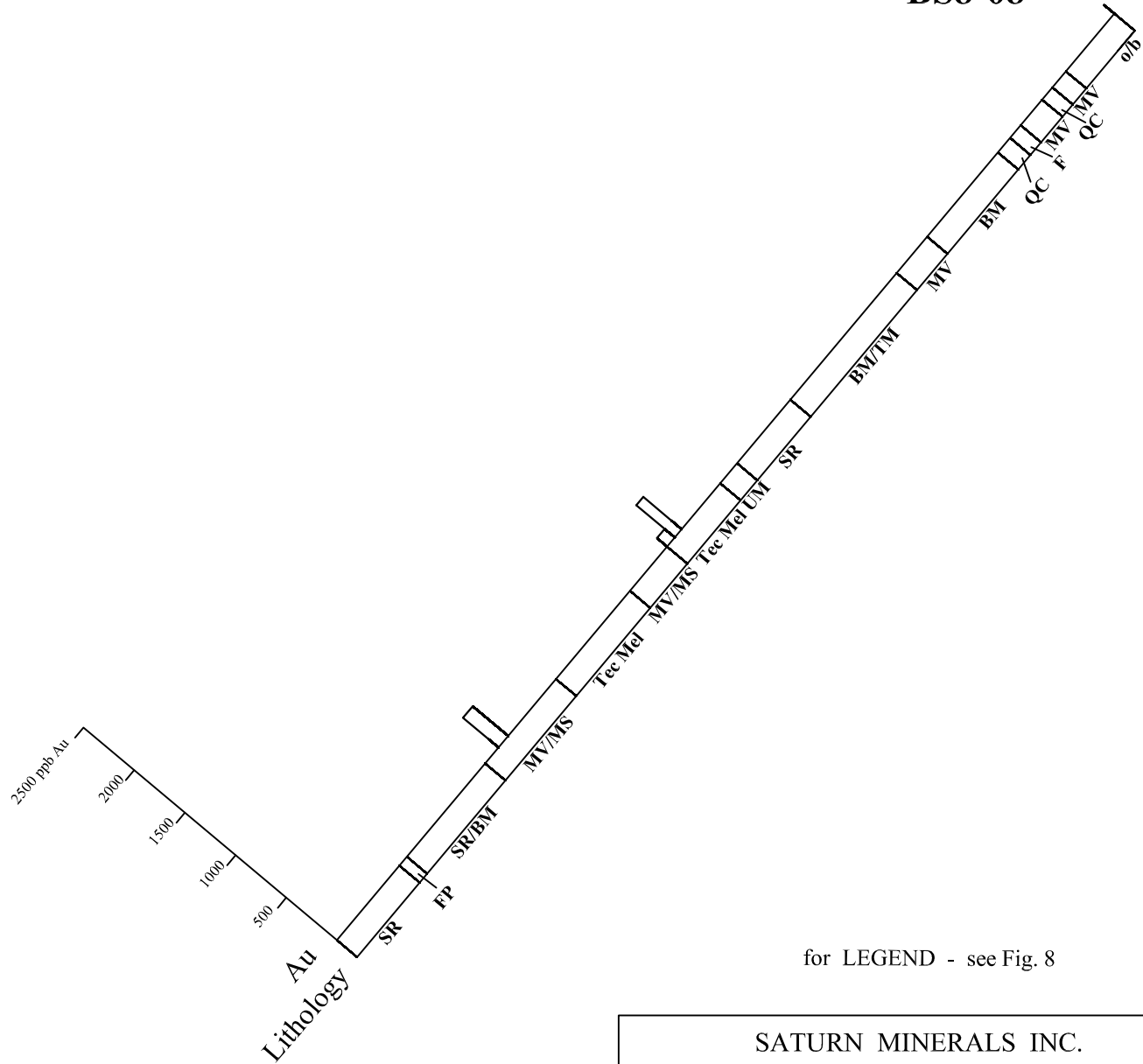
Date:  
February 2009

Fig. 11

Azimuth 168°

Looking West

**BS8-08**



for LEGEND - see Fig. 8

0 SCALE 25 m

SATURN MINERALS INC.

**BEAVIS PROPERTY**

Assessment Report 2009

NTS Nos.: 104N.052, 104N.062

Atlin Mining Division

**Drill Hole BS8-08**

LITHOLOGY and GOLD (Au) ASSAYS

*K. Mastalerz*  
Consulting Geologist

Scale:  
1 : 500

Date:  
February 2009

Fig. 12

### Quality control and assurance program

Sample preparation procedures used by Saturn personnel follow standard industry practice and professional guidelines. After logging drill core, the sample intervals were marked with metal tags and the core was split using a core splitter and/or a diamond saw. One half of the core was placed in a labeled plastic bag and the second half returned to the core box. The remnant core is stored on the property (Fig. 7).

A quality assurance/control program was implemented by means of appropriate gold standards and blank samples inserted randomly into the sequence of core samples. Some re-check analyses were conducted on selected samples to provide additional data on the repetitions of the lab results. The results of the quality control samples were monitored by the author and found to fit satisfactorily within acceptable ranges. Appendix 5 summarizes the results of the quality control program.

### 3. SUMMARY

The Beavis property is a gold exploration prospect located near the town of Atlin, northwestern British Columbia. The property lies within the northern segment of the Cache Creek terrane (Atlin terrane). The area of the property is underlain by a diversified suite of lithotectonic units which represent dismembered elements of the Late Palaeozoic-Mesozoic ocean lithosphere (ophiolite) and oceanic island arc, and which were subsequently accreted to the edge of the North American continent. The rock units display strong NW-trending tectonic fabric. Gold mineralization found on the property is associated with quartz and quartz-carbonate veins hosted in listwanite altered zones.

Gold mineralization on the Beavis property was first discovered in 1898-1899 and explored/exploited by the Beavis shaft. Several smaller-scale showings were discovered during the course of the exploration programs in the late XX century. In 2007 Saturn Minerals Inc. optioned the property and the company conducted reconnaissance rock sampling and preliminary diamond drilling program in 2008. This reports documents the results of these exploration programs.

A total of 109 rock samples were collected and analysed during the first stage of the program. Significant gold mineralization was encountered in several localities on the property including 32.87 g/t over 1.7-metre long chip sample within the Phillips structure and a spectacular 1196 g/t in a sample of a banded quartz vein from the Beavis shaft tailings.

Eight diamond drill holes totalling 854.96 metres (2,805 feet) were drilled from 3 pads to test a few selected high-grade gold (+/- silver) targets located in the Saturn's 2008 reconnaissance rock sampling program. A total of 305 core samples were collected and assayed. Drilling results demonstrated that the postulated southeastern extension of the Beavis vein/structure pinches at depth, and gold and silver values are much lower than on

surface. The Beavis structure remains untested at greater depths in the shaft area and toward the northwest. The three holes testing the Phillips structure intersected several intervals of listwanite alteration and pyrite mineralization, but only subordinate intercepts of quartz veining were encountered. All these holes are believed to have tested the footwall portion of the Phillips structure, and only lower grade mineralization was intersected.

Of special interest is the discovery of a zone of crudely layered massive sulphide mineralization situated within approximately 120 metres in the footwall of the Beavis vein in hole BS8-1). The uppermost layer of massive pyrite assayed 8.9 g/t gold (check assayed 8.1 g/t gold) and 18.7 g/t silver over 0.23 metres, with strongly elevated levels of copper and bismuth. This newly discovered mineralized zone suggests pre-deformational genesis, syngenetic style of mineralization.

The results of the Saturn's 2008 exploration program demonstrate the potential of the Beavis property to host an important gold mineralization. Further exploration work is warranted and recommended program is outlined herein.

#### 4. CONCLUSIONS and RECOMMENDATIONS

The current rock sampling was designed to provide a preliminary test of selected showings of gold mineralization on the Beavis property. The diamond drilling program tested strike and down dip continuity of mineralization of the Phillips structure and along the eastern extension of the Beavis mineralized structure. The Saturn exploration program demonstrates the potential of the Beavis property to host important gold mineralization and shows its convenient access and location in the region with significant mineral showings and deposits, warranting further exploration of this property. However, future exploration attempts should take into careful consideration actual economical conditions and have to be preceded by a realistic and precisely prepared business plan.

The results of the 2008 exploration program demonstrate a very complex character of the lithology and geological structure of the property. The primary components of the rock assemblages underlying the property originated as various end-members of the ocean floor and island arc suites, including various types of magmatic products (intrusive and volcanic rocks) and associated unconsolidated sediments and volcanoclastics, both of predominantly, mixed composition. Such primary geological settings are characterized by complex relationships between individual lithological units, great variability of contact types, complex geometry and rapid facies changes. Subsequently the area experienced numerous effects of a very advanced tectonic deformation typical of tectonic mélanges, which resulted from the development of an accretionary prisms. Very common are effects of brittle (strong brecciation, fracturing and faulting) and ductile (shearing, folding) styles of deformation. The rocks are also strongly overprinted by diversified effects of alteration processes. The character, grade and variability of mineralization and the complex internal structure of mineralized zones, all set serious limitations and dictates specific approach to the further exploration steps and development of the property.

In spite of a relatively long-lasting history of mineral exploration the geological structure of the property is still poorly documented and, consequently, poorly understood. Further property-scale geological mapping is strongly recommended before any other aspects of exploration are involved. Detailed geological mapping including structural observations and measurements should aid in much better understanding the orientation and continuity of the structures hosting mineralization. A complementary rock sampling program (150-180 rock samples) would provide the necessary information on the rock geochemistry. The later phase of mapping should be accompanied by hand-trenching and, preferably very limited, mechanical trenching. The knowledge gained from geological mapping is prerequisite to plan more advanced and expensive phases of the further exploration.

A mobile metal ions (MMI) soil geochemistry study is recommended to be conducted along the cross sections selected in result of geological mapping. The sensitivity of this method is considered to be of great importance in resolving geology and mineralization problems in the areas with deeper blanket of loose overburden.

Of special interest is the discovery of a zone of crudely layered massive sulphide mineralization situated in the deeper footwall of the Beavis vein (drill-hole BS8-1). The uppermost layer of massive pyrite assayed 8.9 g/t gold (check assayed 8.1 g/t gold) and 18.7 g/t silver over 0.23 metres, with strongly elevated levels of copper and bismuth. This newly discovered mineralized zone may document a pre-deformational genesis and syngenetic style of mineralization present on the property.

Further field work on the property should be preceded by a microscope study of polished thin-sections. This study appears to be very important in understanding the character of the gold mineralization associated with the newly discovered massive pyrite accumulation (deeper part of drill hole BS8-1; compare Table 4 and Fig. 8). This mineralization shows an apparent affinity to the primary volcanogenic massive sulphide mineralization type. The petrography/mineralogical study may also shed new light on the problem of the primary source of gold mineralization in the Atlin area, and generally, in listwanite assemblages which developed from the rock complexes representing island arc/ocean floor suites.

Table 5. Budget to recommended exploration program.

Item	Quantity	Approximate unit cost [\$]	Approximate total cost [\$]
Microscope study	12 polished thin sections (including descriptions)	250.00	3,000.00
Geological mapping	20 days	550.00	11,000.00
Field assistant	20 days	180.00	3,600.00
Hand trenching	10 trenches	225.00	2,250.00
MMI soil survey	6 lines		10,000.00
Accommodation	20 days	85.00	1,700.00
Food	20 days x 3 pers	60.00	3,600.00
Assaying	160	25.00	4,000.00
Fuel, rentals			2,500.00
Reporting and drafting			7,500.00
Total			49,150.00

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Respectfully submitted,

Krzysztof Mastalerz

## 6. WORK COST STATEMENT

<b>Item</b>	<b>Cost (\$CAD)</b>
Field Personnel – June 05 to September 24, 2008:	
Geologist (K. Mastalerz) 35 days @ \$650.00 per day	22,750.00
Field assistant (S. Szpila) 9 days @ \$160.00 per day	1,440.00
Field assistant and core split (R. Radomski) 18 days @ \$200.00 per day	3,600.00
Expediting and labour (Marc Elson) 6 days @ \$250.00 per day	1,500.00
Supervision (Mike Elson) 12 days @ \$350.00 per day	4,200.00
Core cutting (W. Boyko)	275.00
Cook (D. Poulin) 18 days @ \$267.18 per day	4,809.20
Food	4,043.94
Fuel	5,509.85
Lumber	283.65
Supplies	810.69
Small equipment	389.33
Drilling (Kluanie Drilling Ltd.) including logistics	148,104.48
Sample shipments and freight	1,651.74
Laboratory analytical costs (ICP, Assays)	12,315.60
Phone calls	584.33
Satellite phones	364.75
Rentals:	
Pickup 1	3,762.55
Pickup 2	2,277.00
Pickup 3	775.50
ATV	1,452.00
Travel	1,744.46
Hotel (June) BB	1,300.00
Accommodation	6,693.51
Report writing	4,800.00
Drafting for report	750.00
<b>Total cost</b>	<b>236,187.58</b>

Note 1: This report spans a period prior to and post (report preparation, laboratory analyses) the date of filing of the Statement of Work, namely, SOW 4245603 on November 08<sup>th</sup>, 2008. The amount filed per SOW was \$210,000.00 plus submission fee.

Note 2: Please credit the excess amount to the PAC account of the Saturn Minerals Inc.



## 7. CERTIFICATE OF PROFESSIONAL QUALIFICATIONS

I, Krzysztof Mastalerz, do hereby certify that:

1. I am a geologist with an office at 2005 Bow Drive, Coquitlam, B.C.
2. I am a graduate of the University of Wrocław, Poland, (M.Sc. in Geology in 1981, Ph.D. in 1990).
3. I am a Professional Geoscientist registered with the APEG of the province of British Columbia as a member, # 31243.
4. I have continually practiced my profession since graduation in 1981 as an academic teacher (University of Wrocław, A. Mickiewicz University of Poznań) through 1997, a research associate for the State Geological Survey of Poland (1993-1995), and independent consulting geologist in Canada and Peru since 1994.
5. This report is based upon field work carried on the Beavis property, near Atlin, B.C., from June 05<sup>th</sup> through September 24<sup>th</sup>, 2008.
6. I have, personally, conducted and/or supervised field work done on the Beavis property in 2008.
7. Interpretations and conclusions presented in this report are based on my field observations, analytical results and on previously published and archive literature available for the area.

Dated at Coquitlam, BC, this 11<sup>th</sup> day of February, 2009.

Krzysztof Mastalerz

## APPENDICES

- Appendix 1 – Rock Sample Locations and Descriptions
- Appendix 2 – Rock Sample Analytical Results – Laboratory Certificates
- Appendix 3 – Drill Hole Logs
- Appendix 4 – Core Sample Analytical Results – Laboratory Certificates
- Appendix 5 - Quality Assurance/Control Program

APPENDIX 1

Rock Sample Locations and Descriptions

Sample Label	UTM (NAD83, 8 Zone)			Type	Description
	East	North	Elev		
	[m]	[m]	[m]		
BE08-KM01	571503	6606235	668 m	F	Quartz-chalcedony vein with wall rock of carbonate altered greenstone
BE08-KM02	571516	6606443	672 m	G	Light brownish metavolcanics, brecciated with frags of chert material; weak carbonate alt'n; calcite veils
BE08-KM03	571515	6606459	672 m	G	Zone of numerous calcite veins and pods, minor quartz, in brecciated metavolcanic/chert
BE08-KM04	571500	6606480	669 m	G	Greenish metavolcanic (porphyritic andesite), locally calcite-quartz veins
BE08-KM05A	571503	6606494	670 m	G	Brownish andesitic metavolcanic/breccia with some cherty frags, some quartz veins
BE08-KM05B	571503	6606494	670 m	G	Chalcedony-quartz vein in mariposite alt'd zone of metaandesite
BE08-KM05C	571503	6606494	670 m	G	Brownish andesitic metavolcanic/breccia with some cherty frags, some quartz veins
BE08-KM06	571484	6606517	668 m	G	Quartz-carbonate veins in listwanite alt'd metaandesite
BE08-KM07A	571779	6605972	696 m	G	Blackish fractured/brecciated metachert, some silica impregnations
BE08-KM07B	571779	6605972	696 m	G	Brownish-to-black, fine-grained andesitic metavolcanic, locally silicified, moderate carbonate alt'n
BE08-KM07C	571779	6605972	696 m	G	Light brown to pinkish andesite metavolcanic, fine-grained, massive, incipient carbonate alt'n
BE08-KM08A	571770	6605981	692 m	G	Brownish-green andesite metavolcanic, fine grained, weak carbonate alt'n
BE08-KM08B	571770	6605981	692 m	G	Blackish-to-brown, very strongly fractured, friable schists
BE08-KM08C	571768	6605984	692 m	G	Lenses of andesitic metavolcanics in shaley section of the outcrop, carbonate alt'n
BE08-KM08D	571765	6605995	692 m	G	Dark gray chert, fractured, vuggy, locally thin irregular chalcedony veinlets and pods
BE08-KM09	571731	6606081	693 m	G	Brownish-rusty andesite metavolcanic, moderate carbonate-listwanite alt'n; rare quartz veins
BE08-KM09F	571731	6606081	693 m	F	Quartz veins with some wallrock of carbonate altered metaandesite
BE08-KM10	571740	6606067	694 m	F	Quartz veins, coarse-crystalline, white, in wallrock of dark grayish chert
BE08-KM11A	571762	6606053	696 m	MD	Light greenish, siliceous andesite metavolcanic, weak carbonate alt'n
BE08-KM11B	571765	6606050	698 m	MD	Dark grayish, spotty chert, brecciated, with some thin quartz veinlets/lenses
BE08-KM11C	571765	6606050	698 m	MD	Dark gray/black, siliceous breccia of metavolcanic and chert frags
BE08-KM11D	571765	6606050	698 m	MD	Irregular quartz-silica impregnations/pods with diffuse boundaries in greenish metavolcanics?
BE08-KM11E	571765	6606050	698 m	MD	Whitish to rusty quartz vein, coarse crystalline
BE08-KM13A	571783	6606065	703 m	G	Blackish, brecciated chert with some metavolcanic frags, weak carbonate alt'n
BE08-KM13B	571783	6606065	703 m	G	Brownish, carbonate alt'd andesite metavolcanic, with thin quartz veinlets

BE08-KM14	571768	6606084	702 m	G	Brownish, carbonate alt'd, andesite metavolcanics, few thin quartz veinlets
BE08-KM15	571756	6606108	698 m	G	Quartz veins in andesite metavolcanics showing distinct listwanite alt'n (mariposite)
BE08-KM15A	571756	6606108	698 m	G	Strongly silicified listwanite with abundant mariposite
BE08-KM16	571752	6606126	699 m	35	Brownish-rusty, strongly listwanite altered andesite metavolcanic with some quartz veins, siliceous
BE08-KM17A	571807	6606032	703 m	G	Greenish to brownish andesite metavolcanic, some 2 cm quartz veins
BE08-KM17B	571807	6606032	703 m	G	Blackish, sheared/brecciated chert
BE08-KM17C	571803	6606045	704 m	G	Quartz veins (up to 10-15cm) in brownish carbonate alt'd metavolcanic, locally cherty
BE08-KM18	571824	6606055	719 m	G	Brownish, andesite volcanic, carbonate alt'n, some thin calcite veins
BE08-KM19	571827	6606068	716 m	G	Blackish interbedded metachert and tuffaceous metasediments
BE08-KM23	571909	6606030	719 m	G	Light bluish-gray andesite volcanic, incipient carbonate alt'n locally
BE08-KM24	571886	6605998	714 m	F	Quartz pods, irregular bodies of brecciated texture, white, locally rusty
BE08-KM25	571874	6605963	709 m	F	Quartz veins in andesite metavolcanic, weak carbonate alt'n in wall rock of metavolcanic
BE08-KM26	571787	6605948	702 m	F	Tectonic breccia of chert and metaandesite, moderate carbonate alt'n
BE08-KM28	571628	6606293	691 m	G	Whitish porphyritic metaandesite, weak carbonate alt'n
BE08-KM29A	571598	6606397	696 m	G	Grayish to brownish, fine to medium grained andesite metavolcanic, very thin carbonate veins
BE08-KM29B	571598	6606397	696 m	G	Quartz and quartz-carbonate veins in metaandesite
BE08-KM30A	571600	6606429	698 m	G	Blackish tuffaceous-cherty metasediments to chert, fractured
BE08-KM30B	571599	6606431	698 m	G	Blackish tuffaceous-cherty metasediments, fractured, weak carbonate alt'n at the contact with volcanics
BE08-KM30C	571598	6606433	698 m	G	Greenish to slightly brownish andesite metavolcanic, incipient carbonate-listwanite alt'n
BE08-KM30D	571596	6606436	698 m	G	Blackish tuffaceous-cherty metasediments to chert, fractured, sheared
BE08-KM30E	571594	6606439	698 m	G	Brownish andesite metavolcanic, thin carbonate-quartz veinlets, carbonate alteration
BE08-KM30F	571591	6606444	698 m	G	Blackish tuffaceous-cherty metasediments, fractured, sheared
BE08-KM30G	571589	6606446	698 m	G	Strongly limonitic brownish, strongly fractured cherty sediments
BE08-KM30-4	571595	6606437	698 m	130	Slightly limonitic cherty-tuffaceous metasediments with thin silica veins and impregnations
BE08-KM30-6	571593	6606440	698 m	170	Shear zone in andesite metavolcanics and metasediments, locally silicified
BE08-KM30-7	571592	6606441	698 m	75	Brownish andesite metavolcanics with numerous quartz-carbonate pods and lenses; moderate listwanite alteration with mariposita

BE08-KM30-8	571591	6606442	698 m	135	Blackish cherty-tuffaceous metasediments and chert with thin quartz veins
BE08-KM31A	571587	6606446	698 m	G	Greenish-brownish andesite metavolcanic, weak carbonate alt'n; some thin carbonate-quartz veins
BE08-KM34	571552	6606484	700 m	F	Greenish-brownish andesite volcanic, moderate carbonate alteration and blackish chert, both with quartz and carbonate veins (composite sample)
BE08-KM35	571621	6606426	700 m	SC	Strongly silicified gray brecciated chert with some volcanic fragments, carbonate-(quartz) veins
BE08-KM35A	571621	6606426	700 m	SC	Whitish-creamy, layered volcanic rock, moderately silicified and calcified, tr. Diss. Py
BE08-KM36	571531	6606709	712 m	G	Greenish-gray, fine grained, moderately fractured andesite, weak carbonate alteration
BE08-KM37	571662	6606768	730 m	G	Brownish, moderate-to-strongly carbonate altered andesite(?), calcite-(quartz) veins, diss Py 0.5%
BE08-KM38	571694	6606748	732 m	G	Brownish, strongly carbonate-altered andesite with some quartz-carbonate veins, tr mariposite, diss Py 1%
BE08-KM39	571753	6606734	737 m	G	Brownish-green, strongly carbonate altered andesite, locally thin quartz veins; diss Py tr-1%, locally Py veinlets
BE08-KM40	571756	6606752	747 m	G	Greenish andesite with brownish lenses of strongly carbonate alteration, some quartz-carbonate veins; diss Py 2%
BE08-KM40A	571751	6606778	755 m	G	Brownish andesite, very strong carbonate alteration; diss Py 2-3%
BE08-KM40B	571751	6606778	755 m	G	Quartz veins to breccia in rusty-brownish andesitic(?) protolith, sometimes vuggy and drusy; Py 3-4%
BE08-KM41	571751	6606795	753 m	G	Quartz breccia composed of angular frags of strongly carbonate altered andesite
BE08-KM42	571749	6606829	751 m	G	Brownish, carbonate-altered andesite, locally vuggy with silica infills, crude layering, diss Py 1%
BE08-KM43	571735	6606782	752 m	G	Shear zone in moderately carbonate altered andesite, tr Py
BE08-KM43A	571735	6606782	752 m	G	Thin quartz veins in moderately carbonate altered andesite, tr Py
BE08-KM43B	571735	6606782	752 m	G	Brownish-greenish andesite, moderate carbonate alteration, diss Py 3%
BE08-KM44	571482	6606625	669 m	G	Greenish metaandesite (greenstone), locally fragmental texture (chert frags), some calcite veins, weak carbonate alteration
BE08-KM45	571464	6606714	675 m	G	Greenish metaandesitic tuff-lapilli tuff, layered, some calcite veins; diss Py 1% frequently also in veins
BE08-KM46	571457	6606740	673 m	G	Dark gray, tuffaceous-cherty metasediments, locally brecciated, weak calcite veining, diss + veinlets Py 0.5-1%
BE08-KM47	571451	6606766	675 m	G	Tectonic(?) breccia of tuffaceous metaandesite and chert, few chalcedony veins
BE08-KM48	571441	6606796	674 m	G	Volcaniclastic/tuff breccia, some cherty frags, few quartz-carbonate veins with some Py 1-2%

BE08-KM49	571416	6606917	666 m	G	Brownish-greenish, fragmental metaandesite, moderate listwanite alteration
BE08-KM49A	571425	6606918	672 m	G	Strong mariposite alteration in fragmental meta-andesite, some silica flood and tr diss Py
BE08-KM49B	571425	6606918	672 m	G	Carbonate-quartz veins cut through strong listwanite alteration in andesite, tr diss Py
BE08-KM49C	571416	6606917	666 m	G	Calcite vein in listwanite altered andesite
BE08-KM49D	571416	6606917	666 m	G	Strong silica flood zone in listwanite altered andesite; diss Py 3-4%
BE08-KM50	571395	6606967	668 m	G	Strongly silicified zone in brownish-green, listwanite altered andesite
BE08-KM51A	571339	6607058	670 m	F	Greenish spotty serpentinite, 3-4% diss/cubed Py
BE08-KM51B	571339	6607058	670 m	F	Brownish-green, listwanite altered fragmental(?) volcanic rock, numerous calcite veins, minor quartz vein and silicification; common mariposite
BE08-KM52	571273	6607125	669 m	F	Tectonic(?) breccia of greenish meta-andesite, incipient listwanite alteration; diss + blebs Py 2-3%
BE08-KM53	571043	6607595	674 m	G	Brownish, strongly carbonate-listwanite altered volcanic or ultramafic(?) rock, moderately silicified, tr diss Py
BE08-KM54	571093	6607579	687 m	G	Greenish-rusty meta-andesite, moderate listwanite alteration, some calcite and minor quartz veinlets
BE08-KM55	571094	6607591	689 m	G	Brownish, strongly listwanite altered unknown protolith rock, common calcite and some quartz veins; diss+blebs Py 2-3%
BE08-KM56	571070	6607636	689 m	G	Brownish, strongly listwanite altered unknown volcanic/ultramafic(?) rock, common calcite veins and zones of silicification; incipient serpentinization
BE08-KM57A	570978	6607779	671 m	G	Greenish-gray meta-andesite(?), fine grained, strong calcite-carbonate replacement
BE08-KM57B	570978	6607779	671 m	G	Strong listwanite alteration in greenish meta-volcanic rock, aphanitic texture, irregular thin quartz lenses/veins
PH-KM-1	571636	6606419	703 m	SC	Dark brownish-to-black tectonic(?) breccia of tuffaceous mudstone, microvuggy, carbonate-quartz cementation, oxidized
PH-KM-1A	571636	6606419	703 m	SC	Dark brownish-to-black tectonic(?) breccia of tuffaceous mudstone, microvuggy, carbonate-quartz cementation, very strong oxidation
PH-KM-2	571595	6606454	696 m	SC	Dark grayish-green, medium grained volcanic rock, semimassive impregnations of silica and pyrite; Py 15-20%
PH-KM-3	571594	6606449	694 m	SC	Greenish spotty, strongly carbonate-mariposite altered volcanic rock, with some silica flood, Py 1-3%
PH-KM-4	571616	6606408	690 m	SC	Light creamy feldspar porphyry, strong carbonate-clay alteration, irregular thin quartz veins and pods, diss. Py 5%
PH-KM-5	571618	6606427	693 m	SC	Light grayish andesite, carbonate-clay alteration, few thin quartz veins at the contact with vuggy black-matrix lapilli tuff

PH-KM-6	0571621	6606416	701	SC	Strong quartz-carbonate veining in light creamy andesite(?), oxidized, banded fills of some veins, locally drusy
PH-KM-7	0571604	6606416	699	SC	Light-greenish andesite, moderate carbonate-clay alteration, locally mariposite, numerous irregular quartz-carbonate veins
PH-KM-8	571589	6606405	695	G	Whitish quartz-carbonate-(chalcedony?) vein/breccia; includes frags of redeposited epiclastic tuff
PH-KM-9	571580	6606418	694	G	Brownish, strongly carbonate-clay-oxide altered volcanic(?) rock, numerous carbonate-(quartz) veins and common mariposite
PH-KM-10	571577	6606425	693	G	Brownish brecciated rock protolith of andesite volcanic(?), numerous quartz-carbonate veins; diss. Py 0.5-1%
PH-KM-11	571574	6606435	691	G	Light creamy andesite, carbonate-clay alteration, white carbonate veins, tr. Diss. Py
PH-KM-12	571570	6606438	690	G	White, thick carbonate vein, banded, admixed quartz locally, diss. Py 0.5%, tr. Mariposite
PH-KM-13	571652	6606483	710 m	SC	Vein of white, coarse-crystalline quartz, some rusty oxidations along fractures
PH-KM-13A	0571652	6606485	717	G	Brownish-greenish volcanic protolith, moderate/strong carbonate-mariposite alteration, diss. Py 0.5-1%
PH-KM-14	0571687	6606442	721	G	Grayish-buff serpentized volcanic to serpentinite, thin carbonate-quartz veins, diss. Py 0.5-1%
PH-KM-14A	0571687	6606442	721	SC	White to grayish carbonate-calcite vein, spotty, Py stringers along edges
PH-KM-15	0571687	6606423	719	G	Grayish, strongly carbonate altered volcanic protolith, some quartz-carbonate veins, diss. Py 0.5%
PH-KM-16	0571690	6606401	716	G	Veins of white calcite with subordinate quartz in andesite
PH-KM-17	0571689	6606359	715	G	Brownish, strongly carbonate altered andesite protolith, some thin banded veins of quartz, Py 2-5%



APPENDIX 2

Rock Sample Analytical Results - Laboratory Certificates

*Quality Assaying for over 25 Years*

**Geochemical Analysis Certificate**

**8V-2288-RG1**

Company: **Saturn Minerals Inc.**  
Project: **BE Project 2007**  
Attn: **Krzysztof Mastalerz**

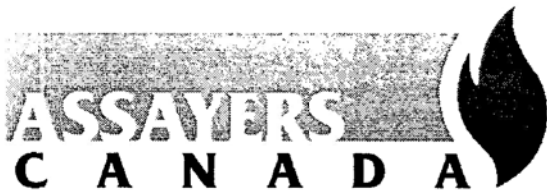
**Jul-17-08**

We hereby certify the following geochemical analysis of 24 rock samples submitted Jun-23-08

Sample Name	Au PPB	Au-Check ppb	Au g/tonne	Ag g/tonne
BE08-KM01	4	9		
BE08-KM02	5			
BE08-KM03	9			
BE08-KM04	14			
BE08-KM05A	46			
BE08-KM05B	22			
BE08-KM05C	214			
BE08-KM06	31			
BE08-KM07A	2			
BE08-KM07B	3			
BE08-KM07C	2			
BE08-KM08A	1			
BE08-KM08B	2			
BE08-KM08C	3			
BE08-KM08D	4			
BE08-KM09	106			
BE08-KM09F	>10000		18.85	218.4
BE08-KM10	515			
BE08-KM11A	97			
BE08-KM11B	323	295		
BE08-KM11C	527			
BE08-KM11D	>10000		17.36	
BE08-KM11E	>10000		1196	537.3
BE08-KM13A	332			
*0218	885			
*CCu-1c				129.8
*BLANK	<1			<0.1

Certified by \_\_\_\_\_





Assayers Canada  
8282 Sherbrooke St.  
Vancouver, B.C.  
V5X 4R6  
Tel: (604) 327-3436  
Fax: (604) 327-3423

*Quality Assaying for over 25 Years*

**Geochemical Analysis Certificate**

**8V-2288-RG2**

Company: **Saturn Minerals Inc.**  
Project: **BE Project 2007**  
Attn: **Krzysztof Mastalerz**

**Jul-17-08**

We hereby certify the following geochemical analysis of 24 rock samples submitted Jun-23-08

<b>Sample Name</b>	<b>Au ppb</b>	<b>Au-Check ppb</b>	<b>Au g/tonne</b>
BE08-KM13B	549	521	
BE08-KM14	145		
BE08-KM15	93		
BE08-KM15A	6		
BE08-KM16	>10000		45.56
BE08-KM17A	30		
BE08-KM17B	574		
BE08-KM17C	4364		
BE08-KM18	16		
BE08-KM19	6		
BE08-KM23	33		
BE08-KM24	311		
BE08-KM25	84		
BE08-KM26	6		
BE08-KM28	1		
BE08-KM28A	2		
BE08-KM29A	4		
BE08-KM29B	19		
BE08-KM30A	9		
BE08-KM30B	7	4	
BE08-KM30C	2		
BE08-KM30D	6		
BE08-KM30E	12		
BE08-KM30F	199		
*0218	927		
*BLANK	<1		

Certified by \_\_\_\_\_



Assayers Canada  
8282 Sherbrooke St.  
Vancouver, B.C.  
V5X 4R6  
Tel: (604) 327-3436  
Fax: (604) 327-3423

*Quality Assaying for over 25 Years*

**Geochemical Analysis Certificate**

**8V-2288-RG3**

Company: **Saturn Minerals Inc**  
Project: **BE Project 2007**  
Attn: **Krzysztof Mastalerz**

**Jul-17-08**

We hereby certify the following geochemical analysis of 24 rock samples submitted Jun-23-08

<b>Sample Name</b>	<b>Au ppb</b>	<b>Au-Check ppb</b>	<b>Au g/tonne</b>
BE08-KM30G	56	58	
BE08-KM30-4	>10000		26.47
BE08-KM30-6	>10000		32.87
BE08-KM30-7	3207		
BE08-KM30-8	197		
BE08-KM31A	27		
BE08-KM34	292		
BE08-KM35	15		
BE08-KM35A	10		
BE08-KM36	12		
BE08-KM37	36		
BE08-KM38	16		
BE08-KM39	7		
BE08-KM40	26		
BE08-KM40A	3		
BE08-KM40B	401		
BE08-KM41	23		
BE08-KM42	1		
BE08-KM43	35		
BE08-KM43A	113	119	
BE08-KM43B	15		
BE08-KM44	10		
BE08-KM45	22		
BE08-KM46	1		
*0218	877		
*BLANK	<1		

Certified by \_\_\_\_\_



Assayers Canada  
8282 Sherbrooke St.  
Vancouver, B.C.  
V5X 4R6  
Tel: (604) 327-3436  
Fax: (604) 327-3423

*Quality Assaying for over 25 Years*

**Geochemical Analysis Certificate**

**8V-2288-RG4**

Company: **Saturn Minerals Inc**  
Project: **BE Project 2007**  
Attn: **Krzysztof Mastalerz**

**Jul-17-08**

We hereby certify the following geochemical analysis of 24 rock samples submitted Jun-23-08

<b>Sample Name</b>	<b>Au ppb</b>	<b>Au-Check ppb</b>
BE08-KM47	17	22
BE08-KM48	89	
BE08-KM49	6	
BE08-KM49A	63	
BE08-KM49B	5	
BE08-KM49C	8	
BE08-KM49D	9	
BE08-KM50	4	
MK08-KR27A	45	
MK08-KR27B	1	
MK08-KR27C	1	
MK08-KR27D	92	
MK08-KR27E	2	
MK08-KR27F	1	
MK08-KR69	144	
MK08-KR70	513	
MK08-MH01	93	
MK08-MH02	56	
MK08-MH02A	6	
MK08-MH03	23	19
MK08-MH04	33	
MK08-MH05	<1	
MK08-MH06	83	
MK08-MH07	4	
*0218	843	
*BLANK	<1	

Certified by \_\_\_\_\_



*Quality Assaying for over 25 Years*

## Geochemical Analysis Certificate

8V-2288-RG6

Company: **Saturn Minerals Inc**  
Project: BE Project 2007  
Attn: Krzysztof Mastalerz

Jul-17-08

We hereby certify the following geochemical analysis of 24 rock samples submitted Jun-23-08

Sample Name	Au ppb	Au-Check ppb	Ag g/tonne	Pb %	Zn %
RDH-08	4	<1			
RDH-09	5				
RDH-10	2				
RDH-11	3				
R-KM01	1				
R-KM02	3				
R-KM03	10				
R-KM04	1				
R-KM05	2				
R-KM06	2				
R-KM07	5				
R-KM08	17			1.74	1.59
R-KM09	88		663.2	48.7	
R-KM9A	<1				
R-KM9B	4			1.06	
R-KM10	14				3.24
BE08-KM51A	5				
BE08-KM51B	6				
BE08-KM52	21				
BE08-KM53	1	1			
BE08-KM54	<1				
BE08-KM55	8				
BE08-KM56	13				
BE08-KM57A	17				
*0218	874				
*CCu-1c			129.8	0.35	4.04
*BLANK	<1		<0.1	<0.01	<0.01

Certified by \_\_\_\_\_



*Quality Assaying for over 25 Years*

**Geochemical Analysis Certificate****8V-2288-RG7**Company: **Saturn Minerals Inc**  
Project: **BE Project 2007**  
Attn: **Krzysztof Mastalerz**

Jul-17-08

We hereby certify the following geochemical analysis of 1 rock sample submitted Jun-23-08

<b>Sample Name</b>	<b>Au ppb</b>	<b>Au-Check ppb</b>
BE08-KM57B	1	2
*0218	881	
*BLANK	<1	

Certified by \_\_\_\_\_

# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

Saturn Minerals Inc

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

## ICP-MS Report

Multi-acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm
BF08-KM01	0.1	4.18	2.0	719	1	0.1	0.49	1.6	21	4.6	106	1.3	117.1	0.84	10	0.1	0.7	0.01	0.96	11
BF08-KM02	0.6	6.50	6.0	1313	1	0.1	5.16	0.3	33	17.0	103	2.7	4.9	4.32	17	0.5	1.3	0.05	0.78	17
BF08-KM03	0.4	2.07	84.4	815	1	0.1	>10.00	0.8	8	7.9	75	2.2	53.6	4.19	5	0.2	0.4	0.04	0.35	4
BF08-KM04	0.6	3.15	121.5	2210	1	0.7	>10.00	0.2	69	20.8	226	4.4	30.3	4.70	9	0.2	1.3	0.04	0.49	36
BF08-KM05A	2.2	4.03	72.6	593	1	0.5	5.73	0.3	57	18.9	282	5.6	26.1	3.34	11	0.2	1.1	0.03	0.64	30
BF08-KM05B	0.6	3.79	459.2	623	1	0.6	8.41	0.1	53	42.4	575	5.0	46.7	5.59	12	0.2	0.9	0.03	0.60	28
BF08-KM05C	2.1	3.53	375.4	801	1	1.5	8.21	0.3	56	52.8	725	8.0	125.8	7.39	11	0.2	1.2	0.04	0.95	28
BF08-KM06	0.9	3.13	38.2	512	1	0.2	4.15	0.1	28	10.8	178	4.7	17.9	2.31	7	0.1	1.1	0.02	1.09	14
BF08-KM07A	0.1	0.29	14.2	181	<1	<0.1	0.44	0.1	3	64.5	873	1.3	10.4	3.42	1	0.2	0.1	<0.01	0.06	1
BF08-KM07B	0.4	7.26	108.0	598	1	0.1	2.54	0.2	28	28.1	146	2.1	63.4	5.69	19	0.4	1.4	0.04	0.61	14
BF08-KM07C	1.0	6.53	200.9	781	1	0.1	7.91	0.4	126	39.7	337	3.2	42.5	7.07	20	0.3	3.3	0.06	0.73	61
BF08-KM08A	0.8	5.38	36.7	2336	2	0.2	9.88	0.3	292	38.1	292	7.2	93.1	5.71	19	0.6	3.6	0.07	1.26	157
BF08-KM08B	0.2	6.11	23.3	471	1	0.1	0.80	0.6	25	17.6	74	2.1	53.6	4.22	16	0.3	1.1	0.07	0.58	12
BF08-KM08C	0.3	8.69	17.3	606	1	1.4	0.75	0.4	18	20.2	35	3.7	48.1	5.91	23	0.5	1.2	0.06	0.89	8
BF08-KM08D	0.1	2.50	20.0	161	<1	0.1	1.52	0.9	11	7.7	153	1.9	20.4	2.32	6	0.3	0.5	0.03	0.25	7
BF08-KM09	0.3	7.72	18.7	312	1	0.1	2.08	0.1	52	6.0	42	5.6	4.4	2.17	20	0.6	1.3	0.02	1.82	29
BF08-KM09F	>200.0	1.73	84.5	145	<1	0.1	3.01	0.8	10	9.8	278	2.7	407.7	1.94	5	1.3	0.3	0.02	0.68	5
BF08-KM10	7.4	1.02	42.3	566	<1	0.1	2.16	0.3	13	4.9	228	1.1	55.2	1.17	3	1.0	0.3	0.01	0.38	7
BF08-KM11A	3.4	6.22	73.0	975	2	0.1	6.13	0.2	130	29.6	310	8.8	53.8	4.62	19	0.3	2.6	0.05	>2.00	68
BF08-KM11B	5.1	1.44	56.1	79	<1	0.1	1.27	0.3	10	3.9	252	1.2	38.3	1.06	5	0.8	0.3	0.01	0.62	5
BF08-KM11C	3.4	4.85	139.9	363	1	0.2	4.36	0.3	57	17.8	184	5.1	36.8	3.88	12	0.8	1.4	0.03	1.40	28
BF08-KM11D	41.3	1.95	134.5	883	1	0.1	3.17	0.4	35	11.0	303	2.2	88.5	1.89	7	0.3	0.9	0.02	0.81	19
BF08-KM11E	>200.0	0.72	26.8	594	<1	<0.1	1.68	0.2	7	3.6	257	0.7	23.2	0.83	2	0.5	0.2	0.01	0.27	4
BF08-KM13A	0.7	2.60	10.4	318	1	0.1	0.53	0.7	19	7.7	189	1.9	39.6	1.91	9	0.4	0.8	0.04	0.94	9
BF08-KM13B	1.9	6.51	31.2	2698	2	0.2	4.51	0.2	113	26.6	214	4.7	53.9	4.16	21	0.5	5.2	0.06	>2.00	61
BF08-KM14	9.9	2.42	83.7	122	1	0.1	6.86	0.4	44	9.6	195	4.0	103.0	2.42	8	0.6	1.4	0.03	0.92	25
BF08-KM15	1.6	1.69	397.7	88	<1	0.1	9.51	0.1	5	39.4	488	2.9	17.5	3.23	5	0.1	0.3	0.01	0.15	2
BF08-KM15A	0.9	0.73	454.1	138	1	0.1	>10.00	0.1	2	72.8	873	2.7	143.2	3.76	3	0.2	0.1	0.01	0.09	1
BF08-KM16	28.9	1.33	33.3	631	<1	0.1	0.95	0.5	10	5.4	326	1.0	77.2	1.30	4	1.9	0.3	0.02	0.28	5
BF08-KM17A	1.1	2.77	145.8	4075	1	0.1	8.75	0.2	47	20.7	488	2.9	21.5	3.88	9	0.1	0.9	0.03	0.83	24

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.





# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ  
 Date : Jul-17-08

Saturn Minerals Inc  
 Attention: Krzysztof Mastalerz  
 Project: BE Project 2007  
 Sample type: ROCK

## ICP-MS Report Multi-acid Digestion

Sample Number	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Rb ppm	Re ppb	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %
BF08-KM01	5.2	0.68	139	787.6	1.82	1.1	20.9	0.023	7.5	33.8	110	0.30	0.2	2.8	0.5	176	<0.1	<0.1	3.0	0.046
BF08-KM02	37.8	3.25	1037	14.6	2.88	4.6	25.8	0.070	8.0	23.2	7	0.17	0.9	16.9	1.1	255	0.3	<0.1	4.1	0.246
BF08-KM03	80.7	5.20	1460	11.6	0.03	1.2	28.5	0.023	3.9	16.1	10	0.68	12.2	7.4	0.3	359	<0.1	<0.1	1.1	0.079
BF08-KM04	19.5	5.45	1533	2.7	0.13	8.3	136.0	0.116	7.2	21.3	7	0.62	11.1	10.0	0.6	1400	0.1	<0.1	4.9	0.215
BF08-KM05A	34.9	3.10	927	13.8	0.62	5.2	91.7	0.119	10.7	27.6	7	0.77	10.2	9.7	0.6	430	0.1	<0.1	4.4	0.163
BF08-KM05B	26.8	4.09	1098	2.9	0.03	5.3	414.2	0.101	6.0	28.4	8	1.87	32.8	14.9	1.0	1319	<0.1	<0.1	4.2	0.155
BF08-KM05C	19.7	5.27	1137	23.3	0.27	5.3	535.6	0.126	11.5	37.5	10	4.05	12.2	12.8	0.5	533	0.1	<0.1	5.2	0.143
BF08-KM06	31.1	1.84	552	5.0	0.03	4.8	36.3	0.107	1.6	41.9	8	0.99	6.5	8.9	0.7	363	0.1	<0.1	3.3	0.177
BF08-KM07A	15.9	>10.00	671	1.5	0.03	0.4	>1000.0	0.006	<0.1	3.0	6	0.25	3.7	5.0	0.2	43	<0.1	<0.1	0.2	0.009
BF08-KM07B	37.6	1.96	916	2.9	2.79	5.1	79.5	0.096	2.1	16.6	9	1.01	4.9	31.6	0.9	301	0.3	<0.1	2.1	0.535
BF08-KM07C	42.5	2.86	1906	3.3	0.07	20.2	154.5	0.369	5.0	31.4	7	1.46	8.2	25.8	1.1	640	1.0	<0.1	10.6	0.615
BF08-KM08A	24.1	3.27	1380	1.4	0.16	40.0	83.8	0.640	12.2	40.2	8	0.41	11.6	27.3	1.6	1559	1.4	<0.1	27.4	0.675
BF08-KM08B	70.5	0.64	1089	5.7	0.52	4.3	41.7	0.084	0.4	16.8	10	0.13	2.4	21.5	0.9	50	0.3	<0.1	1.8	0.324
BF08-KM08C	63.9	1.11	1284	2.2	2.38	2.6	25.9	0.072	2.0	32.1	7	0.33	2.7	35.1	0.8	140	0.2	<0.1	1.0	0.535
BF08-KM08D	45.1	0.43	905	5.9	0.04	1.8	23.5	0.174	6.7	10.2	8	<0.05	4.0	7.5	0.5	45	<0.1	<0.1	0.8	0.102
BF08-KM09	11.1	0.62	433	0.7	2.65	3.7	30.4	0.099	9.9	57.4	7	0.27	1.9	6.4	0.6	372	0.2	<0.1	6.7	0.110
BF08-KM09F	33.5	1.52	459	3.7	0.03	1.5	34.4	0.027	3.6	26.4	7	1.02	51.6	8.5	0.5	223	<0.1	<0.1	0.8	0.130
BF08-KM10	31.4	0.97	291	5.9	0.04	1.5	16.9	0.038	2.0	13.4	6	0.46	14.7	3.1	0.4	145	<0.1	<0.1	1.4	0.057
BF08-KM11A	33.4	3.06	1038	3.8	0.34	22.0	83.7	0.283	11.9	93.7	7	0.81	14.7	17.8	1.3	698	1.0	<0.1	15.7	0.568
BF08-KM11B	13.3	0.63	215	9.9	0.02	1.2	16.3	0.001	3.4	21.3	9	0.60	5.7	4.1	0.6	74	<0.1	<0.1	1.5	0.047
BF08-KM11C	59.1	1.99	866	5.6	0.04	10.1	64.8	0.112	6.8	56.4	8	1.63	19.6	13.1	0.8	261	0.3	<0.1	6.8	0.322
BF08-KM11D	31.4	1.33	474	4.6	0.02	6.1	35.2	0.070	2.8	29.5	6	0.92	35.7	7.5	0.6	151	0.1	<0.1	4.4	0.195
BF08-KM11E	30.0	0.81	180	3.0	0.02	1.1	16.8	0.011	<0.1	9.1	6	0.24	17.2	2.0	0.3	95	<0.1	<0.1	0.7	0.036
BF08-KM13A	20.9	0.27	446	7.3	0.28	4.1	22.4	0.024	7.0	38.3	7	0.23	2.0	7.6	0.9	35	0.2	<0.1	3.2	0.136
BF08-KM13B	19.9	2.01	989	2.4	1.42	27.3	43.8	0.364	19.5	81.7	7	0.66	5.0	21.3	1.6	557	1.2	<0.1	19.4	0.833
BF08-KM14	17.1	2.60	801	6.5	0.02	5.9	21.2	0.278	18.4	39.1	6	0.60	11.7	9.7	0.6	336	0.1	<0.1	7.4	0.217
BF08-KM15	34.4	4.88	985	2.5	0.03	0.9	572.6	0.016	4.7	7.9	7	0.24	89.3	6.5	0.4	446	<0.1	<0.1	0.5	0.044
BF08-KM15A	13.6	7.11	2240	0.6	0.02	0.3	>1000.0	0.004	12.2	4.9	7	0.22	25.4	8.3	0.2	512	<0.1	<0.1	0.2	0.011
BF08-KM16	30.3	0.49	396	12.8	0.17	1.7	34.8	0.015	2.5	10.1	7	0.43	15.2	3.3	0.9	48	<0.1	<0.1	1.5	0.052
BF08-KM17A	19.2	4.07	1184	0.8	0.02	4.0	104.9	0.111	5.2	32.0	6	0.45	11.4	19.3	0.6	506	<0.1	<0.1	3.8	0.269

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



**Saturn Minerals Inc**

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

**ICP-MS Report**

Multi-acid Digestion

Sample Number	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
BF08-KM01	0.3	1.2	33	1.0	3.9	23	20.5
BF08-KM02	0.3	1.7	119	0.5	16.6	90	43.0
BF08-KM03	0.2	0.8	62	0.5	7.8	65	16.6
BF08-KM04	0.3	1.9	92	1.1	12.5	68	65.6
BF08-KM05A	0.3	1.4	87	1.3	10.1	58	55.4
BF08-KM05B	0.4	1.3	121	1.0	8.9	84	48.3
BF08-KM05C	0.5	1.6	113	2.0	11.5	70	62.0
BF08-KM06	0.4	1.1	62	3.4	7.4	34	42.4
BF08-KM07A	0.1	0.1	28	1.3	0.7	30	5.2
BF08-KM07B	0.2	1.2	229	1.3	14.0	74	51.5
BF08-KM07C	0.3	3.2	223	3.3	27.1	119	149.3
BF08-KM08A	0.4	7.1	226	1.5	26.6	132	157.7
BF08-KM08B	0.2	1.6	174	1.4	12.5	118	40.4
BF08-KM08C	0.4	0.8	212	1.2	13.8	124	44.0
BF08-KM08D	0.1	2.8	71	1.1	13.9	48	17.5
BF08-KM09	0.5	2.3	54	1.1	7.9	45	39.7
BF08-KM09F	0.2	0.6	57	2.4	4.9	77	11.8
BF08-KM10	0.1	0.6	29	1.6	2.6	40	12.7
BF08-KM11A	0.9	5.1	155	6.5	16.0	84	111.7
BF08-KM11B	0.2	0.7	39	1.0	2.3	38	11.0
BF08-KM11C	0.6	3.4	106	8.2	11.5	67	56.1
BF08-KM11D	0.3	1.5	61	4.0	5.9	42	39.0
BF08-KM11E	0.1	0.4	15	1.7	1.5	38	7.5
BF08-KM13A	0.4	1.1	61	3.0	7.4	109	30.9
BF08-KM13B	0.9	7.5	192	4.8	20.4	97	224.8
BF08-KM14	0.4	3.1	73	9.8	11.9	56	65.7
BF08-KM15	0.1	0.7	31	0.7	2.9	34	9.5
BF08-KM15A	0.1	0.2	31	0.5	1.8	37	2.3
BF08-KM16	0.1	0.7	28	1.7	4.0	51	11.5
BF08-KM17A	0.3	1.1	94	1.3	9.4	45	36.5

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ  
 Date : Jul-17-08

Saturn Minerals Inc  
 Attention: Krzysztof Mastalerz  
 Project: BE Project 2007  
 Sample type: ROCK

## ICP-MS Report Multi-acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm
BF08-KM17B	0.9	4.17	92.6	325	1	0.2	0.11	0.2	27	7.7	230	3.6	51.9	2.37	14	0.4	1.5	0.03	>2.00	14
BF08-KM17C	28.9	0.77	22.9	482	<1	0.2	1.01	0.1	10	3.8	243	1.0	51.5	0.79	2	0.4	0.2	0.01	0.27	5
BF08-KM18	0.5	4.96	27.2	1418	1	<0.1	6.31	0.1	28	6.6	110	5.9	7.5	3.92	14	0.1	1.2	0.02	1.77	17
BF08-KM19	0.7	3.77	15.5	318	1	0.2	0.11	0.2	34	8.6	239	3.7	59.8	2.27	14	0.3	1.4	0.05	1.88	15
BF08-KM23	0.6	4.82	6.0	141	<1	<0.1	5.32	0.1	6	53.5	198	1.8	33.9	6.18	13	0.2	1.0	0.05	0.17	2
BF08-KM24	5.4	0.46	27.7	71	<1	0.1	1.07	0.1	6	4.5	282	0.4	15.9	0.88	1	0.9	0.1	<0.01	0.18	3
BF08-KM25	0.6	1.69	15.7	168	<1	<0.1	1.78	0.1	9	7.9	389	1.2	6.3	1.52	5	1.3	0.4	0.01	0.72	4
BF08-KM26	0.4	1.18	3.8	199	1	0.1	>10.00	0.5	16	5.7	136	0.7	11.4	5.26	4	0.2	0.4	0.02	0.38	13
BF08-KM28	0.6	7.45	3.9	2192	1	0.1	2.63	0.1	41	10.7	124	7.1	10.1	3.43	18	1.1	2.5	0.03	>2.00	24
BF08-KM28A	1.3	5.88	21.0	801	2	0.1	6.69	0.2	181	43.6	472	9.1	67.8	6.10	19	0.6	5.0	0.07	0.92	88
BF08-KM29A	1.3	6.82	2.6	5244	2	0.2	6.59	0.1	111	36.1	392	6.5	77.9	5.92	21	0.4	5.3	0.06	>2.00	54
BF08-KM29B	0.7	2.88	33.8	601	1	0.1	>10.00	0.1	60	25.2	232	3.4	28.4	4.48	8	0.1	1.7	0.03	0.90	33
BF08-KM30A	0.7	3.84	39.7	653	1	0.4	0.54	0.4	35	8.3	239	1.7	46.7	2.40	14	0.3	1.4	0.03	0.69	17
BF08-KM30B	0.5	5.54	59.5	747	1	1.3	6.04	0.3	30	28.7	335	5.7	48.1	5.47	16	0.3	1.3	0.04	1.13	15
BF08-KM30C	0.6	6.08	176.5	775	1	1.6	5.16	0.2	26	40.2	428	5.3	41.4	5.41	16	0.3	1.5	0.05	1.10	13
BF08-KM30D	0.4	3.41	20.5	367	1	0.5	0.43	0.5	25	10.0	153	1.0	52.2	1.87	10	0.2	1.1	0.02	0.40	12
BF08-KM30E	1.2	5.56	140.7	4460	1	0.9	8.80	0.3	140	36.2	405	3.8	49.8	5.44	16	0.4	3.5	0.06	0.98	75
BF08-KM30F	0.9	2.76	131.1	283	<1	7.3	0.09	0.1	22	2.3	167	1.4	24.3	2.26	10	0.2	1.0	0.02	1.19	11
BF08-KM30G	0.5	2.67	265.5	285	1	3.9	0.14	0.2	16	9.0	155	1.8	46.5	4.06	9	0.2	0.9	0.02	1.19	8
BF08-KM30-4	6.4	2.25	339.3	270	<1	913.0	0.81	0.8	25	10.3	139	2.0	186.0	>10.00	11	0.4	0.7	0.04	0.49	13
BF08-KM30-6	37.9	2.69	595.4	381	<1	846.7	0.15	0.9	14	9.3	1188	2.3	811.2	>10.00	23	0.7	0.7	0.97	0.43	8
BF08-KM30-7	16.1	2.99	108.0	984	1	261.4	5.21	0.4	78	17.4	393	4.6	113.1	4.21	11	0.3	1.7	0.17	0.57	42
BF08-KM30-8	1.4	1.42	97.9	144	<1	24.4	0.11	0.2	16	6.1	164	1.2	69.9	2.84	7	0.3	0.5	0.02	0.45	8
BF08-KM31A	1.0	5.40	211.1	274	1	2.2	7.55	0.2	71	35.4	305	3.1	32.2	5.17	16	0.3	2.6	0.06	0.65	37
BF08-KM34	0.7	3.88	37.7	783	1	1.7	4.37	0.4	37	19.1	263	4.5	49.7	3.16	11	0.4	1.6	0.03	1.44	19
BF08-KM35	0.6	3.87	120.9	838	1	0.9	4.31	0.1	46	10.5	252	3.4	56.2	5.23	11	0.2	1.3	0.05	0.82	25
BF08-KM35A	0.6	5.31	12.6	1981	1	0.6	3.07	0.1	29	3.6	90	5.2	11.7	2.27	16	0.5	1.8	0.02	1.84	18
BF08-KM36	0.5	6.73	5.8	1400	1	1.0	5.34	0.2	20	34.7	250	6.7	43.5	6.50	18	0.4	1.8	0.06	1.08	9
BF08-KM37	0.7	5.06	598.6	756	1	0.3	7.35	0.1	43	23.5	185	4.6	34.2	5.05	14	0.3	1.5	0.04	1.28	21
BF08-KM38	0.7	3.50	173.8	206	1	0.4	>10.00	0.1	7	19.0	127	2.4	32.8	5.13	8	0.1	0.7	0.03	0.37	3

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



**Saturn Minerals Inc**

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

**ICP-MS Report**

Multi-acid Digestion

Sample Number	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Rb ppm	Re ppb	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %
RF 08-KM17B	10.1	0.34	122	13.8	0.13	5.4	31.4	0.043	6.6	75.0	11	0.14	6.1	13.8	1.1	26	0.4	<0.1	3.6	0.241
RF 08-KM17C	24.4	0.47	246	3.6	0.02	1.1	20.0	0.012	1.6	10.0	7	0.07	27.7	2.3	0.3	58	<0.1	<0.1	0.9	0.047
RF 08-KM18	32.8	1.67	1222	3.9	0.05	3.6	9.1	0.046	6.6	75.8	7	0.12	4.6	6.8	0.7	226	0.3	<0.1	6.3	0.129
RF 08-KM19	8.6	0.34	244	8.7	0.10	4.7	33.7	0.043	6.5	67.7	11	0.12	2.8	11.0	1.6	18	0.3	<0.1	4.7	0.135
RF 08-KM23	15.4	8.90	1149	1.6	1.31	1.2	594.2	0.033	3.9	4.7	8	0.17	1.9	28.1	0.6	122	<0.1	<0.1	0.2	0.497
RF 08-KM24	23.7	0.51	143	20.7	0.02	0.5	15.9	0.007	7.6	5.9	6	0.12	7.8	1.6	0.3	45	<0.1	<0.1	0.5	0.017
RF 08-KM25	30.7	0.85	411	5.4	0.05	1.6	21.2	0.027	3.9	21.8	7	0.09	5.8	7.3	0.5	79	<0.1	<0.1	0.8	0.096
RF 08-KM26	24.6	3.33	2365	1.9	0.03	1.3	30.4	0.681	4.7	13.2	8	0.09	0.7	19.8	0.4	174	<0.1	<0.1	1.3	0.053
RF 08-KM28	36.4	1.32	772	2.9	2.50	5.5	7.9	0.090	15.9	117.0	7	0.08	2.1	11.9	0.9	441	0.5	<0.1	9.8	0.239
RF 08-KM28A	25.3	4.03	1196	2.7	1.08	29.5	163.7	0.522	10.5	37.3	6	0.24	5.3	28.1	1.5	675	1.4	<0.1	14.6	0.850
RF 08-KM29A	17.2	4.72	1032	1.0	2.64	18.2	85.3	0.341	9.1	57.7	8	0.20	1.8	28.1	1.5	1020	0.9	<0.1	12.3	0.834
RF 08-KM29B	12.9	6.52	1249	0.8	0.63	10.4	101.9	0.153	4.0	23.7	6	0.25	5.1	14.6	0.7	607	0.2	<0.1	7.0	0.371
RF 08-KM30A	36.8	0.35	364	15.0	0.38	6.6	36.0	0.055	7.0	24.4	12	0.23	5.1	10.5	1.5	181	0.4	<0.1	5.5	0.195
RF 08-KM30B	58.9	3.03	1288	4.2	0.13	4.8	92.6	0.087	3.3	43.0	8	0.26	3.7	26.8	1.2	342	0.2	<0.1	3.6	0.326
RF 08-KM30C	29.1	2.41	1121	3.1	0.14	4.5	175.7	0.082	5.0	44.1	7	0.36	15.1	30.9	0.9	644	0.2	<0.1	2.9	0.380
RF 08-KM30D	25.2	0.35	291	10.6	0.74	4.6	31.6	0.053	2.8	11.7	10	0.25	1.6	8.9	1.1	108	0.3	<0.1	4.0	0.150
RF 08-KM30E	23.0	4.21	1416	4.8	0.44	27.4	156.0	0.270	10.5	29.3	8	0.98	15.3	21.3	1.2	1816	1.1	<0.1	11.5	0.601
RF 08-KM30F	7.5	0.20	54	8.2	0.10	6.1	10.6	0.031	3.6	37.3	10	0.11	1.6	7.8	6.2	61	0.4	0.1	2.1	0.151
RF 08-KM30G	7.9	0.19	257	7.1	0.09	3.7	29.8	0.045	4.3	40.7	12	0.14	2.7	8.1	4.7	28	0.3	<0.1	2.6	0.112
RF 08-KM30-4	26.1	0.42	274	19.6	0.03	1.9	36.9	0.036	75.0	18.5	8	0.29	12.8	6.6	4.9	74	0.1	0.7	2.4	0.056
RF 08-KM30-6	50.5	0.42	126	7.4	0.05	2.6	120.6	0.047	51.6	14.4	8	0.80	13.3	10.6	16.9	30	0.1	1.7	1.1	0.178
RF 08-KM30-7	25.1	2.35	690	8.5	0.02	13.6	54.6	0.159	98.1	23.0	7	0.53	9.4	14.0	5.0	485	0.2	0.5	8.1	0.305
RF 08-KM30-8	7.1	0.10	92	5.6	0.03	2.2	16.3	0.014	9.2	15.4	7	0.35	2.0	4.3	4.5	27	0.1	<0.1	1.6	0.056
RF 08-KM31A	48.8	3.11	1344	1.7	0.18	15.9	164.5	0.232	4.9	27.2	7	0.36	37.5	25.6	1.3	309	0.8	<0.1	6.5	0.622
RF 08-KM34	32.7	2.08	1037	4.6	0.44	8.1	98.0	0.114	7.1	59.2	7	0.58	4.9	11.8	1.1	316	0.2	<0.1	3.5	0.279
RF 08-KM35	40.7	2.02	887	2.9	0.11	9.4	43.8	0.102	5.0	35.8	8	0.15	14.8	10.5	0.9	781	0.3	<0.1	4.3	0.269
RF 08-KM35A	28.7	1.49	764	2.2	0.03	4.6	11.8	0.023	14.1	89.9	7	0.38	3.5	4.0	0.9	113	0.2	<0.1	7.3	0.083
RF 08-KM36	15.9	3.38	1283	1.1	2.38	5.1	46.1	0.071	3.0	24.1	6	<0.05	1.3	37.4	1.0	336	0.2	<0.1	1.2	0.684
RF 08-KM37	43.4	3.15	1373	1.0	0.27	8.3	47.1	0.127	8.9	49.7	8	0.21	17.4	23.4	0.7	266	0.3	<0.1	3.0	0.492
RF 08-KM38	29.5	4.39	1509	0.8	0.04	1.5	44.3	0.021	4.9	18.4	7	0.17	7.8	19.4	0.5	365	<0.1	<0.1	0.1	0.343

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



**Saturn Minerals Inc**

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

**Assayers Canada**

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

**ICP-MS Report**

Multi-acid Digestion

Sample Number	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
BF 08-KM17B	0.7	3.0	159	3.1	8.4	58	51.9
BF 08-KM17C	0.1	0.4	16	3.2	2.1	18	10.4
BF 08-KM18	0.7	2.1	59	1.5	11.8	39	35.1
BF 08-KM19	0.6	3.6	117	1.3	8.0	70	54.4
BF 08-KM23	0.1	0.1	212	1.5	17.4	79	20.3
BF 08-KM24	0.1	0.2	9	0.7	0.9	12	4.4
BF 08-KM25	0.2	0.4	35	1.4	4.0	16	16.6
BF 08-KM26	0.2	19.1	142	0.9	39.5	38	15.0
BF 08-KM28	1.3	4.4	110	1.1	14.7	71	92.6
BF 08-KM28A	0.3	4.4	222	1.4	29.2	105	214.2
BF 08-KM29A	0.5	4.0	220	1.0	23.8	95	217.5
BF 08-KM29B	0.3	2.5	100	2.6	12.5	52	77.1
BF 08-KM30A	0.3	3.6	174	1.2	9.9	97	55.5
BF 08-KM30B	0.4	2.1	189	1.9	14.8	97	51.6
BF 08-KM30C	0.5	1.5	184	1.6	11.8	74	54.9
BF 08-KM30D	0.1	2.8	113	1.2	8.5	52	40.9
BF 08-KM30E	0.3	3.2	171	1.5	23.1	97	172.7
BF 08-KM30F	0.4	2.1	97	2.2	4.8	23	41.6
BF 08-KM30G	0.4	1.8	79	1.5	5.9	27	36.1
BF 08-KM30-4	0.3	2.1	70	2.2	5.5	63	31.4
BF 08-KM30-6	0.2	0.9	187	5.8	4.5	165	27.1
BF 08-KM30-7	0.3	2.5	101	2.6	12.2	75	69.9
BF 08-KM30-8	0.2	0.8	28	1.3	3.0	22	20.6
BF 08-KM31A	0.3	2.2	174	4.3	19.5	84	107.7
BF 08-KM34	0.6	1.5	89	1.1	9.9	75	55.4
BF 08-KM35	0.4	1.5	101	1.1	8.3	51	58.4
BF 08-KM35A	0.9	3.2	29	1.0	9.2	34	55.7
BF 08-KM36	0.4	0.5	255	0.5	23.9	92	56.1
BF 08-KM37	0.8	0.9	199	2.4	13.5	55	52.9
BF 08-KM38	0.3	0.2	141	3.6	13.3	46	17.5

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

Saturn Minerals Inc

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

## ICP-MS Report

Multi-acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm
BE08-KM39	0.4	5.72	38.5	208	1	0.3	2.14	0.1	9	34.2	201	4.0	51.3	5.82	14	0.2	0.9	0.06	0.82	3
BE08-KM40	1.0	7.02	436.8	181	1	0.2	4.38	0.1	9	32.1	175	8.7	42.8	5.93	20	0.3	1.2	0.06	>2.00	3
BE08-KM40A	1.3	5.69	80.3	1160	1	0.3	6.88	0.2	154	50.2	488	3.6	50.3	5.46	20	0.5	3.9	0.05	0.89	83
BE08-KM40B	2.2	1.77	221.5	137	<1	0.8	4.06	0.2	8	9.9	211	2.5	14.7	2.33	5	0.5	0.4	0.01	0.55	4
BE08-KM41	0.6	2.88	81.5	87	1	1.1	8.35	0.1	10	13.7	133	3.0	29.0	4.43	8	0.3	0.6	0.04	0.52	4
BE08-KM42	0.7	6.82	18.1	258	1	0.5	4.30	0.3	33	38.6	137	10.5	83.5	7.17	21	1.0	2.5	0.07	1.12	15
BE08-KM43	1.6	7.10	778.9	204	1	0.2	5.81	0.5	5	38.5	154	12.6	56.6	6.61	17	0.5	1.0	0.05	>2.00	2
BE08-KM43A	0.6	1.94	117.5	73	<1	0.3	5.38	0.1	4	13.6	162	2.2	39.9	3.84	5	0.2	0.1	0.05	0.60	2
BE08-KM43B	0.5	6.50	108.3	127	1	0.2	4.89	0.1	5	30.3	148	5.1	35.3	5.91	14	0.4	0.6	0.05	1.36	2
BE08-KM44	0.5	4.54	71.5	213	1	0.3	4.96	0.2	25	21.4	224	4.5	39.1	4.25	12	0.3	1.1	0.05	0.46	12
BE08-KM45	0.7	6.40	81.2	1052	1	0.2	5.44	0.2	37	39.8	232	2.3	40.4	6.86	17	0.3	1.0	0.06	1.34	19
BE08-KM46	0.4	3.69	27.0	283	1	0.2	9.78	1.1	15	12.3	67	2.7	59.0	5.18	9	0.1	0.6	0.07	0.65	8
BE08-KM47	1.0	3.17	46.7	265	1	0.7	4.37	0.3	18	7.8	190	3.9	47.0	2.17	8	1.0	0.6	0.03	0.81	10
BE08-KM48	0.6	4.10	31.3	310	1	0.1	7.99	0.3	21	27.9	102	2.1	62.3	5.35	11	0.2	0.7	0.06	0.49	11
BE08-KM49	0.3	0.53	607.1	113	1	0.2	4.64	<0.1	<1	83.0	1156	3.4	4.3	4.22	2	0.5	<0.1	0.01	0.15	<1
BE08-KM49A	0.3	1.11	328.3	84	1	0.2	6.15	<0.1	1	79.5	1393	7.9	9.6	4.94	2	0.2	0.1	0.01	0.27	<1
BE08-KM49B	0.3	0.27	208.4	42	<1	0.1	4.59	0.1	<1	36.5	414	1.7	1.8	4.68	1	0.1	<0.1	0.01	0.06	<1
BE08-KM49C	0.2	0.37	836.9	66	<1	0.1	5.15	<0.1	<1	49.8	646	2.1	2.4	2.85	1	0.1	<0.1	0.01	0.10	<1
BE08-KM49D	0.3	0.72	390.9	134	1	0.2	4.90	<0.1	<1	84.8	2088	4.7	5.6	3.61	2	<0.1	<0.1	0.01	0.20	<1
BE08-KM50	0.2	0.37	627.1	184	<1	0.1	4.19	<0.1	<1	57.8	1320	3.1	16.2	3.39	4	<0.1	<0.1	0.01	0.11	<1
MK08-KR27A	0.4	3.07	41.0	405	1	0.3	0.16	0.4	28	8.2	157	2.5	47.4	1.94	10	<0.1	1.2	0.04	1.30	14
MK08-KR27B	0.4	3.42	29.5	351	1	0.1	0.09	0.5	29	10.5	161	2.5	60.7	2.05	10	<0.1	0.7	0.03	1.13	14
MK08-KR27C	0.4	3.60	48.5	371	1	0.2	0.07	0.3	31	14.9	162	2.5	31.5	2.48	12	<0.1	1.2	0.02	1.34	15
MK08-KR27D	0.5	6.46	200.4	572	1	0.3	0.29	0.7	16	62.7	754	3.4	129.5	6.98	14	<0.1	0.8	0.05	>2.00	9
MK08-KR27E	0.3	2.32	525.7	118	1	0.2	9.32	0.3	22	41.7	515	1.9	10.4	4.15	7	0.1	0.7	0.03	0.43	12
MK08-KR27F	0.4	2.45	221.9	53	<1	0.1	5.44	0.3	17	52.7	846	2.0	64.0	4.89	8	<0.1	0.6	0.03	0.07	8
MK08-KR69	0.4	3.09	54.5	401	1	0.3	0.23	1.0	26	15.2	180	1.1	108.6	2.58	8	0.3	0.9	0.03	0.72	13
MK08-KR70	0.6	2.24	60.8	880	<1	0.2	0.09	1.6	13	23.8	278	2.0	126.4	6.45	6	0.2	0.4	0.03	1.25	7
MK08-MH01	0.3	>10.00	12.1	616	1	<0.1	0.40	0.4	8	82.8	810	4.6	121.3	>10.00	20	0.3	0.4	0.07	>2.00	9
MK08-MH02	0.3	9.90	19.5	685	1	0.1	0.38	0.4	7	93.5	895	3.8	183.0	8.06	17	<0.1	0.7	0.07	>2.00	6

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

Saturn Minerals Inc

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

## ICP-MS Report

Multi-acid Digestion

Sample Number	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Rb ppm	Re ppb	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %
BF 08-KM39	53.9	1.54	1049	0.8	1.11	2.1	51.2	0.044	4.3	37.8	7	0.32	2.9	29.2	0.8	121	0.1	<0.1	0.2	0.622
BF 08-KM40	52.4	1.56	1441	0.9	0.17	2.1	54.6	0.045	3.3	128.1	7	1.51	13.0	32.6	0.8	113	0.1	<0.1	0.2	0.686
BF 08-KM40A	43.2	3.62	1226	3.2	0.73	22.4	344.0	0.460	10.1	25.8	6	0.89	1.7	24.1	1.2	432	1.0	<0.1	18.2	0.672
BF 08-KM40B	39.3	1.69	621	1.4	0.04	1.5	31.9	0.019	5.8	24.9	6	0.57	10.4	9.7	0.4	162	<0.1	<0.1	0.5	0.136
BF 08-KM41	42.8	3.40	1092	1.5	0.03	2.1	32.3	0.045	0.6	27.2	7	0.26	5.4	17.2	0.6	234	<0.1	<0.1	0.5	0.318
BF 08-KM42	36.0	2.70	1435	1.6	1.72	20.5	61.1	0.131	1.6	33.4	6	1.06	2.5	34.1	1.6	178	1.1	<0.1	1.1	1.301
BF 08-KM43	63.8	1.46	1914	1.5	0.27	1.1	47.2	0.032	64.4	117.8	7	1.29	42.6	38.7	0.6	138	0.1	<0.1	0.1	0.476
BF 08-KM43A	26.6	2.07	1310	1.6	0.04	0.5	18.5	0.020	3.9	29.5	7	1.65	3.6	14.2	0.4	124	<0.1	<0.1	0.1	0.098
BF 08-KM43B	74.8	2.53	1400	1.0	0.28	0.8	39.4	0.027	2.4	59.7	8	1.53	7.6	37.9	0.5	118	<0.1	<0.1	0.1	0.370
BF 08-KM44	37.6	2.90	1194	3.1	1.21	5.3	117.2	0.085	4.4	21.3	9	1.35	31.4	19.6	0.8	201	0.2	<0.1	2.2	0.322
BF 08-KM45	46.9	4.41	1211	1.4	1.12	5.2	130.9	0.118	9.0	41.2	8	1.91	5.6	31.8	1.0	302	0.1	<0.1	3.5	0.575
BF 08-KM46	43.2	4.32	1508	2.7	0.04	1.5	21.7	0.142	6.5	29.7	10	0.81	6.3	17.6	0.6	237	<0.1	<0.1	1.0	0.147
BF 08-KM47	37.6	2.16	597	10.4	0.06	1.1	36.8	0.044	7.8	34.2	13	0.78	15.1	4.7	0.5	145	<0.1	<0.1	1.9	0.049
BF 08-KM48	44.8	4.39	1485	6.0	0.45	2.3	55.3	0.088	3.4	19.1	11	1.52	6.7	18.5	0.6	506	<0.1	<0.1	1.6	0.242
BF 08-KM49	24.2	>10.00	520	2.0	0.03	0.2	>1000.0	0.002	0.7	9.6	7	0.46	7.1	7.4	0.1	218	<0.1	<0.1	<0.1	0.007
BF 08-KM49A	12.1	>10.00	683	0.7	0.02	0.2	>1000.0	0.003	<0.1	17.4	6	0.15	35.0	11.0	0.2	321	<0.1	<0.1	<0.1	0.013
BF 08-KM49B	5.3	>10.00	880	0.7	0.02	0.1	635.7	0.002	<0.1	3.4	7	0.14	5.4	4.0	0.1	245	<0.1	<0.1	<0.1	0.005
BF 08-KM49C	17.0	9.24	536	0.6	0.02	0.1	>1000.0	0.001	0.2	6.1	6	0.05	3.2	4.8	0.1	384	<0.1	<0.1	<0.1	0.005
BF 08-KM49D	24.7	6.56	596	0.6	0.03	0.1	>1000.0	0.002	1.8	12.3	7	0.54	15.4	9.6	0.1	256	<0.1	<0.1	<0.1	0.009
BF 08-KM50	11.2	>10.00	713	1.5	0.01	0.1	>1000.0	0.001	1.5	7.3	7	0.08	13.8	5.7	0.1	211	<0.1	<0.1	<0.1	0.006
MK08-KR27A	17.6	0.37	148	6.8	0.02	2.0	75.2	0.045	7.3	53.3	7	<0.05	2.8	7.3	1.4	29	0.1	<0.1	4.7	0.069
MK08-KR27B	23.6	0.34	158	4.6	0.02	2.3	80.2	0.023	4.8	49.3	18	<0.05	2.2	7.8	1.3	32	0.1	<0.1	4.7	0.072
MK08-KR27C	20.4	0.31	202	4.7	0.02	1.3	109.5	0.027	9.7	58.3	7	<0.05	4.0	9.7	0.9	41	0.1	<0.1	4.5	0.047
MK08-KR27D	17.4	0.54	524	7.8	0.47	1.3	371.0	0.072	3.5	61.9	7	<0.05	14.3	32.2	0.7	41	0.1	0.1	1.6	0.212
MK08-KR27E	14.2	5.75	1166	1.7	0.01	0.5	663.3	0.009	2.0	21.3	6	<0.05	9.8	9.9	0.2	496	<0.1	0.1	1.3	0.026
MK08-KR27F	23.2	6.61	1156	2.3	0.01	0.5	762.1	0.035	2.0	4.2	7	0.21	2.1	13.1	0.2	313	<0.1	0.1	1.0	0.026
MK08-KR69	19.2	0.20	417	12.7	0.01	1.0	71.9	0.099	10.7	26.1	7	<0.05	12.2	6.4	0.8	32	<0.1	0.3	3.6	0.040
MK08-KR70	5.9	0.12	250	10.7	0.09	0.6	67.7	0.069	6.0	33.1	6	<0.05	5.9	13.0	0.5	36	<0.1	0.1	1.1	0.044
MK08-MH01	37.0	0.45	669	3.8	0.78	2.1	344.5	0.163	<0.1	60.9	7	<0.05	2.1	54.4	0.7	36	0.1	<0.1	0.1	0.395
MK08-MH02	26.4	0.83	762	2.9	1.23	1.8	331.7	0.079	0.4	65.7	7	<0.05	5.2	48.1	0.6	40	0.1	<0.1	0.2	0.363

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



**Saturn Minerals Inc**  
 Attention: Krzysztof Mastalerz  
 Project: BE Project 2007  
 Sample type: ROCK

**Assayers Canada**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

**Report No : 8V2288RZ**  
**Date : Jul-17-08**

**ICP-MS Report**  
 Multi-acid Digestion

Sample Number	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
BE08-KM39	0.8	0.2	256	2.0	13.3	80	24.9
BE08-KM40	2.7	0.1	281	2.3	13.8	82	36.7
BE08-KM40A	0.6	4.9	174	1.8	23.2	102	179.1
BE08-KM40B	0.3	0.2	67	2.4	5.5	42	12.5
BE08-KM41	0.3	0.4	132	2.5	11.3	37	16.8
BE08-KM42	0.6	0.4	323	1.5	27.0	116	72.4
BE08-KM43	2.7	0.1	288	2.3	13.5	123	29.3
BE08-KM43A	0.4	0.1	85	1.3	8.9	36	4.0
BE08-KM43B	1.0	0.1	268	4.1	16.1	86	16.7
BE08-KM44	0.3	1.0	120	1.2	14.8	81	38.8
BE08-KM45	0.5	0.9	291	3.5	14.1	98	35.1
BE08-KM46	0.3	1.7	106	0.7	15.9	96	26.0
BE08-KM47	0.4	1.0	41	1.2	5.1	42	21.9
BE08-KM48	0.2	1.1	181	0.9	12.9	81	24.0
BE08-KM49	0.2	0.1	47	0.3	0.7	38	1.3
BE08-KM49A	0.3	0.1	58	0.3	2.6	47	1.4
BE08-KM49B	0.1	<0.1	3	0.3	0.8	17	1.0
BE08-KM49C	0.1	<0.1	30	0.2	0.4	39	0.7
BE08-KM49D	0.2	0.1	60	0.3	0.9	41	1.0
BE08-KM50	0.2	0.1	39	0.5	0.6	40	0.9
MK08-KR27A	0.4	2.9	118	1.0	7.5	82	41.3
MK08-KR27B	0.3	1.4	59	0.6	7.3	80	37.4
MK08-KR27C	0.4	2.2	98	3.7	6.8	93	42.6
MK08-KR27D	1.0	1.6	274	2.3	10.2	152	30.2
MK08-KR27E	0.2	0.6	66	1.2	9.1	58	26.0
MK08-KR27F	<0.1	0.4	99	0.9	7.3	61	23.2
MK08-KR69	0.2	3.0	166	1.1	12.7	161	34.0
MK08-KR70	0.4	1.1	55	1.2	6.1	134	15.2
MK08-MH01	1.3	0.6	408	1.5	15.9	218	11.4
MK08-MH02	1.5	1.2	269	1.4	12.4	172	24.0

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.





# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

**Saturn Minerals Inc**

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

## ICP-MS Report

Multi-acid Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm
RDH-08	0.9	0.05	10.3	4	<1	0.1	>10.00	0.2	5	1.6	5	0.2	2.5	1.43	<1	<0.1	0.1	0.04	0.01	2
RDH-09	0.9	7.98	47.4	505	2	0.1	>10.00	0.3	16	2.6	402	24.7	2.2	0.89	18	0.6	2.4	0.01	>2.00	8
RDH-10	0.1	1.73	<0.5	96	1	0.1	9.63	0.1	21	8.1	213	4.2	14.7	1.41	5	0.6	0.4	0.03	0.66	11
RDH-11	0.2	0.18	5.8	6	<1	<0.1	>10.00	<0.1	10	1.0	9	0.7	0.6	0.16	1	0.1	0.1	<0.01	0.08	6
R-KM01	0.4	7.17	1.2	63	43	5.2	1.45	<0.1	45	0.4	40	39.5	1.5	0.44	36	1.6	5.2	0.08	>2.00	14
R-KM02	0.2	0.33	4.5	18	1	0.3	6.55	0.4	37	3.1	241	3.2	4.4	2.51	1	0.3	0.1	0.12	0.12	17
R-KM03	6.2	6.66	11.3	324	9	26.1	0.29	0.1	72	20.0	192	59.5	128.7	5.72	20	1.0	1.5	0.09	>2.00	40
R-KM04	0.4	4.07	3.6	191	3	0.6	>10.00	0.2	56	9.1	86	11.7	10.0	1.87	13	0.2	1.2	0.07	1.63	30
R-KM05	0.3	2.15	2.6	119	1	0.2	>10.00	<0.1	46	5.2	101	6.3	3.6	1.54	7	0.1	0.7	0.06	0.90	25
R-KM06	3.7	7.98	201.8	118	32	8.5	1.84	0.7	62	7.2	125	45.3	9.5	2.37	37	1.5	4.4	0.41	>2.00	26
R-KM07	4.5	1.82	2274.6	59	1	10.6	>10.00	105.0	6	9.8	24	0.7	90.1	4.92	11	0.8	0.5	0.15	0.05	4
R-KM08	30.1	0.23	7451.5	10	2	266.9	0.24	210.9	2	1.4	20	0.7	3022.1	>10.00	4	30.1	<0.1	9.86	0.04	2
R-KM09	>200.0	0.17	46.0	10	<1	0.9	9.01	14.4	3	1.1	2	0.8	32.0	3.45	2	0.1	<0.1	0.22	0.05	1
R-KM9A	6.0	0.04	22.7	9	<1	0.3	>10.00	5.8	2	1.7	4	0.4	8.5	2.37	1	<0.1	<0.1	0.08	0.02	1
R-KM9B	15.9	0.13	6.0	5	<1	0.1	>10.00	4.4	5	3.0	4	0.4	5.5	3.02	1	<0.1	<0.1	0.45	0.05	3
R-KM10	31.7	0.19	216.2	758	1	0.1	>10.00	33.3	4	2.0	10	5.4	19.4	>10.00	5	3.6	<0.1	0.63	0.06	3
BF08-KM51A	1.3	0.08	20.2	6	<1	0.8	0.32	0.3	<1	269.5	956	0.3	7.6	8.39	<1	0.3	<0.1	0.01	0.01	<1
BF08-KM51B	1.2	0.29	51.3	95	<1	1.7	8.11	0.9	<1	67.1	633	1.7	24.9	3.22	1	0.4	<0.1	0.02	0.06	<1
BF08-KM52	0.3	6.98	26.9	232	1	0.1	3.87	0.5	12	25.8	167	0.4	16.3	3.28	16	0.5	0.5	0.05	0.02	6
BF08-KM53	0.7	0.48	283.3	43	<1	0.1	5.75	0.1	1	80.5	1611	1.0	19.4	5.62	3	0.5	<0.1	0.01	0.06	<1
BF08-KM54	0.4	1.86	90.7	103	<1	0.1	4.24	0.1	7	54.1	472	1.1	11.6	3.48	5	0.3	0.5	0.02	0.24	3
BF08-KM55	0.3	0.32	601.7	46	<1	0.5	6.64	0.1	2	67.6	919	2.0	16.7	3.02	1	0.2	<0.1	0.03	0.06	1
BF08-KM56	0.3	0.48	264.6	180	<1	0.1	1.63	0.1	<1	64.2	1417	5.0	5.6	3.04	2	0.4	<0.1	0.01	0.06	<1
BE08-KM57A	0.8	0.84	798.3	48	<1	0.1	5.39	0.2	1	73.9	1798	5.8	17.0	3.22	5	0.8	<0.1	0.02	0.25	1
BF08-KM57B	0.5	0.13	90.5	20	<1	<0.1	2.15	0.1	1	60.6	325	1.1	37.8	3.29	1	0.1	<0.1	0.01	0.03	<1

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 8V2288RZ

Date : Jul-17-08

**Saturn Minerals Inc**

Attention: Krzysztof Mastalerz

Project: BE Project 2007

Sample type: ROCK

## ICP-MS Report

Multi-acid Digestion

Sample Number	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P %	Pb ppm	Rb ppm	Re ppb	S %	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %
RDH-08	2.2	>10.00	1687	1.5	0.01	0.4	9.9	0.011	137.8	2.0	11	0.10	0.5	0.5	0.9	101	<0.1	<0.1	0.2	0.013
RDH-09	91.2	6.88	1380	1.8	0.18	1.9	16.0	0.151	118.6	199.4	9	<0.05	1.3	16.5	1.0	186	0.2	<0.1	10.1	0.147
RDH-10	13.0	0.41	861	3.7	0.02	2.7	23.7	0.013	2.8	42.6	8	<0.05	0.4	5.7	0.7	817	<0.1	<0.1	2.9	0.053
RDH-11	2.1	0.27	223	0.1	0.01	0.7	16.0	0.013	7.4	5.7	7	0.11	0.2	0.4	0.6	1952	<0.1	<0.1	0.4	0.026
R-KM01	261.8	0.36	497	1.5	0.04	39.4	3.5	0.002	7.8	652.9	7	<0.05	0.3	14.0	36.9	82	22.3	<0.1	11.8	<0.005
R-KM02	22.6	0.13	2105	4.0	0.01	1.2	14.6	0.017	6.5	23.4	7	<0.05	2.8	11.3	1.3	122	0.1	<0.1	1.0	0.018
R-KM03	83.2	0.76	237	3.5	0.21	19.5	29.4	0.023	146.2	333.3	8	<0.05	1.5	12.6	8.6	73	1.1	0.1	13.9	0.220
R-KM04	42.7	0.56	546	1.0	0.06	6.6	29.4	0.020	28.3	127.8	7	<0.05	1.0	8.4	3.0	1836	0.5	<0.1	7.5	0.103
R-KM05	31.2	0.44	377	0.3	0.04	4.1	20.3	0.022	5.5	72.5	7	0.06	0.9	4.9	1.8	1921	0.1	<0.1	4.5	0.076
R-KM06	315.3	0.59	2470	2.9	0.09	38.0	15.2	0.015	174.7	>1000.0	7	<0.05	4.9	16.7	90.0	64	14.8	<0.1	12.9	0.107
R-KM07	26.8	2.63	1196	0.4	0.01	6.6	21.9	0.019	6154.9	13.9	8	<0.05	60.0	3.6	11.7	102	0.7	<0.1	3.5	0.061
R-KM08	6.3	0.17	89	33.3	0.01	1.5	5.2	0.038	>10000.0	8.4	13	<0.05	375.3	0.5	68.4	8	0.1	<0.1	0.4	<0.005
R-KM09	18.8	1.68	>10000	1.5	0.01	0.2	8.8	0.004	>10000.0	5.3	5	5.66	559.0	0.1	50.9	64	<0.1	<0.1	0.1	0.006
R-KM9A	1.6	9.44	>10000	1.1	0.01	0.3	13.0	0.010	6588.3	1.5	6	0.12	13.7	0.1	5.7	85	<0.1	<0.1	0.1	0.011
R-KM9B	1.4	>10.00	>10000	1.0	0.01	0.3	11.9	0.008	>10000.0	5.7	7	0.56	15.0	0.3	8.5	145	<0.1	<0.1	0.1	0.010
R-KM10	20.6	2.34	>10000	11.2	0.01	0.6	7.6	0.021	7643.6	6.8	8	0.12	29.3	0.4	8.8	305	<0.1	<0.1	0.4	0.008
BF 08-KM51A	1.5	>10.00	1603	1.2	0.01	0.2	>1000.0	0.003	126.8	0.4	6	2.44	0.9	7.1	0.2	12	<0.1	0.3	<0.1	<0.005
BF 08-KM51B	23.7	6.70	1343	2.5	0.01	0.2	>1000.0	0.002	151.5	3.5	7	0.65	4.5	4.3	0.4	418	<0.1	0.2	<0.1	0.005
BF 08-KM52	72.8	2.30	891	1.6	0.03	1.4	191.9	0.044	29.0	1.5	10	0.53	2.6	24.9	1.2	586	0.1	0.2	0.7	0.335
BF 08-KM53	9.0	>10.00	799	0.6	0.02	0.2	>1000.0	0.009	39.1	4.5	6	0.16	4.3	8.3	0.3	268	<0.1	<0.1	<0.1	0.008
BF 08-KM54	17.1	>10.00	802	0.6	0.02	2.0	868.7	0.012	26.0	11.0	7	0.06	7.5	8.0	0.4	500	<0.1	<0.1	0.6	0.092
BF 08-KM55	13.9	>10.00	1376	1.9	0.02	0.2	>1000.0	0.005	8.2	3.9	7	0.24	18.4	5.8	0.2	371	<0.1	<0.1	<0.1	0.008
BF 08-KM56	27.2	9.98	516	0.5	0.02	0.2	>1000.0	0.005	23.4	5.5	6	0.12	10.5	5.9	0.3	145	<0.1	<0.1	<0.1	0.006
BF 08-KM57A	34.8	8.39	725	1.6	0.02	0.2	>1000.0	0.003	14.0	19.7	7	0.36	64.5	8.8	0.3	527	<0.1	<0.1	<0.1	0.011
BF 08-KM57B	11.9	>10.00	464	27.1	0.03	0.1	>1000.0	0.004	15.0	2.1	24	0.09	14.0	3.8	0.3	78	<0.1	<0.1	0.1	0.005

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.



**Saturn Minerals Inc**  
 Attention: Krzysztof Mastalerz  
 Project: BE Project 2007  
 Sample type: ROCK


**Assayers Canada**  
 8282 Sherbrooke St., Vancouver, B.C., V5X 4R6  
 Tel: (604) 327-3436 Fax: (604) 327-3423

**Report No : 8V2288RZ**  
**Date : Jul-17-08**

**ICP-MS Report**  
 Multi-acid Digestion

Sample Number	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
RDH-08	0.1	0.5	6	0.4	3.2	61	0.9
RDH-09	2.5	6.0	461	1.2	8.3	168	85.3
RDH-10	0.3	0.6	13	0.7	20.7	12	14.6
RDH-11	0.1	1.1	4	0.3	1.7	2	3.2
R KM01	5.7	6.9	<2	4.4	35.1	9	37.8
R KM02	0.3	1.5	<2	0.8	23.1	93	3.7
R KM03	2.7	5.1	46	5.9	19.4	61	56.1
R KM04	1.0	2.1	33	1.2	24.3	50	35.3
R KM05	0.6	1.3	18	1.0	17.2	19	25.7
R KM06	8.8	7.9	37	25.0	33.8	337	54.3
R KM07	1.0	2.3	15	77.9	10.0	6553	17.0
R KM08	0.2	20.4	27	797.3	8.9	>10000	2.5
R KM09	0.3	0.9	3	4.4	1.8	4345	0.6
R KM9A	0.1	0.7	2	2.7	1.8	2758	0.5
R KM9B	0.1	0.1	2	1.5	3.3	1825	0.6
R KM10	0.2	5.5	14	310.8	5.3	>10000	1.5
BF08-KM51A	<0.1	4.4	32	2.1	0.2	132	0.3
BF08-KM51B	0.1	0.3	<2	5.4	0.6	414	0.8
BF08-KM52	<0.1	0.9	206	6.2	8.6	155	13.9
BF08-KM53	0.1	0.1	58	0.3	0.9	59	0.8
BF08-KM54	0.1	0.3	22	0.9	3.3	32	19.2
BF08-KM55	0.1	0.3	31	0.9	2.6	32	0.9
BF08-KM56	0.1	<0.1	45	0.6	0.3	56	0.4
BF08-KM57A	0.3	0.1	66	0.7	2.1	88	1.8
BF08-KM57B	0.1	0.1	<2	0.4	0.3	28	0.9

A .2 gm sample is digested with HCl/HNO3/HF/HClO4 and diluted to 25 ml.

Signed: \_\_\_\_\_ 







APPENDIX 3

Drill Hole Logs

**Saturn Minerals Ltd.**  
Project **Beavis 08**

Drill Hole BS8-1 Easting: 571780  
Core NTW Northing: 6605990  
TD (700 ft) 213.36 m Elevation: 698 m a.s.l.  
Claim 201971 (567668) Azimuth: 031  
NTS 104N.052 Dip: -45

Contractor: Kluane  
Started: 13-Aug-08  
Finished: 17-Aug-08  
Logged by: K. Mastalerz  
Date logged: 14-Aug-08  
19-Aug-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	31	-45.5

From m	To m	Length m	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	0.75	0.75	0	Gravel							
0.75	3.05	2.30	0	Sandy-clayey greenish-yellow till; some boulders in lower sector							
3.05	3.20	0.15	0	Gravel							
3.20	3.65	0.45	0	Yellowish, strongly weathered-oxidized, fractured bedrock	Oxid-st						
3.65	4.40	0.75	MV	Light grayish metavolcanics (andesite-dacite?), well developed shear fabric at 10-15deg rca, thin carbonate veinlets with brownish-rusty haloes	Carb-v/p	d/cPy 0.5%					
4.40	4.92	0.52	F	Fracture/fault zone in black metasediments with some scattered volcanic frags	Carb-v/p	d/cPy tr	tbx				
4.92	6.35	1.43	BM	Dark gray fine-to-medium grained, matrix-supported lapilli tuff, sedimentary muddy-graphitic matrix; shear fabric at 35-50deg	Carb-p	d/cPy 0.5-1%					
6.35	7.40	1.05	BM	Grayish f-t-m g, matrix-poor lapilli tuff, predominant strongly vuggy silicified volcanic frags, drusy fine quartz in vugs	Sil						
7.40	7.80	0.40	F	Fracture/fault zone in grayish lapilli tuff, abundant black matrix	Cl-st		tbx				
7.80	8.68	0.88	BM	Matrix-rich black matrix lapilli tuff, with thin carbonate veins	vCarb-md	d/fr Py 0.5%	wk				
8.68	9.16	0.48	FP	Light creamy dacitic feldspar porphyry, few thin veins of quartz-carbonate	Cl-wk, vSil/Carb-wk	fr Py 1-2%	wk	BS81-01	8.60	9.14	0.54
9.16	11.00	1.84	BM	Matrix-rich black matrix lapilli tuff, thin carbonate veins	vCarb-md	d/fr Py 2-4%	wk				
11.00	11.35	0.35	FP	Light creamy dacitic feldspar porphyry, crudely layered parallel to the contacts at 30-45deg rca	Cl-wk	fr/d Py 1-2%	wk				
11.35	16.37	5.02	BM	Matrix-rich black matrix lapilli tuff, common thin carbonate veins	vCarb-md	d/f Py 1%	wk				
16.37	16.40	0.03	TX	Tectonic breccia at approximately 47deg rca			tbx				
16.40	23.40	7.00	BM	Matrix-rich black matrix lapilli tuff/volcanic breccia, a package of tectonic melange, variable tectonic fabric with some shear zones, common thin carbonate veins	vCarb-md	d/f Py 0.5-2%	md-st				
23.40	23.66	0.26	BM	Same but with strongly developed shear bands at 35deg rca			sheared				



23.66	24.92	1.26	QC	Irregular quartz veins/breccias, drusy textures, associated pyrite, partly dissolution of fragments	vSil-st	Py 1%	st	BS81-02	23.66	24.30	0.64
24.92	26.03	1.11	BM	Matrix-rich black matrix lapilli tuff/volcanic breccia, a package of tectonic melange, variable tectonic fabric, locally vuggy, common thin carbonate veins	Sil-Carb-md	d/f Py 0.5-2%	md-st				
26.03	27.08	1.05	TX	Tectonic breccia developed in black matrix tuff breccia/lapilli tuff, numerous calcite-carbonate veins to stockwork, locally vuggy textures			tbx	BS81-03	26.03	26.88	0.85
27.08	29.15	2.07	MV	Whitish andesite/dacite strongly altered volcanic rock, common carbonate veinlets, sharp contacts at 35-40deg rca	Cl/Carb-st	tr d Py	wk/md				
29.15	30.86	1.71	BM	Black matrix lapilli tuff/tuff breccia, mixed composition of fragments (dacitic and serpentized mafic volcanics)	Sil-wk	d/c Py 1-2%					
30.86	33.10	2.24	MV	Light greenish, afanitic-to-fine grained meta-volcanic, mafic(?), sharp contacts at 45 deg rca	Cl/Carb-md						
33.10	33.27	0.17	BM	Black matrix lapilli tuff strongly sheared, up to incipient shear bands at 35-45deg rca			sheared				
33.27	35.15	1.88	BM	Black matrix lapilli tuff/volcanic breccia strongly sheared, numerous calcite veinlets, some pyrite cementation around fragments	vCalc-md	d/c Py 1-2%	sheared				
35.15	35.28	0.13	BM	Black matrix lapilli tuff strongly sheared, up to incipient shear bands at 40-45deg rca		d Py 1-5%	sheared				
35.28	36.50	1.22	BM	Black matrix lapilli tuff/tuff breccia, mixed composition of fragments (dacitic and serpentized mafic volcanics)	Carb-md						
36.50	37.12	0.62	BM	Strongly broken core - probably the same lithology				BS81-04	36.50	37.00	0.50
37.12	37.40	0.28	BM	Black matrix lapilli tuff/tuff breccia, mixed composition of fragments (dacitic and serpentized mafic volcanics), strongly siliceous, fragments show distinct microfracturing, irregular thin quartz-carbonate banded veins; tectonic grain fabric at 45 deg rca	vSil/Carb-md, Sil	d/fr Py 1-3%	md	BS81-05	37.00	37.40	0.40
37.40	38.80	1.40	BM	Matrix-rich black matrix lapilli tuff/tuff breccia, locally silicified	Sil-wk	fr/d Py 1-5%					
38.80	56.05	17.25	BM	Matrix-poor volcanic breccia/tuff breccia, mixed composition (mafic and dacitic fragments), locally moderately silicified and/or carbonate altered, sheared fabric and carbonate veinlets at 45deg rca; grain framework is tighter and frags are larger downhole	v/pSil/Carb-wk	d/f Py 1-2%	wk	BS81-06	41.85	42.42	0.57
56.05	57.40	1.35	BM	Volcanic breccia clast supported, possibly tectonically reactivated		d Py 1%					
57.40	59.36	1.96	BM	Matrix-poor black matrix lapilli tuff	Carb-md	d Py 1%					
59.36	60.22	0.86	UM	Light creamy to greenish, fine-medium pyroxene porphyry, few olivines, calcite filled vuggs, sharp chilled contacts at 35-45deg rca - discordant to tectonic(?) fabric; probably dyke							
60.22	61.10	0.88	BM	Matrix-rich black matrix lapilli tuff, strong sheared tectonic fabric along 65deg rca	Carb/Sil-md	d Py 2-3%					

61.10	63.60	2.50	BM	Matrix-poor black matrix lapilli tuff with distinct tectonic fabric and incipient brecciation along 30-35deg rca, abundant felsic (dacitic?) silicified fragments with microfracturing, thin calcite veins and veinlets, lower contact gradational	carb-md	d Py 2-5%	md					
63.60	64.03	0.43	QC	Whitish calcite-carbonate veins in black matrix lapilli tuff, drusy	vCarb-st	Py 2-4%						
64.03	64.70	0.67	TX	Dark gray tectonic breccia/tectonic fracture zone, strong tectonic fabric at 60-65deg rca			tbx					
64.70	66.06	1.36	BM	Matrix-poor black matrix volcanic breccia/lapilli tuff, locally development of incipient shear bands								
66.06	66.35	0.29	MV	Light creamy fragmental volcanic rock (dacite composition?)	Sil-wk							
66.35	68.30	1.95	BM	Matrix-poor volcanic breccia/tuff breccia with predominant dacitic, silicified fragments								
68.30	70.92	2.62	BM	Black matrix lapilli tuff/tuff breccia with moderately abundant matrix, tectonic grain fabric at 45deg rca	Sil/Carb-wk/md	Py 2-3%						
70.92	73.70	2.78	BM	Gray fragmental meta-volcanic: from sand-size tuff to tuff breccia, matrix-poor, locally redeposited large lumps of mudstone (tuffaceous?), sharp lower contact	Sil-wk, vCalc-wk	d/c Py 1-3%		BS81-08	72.80	73.60	0.80	
73.70	73.71	0.01	QC	Quartz-carbonate veinlets to stockwork along the contact with the intrusive rock, abundant mineralization; 45-50deg rca	Sil/Carb-st	Py 3-7%, Cpy 3-5%, Sph 1%, Ga 0.5-1%		BS81-09	73.60	73.80	0.20	
73.71	75.20	1.49	UM	Dark greenish mafic, pyroxene porphyry, fine- to medium-size of phenocrystals, both contact sharp and chilled at 50deg rca; few fragments of pinkish rock of unknown protolith	Serp-wk, Chl-wk							
75.20	75.28	0.08	BM	Black matrix lapilli tuff/tuff breccia, dacitic(?) composition, tectonically modified grain fabric	Sil-wk	f/d Py 3-5%						
75.28	82.80	7.52	UM	Variable color: reddish-to-greenish-to-almost black, ultramafic porphyry, pyroxene-olivine phenocrystals of medium size, some carbonate-quartz veinlets at 45deg rca	Serp-wk, Chl-wk	tr Py+ Marcasite		BS81-10	79.50	79.75	0.25	
82.80	82.87	0.07	QC	Whitish quartz vein/breccia, contacts at 65deg rca	vSil-st		st	BS81-11	82.68	82.90	0.22	
82.87	82.94	0.07	UM	Greenish, strongly serpentinized intrusive, mafic(?)	Serp-st							
82.94	83.14	0.20	TX	Tectonic breccia, blackish, mixed composition	Sil-st		tbx	BS81-12	82.90	83.20	0.40	
83.14	99.50	16.36	FP	Light creamy-greenish medium grained feldspar-hornblende porphyry, thin quartz-carbonate veins, andesitic/dacitic composition	vSil/Carb-md, Sil-wk, Cl-	d Py 0.5%	wk					
99.50	102.70	3.20	FP	Darker greenish porphyry, similar composition of phenocrystals, lower contact gradational	Cl-md							
102.70	105.22	2.52	FP	Light creamy-greenish medium grained feldspar-hornblende porphyry, thin quartz-carbonate veins, andesitic/dacitic composition, near bottom silicified	Cl-st, Sil-wk, Serp?	d Py 0.5%		BS81-13	104.75	105.10	0.35	

105.22	115.40	10.18	FP	Light greenish fine feldspar porphyry (few phenocrystals - very abundant matrix), crudely banded, lower contact sharp at 60deg rca	Cl-md, Sil-wk	d/f Py 0.5%		BS81-14	113.55	113.85	0.30
115.40	116.62	1.22	FP	Light gray andesite porphyry (feldspar + hornblende), in lower part coarse fragmental texture, numerous calcite vein/breccia zones	Carb-md, Sil-wk		md	BS81-15	116.12	116.62	0.50
116.62	117.16	0.54	TX	Grayish tectonic breccia with abundant carbonate cementation, sharp lower contact at 75deg rca	Carb-st	d Py 3-5%	tbx	BS81-16	116.62	117.16	0.54
117.16	118.50	1.34	BM	Black matrix lapilli tuff/tuff breccia, moderately abundant matrix, distinct tectonic fabric at 45-50deg rca	Sil-wk	d/f Py 2-4%	wk	BS81-17	117.16	117.60	0.44
118.50	127.58	9.08	SR	Greenist to brownish-gray serpentinite, strong tectonic fabric at 45-50deg rca, thin chalcedony-calcite veins	Serp-md/st		wk	BS81-18 BS81-19 BS81-20 BS81-20A BS81-20B	121.00 124.90 125.50 125.65 126.50	121.30 125.50 125.65 126.50 127.65	0.30 0.60 0.15 0.85 1.15
127.58	132.75	5.17	UM	Dark brownish gray harzburgite porphyry, common carbonate veins, lower contact gradational	Serp, vCarb-md						
132.75	133.43	0.68	UM	Gradational zone from harzburgite to greenish serpentinite	Serp						
133.43	134.25	0.82	SR	Grayish serpentinite, siliceous zone, gradational contacts at 45deg rca	Serp			BS81-21	133.43	134.25	0.82
134.25	135.50	1.25	SR	Incipient serpentinite (fragmental mafic protolith) with some pods of silicification	Serp, Sil-md						
135.50	135.71	0.21	TX	Tectonic breccia with strong carbonate cementation in serpentinite, banded carbonate infills, contacts at 40 deg rca	Carb-st		tbx	BS81-22	135.50	135.71	0.21
135.71	136.50	0.79	SR	Serpentinite with strong tectonic fabric at 42deg rca, fractured	Serp	f Py 5-15%	st	BS81-23	135.71	136.50	0.79
136.50	141.46	4.96	FP	Light greenish, slightly siliceous plagioclase porphyry, crudely banded at 45deg rca, few quartz-carbonate veins	Cl-wk, Sil-wk/md		wk	BS81-24 BS81-25	136.50 141.14	136.77 141.46	0.27 0.32
141.46	141.59	0.13	SR	Greenish serpentinite, contacts at 45-50deg rca				BS81-26	141.46	141.59	0.13
141.59	141.92	0.33	QC	Irregular quartz vein, whitish to gray, banded, locally brecciated, contacts at 35-40deg	vSil-st		st	BS81-28	141.59	141.92	0.33
141.92	142.31	0.39	SR	Greenish serpentinite with numerous quartz-carbonate replacements, some calcite veins at 40 deg	Sil-md	d Py 2-5%		BS81-29	141.92	142.37	0.45
142.31	142.37	0.06	QC	Irregular quartz vein at 40-45deg rca in serpentinite	vSil-st	d/f Py 3-5%	st				
142.37	143.98	1.61	SR	Greenish serpentinite with some quartz-carbonate replacements and veinlets at 35deg rca	vSil/Carb-md	d Py 3-7%	wk	BS81-30	142.37	143.26	0.89
143.98	144.61	0.63	MV	Light creamy tuffaceous(?) rock, commonly amygdaloidal textures (py infils), distinct depositional fabric at 45deg rca	Cl-wk, Chl-wk	Py 2-10%					
144.61	145.67	1.06	MV	Very light greenish meta-tuff(?), with crude banding at 45-50deg rca, locally siliceous lithophysae	Serp, Sil-wk	Py 2%		BS81-31	145.37	145.75	0.38
145.67	145.71	0.04	QC	Quartz vein/replacement zone in serpentinite, drusy	Serp, vSil-st		md				

145.71	146.32	0.61	DK	Greenish diabase/andesite dyke with chilled margins at 5-60deg rca, porphyritic to amygdular								
146.32	150.48	4.16	UM	Dark greenish-gray fone pyroxene porphyry mafic/ultramafic, thin carbonate veins, locally zones of incipient brecciation with quartz-carbonate cement and sulfide minerals	Serp-wk, Sil/Carb-md	Py 2-4%, Cpy 0.5%, Sph 0.5%	md	BS81-32	146.80	147.65	0.85	
150.48	154.33	3.85	SR	Moderately green serpentinite, contacts irregular along approx 30deg accompanied by some quartz-carbonate replacements	Sil-Carb-wk, Serp							
154.33	158.60	4.27	MV	Light greenish meta-tuff, strong talcose-sericite alteration, crudely banded at 25-40deg rca, lower contact shar at 20-25deg	Serp (Talc-Seric)							
158.60	163.40	4.80	SR	Greenish to slightly bleached serpentinite, fragmental texture still preserved locally, few thin quartz-carbonate veins, trace of mariposite, lower contact at 65deg rca	Serp, Listw		wk/md	BS81-33	161.00	161.70	0.70	
163.40	163.43	0.03	QC	Quartz-carbonate vein/breccia, vuggy, drusy, sulfide mineralization, contacts at approx 70deg rca	vSil-st	Py 3-5%, Sph 5%, Ga 3%	st	BS81-34	163.35	163.50	0.15	
163.43	165.65	2.22	SR	Greenish to slightly bleached serpentinite, fragmental texture still preserved locally, few thin quartz-carbonate vein	Serp			BS81-35	163.50	163.80	0.30	
165.65	173.19	7.54	BM	Grayish matrix-poor volcanic breccia/tuff breccia, crudely layered at 70deg rca, mixed composition of fragments (serpentinized and dacitic-silicified), lower contact at 65deg rca	Serp?							
173.19	173.62	0.43	SR	Greenish to bleached serpentinite	Serp							
173.62	174.41	0.79	BM	Black matrix lapilli tuff/tuff breccia with some layers of tuffaceous mudstone, mixed composition of fragments, some pinkish quartz-carbonate, drusy veins	vSil/Carb-wk			BS81-36	173.70	174.10	0.40	
174.41	178.07	3.66	SR	Light greenish serpentinite, few quartz-carbonate thin veins	Cl-st, Serp							
178.07	185.00	6.93	SR	Dark greenish serpentinite, some banded veins of quartz and carbonates	Serp, vSil/Carb-md	d Py 1-5%		BS81-37	183.00	183.80	0.80	
185.00	191.75	6.75	SR	Light green, frequently bleached serpentinite, some thin quartz-carbonate veins and replacements; locally fragmental texture preserved	Cl-md, Serp, vSil/Carb-wk			BS81-38	190.45	191.25	0.80	
191.75	192.14	0.39	SR	Green to whitish serpentinite, strongly clay altered, numerous quartz-carbonate-chalcedony(?) veinlets at 15deg rca, fragmental texture	Serp, Cl-st, vSil-Carb-md							
192.14	195.41	3.27	SR	Dark greenish serpentinite with clearly detectable fragmental texture of volcanic breccia/tuff breccia protolith, crude layering at 65deg rca, some thin quartz-Py veinlets	Serp-md, vSil-Carb-md	fr Py 1-2%	wk-md	BS81-39	194.76	195.41	0.65	

195.41	195.54	0.13	MV	Clast-supported, andesite(?) volcanic breccia, numerous Py veinlets and some small quartz-Py replacements	Serp-wk' vSil/Chl-md/st	fr Py 3-10%, tr Po	md	BS81-40	195.41	195.54	0.13
195.54	195.77	0.23	OR	Massive pyrite-carbonate-chalcedony(?) replacements in dacite(?) volcanic breccia - sulfide mound, layering/stratification at 60-65deg rca	Sil/Carb/Pv-st	Py 60-65%, tr		BS81-41	195.54	195.77	0.23
195.77	196.30	0.53	MV	Greenish andesite/dacite volcanic breccia with numerous thin veins partly filled with pyrite, subparallel to stratification (60-65deg rca) and sub-perpendicular to it - fractured feeder zone of the mound	vSil/Py-st	Py 5-10%, tr d Po	st	BS81-42	195.77	196.30	0.53
196.30	196.33	0.03	OR	Massive pyrite layer at approx 45deg rca	Sil/Py-st	Py 50-65%		BS81-43	196.30	196.95	0.65
196.33	197.66	1.33	MV	Greenish andesite volcanic breccia with numerous thin veins partly filed with pyrite, subparallel to stratification (60deg rca) and sub-perpendicular to it - fractured feeder zone of the mound	vSil/Py-st	Py 5-10%, tr d Po	st	BS81-44	196.95	197.70	0.75
197.66	203.88	6.22	SR	Greenish to variably bleached (topmost part) serpentinite, some quartz-pyrite veinlets	vSil/Py-wk, Serp	f Py2-5%, diss Po 1%	wk/md	BS81-45	197.70	198.12	0.42
203.88	205.48	1.60	DK	Dark grayish dyke of diabase with chilled contacts							
205.48	205.66	0.18	QC	Quartz-carbonate vein/breccia zone at 40-45deg rca, trace of mariposite	vSil/Carb-st, Listw	f Py 5-7%	st	BS81-47	205.45	206.53	0.80
205.66	206.52	0.86	SR	Light greenish serpentinite	Serp						
206.52	207.03	0.51	SR	Bleached serpentinite with numerous thin quartz-carbonate veins, fragmental protolith texture	Serp, vSil/Carb-md	f Py 1-3%	md	BS81-48	206.53	207.11	0.58
207.03	210.10	3.07	SR	Dark greenish serpentinite, locally weakly bleached along the contacts with carbonate-quartz veins	vCarb/Sil-wk, Serp						
210.10	210.11	0.01	QC	Quartz replacement zone along 55deg rca	Sil-st	tr Sph					
210.11	211.23	1.12	SR	Greenish serpentinite, bleached along lower contact, relics of depositional fabric at 45-60deg rca in fragmental protolith	Serp						
211.23	211.28	0.05	QC	Thin zone of quartz vein/breccia, banded	vSil-st						
211.28	211.51	0.23	SR	Bleached serpentinite with numerous thin quartz-carbonate veins	vSil/Carb-st, Serp		st				
211.51	213.36	1.85	SR	Green serpentinite, relics of fragmental fabric at 67deg rca in protolith rock	Serp						
EOH @ 213.36 m (700 ft)											

Abbreviations used:

Alteration: Sil- silicification, Serp - serpentization, Carb - carbonatization, Listw- listwanite alteration, Cl - clay, Chl - chlorite, Oxid - oxidation; v - vein, p - pervasive

v - vein, p - pervasive; wk - weak, md - moderate, st - strong

Ore Minerals: Py - pyrite, Cpy - chalcopyrite, Apy - arsenopyrite, Ga - galena, Sph - sphalerite; Po - pyrrhotite; tr - trace; f - fracture/vein controlled

d - disseminated, c - cubed, b - blebs, m - massive

Fracture/vein density (relative): wk - weak, md - moderate, st - strong

**Saturn Minerals Ltd.**

Project **Beavis 08**

Drill Hole **BS8-2**

Core NTW

TD (360 ft) 109.73m

Claim 201971 (567668)

NTS 104N.052

Easting: 571780

Northing: 6605990

Elevation: 698 m a.s.l.

Azimuth: 031

Dip: -60

Contractor: Kluane

Started: 17-Aug-08

Finished: 19-Aug-08

Logged by: K. Mastalerz

Date logged: 18-Aug-08

21-Aug-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	31	-60

From	To	Length	Code	Lithology and Structure	Alteration	Ore	Fracture	Sample	From	To	Length
m	m	m				Minerals	Density	Label	m	m	m
0.00	1.65	1.65	0	Gravel to sandy-gravelly till							
1.65	3.65	2.00	MV	Light grayish-creamy, fine porphyritic metavolcanics (andesite-dacite?), locally strongly oxidized	Oxid-st						
3.65	7.45	3.80	BM	Dark gray black-matrix volcanic breccia/lapilli tuff, matrix-rich, shear fabric at 40-50deg rca, few carbonate veins	vCarb-wk						
7.45	8.65	1.20	FP	Light creamy fine feldspar porphyry, discordant sharp contacts, dyke	Cl-wk						
8.65	9.85	1.20	BM	Poor-matrix black-matrix volcanic breccia, predominantly andesitic/mafic fragments, gradational contacts							
9.85	12.17	2.32	BM	Black-matrix tuff breccia/volcanic breccia, mixed composition with predominant fragments of vuggy silicified dacitic(?) volcanics, tectonic fabric mimics primary depositional one along 35-40deg rca, few carbonate-quartz thin veins	vCarb/Sil-wk						
12.17	12.40	0.23	DK	Irregular dykelet of light creamy feldspar porphyry	Cl-wk						
12.40	13.15	0.75	MV	Grayish andesitic/mafic tuff/lapilli tuff, massive, few vuggy silicified frags	Sil-wk						
13.15	15.25	2.10	BM	Black-matrix volcanic breccia/tuff breccia, polymictic composition							
15.25	15.55	0.30	BM	Matrix-poor volcanic breccia with predominant serpentized slabs of mafic volcanics	Serp?						
15.55	20.20	4.65	BM	Matrix-rich black-matrix lapilli tuff/tuff breccia with some intervals of tuffaceous mudstone, depositional/tectonic grain fabric at 55-65deg rca, some serpentized volcanic frags, few calcite veinlets	vCarb-wk						
20.20	21.95	1.75	BM	Matrix-poor, black-matrix volcanic breccia/tuff breccia, polymictic composition, few carbonate veinlets	vCarb-wk						
21.95	23.10	1.15	BM	Matrix-rich black-matrix lapilli tuff/tuff breccia, depositional/tectonic grain fabric a 35-45deg rca, includes some meta-chert frags, few calcite veinlets	v-Carb-wk	fr Py 1%	wk				
23.10	23.85	0.75	BM	Black-matrix tuff breccia with numerous, sheeted veins of quartz-carbonate-chalcedony, up to tectonic brecciation	vSil/Carb-st	fr Py 1-2%	st-tbx				

23.85	26.00	2.15	BM	Matrix-rich black-matrix lapilli tuff/volcanic breccia, locally distinct, well preserved depositional fabric/stratification at 25-30deg rca, tectonic cleavage at 45-50deg rca, some thin quartz-carbonate veins up to stockwork development in the lower part of the intervals	vSil/Carb-md	fr Py 1-2%	md/st	BS82-01 BS82-02	24.20 25.25	25.25 26.00	1.05 0.75
26.00	27.04	1.04	BM	Matrix-poor black-matrix volcanic breccia (welded tuff protolith), carbonate-calcite stockwork and some quartz-chalcedony veins	vSil/Carb-md	fr Py 0.5%	md/st	BS82-03	26.00	27.05	1.05
27.04	29.47	2.43	TX	Grayish tectonic breccia, polymictic, angular fragments, vuggy, carbonatized	Carb-md		tbx	BS82-04 BS82-05 BS82-06	27.05 27.85 29.12	27.85 29.12 30.63	0.80 1.27 1.51
29.47	29.75	0.28	BM	Black tuffaceous mudstone with stratification at 65deg rca, some lapilli-size frags	Sil-wk	tr diss Py					
29.75	30.72	0.97	TX	Black tectonic breccia, abundant black muddy gouge material			tbx				
30.72	31.30	0.58	BM	Black-matrix tuff breccia with well developed carbonate stockwork of veins	vCarb-st, Sil-wk	fr Py 2-3%	st	BS82-07	30.63	31.38	0.75
31.30	33.30	2.00	BM	Matrix-rich black-matrix lapilli tuff/tuff breccia, bimodal clasts composition, grain fabric at 10-25deg rca, some thin chalcedony-carbonate veins	vCarb-md		wk	BS82-08	31.38	32.52	1.14
33.30	35.05	1.75	BM	Matrix-poor black-matrix lapilli tuff/tuff breccia with predominant serpentized frags of mafic volcanics, few carbonate-quartz veins, grain fabric (depositional) at 15-25deg rca	vCarb/Sil-wk		wk				
35.05	35.60	0.55	BM	Matrix-rich black matrix lapilli tuff, carbonate veinlets at 75 deg rca	vCarb-md						
35.60	37.39	1.79	BM	Matrix-poor black-matrix lapilli tuff/tuff breccia with predominant dacite-andesite frags, numerous carbonate-quartz veins, sharp lower contact at 35deg rca	vCarb/Sil-st	diss Py 2-3%	md/st				
37.39	39.64	2.25	UM	Greenish mafic/ultramafic pyroxene-porphry, sharp lower contact at 25 deg rca, weak serpentization along the contacts	Serp-wk						
39.64	42.65	3.01	BM	Matrix-poor black-matrix lapilli tuff/tuff breccia with predominant dacite-andesite frags, numerous carbonate-quartz veins, shearing at 3-40deg rca, partly broken core		diss Py 2-4%	sheared				
42.65	43.00	0.35	BM	Same as above but with numerous vuggy silicified frags	Sil	diss Py 1-1.5%	sheared	BS82-10	42.67	43.35	0.68
43.00	43.50	0.50	F	Fault zone/gouge in black-matrix lapilli tuff, strongly broken core	Cl-md						
43.50	44.65	1.15	BM	Black-matrix tuff breccia/volcanic breccia, slightly bleached, sharp contacts at 30deg, slightly serpentized	Serp-wk						
44.65	46.97	2.32	UM	Greenish mafic/ultramafic pyroxene-porphry, sharp contacts at 30deg rca, weak serpentization along the contacts	Serp-wk						
46.97	47.07	0.10	QC	Sheeted carbonate-quartz thin veins at 30deg rca	vCarb/Sil-st	diss Py 1%	st	BS82-11	46.90	47.57	0.67
47.07	48.90	1.83	BM	Matrix-rich black-matrix volcanic breccia/tuff breccia, predominant serpentized frags, locally thin carbonate-quartz veins	vCarb/Sil-wk						





89.15	90.04	0.89	BM	Black-matrix lapilli tuff, locally incipient brecciation and quartz-carbonate veining, slightly sheared at 45deg rca, lower contact at 55deg	vCarb/Sil-md	diss Py 1-3%	wk	BS82-21	89.21	90.04	0.83
90.04	90.29	0.25	MV	Light gray, strongly silicified felsic (dacite?) volcanic, microfracturing	Sil-md		wk				
90.29	90.98	0.69	BM	Black-matrix redeposited volcanic conglomerate-to-breccia, partly tectonic brecciation			md/st	BS82-22	98.60	98.80	0.20
90.98	91.04	0.06	BM	Black-matrix fine-grained redeposited conglomerate							
91.04	91.44	0.40	FP	Light gray silicified fine feldspar porphyry, crude banding at 45deg rca, some concentrations of chalcedony	Sil						
91.44	99.25	7.81	FP	Light greenish fine feldspar porphyry, slightly silicified	Sil-wk	fr/diss Py 1-2%	wk				
99.25	99.69	0.44	FP	Same but strongly silicified and crudely banded at 55deg rca, irregular lower contact at 55-60deg	Sil-st						
99.69	99.71	0.02	BM	Lens of black-matrix lapilli tuff along the contact							
99.71	101.13	1.42	UM	Dark brownish-green ultramafic pyroxene porphyry, slightly serpentinized, chilled and bleached along both contacts (intrusive?); lower contact sharp at 25deg cut through the layering of the underlying rock	Serp-wk			BS82-24	100.56	101.13	0.57
101.13	103.18	2.05	BM	Black-matrix volcanic breccia/lapilli tuff, locally sheared at 40deg rca, depositional fabric at 60-65deg rca, strong pyrite mineralization associated predominantly with felsic (dacite?) silicified frags, commonly also serpentinized fragments	Sil-wk	diss/fr/bl Py 5-15%, tr Cpy		BS82-25 BS82-26	101.13 101.87	101.87 103.18	0.74 1.31
103.18	103.60	0.42	OR	Zone of semimassive coarse-crystalline pyrite in black-matrix volcanic breccia, associated with large volcanic fragments		Py 25-35%		BS82-27	103.18	103.69	0.51
103.60	103.96	0.36	BM	Matrix-rich black-matrix lapilli tuff, fining up-hole fragments (facing up-hole?), depositional, shear-modified fabric at 45deg rca		fr/bl Py 3-7%		BS82-28	103.60	104.55	0.95
103.96	104.10	0.14	OR	Zone of semimassive coarse-crystalline pyrite in black-matrix volcanic breccia, associated with large volcanic fragments		Py 25-35%					
104.10	104.55	0.45	BM	Matrix-rich black-matrix lapilli tuff), bottom contact sharp, irregular at 55deg rca, discordant		fr/bl Py 7-12%					
104.55	109.73	5.18	FP	Light creamy, fine-to-medium grained plagioclase porphyry, locally fractures with pyrrhotite along the edges	Serp-wk, CI-md	tr frPy, Po	wk	BS82-29	104.55	105.25	0.70
EOH @ 109.73 m (360 ft)											

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**

Drill Hole **BS8-3** Easting: 571783  
Core **NTW** Northing: 6605990  
TD (300) 91.44m Elevation: 698 m a.s.l.  
Claim 201971 (567668) Azimuth: 286  
NTS 104N.052 Dip: -47

Contractor: Kluane  
Started: 19-Aug-08  
Finished: 21-Aug-08  
Logged by: K. Mastalerz  
Date logged: 20-Aug-08  
24-Aug-08

**Diamond Drill Log - ddh BS8-3**

Dip tests:

Method	Depth	Azi	Dip
Compass	0	286	-47

From m	To m	Length m	Code	Lithology and Structure	Alteration Veins	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	3.05	3.05	0	Gravel							
3.05	3.60	0.55	0	Sandy-gravelly, yellowish till							
3.60	4.45	0.85	MV	Light grayish-creamy, fine porphyritic metavolcanics (andesite-dacite?), locally strongly oxidized	Carb-v/wk						
4.45	4.60	0.15	BM	Black-matrix lapilli tuff, very strongly oxidized, stockwork of calcite veins	Carb-v/sw			BS83-01	4.45	4.59	0.14
4.60	5.10	0.50	MV	Light-creamy, fine crystalline andesite-dacite, strongly oxidized	Carb-v/wk			BS83-02	4.59	5.10	0.51
5.10	6.13	1.03	BM	Grayish fine-to-medium grained, matrix-poor lapilli tuff, predominant are strongly vuggy silicified volcanic frags, drusy fine quartz in vugs; lower contact sharp at 60deg rca	Sil-st, Carb-wk			BS83-03	5.10	6.32	1.22
6.13	6.32	0.19	DK	Light-creamy andesite-dacite dyke?							
6.32	6.85	0.53	TX	Tectonic breccia, developed from black-matrix lapilli tuff/volcanic breccia	Sil/Qtz-st			BS83-04	6.32	7.85	1.53
6.85	7.05	0.20	DK	Light-creamy dacite(?) dykelet							
7.05	15.20	8.15	BM	Black-matrix volcanic breccia/lapilli tuff, vuggy, with numerous irregular qtz-carb veins, sometimes zonal; strong calc-Sil cementation	Calc/Qtz-st	Py-1-2%, tr Apy, Tetr?	vuggy	BS83-05 BS83-06 BS83-07 BS83-08 BS83-09 BS83-10	7.85 9.14 10.82 12.19 12.65 13.56 15.20	9.14 10.82 12.19 12.65 13.56 15.20	1.29 1.68 1.37 0.46 0.91 1.64
15.20	17.00	1.80	BM	Black-matrix volcanic breccia, thin calcite veins at 50-60deg rca, moderately strong tectonic fabric at 15-25deg rca	Calc-wk	d/fPy 1-2%	mod	BS83-11	15.20	15.75	0.55
17.00	17.70	0.70	BM	Black-matrix volcanic breccia, strongly silicified, vuggy; Py +/-Apy covers the vugs over the Qtz-Carb veneers	Qtz/Calc-st	Py 1%, tr Apy	vuggy	BS83-12	17.00	18.40	1.40
17.70	24.66	6.96	BM	Black-matrix tuff breccia with moderate-to-poor amount of matrix, strong tectonic fabric at 0-10deg rca	Qtz/Ca-v/wk	fr Py 1%	wk	BS83-13	18.40	19.40	1.00
24.66	28.05	3.39	UM	Moderately dark-greenish, medium grained, slightly serpentinized ultramafic(?), porphyritic (pyroxenes), partly fragmental nature; intrusive(?) chilled(?) margins	Serp-wk; Ca-v/wk						

28.05	28.90	0.85	MV	Light-creamy to-greenish andesite(?), medium-grained porphyry, both contacts sharp at approx 20-25 deg rca; irregular pods to incipient Qtz-Ca veins and diss Py	Sil/Ca-mod	dPy 3%	wk	BS83-15	28.05	28.40	0.35
28.90	29.16	0.26	TX	Tectonic breccia, polyimictic but predominantly volcanic frags, abundant black matrix; some Qtz-Chc veins at 20-25deg rca	vQtz/Chc		wk				
29.16	29.95	0.79	BM	Black-matrix volcanic breccia/tuff breccia, poor matrix, some Qtz-Ca veinlets; lower contact sharp at 55deg rca	vQtz/Ca-wk		wk				
29.95	31.03	1.08	MV	Light-creamy to yellowish, fine porphyritic to aphanitic intrusive (dyke?), locally darker cloudy zones	vCa-wk						
31.03	37.37	6.34	BM	Black-matrix tuff breccia with variable amount of matrix, monomict - volcanic frags only, slightly vuggy	vQtz-Ca-wk drusy	d/cPy 1%					
37.37	38.54	1.17	DK	Dark-greenish (ultra)mafic, medium grained porphyry (Feldspar-Pyroxene), dyke, sharp contacts at 40-45deg rca	vQtz/Ca-wk	tr cPy		BS83-16	37.37	38.54	1.17
38.54	50.00	11.46	BM	Black-matrix volcanic breccia-tuff breccia (felsic frags?), strong tectonic fabric at 5-15deg rca	swQtz/Ca	d/vPy 1%, loc Py blebs		BS83-17 BS83-18	39.62 49.46	40.45 49.95	0.83 0.49
50.00	50.11	0.11	DK	Greenish andesite(?) dykelet with sharp contacts at 25deg rca, cut by Qtz-Ca veinlets at 60deg to contacts							
50.11	51.25	1.14	BM	Black-matrix volcanic breccia poor in matrix, monomictic - frags of silicified felsic volcanics, locally steep tectonic fabric; locally Qtz veinlets at 40-45deg rca	vlQ-wk		wk				
51.25	51.31	0.06	DK	Light-creamy dacite-andesite(?) fine-grained dykelet; sharp contacts at 60deg rca				BS83-19	51.05	51.50	0.45
51.31	52.44	1.13	BM	Black-matrix volcanic breccia poor in matrix, monomictic - frags of silicified felsic volcanics, locally steep tectonic fabric; locally Qtz veinlets at 40-45deg rca	vlQ-wk	tr dPy	wk				
52.44	53.63	1.19	DK	Dark greenish, fine-grained to fine porphyritic, mafic dyke; few Qtz-Ca veinlets/veins with hematite lining	Serp-md, Ca-md	tr Py		BS83-20	53.00	53.20	0.20
53.63	61.10	7.47	BM	Black-matrix volcanic breccia-lapilli tuff, monomictic composition, strong tectonic/shear fabric at 0-25deg rca; locally Qtz-Ca veins of various orientations	vQtz/Ca-wk	bl Py 1-2%	wk	BS83-21	57.15	57.55	0.40
61.10	62.08	0.98	BM	Black-matrix volcanic breccia-lapilli tuff as above with strong quartz-carbonate veining and locally tectonic brecciation, silicified	Sil-st, Carb-wk		tbx	BS83-22 BS83-23	61.10 62.10	62.10 63.84	1.00 1.74
62.08	64.28	2.20	BM	Black-matrix volcanic breccia-lapilli tuff, monomictic composition, strong tectonic/shear fabric at 25-35deg rca; locally Qtz-Ca veins of various orientations lined with pyrite	vQtz/Ca-wk	bl Py 1-2%	md	BS83-24	63.84	64.28	0.44
64.28	65.18	0.90	DK	Light greenish, mafic intrusive (dyke), contacts parallel to shear fabric above at approx 15-25deg rca, locally quartz-carbonate veins with some pyrite	Carb-md, Serp-wk	tr diss Py		BS83-25	64.28	64.60	0.32

65.18	65.37	0.19	TX	Tectonic breccia, polymictic, locally serpentinized fragments	Sil-st, Listw		tbx	BS83-27	65.15	65.40	0.25
65.37	66.43	1.06	SR	Dark greenish, medium grained mafic rock, serpentinized	Serp-md						
66.43	66.51	0.08	TX	Tectonic breccia, some frags include mariposite, sharp contacts at 40-50deg rca	Cl(?), Listw		tbx				
66.51	69.95	3.44	MV	Moderately dark-greenish, medium grained, slightly serpentinized ultramafic(?), porphyritic (pyroxenes), partly fragmental nature; intrusive(?) chilled(?) margins	Serp-wk; Ca-v/wk						
69.95	70.42	0.47	BM	Black-matrix lapilli tuff-tuff breccia, with some quartz-carbonate veins, silicified; moderate sheared tectonic fabric at 30-45deg rca	Sil- md/wk, Carb-md	diss Py 2- 4%	wk	BS83-28	69.92	70.45	0.53
70.42	71.54	1.12	UM	Greenish mafic rock, with irregular lower contact, few carbonate-quartz veins/veinlets	Serp-wk, Sil/Carb- wk	tr spotty Py	wk	BS83-29	71.09	71.54	0.45
71.54	78.84	7.30	BM	Black-matrix lapilli tuff-tuff breccia, strong tectonic/shear fabric at 30deg rca, locally brecciation with carbonate-quartz cementation	Carb-md, Sil-wk	diss/fr Py 1- 2%	md	BS83-30 BS83-31 BS83-32 BS83-33 BS83-34	71.54 72.49 73.40 74.30 74.30 75.25 78.10 78.84	72.49 73.40 74.30 75.25 78.84	0.95 0.91 0.90 0.95 0.74
78.84	91.44	12.60	FP	Light creamy, medium Plagioclase-phyric intrusive(?) rock, almost massive; locally some quartz-carbonate veinlets, few thin sheared zones	Cl-md/wk Carb-md	diss/fr Py tr-0.5%, tr Sph?	wk	BS83-35 BS83-36	78.84 83.95	79.10 84.64	0.26 0.69
				EOH @ 91.44 m (300 ft)							

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**  
Drill Hole **BS8-4** Easting: 571810  
Core NTW Northing: 6606013  
TD (175ft) 53.34m Elevation: 701 m a.s.l.  
Claim 201971 (567668) Azimuth: 355  
NTS 104N.052 Dip: -45.5

Contractor: Kluane  
Started: 21-Aug-08  
Finished: 22-Aug-08  
Logged by: K. Mastalerz  
Date logged: 23-Aug-08  
25-Aug-08

**Diamond Drill Log - ddh BS8-4**

Dip tests:			
Method	Depth	Azi	Dip
Compass	0	355	-45.5

From m	To m	Length m	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	4.25	4.25	0	Overburden, gravel							
4.25	4.65	0.40	BM	Black-matrix lapilli tuff to tuffaceous mudstone; strongly oxidized, broken core	Sil-md, Oxid-st			BS84-01 BS84-02	3.05 4.50	4.50 4.70	1.45 0.20
4.65	6.15	1.50	MV	Light grayish-creamy, fine porphyritic metavolcanics (andesite-dacite?), locally strongly oxidized	Oxid-smd						
6.15	10.72	4.57	BM	Black-matrix volcanic breccia/lapilli tuff, relatively poor matrix, lower part vuggy and drusy, carbonate-quartz cementation and vein filling, tr Py in veins	Carb/Sil- md	tr Py		BS84-03	6.10	7.62	1.52
10.72	12.43	1.71	BM	Black-matrix lapilli tuff strongly sheared, tectonic fabric at 10-25deg rca, carbonate veinlets	Carb-md		md	BS84-04 BS84-05 BS84-06 BS84-07	7.62 8.42 9.14 10.10	8.42 9.14 10.10 10.72	1.80 0.72 0.96 0.62
12.43	13.80	1.37	BM	Black-matrix lapilli tuff/tuff breccia, strongly silicified, locally vuggy with calcite drusy infills	Sil-st, Carb-md	diss Py 1%		BS84-08 BS84-09	10.72 12.43	12.43 13.80	1.71 1.37
13.80	18.15	4.35	BM	Black-matrix tuff breccia/lapilli tuff, variable amount of matrix, locally tuffaceous mudstone, dacitic fragments seem to predominate, few frags show effects of serpentinization, locally tectonic fabric, common thin calcite chalcedony veins; lower contact sharp irregular	Carb-md, Sil-wk; Serp-wk	diss/bl Py 1%	wk	BS84-10	13.80	14.27	0.47
18.15	20.48	2.33		Light greenish-gray, moderately serpentinized basalapilli tuffic? (or andesitic) tuff/lapilli tuff, some crude layering in muddy zone at 30-50deg rca, lower contact sharp at 30deg rca irregular - base of lava flow(?)	vCalc-wk; Serp-md						
20.48	21.32	0.84	BM	Black-matrix lapilli tuff with distinctly sheared tectonic fabric; lower contact sharp at approx. 30deg rca	vCarb/Qt wk		wk				
21.32	22.15	0.83	BM	Black-matrix tuff breccia, slightly silicified, sharp lower contact at 40deg rca	Sil-wk, vCarb-wk						
22.15	22.33	0.18	MV	Light greenish basalapilli tuffic/andesitic tuff/lapilli tuff, serpentinized; lower contact sharp at 40deg rca	Serp-md						

22.33	26.30	3.97	BM	Black-matrix tuff breccia/lapilli tuff, poor matrix, considerable portion of the frags show distinct serpentinization, locally thin calcite-quartz veins, thicker quartz vein in the lowermost part	Serp-wk? Carb-md, vSil-md	diss Py 2-3%	wk	BS84-12 BS84-13 BS84-14	24.90 25.15 25.80	25.15 25.80 26.00	0.25 0.65 0.20
26.30	26.40	0.10	DK	Light creamy diabase(?) dykelet, contacts at 25-30deg rca							
26.40	28.40	2.00	BM	Black-matrix lapilli tuff/tuff breccia, distinct tectonic (or primary sedimentary?) fabric at 10-25deg rca, strong quartz veining to brecciation	vSil-st	diss Py 2-3%	wk				
28.40	28.45	0.05	SR	Light greenish layer of serpentinized basaltic tuff/lapilli tuff, distinctly sheared	Serp-md						
28.45	30.25	1.80	BM	Black-matrix tuff breccia, poor-to-moderate matrix content, strong tectonic fabric up to incipient shear bands, locally silicified	Sil-wk	diss/fr Py 1-4%	md	BS84-15	28.90	29.50	0.60
30.25	30.79	0.54	SR	Light creamy, serpentinized andesitic/basaltic(?) tuff(?), lower contact at 55deg rca	Serp-md						
30.79	30.88	0.09	TX	Tectonic breccia to gouge, polymictic, lower contact at 65deg rca	Cl-md, zeolites		tbx				
30.88	31.15	0.27	SR	Light creamy, serpentinized andesitic/basaltic(?) tuff(?), locally mariposite, lower contact at 30deg rca	Serp-md, Listw						
31.15	32.10	0.95	BM	Black tuffaceous mudstone with some outsized fragments, numerous quartz veinlets, sharp lower contact at 20-30deg rca	vSil-md	fr Py tr-1%	wk				
32.10	33.53	1.43	MV	Light greenish andesite to mafic fine-grained meta-volcanic rock, porphyritic (amphibole-pyroxenes)	Serp-md						
33.53	41.30	7.77	UM	Dark brownish-gree porphyritic ultramafic rock (pyroxenes - idiomorphic phenocrystals), some carbonate veinlets, few thin quartz veins	Serp-wk		wk	BS84-16 BS84-17	38.35 40.45	38.70 40.95	0.35 0.50
41.30	41.35	0.05	BM	Black-matrix lapilli tuff, silicified, distinctly sheared	Sil-md		md				
41.35	41.45	0.10	DK	Light creamy mafic rock, dykelet							
41.45	41.55	0.10	BM	Black-matrix lapilli tuff, silicified, steep sharp contacts	Sil-md						
41.55	41.90	0.35	DK	Light creamy mafic rock, dykelet							
41.90	42.10	0.20	BM	Black-matrix lapilli tuff, strongly silicified with quartz replacements, lower contact sharp at 20-25deg rca	Sil-st	bl Py 2-4%		BS84-18	41.75	42.45	0.70
42.10	42.45	0.35	DK	Light creamy mafic rock, dykelet							
42.45	42.47	0.02	BM	Black-matrix lapilli tuff, silicified	Sil-md			BS84-19	42.45	43.15	0.70
42.47	43.20	0.73	MV	Light creamy, fine grained mafic-andesitic(?) rock, some quartz veining, lower contact at 25deg rca	Cl-wk, Sil-wk						
43.20	43.30	0.10	TX	Tectonic breccia, relatively fine fragmental, mixed composition, locally vuggy with quartz-carbonate infills	Carb/Sil-md			BS84-20	43.15	43.89	0.74
43.30	43.89	0.59	QC	Whitish, massive, spotty quartz vein, irregular, contacts at 35deg rca, wall rock serpentinized	Qtz-st	Py 1%					
43.89	44.60	0.71	MV	Light creamy, fine grained andesite(?) tuff, weak mariposite in places, sheeted stringers of Py-rich fillings	Cl-wk, Listw-wk	fr Py 5-6%	md/wk	BS84-21	43.89	44.60	0.71

44.60	45.18	0.58	QC	Whitish, massive quartz vein, irregular, with few frags of whitish clay alapilli tufted andesite?, contacts at 30deg rca	Qtz-st	bl Py 1%		BS84-22	44.60	45.18	0.58
45.18	46.85	1.67	SR	Light creamy, slightly serpentinized andesite/basalapilli tuftic(?) tuff, locally mariposite, numerous Py stringers	Cl-wk, Listw-wk	fr Py 3-7%	md/wk	BS84-23	45.18	46.85	1.67
46.85	46.88	0.03	BM	Black-matrix tuff breccia/lapilli tuff, irregular layer (fluidization dyke?), serpentinized fragments inside				BS84-24	46.85	47.60	0.75
46.88	47.60	0.72	MV	Light greenish basalapilli tuftic(?) fragmental volcanic rock, incipient serpentinization, sharp lower contact at 55-65deg rca, few thin veins of quartz	Serp-wk, Sil-wk	fr Py 1-2%	wk				
47.60	47.70	0.10	MV	Distinctly stratified, redeposited lapilli tuff, subrounded-to-rounded fragments, slightly sheared; facing up-hole, contacts at 60-70deg rca			wk				
47.70	53.34	5.64	FP	Light gray, to light brownish-green, massive plagioclase-phyric andesite/dacite(?), probably top of lava flow; few quartz veins at 30-35deg rca	vSil-wk, Cl-md	tr diss Py	wk	BS84-25	52.75	53.08	0.33
				EOH 53.34 m (175 ft)							

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**

Drill Hole **BS8-5** Easting: 571810  
Core NTW Northing: 6606013  
TD (265ft) 80.77m Elevation: 701 m a.s.l.  
Claim 201971 (567668) Azimuth: 357  
NTS 104N.052 Dip: -59.5

Contractor: Kluane  
Started: 22-Aug-08  
Finished: 24-Aug-08  
Logged by: K. Mastalerz  
Date logged: 24-Aug-08  
26-Aug-08

**Diamond Drill Log - ddh BS8-5**

Dip tests:

Method	Depth	Azi	Dip
Compass	0	357	-59.5

From m	To m	Length m	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	2.85	2.85	0	Gravel							
2.85	3.05	0.20	MV	Light creamy, clay alapilli tuffered andesite, locally rusty oxidation patches	Oxid-md, Cl-md						
3.05	3.25	0.20	MV	Very strongly oxidized andesite(?), strongly broken core	Oxid-st		st?				
3.25	4.60	1.35	BM	Black-matrix lapilli tuff/tuff breccia, strongly broken core			st?				
4.60	6.35	1.75	BM	Black-matrix lapilli tuff, predominantly dacitic/felsic(?) fragments, locally vuggy; locally strongly brecciated (tectonic?) and broken core	Sil-wk, Oxid-md		st				
6.35	6.87	0.52	MV	Light greenish, fine porphyritic andesite/mafic volcanic	Cl/Carb- md, Serp- wk	tr diss Py					
6.87	10.82	3.95	BM	Black-matrix volcanic breccia/lapilli tuff, mixed composition of fragments - predominantly felsic but common are serpentinized ones, locally tectonic/shear fabric that follows primitive depositional texture at 45deg rca, some quartz-Carb veinlets at 75-80deg rca	Sil/Carb- wk, Serp- wk	tr diss Py		BS85-01	9.14	10.82	1.68
10.82	11.02	0.20	F	Faulapilli tuff zone/gouge in tuffaceous mudstone	Cl-md		tbx	BS85-02	10.82	11.05	0.23
11.02	12.50	1.48	BM	Black-matrix lapilli tuff/tuff breccia with variable amount of matrix, tectonic/depositional fabric at 35-40deg rca, monomictic of felsic(?) fragments, some vuggy quartz-carbonate veinlets at 25 and 50deg rca	Sil/Carb- wk		wk	BS85-03	11.05	12.50	1.45
12.50	13.10	0.60	TX	Tectonic breccia in black-matrix lapilli tuff, vuggy, silicified	Sil-md, Carb-wk		tbx	BS85-04	12.50	13.13	0.63
13.10	13.55	0.45	BM	Black-matrix lapilli tuff/tuff breccia with poor matrix, grain fabric at 25-30deg rca	Sil-wk, Oxid-md			BS85-05	13.13	14.12	0.99
13.55	14.10	0.55	BM	Tuffaceous mudstone with some intervals of black-matrix lapilli tuff, grains fabric (tectonic after depositional) at 30deg rca, some thin quartz-carbonate veins	vSil/Carb- wk	fr Py 1%					
14.10	15.65	1.55	BM	Black-matrix tuff breccia, mixed composition of grain framework, poor matrix, some thin quartz-carbonate veins	vSil/Carb- wk			BS85-06	14.12	15.65	1.53
15.65	16.00	0.35	BM	Tuffaceous mudstone, massive, black	Sil/Carb- wk	diss/fr Py 2-4%		BS85-07	15.65	16.05	0.40



16.00	16.85	0.85	BM	Black-matrix lapilli tuff/tuff breccia, some intervals of tuffaceous mudstone, grain fabric at 45deg rca	Sil/Carb-wk	diss/fr Py 1-3%						
16.85	19.00	2.15	BM	Black-matrix volcanic breccia/lapilli tuff, variable amount of black sedimentary matrix, predominantly felsic (dacitic?) fragments, few serpentized frags, few carbonate veinlets	vCarb-wk							
19.00	20.00	1.00	BM	Black-matrix volcanic breccia, poor matrix, vuggy, slightly silicified	Sil-wk			BS85-09	18.95	20.00	1.05	
20.00	20.28	0.28	BM	Black tuffaceous mudstone, few quartz-carbonate veins	vSil/Carb-wk			BS85-10	20.00	20.28	0.28	
20.28	21.35	1.07	BM	Black-matrix volcanic breccia, predominantly serpentized fragments, grain fabric (depositional overprinted by shearing) at 50deg rca	Sil/Carb-wk							
21.35	23.05	1.70	BM	Black-matrix lapilli tuff and tuffaceous mudstone, predominantly felsic(?) fragments, grain fabric at 45deg rca, some quartz-carbonate veinlets	vSil/Carb-wk							
23.05	23.80	0.75	SR	Greenish, spotty serpentinite (basalapilli tuffic lapilli tuff - protolith), crude layering at 40deg rca	Serp-md/st							
23.80	27.00	3.20	BM	Black-matrix volcanic breccia/lapilli tuff, variable amount of matrix, predominantly serpentized fragments, grain fabric at 40deg rca	Serp-md							
27.00	27.96	0.96	SR	Greenish serpentinite (basalapilli tuffic lapilli tuff protolith)	Serp-md/st							
27.96	30.05	2.09	BM	Black-matrix volcanic breccia, predominantly serpentized fragments, grain fabric (depositional overprinted by shearing) at 45deg rca, some thin quartz-carbonate veins	Serp-md							
30.05	32.35	2.30	BM	Black-matrix lapilli tuff with abundant matrix (matrix supported texture), predominantly felsic(?) frags, some thin quartz veinlets at 70deg rca								
32.35	34.20	1.85	BM	Black-matrix tuff breccia, predominant serpentized frags, abundant matrix, some quartz-carbonate veinlets at 45deg rca, thin zones of tectonic brecciation	Serp-md		md-st	BS85-11	32.93	33.43	0.40	
34.20	34.95	0.75	SR	Greenish serpentinite (basalapilli tuffic lapilli tuff protolith), distinct relics of fragmental texture	Serp-md/st							
34.95	38.90	3.95	BM	Black-matrix lapilli tuff, predominantly felsic(?) fragments, poor matrix, distinctly layered (depositional fabric overprinted by tectonic one) at 35-55deg rca, few quartz-carbonate veinlets	vCarb/Sil-wk							
38.90	39.10	0.20	TX	Tectonic breccia in black-matrix lapilli tuff with abundant matrix	Sil/Cl-wk		tbx					
39.10	39.75	0.65	BM	Black-matrix lapilli tuff/tuff breccia, predominantly felsic(?) fragments, poor matrix, distinctly layered (depositional fabric overprinted by tectonic one) at 35-55deg rca, few quartz-carbonate veinlets	vCarb/Sil-wk							
39.75	40.00	0.25	TX	Tectonic breccia in black-matrix lapilli tuff			tbx					
40.00	40.40	0.40	BM	Black-matrix lapilli tuff/tuffaceous mudstone, layering (sheared fabric overprint) at 50-65deg rca			md					
40.40	41.75	1.35	BM	Black-matrix lapilli tuff/tuff breccia, mixed composition of fragments (includes serpentized ones), strong carbonate-silica cementation	Carb/Sil-md/st							

41.75	48.80	7.05	BM	Black-matrix fine lapilli tuff, variable amount of matrix, prevailing felsic(?) frags, locally strong shear fabric at 0-15deg rca, common thin quartz-carbonate veins of various orientation to core axis	vSil/Carb-md/st		md	BS85-12 BS85-13	45.67 46.35	46.35 47.24	0.68 0.89
48.80	49.35	0.55	BM	Black-matrix volcanic breccia with poor matrix, vuggy strongly silicified, incipient brecciation and cementation	Sil/Carb-st		md/st	BS85-14	48.80	49.35	0.55
49.35	50.26	0.91	BM	Black-matrix fine lapilli tuff, matrix rich, strong tectonic/depositional fabric at 10-45deg rca, few carbonate-quartz veins	vCarb/Sil-wk			BS85-15	49.35	50.26	0.91
50.26	50.80	0.54	QC	Whitish to gray, steep quartz-carbonate vein, poorly banded, irregular contacts	vSil/Carb-st		md	BS85-16	50.26	50.80	0.54
50.80	55.04	4.24	BM	Black-matrix lapilli tuff, strong grain fabric at 0-15deg rca, few thin quartz-carbonate vein parallel to fabric	vSil/Carb-wk			BS85-17	50.80	51.25	0.45
55.04	55.88	0.84	UM	Light greenish mafic/ultramafic pyroxene porphyry, serpentinized, both contact sharp at 40-45deg rca, locally bubbling perlitic textures along both contacts; few thin quartz-carbonate veins	Serp-md	fr Py 1%	wk				
55.88	57.55	1.67	BM	Black-matrix lapilli tuff with moderately abundant matrix, grain fabric at 20-25deg rca, few thin quartz-carbonate veins and pods	Sil/Carb-md			BS85-18	55.88	56.65	0.77
57.55	57.86	0.31	BM	Tuffaceous mudstone/black-matrix lapilli tuff, strong shear fabric at 25deg rca, few quartz-carbonate veins	vSil/Carb-md						
57.86	58.55	0.69	BM	Black-matrix lapilli tuff/tuff breccia, grain fabric at 30deg rca							
58.55	59.66	1.11	BM	Black-matrix volcanic breccia, matrix poor, silicified	Sil-md						
59.66	61.78	2.12	FP	Light greenish, fine porphyritic (feldspar phytic) meta-andesite, sharp irregular contacts at 15-35deg rca, intrusive or flow(?)	vSil-wk	tr diss Py		BS85-19	60.81	61.20	0.39
61.78	66.37	4.59	BM	Black-matrix lapilli tuff, moderately abundant matrix, grain fabric at 10-25deg rca, local silicification, few quartz veinlets	vSil-wk	diss/fr Py 2-4%	wk				
66.37	68.25	1.88	BM	Black tuffaceous mudstone, massive, numerous quartz-carbonate veinlets	Sil/Carb-md	diss/fr Py 2-4%		BS85-20	68.05	68.45	0.40
68.25	68.37	0.12	QC	Whitish quartz veins, steep sheare contacs at 17deg rca, locally brecciated	Sil-st	Py 1-2%		BS85-21	68.45	69.05	0.60
68.37	69.05	0.68	UM	Light creamy, bleached mafic(?) porphyry (pyroxene-feldspar), common thin carbonate-quartz veins; localy flakes of mariposite	Serp-wk, Carb/Sil-wk, Listw	diss/fr Py 1%	wk				
69.05	70.83	1.78	UM	Greenish pyroxene-hornblende, fine-to-medium grained porphyry, locally incipient brecciation and Py enriched zones at 25-35deg rca, gradational contacts	vSil/Carb-wk	Py 2-4%	wk				
70.83	71.63	0.80	UM	Apparently same rock as above but strongly bleached, light creamy, thin shear zones at 25-30deg rca, few thin quartz-carbonate veins	vSil/Carb-wk	tr-1% Py		BS85-22	71.06	71.63	0.57
71.63	72.80	1.17	FP	Light creamy porphyry, gradational change from fine feldspar-pyroxene porphyry to feldspar porphyry, cloudy, slghtly silicified, numerous carbonate-quartz-Py veinlets	Cl-md, vSil/Carb-wk	py 1-4%	wk				

72.80	74.98	2.18	FP	Light creamy , medium grained feldspar porphyry, Py stringers at 20deg rca	Cl-md	fr Py 1-3%	wk				
74.98	75.00	0.02	BM	Black-matrix lapilli tuff dyke(?), sharp contacts at 50 deg rca; fluidization dyke(?)							
75.00	75.48	0.48	FP	Light creamy , medium grained feldspar porphyry	Cl-md	tr diss Py					
75.48	76.18	0.70	FP	Light creamy , medium grained feldspar porphyry with irregular patches of silicification	Cl-md, Sil wk/md			BS85-23	75.48	76.18	0.70
76.18	79.52	3.34	FP	Light creamy , medium grained feldspar porphyry, tectonic(?) contacts at 45-50deg rca, some quartz-carbonate veins and few thin dykelets filled with black-matrix lapilli tuff	Cl-md, Sil- wk						
79.52	80.77	1.25	FP	Light greenish, fine feldspar porphyry, incipient tectonic banding, incipient silicification	Sil-wk						
				EOH @ 80.77 m (265 ft)							

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**

Drill Hole **BS8-6** Easting: 571615  
Core NTW Northing: 6606464  
TD (280ft) 85.34m Elevation: 702 m a.s.l.  
Claim 362488 Azimuth: 230  
NTS 104N.052 Dip: -50

Contractor: Kluane  
Started: 24-Aug-08  
Finished: 26-Aug-08  
Logged by: K. Mastalerz  
Date logged: 27-Aug-08  
29-Aug-08

**Diamond Drill Log - ddh BS8-6**

Dip tests:

Method	Depth	Azi	Dip
Compass	0	230	-50

From m	To m	Length m	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	1.52	1.52	0	Overburden, soil							
1.52	3.80	2.28	0	Overburden, gravel and gravelly till							
3.80	4.80	1.00	MV	Light creamy, fine grained andesitic(?) meta-volcanic, fragmental, with some zones of tectonic brecciation, locally silicified, some quartz-carbonate veinlets	Oxid-md, Cl-md	tr fr Py	md				
4.80	5.90	1.10	BM	Strongly broken core, strongly oxidized, probably black-matrix lapilli tuff; some quartz-carbonate veinlets							
5.90	6.72	0.82	TX	Tectonic breccia, strong quartz cementation and replacements	Sil-st	tr Py	tbx	BS86-01	5.90	6.65	0.75
6.72	7.45	0.73	QC	Whitish quartz vein to quartz breccia, banded	Sil-st			BS86-02	6.65	7.50	0.85
7.45	11.59	4.14	MV	Light creamy to greenish, andesite meta-volcanic, fragmental(?) partly serpentized, some quartz veins, flakes of mariposite, carbonate-Py stringers	Serp-wk, Listw-wk, Sil/Carb- md	diss/fr Py 3- 5%	wk	BS86-03 BS86-04 BS86-05	7.50 9.14 10.40	9.14 10.40 11.59	1.65 1.26 1.19
11.59	12.06	0.47	QC	Grayish, cloudy quartz vein to strongly silicified agglomerate				BS86-06	11.59	12.10	0.61
12.06	13.05	0.99	FP	Light gray feldspar porphyry, probably of fragmental crystal-rich tuff, few irregular quartz veins/pods	Cl- wk/md, Sil-Carb- vSil-md	diss/fr Py 1- 3%	wk	BS86-07	12.10	13.05	0.95
13.05	13.75	0.70	BM	Gray, coarse grained volcanic breccia, polymictic, some frags are subrounded, silicified, banded quartz veins				BS86-08	13.05	13.75	0.7
13.75	14.13	0.38	MV	Dark grayish meta-andesitic(?) volcanic, probably tuff, with some thin shots of breccia, irregular thin quartz-carbonate veinlets	vSil/Carb- wk			BS86-09	13.75	14.13	0.38
14.13	14.93	0.80	BM	Polymictic volcanic breccia, probably redeposited, some fragments contain mariposite, other fragments rich in pyrite, some irregular banded quartz veins	vSil-md	Py 2-7%		BS86-10	14.13	14.93	0.8
14.93	15.20	0.27	MV	Light greenish andesite(?) tuff, locally incipient tectonic brecciation, pyrite stringers	Cl/Chl- wk,	fr Py 2-3%	md	BS86-12	14.93	15.20	0.27
15.20	15.52	0.32	TX	Tectonic breccia, polymictic, strong quartz cementation (banded), irregular boundaries	Sil-st		tbx	BS86-13	15.20	15.60	0.4
15.52	16.34	0.82	SR	Light greenish serpentinite (protolith - basaltic fragmental volcanics), relic fragmental texture	Serp-md	tr fr Py		BS86-14	15.60	16.34	0.74

16.34	16.50	0.16	BM	Dark gray tuffaceous mudstone, slightly serpentinized	Serp-wk, Listw-wk, Sil/Carb- md			BS86-15	16.34	16.65	0.31
16.50	16.60	0.10	TX	Fine-fragmental tectonic breccia(?), some pyrite fragments within fragments	Serp-wk, Sil-md	Py 3-5%	tbx				
16.60	21.05	4.45	SR	Light greenish serpentinite (protolith - basaltic fragmental volcanics), relic fragmental texture, fragmental fabric at 5-45deg rca locally brecciation	Serp-md	tr diss Py	md	BS86-16	20.3	21.05	0.75
21.05	23.40	2.35	BM	Black-matrix volcanic breccia/lapilli tuff with poor matrix, some thin quartz-carbonate veins, locally feldspar-phyric dykes, polymictic	Sil-wk			BS86-17	21.05	21.55	0.5
23.40	25.90	2.50	BM	black-matrix lapilli tuff with abundant matrix to tuffaceous mudstone, common are serpentinized fragments, locally dykes filled with fine tectonic breccia, in lower part common quartz veins	Carb/Sil- wk		wk	BS86-18	25.00	25.91	0.91
25.90	28.30	2.40	TX	Dark gray tectonic breccia with strong quartz-chalcedony cementation, commonly banded, basaltic(?) lapilli tuff protolith	Sil-st		tbx	BS86-19 BS86-20	25.91 27.10	27.10 28.30	1.19 1.20
28.30	29.32	1.02	BM	Black-matrix lapilli tuff/tuff breccia with poor matrix, few quartz veins	vSil-wk						
29.32	30.98	1.66	MV	Light greenish andesitic meta-tuff, some dark gray stringers, locally thin irregular carbonate veinlets, few specs of mariposite	Cl-md, Sil- wk, Listw- wk	fr Py 2-3%	md				
30.98	31.47	0.49	BM	Black-matrix tuff breccia with poor matrix	Sil-st						
31.47	31.65	0.18	QC	Numerous quartz-carbonate veins cut through black-matrix lapilli tuff/tuff breccia	Sil-st		md	BS86-21	31.47	31.65	0.18
31.65	32.70	1.05	TX	Grayish, polymictic tectonic breccia, probably mulapilli tuffistorey unit			tbx				
32.70	35.00	2.30	BM	Black tuffaceous mudstone, locally black-matrix lapilli tuff, shear fabric at 5-15deg rca, few thin quartz-carbonate veins, some serpentinized fragments	Cl-wk		wk	BS86-22	34.50	35.00	0.50
35.00	36.07	1.07	BM	Black tuffaceous mudstone, with some quartz-carbonate veins and associated pyrite		Py 2-3%		BS86-23	35.00	36.07	1.07
36.07	37.75	1.68	BM	Polymictic coarse-to-medium grained volcanic breccia(?), numerous pyrite-rich fragments, few dykelets of intrusive(?) creamy meta-andesite		Py 2-4%		BS86-24 BS86-25	36.07 36.88	36.88 37.75	0.81 0.87
37.75	38.72	0.97	BM	Black-matrix lapilli tuff with some intervals of tuffaceous mudstone, chaotic fabric, irregular carbonate veinlets	Carb-md						
38.72	39.16	0.44	EP	Redeposited polymictic tuff/lapilli tuff (epiclastic), stratified, facing downhole(?), detrital pyrite common, some mariposite in fragments	Sil-wk	diss+detr Py 3-5%					
39.16	42.88	3.72	BM	Grayish polymictic volcanic breccia/tuff breccia, predominantly angular fragments, chaotic texture, variable amount of black tuffaceous matrix; common fragments rich in coarse crystalline pyrite, locally massive, mariposite in some fragments; facing downhole	Sil-wk	Py 5-10%		BS86-27 BS86-28 BS86-29 BS86-30	39.16 40.08 40.24 41.73 41.73	40.08 40.24 41.73 42.88	0.92 0.16 0.49 1.15

42.88	43.08	0.20	BM	Black tuffaceous mudstone with some carbonate-quartz veinlets		diss Py 1-3%		BS86-31	42.88	43.08	0.20
43.08	45.72	2.64	QC	Zone of steep banded quartz veins to breccias cut through redeposited lapilli tuff, whitish to pinkish	vSil-st		st	BS86-32 BS86-33 BS86-34	43.08 44.25 45.29	44.25 45.29 45.72	1.17 1.04 0.43
45.72	46.16	0.44	BM	Grayish polymictic tuff breccia, locally tuffaceous mudstone, some irregular thin quartz veins with pyrite	vSil-wk	Py 2-4%		BS86-35	45.72	46.17	0.45
46.16	47.15	0.99	MV	Light greenish andesite(?) meta-tuff, some mariposite flakes, pyrite stringers	Cl-md, Listw	fr Py 1-3%		BS86-36	46.17	47.15	0.98
47.15	47.87	0.72	TX	Grayish tectonic breccia, with some quartz veining, some fragments contain mariposite	Cl-wk			BS86-37	47.15	47.87	0.72
47.87	49.20	1.33	MV	Light greenish, fine grained andesite/dacite(?), slightly serpentinized with mariposite scattered in places, locally thin carbonate-quartz veinlets, very steep, sharp contacts	Serp-md	fr Py 1-3%		BS86-38	47.87	49.2	1.33
49.20	56.08	6.88	BM	Light grayish, polymictic tuff breccia (mostly andesitic(?) fragments), with several intervals of intense development of quartz veins and strong silicification, locally flakes of mariposite	v/pSil-md/st, Listw	tr fr Py		BS86-39 BS86-40 BS86-41 BS86-42 BS86-43	49.20 50.10 51.82 53.15 54.86	50.10 51.82 53.15 54.86 56.08	0.90 1.72 1.33 1.73 1.24
56.08	57.40	1.32	MV	Light grayish, polymictic tuff, crystal rich, feldspars, locally mariposite and quartz veins	Sil-wk, Listw			BS86-45	56.08	57.35	1.27
57.40	58.12	0.72	BM	Black tuffaceous mudstone to black-matrix tuff breccia, locally andesitic(?) tuff, numerous fragments contain abundant mariposite	Listw?	fr Py 2-3%		BS86-46	57.35	58.12	0.77
58.12	58.60	0.48	BM	Moderately gray, polymictic, redeposited tuff breccia (epiclastic)				BS86-47	58.12	58.60	0.48
58.60	59.60	1.00	MV	Light creamy, slightly serpentinized, andesitic meta-tuff, few carbonate veinlets	Cl-wk, vCarb-wk	fr Py 1%		BS86-48	58.60	59.55	0.95
59.60	59.85	0.25	EP	Moderately gray, polymictic, redeposited tuff breccia (epiclastic), numerous fragments contain mariposite				BS86-49	59.55	59.80	0.25
59.85	60.02	0.17	QC	Zone of strong development of quartz veining, abundant mariposite and semi-massive pyrite, at 20-25deg rca - true width approx 5 cm	Sil-st, Listw	Py 20-25%		BS86-50	59.80	60.05	0.25
60.02	61.80	1.78	UM	Dark greenish-gray, slightly serpentinized ultramafic/mafic porphyry (pyroxenes-amphiboles-feldspars), grain fabric at 65deg rca	vSil/Carb-wk	fr Py 1%		BS86-51	60.05	60.30	0.25
61.80	63.15	1.35	SR	Talcoseserpentinized basaltic/polymictic tuff/lapilli tuff, relics of depositional fabric at 45deg rca	Serp-st	fr Py 2-4%		BS86-52 BS86-53	61.00 61.80	61.35 63.15	0.35 1.35
63.15	64.13	0.98	MV	Light creamy felsic/dacitic(?) meta-volcanic rock, irregular patchy silica cementation, in lower part mariposite	Cl-st, Listw	Py 1%		BS86-54	63.15	64.13	0.98
64.13	64.88	0.75	SR	Serpentinized massive basaltic or mafic tuff, abundant mariposite, few quartz veins	Cl-md, vSil-wk, Listw			BS86-55	64.13	64.88	0.75

64.88	67.77	2.89	SR	Light greenish serpentinitized tuff breccia/volcanic breccia, carbonate pods	Carb-st, Serp			BS86-56	64.88	66.00	1.12
67.77	68.15	0.38	F	Fault/shear zone in serpentinite, contacts at 25-30deg rca	Cl-md		tbx				
68.15	74.60	6.45	SR	Green serpentinite, slightly talcose, grayish, locally carbonate pods	Carb-st, Serp			BS86-57	70.35	71.75	1.40
74.60	81.25	6.65	SR	Deeply green serpentinite, few thin irregular calcite veins	Serp-st			BS86-58	80.95	81.25	0.30
81.25	84.18	2.93	SR	Light greenish to gray serpentinite, locally sheared, talcose, few calcite-carbonate veins	Carb-st, Serp-st			BS86-59	81.25	82.46	1.21
84.18	85.34	1.16	EP	Grayish-green volcanic agglomerate (redeposited, epiclastic), fining-up metif, facing up-hole, polymictic, sharp contact at 30-35deg rca				BS86-60	84.95	85.34	0.39
				EOH @ 85.34 m (280 ft)							

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**  
 Drill Hole **BS8-7** Easting: 571615  
 Core NTW Northing: 6606464  
 TD (425ft) 129.54 Elevation: 702 m a.s.l.  
 Claim 362488 Azimuth: 230  
 NTS 104N.052 Dip: -62

Contractor: Kluane  
 Started: 26-Aug-08  
 Finished: 28-Aug-08  
 Logged by: K. Mastalerz  
 Date logged: 27-Aug-08  
 31-Aug-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	230	-62

From m	To m	Length m	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	4.00	4.00	0	Gravel, road fill							
4.00	5.48	1.48	MV	Light greenish andesite (tuff?), few irregular quartz-carbonate veins	Oxid-st, vSil/Carb- wk						
5.48	7.10	1.62	BM	Black tuffaceous mudstone with few larger frags of lapilli tuff size, moderate development of quartz-carbonate veins, whitish, banded, locally vuggy	vSil/Carb-md		md	BS87-01 BS87-02	5.38 6.50	6.50 7.25	1.12 0.75
7.10	9.14	2.04	MV	Light creamy andesitic metatuff (sand-grade) with some flakes of mariposite, strong development of quartz-carbonate veins, locally brecciation, vuggy, veins commonly at 35-40deg rca	vSil/Carb- st, Listw		md	BS87-03 BS87-04 BS87-05	7.25 7.93 8.71	7.93 8.71 9.14	0.67 0.78 0.43
9.14	9.58	0.44	QC	Whitish quartz vein to breccia, contacts at 26-30deg rca	Sil-st		st	BS87-06	9.14	9.64	0.50
9.58	10.23	0.65	BM	Black-matrix lapilli tuff/tuff breccia, mixed composition: silicified, felsic and serpentinitized mafic(?) fragments, some thin irregular quartz veins	v/pSil-wk			BS87-07	9.64	10.24	0.60
10.23	10.40	0.17	BM	Black tuffaceous mudstone with few larger frags of lapilli tuff size							
10.40	10.80	0.40	BM	Black-matrix lapilli tuff, matrix-rich with predominant serpentinitized mafic(?) fragments, distinct grain fabric at 35-40deg rca	Serp?						
10.80	12.30	1.50	SR	Light greenish-gray serpentinite, fragmental protolith of mafic lapilli tuff, locally relics of black muddy matrix	Serp						
12.30	13.00	0.70	BM	Black-matrix lapilli tuff, predominantly dacitic(?) fragments, in lower part admixture of serpentinitized mafic fragments, some quartz-carbonate veins in middle part at 30deg rca	Sil-Carg- wk			BS87-09	12.50	13.20	0.70
13.00	14.20	1.20	BM	Black-matrix lapilli tuff/tuff breccia with predominant serpentinitized frags to almost completely serpentinite when very poor in matrix	Serp						
14.20	14.50	0.30	BM	Black-matrix lapilli tuff/tuff breccia, predominantly dacitic(?) fragments, strongly silicified, matrix poor	Sil-st						
14.50	16.72	2.22	SR	Moderately greenish serpentinite with numerous relics of blackish muddy matrix, fragmental lapilli tuff/tuff breccia protolith	Serp						
16.72	17.40	0.68	BM	Black-matrix lapilli tuff of mixed composition, matrix-rich, grain fabric at 35deg rca, few quartz-carbonate veins	vSil/Carb- wk		wk				



17.40	17.88	0.48	MV	Light creamy andesitic metatuff, moderately-serpentinized, with sharp contacts at 40deg rca, some quartz-carbonate veins	vSil/Carb-wk, Serp		wk				
17.88	19.40	1.52	BM	Black-matrix lapilli tuff of mixed composition, matrix-rich, few thin quartz-carbonate veins	vSil/Carb-wk		wk				
19.40	22.71	3.31	SR	Dark greenish serpentinite of fragmental lapilli tuff/tuff breccia mafic protolith, matrix poor, few q-c veins, lower contact at 60deg rca	vSil/Carb-wk, Serp		wk				
22.71	24.70	1.99	MV	Light grayish felsic tuffaceous meta-lapilli tuffstone to meta-chert, microfractured, serpentinized matrix	Sil-st, Serp		md				
24.70	25.95	1.25	MV	Greenish siliceous rock of unknown protolith, probably tuff/lapilli tuff, partly serpentinized matrix	Serp-wk						
25.95	27.25	1.30	SR	Dark brownish-green serpentinite (of mafic coarse fragmental protolith), grain fabric (sheared) at 45deg rca, some thin carbonate veins/veinlets, locally incipient tectonic brecciation	Serp-st		md				
27.25	28.03	0.78	BM	Black-matrix matrix-poor lapilli tuff/tuff breccia, distinctly serpentinized	Serp						
28.03	30.39	2.36	SR	Dark brownish-green serpentinite (of mafic coarse fragmental protolith), some thin carbonate veins/veinlets; locally relics of tuffaceous black matrix	Serp-st		md				
30.39	33.65	3.26	BM	Black-matrix matrix-poor lapilli tuff, distinctly serpentinized, grain fabric at 30-35deg rca, locally q-c veins, lower contact sharp at 60deg rca	Serp		wk				
33.65	36.03	2.38	BM	Dark greenish fine crystal-rich (pyroxene) fragmental meta-volcanic, ultramafic(?), crudely banded/layered at 60-65deg rca, few carbonate veinlets, lower contact sharp at 60deg rca	Serp						
36.03	36.75	0.72	BM	Serpentinized black-matrix tuff breccia, poor matrix, mixed composition	Serp						
36.75	36.90	0.15	DK	Light creamy andesite/dacite(?) dykelet(?) or layered tuff, incipient mariposite, sharp discordant lower contact at 55deg rca	Listw-wk						
36.90	39.13	2.23	BM	Black-matrix lapilli tuff/tuff breccia, variable amount of matrix, with predominant dacitic fragments, layering/fabric at 50deg rca, few quartz veinlets	Serp-wk						
39.13	39.71	0.58	SR	Greenish serpentinite, fragmental protolith, relics of muddy matrix, irregular q-c veins, lower contact sharp at 50deg rca	Serp-st						
39.71	40.25	0.54	SR	Sub-parallel to core axis, irregular contact zone between serpentinite and black-matrix tuff breccia, silicified	Sil-wk						
40.25	47.40	7.15	MV	Light creamy andesitic meta-tuff to lapilli tuff, multistorey complex layer, locally feldspar-rich layers at 65-70 deg, locally pyrite stringers, few quartz veins	Cl/Carb-wk, vSil-wk	fr Py 2-3%	wk				
47.40	48.13	0.73	BM	Black-matrix tuff breccia with predominant dacitic fragments, silicified?, matrix-poor, poorly developed quartz veins and silicification zones, pyrite-rich stringers cut through quartz veins	Cl/Sil/Carb/wk/md	fr Py 1-2%	wk				

48.13	52.75	4.62	BM	Black-matrix tuff breccia/lapilli tuff with moderately abundant matrix and mixed composition of fragments, few serpentinized frags, few quartz veins/breccia zones, locally sheared, trace of mariposite locally	Sil-wk, Listw	fr Py 2-4%	wk	BS87-10	49.00	50.29	1.29
52.75	52.95	0.20	QC	Whitish quartz vein to breccia, sheared contacts at 45deg rca, some mariposite	Sil-st, Listw	tr Py	md	BS87-11	52.75	52.95	0.20
52.95	54.55	1.60	BM	Black-matrix tuff breccia, grain fabric at 45 deg, common quartz-carbonate veins with some associated pyrite	vSil?Carb- wk	tr-1% Py	md	BS87-12 BS87-13	52.95 53.73	53.73 54.55	0.78 0.82
54.55	54.72	0.17	F	Shear zone in black-matrix lapilli tuff, moderately sliceous	Sil-md	diss Py 1%	tbx	BS87-14	54.55	55.05	0.40
54.72	54.99	0.27	MV	Dark grayish-creamy andesitic(?) meta-tuff, serpentinized, common Py stringers at 55deg rca and Py pods	Serp	fr/bl Py 4-5%					
54.99	55.30	0.31	BM	Black-matrix poor-matrix lapilli tuff, mixed fragments composition, moderate silicification and associated 5-6 cm wide zone of semimassive Py at 20-30deg rca	Sil-md	smass Py 4-5%		BS87-15	55.05	55.53	0.48
55.30	55.45	0.15	DK	Light creamy-greenish, fine, plagioclase-phyric andesitic dykelet with sharp boundaries at 45deg rca							
55.45	56.05	0.60	BM	Black-matrix lapilli tuff/tuff breccia with strong pyrite-quartz mineralization, sharp lower contact at 25deg rca	vSil-md	Py 25%	wk	BS87-16	55.53	56.08	0.55
56.05	57.09	1.04	BM	Black-matrix matrix-poor lapilli tuff, serpentinized, locally thin quartz veins + pyrite	vSil-wk	Py 1%	wk	BS87-17	56.08	57.06	0.98
57.09	57.30	0.21	BM	Black-matrix matrix-poor lapilli tuff, serpentinized, locally thin quartz veins and numerous pyrite pods	vSil-wk	Py 4-5%	wk	BS87-18	57.06	57.30	0.24
57.30	58.50	1.20	SR	Greenish serpentinite, protolith of matrix-poor black-matrix tuff breccia	Serp			BS87-19	57.30	58.50	1.20
58.50	59.40	0.90	SR	Greenish serpentinite with some quartz-carbonate veins and zones of brecciation	Serp		md	BS87-20	58.50	59.40	0.90
59.40	59.95	0.55	QC	Whitish quartz-carbonate vein, banded, locally mariposite along the walls	vSil-st, Listw		st	BS87-21	59.40	59.95	0.55
59.95	62.20	2.25	SR	Light greenish serpentinite, locally relics of blackish matrix between volcanic frags (mafic tuff breccia protolith), some irregular quartz-carbonate and quartz-pyrite veins, cross-cutting	vSil-md, Serp	fr Py 1-2%	md	BS87-22 BS87-23	59.95 61.07	61.07 62.20	1.12 1.13
62.20	63.23	1.03	SR	Light creamy-greenish serpentinite, similar as above, numerous irregular quartz-carbonate and quartz-pyrite veins, cross-cutting	v-Sil/Carb- st, Serp	fr Py 1-2%	md/st	BS87-24	62.20	63.23	1.13
63.23	66.50	3.27	MV	Light creamy andesitic/dacitic(?) fine mata-tuff, to dark grayish downhole, sharp upper contact at 25-30deg, gradational lower contact	Cl-md			BS87-25	63.23	64.35	1.12
66.50	68.95	2.45	MV	Dark greenish andesite-mafic meta-tuff, with some pyroxenecrystals, common Py stringers and irregular blebs, few quartz veins rich in pyrite in lower part	vSil-md	fr/bl Py 3-4%	wk	BS87-27 BS87-28 BS87-29	66.70 67.55 68.55	67.55 68.55 68.95	0.85 1.00 0.40
68.95	69.30	0.35	QC	Strong quartz-carbonate replacement, rich in pyrite, irregular contacts	Sil-st	Py 20-30%		BS87-30	68.95	69.33	0.38

69.30	74.25	4.95	UM	Dark green mafic-ulapilli tuframafic(?) porphyry, or mafic crystal rich tuff	Serp							
74.25	76.75	2.50	MV	Light creamy-greenish to pinkish andesite fragmental volcanic to tuff, locally incipient mariposite, some hematite-limonite stringers and quartz-pyrite veinlets	Cl-md, Listw	fr Py 2-3%	wk	BS87-31	76.20	76.75	0.55	
76.75	78.75	2.00	FP	Dark green plagioclase-rich mafic porphyry; includes two narrow shear zones with incipient silicification	Cl-wk, Sil-wk	fr Py 1%	wk	BS87-32	78.20	78.75	0.55	
78.75	79.75	1.00	SR	Dark green serpentinite with numerous quartz pods and irregular veins and associated pyrite mineralization, some strong silica-pyrite replacements	Serp, Sil md	fr/diss Py 3-7%, tr Cpy	wk	BS87-33	78.75	79.75	1.00	
79.75	82.14	2.39	SR	Greenish-creamy serpentinite, some pyrite stringers and small quartz pods	Serp, Sil-wk	fr/diss Py 3-7%	wk	BS87-34 BC87-35	79.75 81.14	81.14 82.14	1.39 1.00	
82.14	82.56	0.42	MV	Light creamy meta-andesite, sharp lower contact at 55-60deg rca	Cl-wk, Sil-wk	fr/diss/bl Py 3-6%		BS87-36	82.14	83.20	1.06	
82.56	82.84	0.28	BM	Black-matrix lapilli tuff, mixed composition, sharp lower contact at 57deg	Cl-wk, Sil-wk	fr/diss/bl Py 3-4%						
82.84	86.29	3.45	MV	Light creamy incipient serpentinite - protolith of mafic/andesitic lapilli tuff, transitional irregular lower contact	Serp-wk	fr/diss/bl Py 3-5%	wk	BS87-37	83.20	83.70	0.40	
86.29	86.68	0.39	TX	Tectonic breccia zone in light creamy serpentinite			tbx	BS87-39	86.29	86.68	0.39	
86.68	87.37	0.69	MV	Light creamy meta-andesite, numerous zones of of quartz veining/brecciation and associated pyrite mineralization	Cl-wk, Listw	fr/diss/bl Py 10-15%, tr	st	BS87-40	86.68	87.47	0.79	
87.37	88.47	1.10	MV	Light grayish, slightly serpentinitized andesitic/mafic tuff, with some flakes of mariposite	Serp	fr Py 2-4%	wk	BS87-41	87.47	87.91	0.44	
88.47	88.55	0.08	EP	Grayish redeposited (or fluidization dykelet) breccia (epiclastic?) - subrounded fragments, common mariposite, sharp both contacts at 80deg rca	Listw-wk							
88.55	89.15	0.60	MV	Light greenish andesite/mafic tuff/lapilli tuff, some mariposite locally, lower contact irregular	Cl-md, Serp/Listw	fr Py 1%						
89.15	90.01	0.86	EP	Gray polymictic fluidization breccia, numerous frags contain mariposite, some frags are rich in pyrite		Py 5-7%		BS87-42	89.15	90.01	0.86	
90.01	91.44	1.43	SR	Light creamy-greenish serpentinite, fragmental volcanic protolith	Serp			BS87-43	90.01	91.44	1.43	
91.44	92.00	0.56	SR	Moderately greenish serpentinite with numerous pods of pyrite and some wide py-rich stringers, lower contact along shear zone at 30deg rca	Serp	fr/ms Py 3-7%		BS87-44	91.44	92.10	0.66	
92.00	92.91	0.91	SR	Grayish-green serpentinite, talcose, some quartz-carbonate veins with associated blebs of pyrite, tectonic fabric at 55deg rca, locally mariposite	Serp-st, Listw	fr Py 1-3%	wk	BS87-45	92.10	92.91	0.81	

92.91	93.47	0.56	SR	Grayish-green serpentinite, talcose, with numerous quartz-carbonate veins and mariposite	Serp-st, Listw	fr Py 2-4%	wk	BS87-46	92.91	93.51	0.60
93.47	94.40	0.93	SR	Greenish serpentinite with some quartz-carbonate veins, some mariposite in places, transitional lower contact	Serp-st, Listw	fr Py 1-2%	wk				
94.40	98.75	4.35	SR	Bluish-gray talcose schist, and strongly sheared serpentinite, tectonic-induced fragmentation of the protolith rock, lower contact sheared with associated quartz and pyrite	Serp-st, Listw	tr Py	sheared				
98.75	100.49	1.74	SR	Light creamy-greenish serpentinite (fragmental protolith), thin quartz-carbonate veins with associated pyrite, also pyrite-riched stringers	Serp	Py 2-4%	sheared	BS87-47 BS87-48	98.70 99.62	99.62 100.49	0.92 0.87
100.49	101.03	0.54	F	Fault zone in serpentinite, strongly sheared, with numerous quartz-carbonate veins, banded	Cl-st, Serp	fr Py 2-5%	tbx	BS87-49	100.49	101.10	0.61
101.03	102.00	0.97	SR	Greenish serpentinite with few thin quartz veins	Serp	fr Py 1-3%	wk	BS87-50	101.10	102.00	0.90
102.00	104.50	3.47	SR	Light grayish-green serpentinite, some thin quartz-carbonate veins, some accompanied by pyrite and/or hematite mineralization	Serp	fr Py 1-2%, tr Hem	wk				
104.50	105.01	0.51	SR	Serpentinite as above but with numerous quartz-carbonate veins and pods, lower contact at 40-45deg rca	Serp, vSil/Carb	tr Py		BS87-51	104.41	105.15	0.74
105.01	105.25	0.24	MV	Light greenish andesitic meta-tuff, lower contact irregular				BS87-52	105.15	105.65	0.50
105.25	106.70	1.45	BM	Grayish black-matrix lapilli tuff/tuff breccia, some fragments show distinct reaction rims (fluidization breccia?), both contacts steep, irregular							
106.70	107.60	0.90	SR	Light creamy-greenish serpentinite with few thin quartz-carbonate veins, lower contact transitional	Serp, vSil/Carb-wk	tr Py	wk				
107.60	109.70	2.10	SR	Greenish serpentinite, lower contact sharp displays signs of brecciation	Serp						
109.70	109.77	0.07	DK	Dark gray breccia in fluidization dykelet, sharp contacts at 55-70deg rca							
109.77	112.20	2.43	SR	Dark greenish serpentinite with a few carbonate-minor Quartz veinlets, lower contact gradational	Serp	tr Py					
112.20	113.40	1.20	MV	Light creamy andesitic(?) tuff with some quartz-carbonate veins and associated pyrite along their edges, lower contact gradational	Cl-md/st	fr Py 1%	wk	BS87-53 BS87-54	112.30 112.49	112.49 113.32	0.19 0.85
113.40	113.63	0.23	UM	Dark brownish-green, fine mafic porphyry				BS87-55	113.32	113.60	0.28
113.63	114.30	0.67	UM	Same as above but with numerous thin fluidization dykelets and associated pyrite and hematite		fr Py 1-25%, tr Hem	st	BS87-56	113.60	114.30	0.70
114.30	115.23	0.93	UM	Grayish-green mafic porphyry or crystal-rich tuff, sharp lower contact at 40deg rca, some pyrite stringers and thin carbonate-quartz veins	vCarb/Sil-wk	fr Py 1%	wk				
115.23	115.34	0.11	DK	Grayish fluidization dykelet, sharp slightly irregular contacts							
115.34	115.37	0.03	UM	Mafic porphyry as before							
115.37	117.48	2.11	BM	Black-matrix lapilli tuff with moderately abundant matrix, locally some quartz-carbonate-pyrite veinlets, grain fabric at 30-35deg rca, locally incipient brecciation and fluidization dykelets	vSil/Carb-wk	fr Py 1%	md	BS87-57	116.28	116.61	0.33

117.48	119.50	2.02	SR	Greenish-bluish serpentinite, cut by thin fluidization dykelets, both contacts sharp at 55deg rca, some thin quartz veinlets with delicate pyrite coatings along edges	Serp	fr Py 1%	md				
119.50	121.45	1.95	SR	Light greenish serpentinite with some pyrite-rich zones and few quartz-carbonate veins	Serp	fr/diss Py 1-3%		BS87-58	120.87	121.45	0.58
121.45	121.58	0.13	MV	Greenish mafic meta-tuff, slightly sheared							
121.58	121.78	0.20	F	Incipient shear zone in serpentinite, shear at 35-40deg rca	Serp		sheared				
121.78	122.10	0.32	TX	Tectonic breccia or fluidization breccia, contacts at 45deg, some carbonate-quartz veining		bl Py 1-2%		BS87-59	121.78	122.18	0.40
122.10	126.30	4.20	UM	Dark greenish-gray, crudely layered ulapilli tufframafic, pyroxene porphyry (some feldspars?), lower contact sharp at 30deg rca	vSil-wk	fr Py 0.5%		BS87-60	122.79	123.26	0.47
126.30	126.80	0.50	DK	Dark gray, grain supported, polymictic agglomerate, probably fluidization dyke, sharp lower contact at 45deg rca							
126.80	129.54	2.74	UM	Dark greenish ultramafic porphyry (pyroxene), small slabs of serpentinite along the contact				BS87-61	129.19	129.54	0.35
EOH @ 129.54m (425 ft)											

Abbreviations - as before

**Saturn Minerals Ltd.**

Project **Beavis 08**  
 Drill Hole **BS8-8** Easting: 571615  
 Core NTW Northing: 6606460  
 TD (300 ft) 91.44m Elevation: 702 m a.s.l.  
 Claim 362488 Azimuth: 168  
 NTS 104N.052 Dip: -50

Contractor: Kluane  
 Started: 28-Aug-08  
 Finished: 30-Aug-08  
 Logged by: K. Mastalerz  
 Date logged: 31-Aug-08  
 11-Sep-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	168	-50

From	To	Length	Code	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From	To	Length
m	m	m							m	m	m
0.00	5.70	5.70	0	Overburden: gravel and boulders							
5.70	7.28	1.58	MV	Light creamy andesitic metatuff, strong development of quartz-carbonate veins, incipient greenschist alapilli tuffification, lower contact sharp at 20deg rca	Oxid-md, vSil/Carb-st		wk				
7.28	8.49	1.21	QC	Zone of a strong carbonate-quartz veining in greenish andesite/dacite metatuff, incipient mariposite, locally weak brecciation	vCarb/Sil-st, Listw	diss/fr Py 1-3%		BS88-01	7.25	8.49	1.25
8.49	11.02	2.53	MV	Light creamy andesite/dacite(?) meta-tuff with some dark-gray stringers (muddy stringers?), lower contact sharp at 40deg rca	Cl-wk						
11.02	12.27	1.25	F	Greenish shear zone in greenstone rock with incipient talc and mariposite, some quartz veinlets	Gst-wk, Listw	fr Py 1%	sheared				
12.27	12.63	0.36	MS	Gray siliceous fine grained rock or meta-chert, crude stratification at 45deg rca		diss Py 0.5%		BS88-02	12.24	12.59	0.35
12.63	13.70	1.07	QC	Whitish quartz-(carbonate) breccia/veins in matrix-rich black-matrix lapilli tuff	vSil/Carb-st		st	BS88-03	12.59	13.72	1.13
13.70	14.12	0.42	TM	Black tuffaceous mudstone to matrix-rich black-matrix lapilli tuff, some thin quartz veinlets, lower contact sheared and silicified at 35deg rca	v/pSil-wk	diss Py 2-4%	wk	BS88-04	13.72	14.20	0.48
14.12	15.35	1.23	MV	Brownish to greenish, mafic lapilli tuff, slightly serpentinized(?), lower contact gradational	Cl-md						
15.35	17.10	1.75	BM	Light grayish black-matrix lapilli tuff/tuff breccia, poor matrix, frags are strongly silicified of dacitic volcanic or chert protolith, lower contact gradational	Sil-md						
17.10	18.20	1.10	BM	Medium greenish-to-bluish mafic lapilli tuff/tuff breccia, matrix-poor, grain fabric and silicification at 55deg rca, lower contact gradational	Sil-wk						
18.20	18.65	0.45	BM	Gray tuffaceous mudstone to matrix-rich black-matrix lapilli tuff, frags are slightly serpentinized, crude layering at 45-50deg rca	Serp?						
18.65	19.35	0.70	BM	Matrix-poor black-matrix lapilli tuff/tuff breccia of mixed composition, depositional fabric at 15-20deg rca, lower contact sharp, discordant at 40deg rca	Sil-wk						
19.35	19.86	0.51	MV	Light greenish andesite(?) meta-tuff, sharp discordant lower contact at 45 deg rca							

19.86	22.02	2.16	BM	Black-matrix lapilli tuff to tuffaceous mudstone, distinct grain fabric at 40-45deg, some frags are distinctly silicified and/or of meta-chert(?) material, lower contact sharp discordant at 50deg rca	Sil-wk							
22.02	25.60	3.58	MV	Light grayish, cloudy, fine andesite/mafic mata-tuff, incipient serpentinization, some thin quartz-carbonate veins to incipient brecciation, lower contact irregular but sharp, discordant	Cl-md, Serp-wk	bl/fr Py 2-5%	wk					
25.60	26.69	1.09	BM	Black-matrix tuff breccia/volcanic breccia, matrix-poor, mixed composition				BS88-05	22.58	22.88	0.30	
26.69	27.66	0.97	TM	Black tuffaceous mudstone with a few lapilli-size fragments, sharp contacts at 65-70deg rca								
27.66	29.88	2.22	BM	Matrix-rich mb lapilli tuff/volcanic breccia, mixed composition of fragments, some frags are serpentinized, few thin quartz veins; locally thin intervals of tuffaceous mudstone	Serp?, vSil-wk	fr/v Py 1-2%	wk					
29.88	30.15	0.27	TM	Black tuffaceous mudstone with a few lapilli-size fragments along both contacts								
30.15	32.95	2.80	BM	Matrix-rich mb lapilli tuff, mixed composition of fragments, some frags are serpentinized, few thin quartz veins; locally thin intervals of tuffaceous mudstone	Serp?, vSil-wk	fr/v Py 1-2%	wk					
32.95	34.25	1.30	TM	Black tuffaceous mudstone with a few lapilli-size fragments, slightly irregular lower contact at 35-45deg rca								
34.25	35.20	0.95	BM	Matrix-poor black-matrix tuff breccia/lapilli tuff								
35.20	35.62	0.42	BM	Matrix-supported black-matrix lapilli tuff								
35.62	35.97	0.35	TM	Black tuffaceous mudstone								
35.97	36.40	0.43	BM	Matrix-poor black-matrix volcanic breccia								
36.40	36.65	0.25	TM	Black tuffaceous mudstone								
36.65	36.80	0.15	BM	Matrix-supported black-matrix lapilli tuff								
36.80	38.10	1.30	BM	Matrix-poor black-matrix tuff breccia with predominance of serpentinized frags of mafic volcanics		fr/diss Py 1-3%		BS88-07	37.20	37.80	0.60	
38.10	40.90	2.80	SR	Greenish serpentinite, protolith of fragmental mafic volcanic, some relics of blackish muddy matrix				BS88-08	40.22	40.90	0.68	
40.90	41.20	0.30	MS	Grayish, strongly siliceous fine-grained rock, probably meta-chert	Sil-st							
41.20	44.38	3.18	SR	Greenish serpentinite, protolith of fragmental mafic volcanic including frags of pillow lava, some relics of blackish muddy matrix; sharp irregular lower contact								
44.38	46.35	1.97	UM	Dark greenish-gray, ulapilli tufframafic pyroxene-(feldspar?) porphyry; sharp intrusive? Contacts at 45deg rca								
46.35	46.95	0.60	SR	Dark-greenish serpentinite, protolith of fragmental mafic volcanic, few relics of blackish muddy matrix								
46.95	47.96	1.01	MV	Light brownish-creamy clay-alapilli tuffered fragmental volcanic, matrix-poor, some quartz-carbonate thin veins locally, gradational contacts	Cl-md, Serp?			BS88-09	47.24	47.70	0.46	

47.96	48.21	0.25	MS	Gray meta-chert or fine, silicified dacitic meta-volcanic rock	Sil-md?						
48.21	48.41	0.20	TM	Black mudstone (tuffaceous?) with a few lapilli-size volcanic frags, crude stratification at 75deg rca; irregular lower contact at 70-75deg							
48.41	49.94	1.53	SR	Greenish serpentinite, protolith of fragmental mafic volcanic, few small relics of blackish muddy matrix							
49.94	50.35	0.41	BM	Black-matrix tuff breccia of mixed composition, includes frags of serpentitized volcanics, siliceou dactie(?) and meta-chert(?), sharp sheared lower contac at 30deg rca		diss Py 1-2%					
50.35	50.49	0.14	TM	Black tuffaceous mudstone to matrix rich black-matrix lapilli tuff							
50.49	51.62	1.13	BM	Black-matrix tuff breccia/lapilli tuff with mixed composition of fragments (serpentitized and dacitic-silicified), in lower part numerous pyrite-rich stringers		fr/bl Py 3-5%		BS88-10	50.88	51.70	0.82
51.62	51.74	0.12	UM	Light creamy pyroxene-porphry, dykelet with sharp contacts at 60-65deg rca							
51.74	52.60	0.86	BM	Matrix-rich black-matrix tuff breccia/lapilli tuff, bimodal composition of fragments		diss/fr Py 2-4%		BS88-11	51.70	52.60	0.90
52.60	53.30	0.70	MS	Dark grayish, silicified(?) meta-chert(?) or volcanic protolith rock, numerous irregular pods of pyrite	Sil-st	bl Py 3-12%		BS88-12	52.60	53.30	0.70
53.30	56.97	3.67	MV	Light greenish-creamy partly silicified(?) talcose-sericite schist, well preserved primary-depositional(?) stratification at 30-40deg rca (meta-tuff?), sharp contacts at 30-40deg, few quartz-carbonate veins in lower part	v/pSil-wk						
56.97	57.10	0.13	QC	Zone with strong development of quartz-carbonate vein-to-breccia in black tuffaceous fragmental rocks	vSil/Carb-st		st	BS88-13	56.90	57.16	0.26
57.10	59.02	1.92	BM	Black-matrix lapilli tuff to volcanic breccia in the lower part of the interval, polymictic composition, some quartz veinlets	vSil-wk	fr Py 3-6%	wk				
59.02	60.05	1.03	MV	Light creamy-greenish andesite(?) intrusive - dyke or flow, sparce mariposite near the bottom contact	Listw	fr Py 1%	wk	BS88-14	59.44	60.05	0.61
60.05	61.51	1.46	BM	Matrix-rich black-matrix lapilli tuff with predominance of silicified dacitic(?) fragments, few quartz veins	vSil-wk	bl Py 3-7%		BS88-15 BS88-16	60.05 60.53	60.53 61.45	0.48 0.92
61.51	62.62	1.11	MV	Dark gray, strongly silicified lapilli tuff, or fragmental-brecciated meta-chert	Sil-st						
62.62	62.70	0.08	QC	Whitish quartz breccia, drusy, with some pyrite	Sil-st	Py 1%	st	BS88-17	62.55	62.80	0.25
62.70	65.67	2.97	BM	Matrix-variable black-matrix lapilli tuff/tuff breccia, grain fabric at 30-35deg rca, some irregular veins and pods of quartz	Sil-md	diss Py 1-4%		BS88-18	62.80	63.82	1.02
65.67	67.43	1.76	MV	Grayish, fragmental meta-chert or strongly silicified dacitic fragmental volcanic, poor muddy matrix							
67.43	71.30	3.87	MS	Light grayish massive meta-chert, lower part microfractured							
71.30	72.35	1.05	MS	Grayich meta-chert with some quartz veins and common quartz brecciation, veins sub-parallel to core axis	v/pSil-st			BS88-19	71.29	72.43	1.14



72.35	73.82	1.47	MS	Grayish, fragmental meta-chert or strongly silicified dacitic fragmental volcanic, moderately poor muddy matrix								
73.82	74.00	0.18	DK	Light creamy andesitic(?) dykelet, contacts at 30-35deg rca								
74.00	74.97	0.97	BM	Black-matrix lapilli tuff with some chert fragments, locally few quartz veins, especially in the lower part	vSil-wk							
74.97	82.18	7.21	SR	Greenish serpentinite, protolith of fragmental mafic volcanic, few small relics of blackish muddy matrix, grain-tectonic fabric at 30-35deg rca, locally incipient brecciation and few quartz veinlets	Serp, vSil-wk	fr Py 1%	md	BS88-20	79.30	80.17	0.87	
82.18	82.67	0.49	SR	Light creamy serpentinite (andesitic meta-tuff?), moderately silicified, lower contact sharp at 65-70deg, both contacts sheared	Sil-md		sheared					
82.67	83.20	0.53	BM	Black-matrix lapilli tuff with predominant serpentinitized fragments	Serp?							
83.20	84.08	0.88	FP	Light creamy fine/medium feldspar porphyry, both contacts sharp, irregular, intrusive(?) at approx 30deg rca								
84.08	91.44	7.36	SR	Greenish serpentinite, protolith of fragmental mafic volcanic, few small relics of blackish muddy matrix, grain-tectonic fabric at 30-70deg rca, few thin quartz veinlets	Serp, vSil-wk		wk					
				EOH @ 91.44 m (300 ft)								

Abbreviations - as before

APPENDIX 4

Core Sample Analytical Results - Laboratory Certificates



BS81-35	.8	1.78	63	<5	73	<10	3.59	<1	31	14	94	8.21	.09	1.85	1317	3	.02	14	.09	2	2.23	<2	<2	130	7	0.03	<5	219	99	10
BS81-36	.2	1.01	9	<5	37	<10	3.01	<1	6	63	51	2.01	.04	1.40	618	4	.01	22	.04	<2	.12	<2	<2	90	<5	<0.01	<5	20	50	2
BS81-37	.3	3.02	28	<5	60	<10	4.42	<1	31	151	39	6.14	.03	2.84	1114	3	.03	64	.09	<2	.29	<2	<2	112	<5	0.06	<5	211	68	3
BS81-38	.4	3.59	96	<5	17	<10	2.65	<1	41	105	72	7.56	.02	3.20	1019	4	.01	62	.07	<2	.49	<2	<2	173	<5	<0.01	<5	186	66	5
BS81-46	2.6	1.19	>10000	25	36	136	7.59	2	490	31	780	5.36	.10	.28	753	77	.05	84	.14	42	1.53	33	<2	100	33	0.04	<5	22	242	860
BS81-47	.3	2.30	38	<5	54	<10	6.02	<1	28	115	53	6.17	.06	3.00	1210	3	.04	53	.06	<2	.26	<2	<2	194	<5	0.03	<5	175	64	3
BS81-48	.2	.81	51	<5	508	<10	4.92	<1	31	74	51	6.63	.05	2.54	1266	1	.01	50	.06	7	.42	<2	<2	182	<5	<0.01	<5	153	89	4
BS82-01	.3	.43	61	<5	22	<10	1.93	<1	23	63	58	5.10	.06	.98	1030	7	.01	42	.07	6	.96	<2	<2	48	<5	<0.01	<5	109	123	6
BS82-02	.2	.25	59	<5	105	<10	2.94	1	14	52	49	2.66	.05	.92	580	14	.01	33	.08	9	1.05	2	<2	61	<5	<0.01	<5	59	92	11
BS82-03	.3	.26	69	<5	15	<10	7.47	<1	18	82	27	4.06	.02	2.55	1046	3	.01	41	.03	4	.52	6	<2	130	<5	<0.01	<5	109	59	9
BS82-04	.2	.19	61	<5	16	<10	4.26	<1	14	69	34	1.95	.03	1.43	486	8	.01	37	.07	4	.52	5	<2	88	<5	<0.01	<5	45	57	7
BS82-05	.4	.17	65	<5	12	<10	2.16	<1	17	69	39	1.89	.03	.77	392	8	.01	37	.05	4	.67	4	<2	50	<5	<0.01	<5	30	60	9
BS82-06	.3	.08	45	<5	18	<10	7.9	4	6	43	15	2.48	.02	2.52	900	9	.01	16	.11	14	.32	<2	<2	164	<5	<0.01	<5	24	63	8
BS82-07	.4	.27	38	<5	88	<10	2.88	<1	10	53	47	1.85	.04	.97	398	9	.01	16	.04	<2	.60	<2	<2	59	<5	<0.01	<5	36	50	6
BS82-08	.5	.19	65	<5	18	<10	4.79	<1	13	71	21	1.56	.05	1.63	515	6	.01	39	.09	2	.12	3	<2	119	<5	<0.01	<5	23	59	8
BS82-09	2.4	1.23	>10000	25	34	131	7.86	2	490	32	784	5.44	.10	.28	780	77	.04	86	.14	46	1.51	35	<2	97	33	0.05	<5	22	239	845
BS82-10	.3	.24	13	<5	315	<10	4	<1	8	79	54	1.32	.05	1.75	415	11	.01	20	.05	7	.59	<2	<2	167	<5	<0.01	<5	20	53	10
BS82-11	.4	.46	41	<5	107	<10	4.64	<1	28	44	62	5.32	.08	1.88	1328	17	.01	55	.19	10	1.51	<2	<2	113	<5	<0.01	<5	103	118	9
BS82-12	.3	.10	13	<5	26	<10	1.48	<1	8	115	17	.72	.04	.25	369	9	.01	22	.01	6	.20	<2	<2	17	<5	<0.01	<5	7	25	6
BS82-13	.4	.07	14	<5	32	<10	0.98	<1	4	139	12	.62	.02	.32	478	8	.01	13	<0.01	<2	.20	<2	<2	20	<5	<0.01	<5	4	17	3
BS82-14	.2	1.60	26	<5	41	<10	1.89	1	20	49	68	4.63	.08	1.28	1244	10	.02	41	.09	12	1.20	<2	<2	59	6	<0.01	<5	93	132	10
BS82-15	.3	.20	43	<5	49	<10	2.52	<1	11	75	55	2.28	.12	.86	594	14	.01	35	.07	14	1.20	3	<2	84	<5	<0.01	<5	12	87	8
BS82-16	.2	.23	29	<5	25	<10	1.33	<1	11	72	72	2.43	.11	.63	783	9	.01	29	.07	4	.88	<2	<2	58	<5	<0.01	<5	17	77	4
BS82-17	.6	.35	43	<5	30	<10	1.52	<1	12	61	67	2.45	.11	.68	523	30	.01	37	.11	10	1.13	<2	<2	65	<5	<0.01	<5	29	88	36
BS82-18	.3	.24	26	<5	64	<10	3.93	<1	5	24	8	1.87	.13	1.00	2482	4	.02	5	.11	23	.35	4	<2	132	<5	<0.01	<5	6	58	90
BS82-19	.1	.32	4	<5	432	<10	2.2	<1	4	40	1	1.49	.16	.71	615	2	.03	5	.12	4	.21	<2	<2	112	<5	<0.01	<5	7	37	7
BS82-20	.1	.21	6	<5	1263	<10	2.78	<1	4	42	1	1.19	.10	.90	457	2	.01	6	.07	8	.18	<2	<2	106	<5	<0.01	<5	3	21	3





BS88-06	43.1	.20	9002	<5	5	<10	1.94	254	15	10	984	10.41	.10	.09	1863	11	.01	20	.04	>10000	11.59	126	<2	95	<5	<0.01	<5	9	>10000	470
BS88-07	.8	2.31	34	<5	30	<10	1.53	<1	52	143	368	9.91	.11	2.43	1413	4	.01	79	.02	8	7.00	<2	<2	32	9	<0.01	<5	86	75	19
BS88-08	1.1	2.58	73	<5	34	<10	2.77	<1	34	61	224	5.51	.06	2.32	1485	3	.01	58	.05	<2	.92	5	<2	63	6	<0.01	<5	120	76	32
BS88-09	.3	.41	107	<5	59	<10	4.20	<1	46	45	132	5.87	.09	2.52	1437	2	.01	70	.03	9	.59	3	<2	81	<5	<0.01	<5	85	94	22
BS88-10	.6	2.67	53	<5	68	<10	1.24	<1	42	149	143	6.31	.09	3.01	1279	4	.01	70	.07	2	2.22	<2	<2	62	8	<0.01	<5	128	62	380
BS88-11	.1	1.11	36	<5	68	<10	1.54	<1	23	108	86	3.64	.12	1.88	615	11	.01	50	.16	<2	1.89	<2	<2	80	<5	<0.01	<5	72	42	100
BS88-13	1.2	.20	236	<5	155	<10	5.81	<1	6	41	24	2.41	.11	2.45	922	8	.01	17	.02	87	.77	7	<2	86	<5	<0.01	<5	14	52	38
BS88-14	.3	.35	386	<5	247	<10	6.62	<1	30	122	54	3.98	.06	3.42	1177	4	.01	100	.07	4	.67	11	<2	246	<5	<0.01	<5	65	73	51
BS88-15	.1	.18	110	<5	31	<10	1.75	<1	10	64	46	2.23	.09	.83	457	10	.01	28	.06	4	2.01	<2	<2	55	<5	<0.01	<5	15	24	46
BS88-16	.1	.22	79	<5	37	<10	.88	<1	17	54	60	3.24	.13	.57	401	9	.01	31	.07	3	3.23	<2	<2	29	<5	<0.01	<5	16	32	44
BS88-18	.8	.16	240	<5	71	<10	1.90	<1	11	50	57	1.94	.10	.78	510	8	.01	25	.04	10	1.76	5	<2	40	<5	<0.01	<5	9	54	40
BS88-19	.8	.11	1422	<5	33	<10	8.23	1	7	61	18	2.31	.05	3.75	2098	11	.01	24	.11	104	1.06	10	<2	201	<5	<0.01	<5	15	217	225
BS88-20	.1	2.44	39	<5	81	<10	5.45	<1	32	126	50	5.22	.05	3.07	1332	2	.02	64	.05	<2	.15	<2	<2	159	6	0.03	<5	160	67	13









BS87-40	.3	.23	109	<5	59	<10	8.27	<1	7	46	25	2.45	.04	4.18	738	2	.01	66	.02	4	.10	9	<2	221	<5	<0.01	<5	10	27	7
BS87-41	.3	.91	78	<5	29	<10	2.31	<1	30	81	117	7.67	.05	3.05	1196	3	.01	63	.05	8	1.71	3	<2	67	9	<0.01	<5	132	76	3
BS87-42	.2	.45	481	<5	36	<10	6.14	<1	27	99	47	4.01	.06	3.69	875	7	.01	352	.02	7	1.29	8	<2	165	<5	<0.01	<5	27	51	38
BS87-43	.3	2.50	37	<5	58	<10	2.55	<1	29	98	83	6.31	.06	3.82	1032	4	.01	45	.04	14	.54	3	<2	107	<5	<0.01	<5	163	76	22
BS87-44	.9	2.58	304	<5	27	<10	1.98	<1	50	217	242	10.05	.06	4.57	549	3	.01	277	.03	15	7.45	9	<2	65	12	<0.01	<5	98	45	75
BS87-45	.3	1.98	312	<5	26	<10	5.30	<1	52	548	41	4.67	.05	7.81	943	2	.01	832	.03	10	.51	5	<2	182	<5	<0.01	<5	57	65	20
BS87-46	.4	.27	558	<5	14	<10	8.67	<1	58	461	13	3.53	.02	8.82	1245	1	.01	1154	.01	4	.61	11	<2	436	<5	<0.01	<5	12	20	57
BS87-47	.2	.32	568	<5	12	<10	2.35	<1	73	476	13	3.67	<0.01	12.42	745	2	.01	1516	.01	5	.27	<2	<2	137	<5	<0.01	<5	7	14	26
BS87-48	.1	.99	41	<5	99	<10	3.01	<1	33	58	69	6.14	.12	2.98	831	3	.01	48	.04	5	1.13	7	<2	133	<5	<0.01	<5	120	89	40
BS87-49	.2	.44	54	<5	110	<10	7.77	<1	23	37	55	5.26	.08	4.81	1331	2	.01	38	.03	6	1.37	2	<2	279	<5	<0.01	<5	72	63	38
BS87-50	1.4	.59	86	<5	86	<10	5.31	<1	28	52	65	5.73	.07	3.55	1056	2	.01	52	.04	5	2.13	9	<2	222	<5	<0.01	<5	92	94	34
BS87-51	.5	1.14	485	<5	189	<10	7.35	<1	29	101	52	5.44	.10	4.18	1472	3	.01	104	.13	10	.88	19	<2	278	<5	<0.01	<5	98	74	36
BS87-52	.1	.59	58	<5	108	<10	4.62	<1	24	107	32	3.37	.14	2.49	985	3	.01	126	.16	11	.65	4	<2	188	<5	<0.01	<5	33	49	28
BS87-53	.2	1.28	34	<5	518	<10	4.17	<1	32	84	49	5.39	.08	3.43	1140	1	.01	63	.05	5	.30	2	<2	205	<5	<0.01	<5	118	76	18
BS87-54	.1	.54	72	<5	219	<10	5.12	<1	33	108	62	5.00	.06	2.81	1032	2	.01	95	.18	8	.94	5	<2	191	<5	<0.01	<5	116	77	24
BS87-55	.6	2.39	27	<5	1038	<10	4.77	<1	30	335	54	4.87	.41	5.01	1159	2	.05	169	.45	19	.28	12	<2	303	6	0.09	<5	101	71	12
BS87-56	.1	2.22	49	<5	93	<10	4.31	<1	32	296	119	6.15	.31	4.45	1061	<1	.04	146	.34	16	3.01	5	<2	278	6	0.07	<5	87	65	46
BS87-57	.5	1.16	13	<5	46	<10	1.07	<1	18	48	129	5.44	.08	1.34	703	12	.02	32	.09	10	2.70	3	<2	43	6	<0.01	<5	84	68	85
BS87-58	.3	2.58	80	<5	79	<10	4.19	<1	22	159	117	7.08	.15	4.34	898	3	.01	78	.06	10	2.39	<2	<2	161	<5	<0.01	<5	118	71	80
BS87-59	.2	1.82	45	<5	48	<10	8.43	<1	28	132	50	5.32	.07	6.43	1264	5	.01	189	.15	12	2.00	6	<2	476	<5	<0.01	<5	73	79	90
BS87-60	.4	3.01	30	<5	772	<10	7.38	<1	49	225	48	5.86	.57	7.45	1095	3	.03	286	.39	18	.35	8	<2	342	<5	0.09	<5	140	77	8
BS87-61	.1	1.56	8	<5	1005	<10	4.56	<1	23	199	80	3.49	.25	3.64	714	3	.07	81	.34	9	.12	6	<2	222	5	0.09	<5	78	47	10

PIONEER LABORATORIES INC.

#103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5

TELEPHONE (604) 231-8165

SATURN MINERALS INC.

**G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E**

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. \*Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Analyst \_\_\_\_\_  
Report No. 2081962  
Date: October 10, 2008

Project: BS-08  
Sample Type: Cores/Rocks

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppr	Sn ppm	Sr ppm	Te ppr	Ti %	Tl ppr	V ppm	Zn ppm	Au* ppb
BS81-20B	0.9	0.43	666	<5	99	<10	6.17	2	28	55	59.4	6.04	0.15	3.09	1275	3	0.01	44	0.06	9.9	1.96	21	<2	209	<5	<0.01	<5	111	83	225
BS81-45A	0.1	2.05	5	<5	28	<10	2.36	1	25	113	61.6	4.06	0.02	1.86	611	3	0.04	54	0.05	2.2	0.33	4	<2	31.5	<5	0.14	<5	94	46	1
BS82-21	0.8	0.57	56	<5	97	<10	2.45	2	15	59	103.4	3.32	0.16	1.42	1123	12	0.01	33	0.08	15.4	1.1	6	<2	133	<5	<0.01	<5	32	109	2
BS82-24	0.3	2.36	31	<5	1051	<10	6.02	2	39	224	85.8	6.08	0.75	4.23	1034	4	0.03	140	0.53	13.2	0.54	10	<2	500	<5	0.11	<5	147	73	1
BS82-25	1.5	0.31	76	<5	72	11	1.65	2	16	39	396	6.26	0.14	1.49	673	11	0.01	47	0.05	8.8	3.36	6	<2	94.5	<5	<0.01	<5	45	56	1
BS82-26	1.1	0.67	150	<5	48	<10	1.1	2	12	62	180.4	6.81	0.11	1.6	376	10	0.01	29	0.1	7.7	5.43	5	<2	70.4	<5	<0.01	<5	35	33	120
BS82-27	3.5	1.32	1636	<5	8	175	0.41	7	54	51	245.3	27.7	0.02	1.68	221	5	0.01	29	0.06	5.5	>10	8	<2	20	9	<0.01	<5	39	30	215
BS82-28	1.8	1.19	248	<5	21	22	0.53	3	16	54	343.2	9.82	0.09	1.84	341	12	0.01	32	0.1	8.8	8.59	9	<2	27.3	<5	<0.01	<5	54	60	260
BS82-29	0.2	0.43	37	<5	140	<10	2.47	<1	9	43	12.1	2.98	0.1	1.31	688	6	0.02	9	0.1	14.3	0.45	3	<2	166	<5	<0.01	<5	42	71	83
BS84-20	8.4	0.12	52	<5	35	<10	3.05	<1	6	99	92.4	1.44	0.08	1.43	408	6	0.01	29	0.04	17.6	0.55	12	<2	151	<5	<0.01	<5	9	53	520
BS84-22	11.1	0.11	81	<5	260	<10	4.79	<1	9	97	100.1	2.17	0.08	2.26	509	5	0.01	36	0.03	11	1.01	10	<2	247	<5	<0.01	<5	17	38	580
BS85-16	1.9	0.15	150	<5	25	<10	1.5	1	8	95	41.8	1.69	0.11	0.56	456	17	0.01	26	0.06	7.7	1.24	6	<2	50.4	<5	<0.01	<5	11	96	345
BS88-12	0.7	0.13	166	<5	33	<10	0.67	<1	9	98	82.5	4.56	0.08	0.39	206	5	0.01	27	0.04	4.4	4.36	3	<2	38.9	<5	<0.01	<5	8	21	70
BS88-17	1.1	0.17	238	<5	21	<10	5.38	1	8	73	60.5	3.53	0.13	2.36	926	6	0.01	26	0.03	8.8	1.88	7	<2	92.4	<5	<0.01	<5	19	64	52

PIONEER LABORATORIES INC.

#103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5

TELEPHONE (604) 231-8165

SATURN MINERALS INC.

**G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E**

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al.

Analyst \_\_\_\_\_  
Report No.2082047  
Date: December 17, 2008

Project: BS-08  
Sample Type: Cores/Rocks

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm
BS81-41	17.5	.36	979	<5	9	54	2.12	2	69	44	728	24.74	.02	1.03	429	12	.01	44	.01	85	>10	10	<2	48	26	<0.01	<5	22	110
BS82-27	3.2	1.26	1771	<5	7	158	.39	4	52	48	222	25.94	.01	1.54	205	7	.01	27	.05	5	>10	7	<2	19	17	<0.01	<5	29	30
BS87-44	.9	2.80	314	<5	28	<10	1.93	<1	49	221	240	9.92	.06	4.63	551	3	.01	275	.03	12	7.49	5	<2	69	8	<0.01	<5	115	44

G E O C H E M I C A L     A N A L Y S I S     C E R T I F I C A T E

Au Analysis - 20 gram sample is digested with aqua regia, MIBK extracted,  
and is finished by AA or graphite furnace AA.

SATURN MINERALS INC.

Project: BS-08

Sample Type: Cores/Rocks

Analyst RSam

Report No. 2082046

Date: December 16, 2008

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SAMPLE	Au ppb
BS81-28	660
BS81-40	125
BS81-42	110
BS81-43	610
BS82-28	220
BS82-29	80
BS83-04	31
BS83-22	195
BS84-12	2080
BS84-20	670
BS84-22	520
BS85-16	325
BS85-17	220
BS85-20	345
BS86-30	260
BS86-35	240
BS86-36	395
BS86-40	720
BS87-25	320
BS87-46	68
BS87-59	89
BS88-10	320
BS88-14	46
BS88-19	350
MK81-11	10
MK81-36	22
MK82-33	80
MK82-35	23
MK82-43	19
MK83-14	540
MK83-16	1120
MK83-23	360
MK84-07	5
MK84-11	1

A S S A Y    C E R T I F I C A T E

Au Analysis by Fire Assay.

SATURN MINERALS INC.

Project: BS-08

Sample Type: Cores

Analyst R Sam

Report No. 2082081

Date: December 16, 2008

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SAMPLE	Au ppb
BS81-09	7415
BS81-20	1445
BS81-21	4279
BS81-29	725
BS81-41	8090
BS85-22	937
BS87-30	9820

APPENDIX 5

Quality Assurance/Control Program

### Beavis 2008 Project - Quality Control/Assurance Data

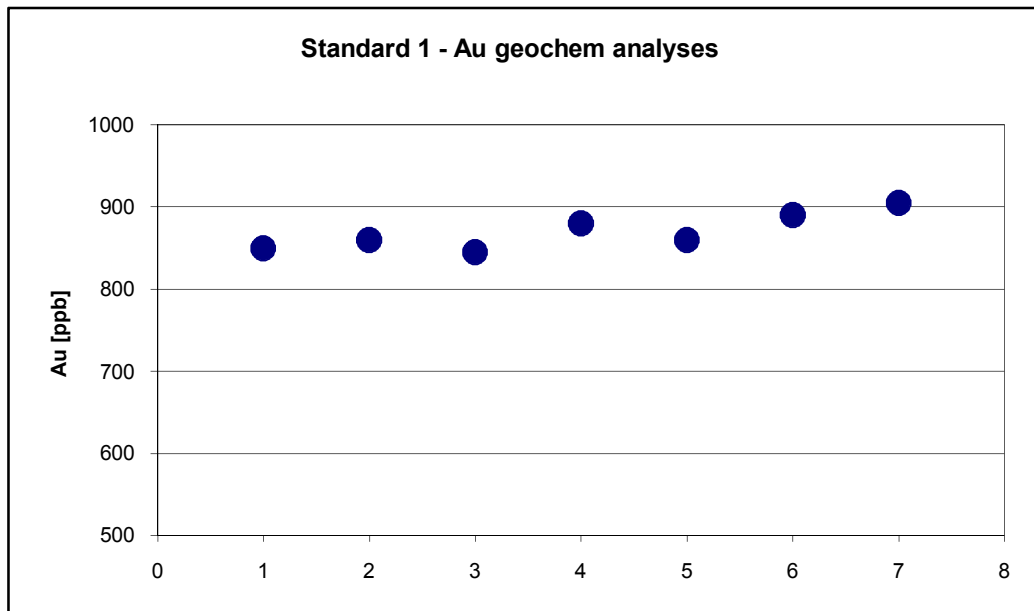
Two different commercially available standards have been applied to verify results of the lab analyses of core samples from the Beavis property. The standards were inserted randomly into the core sample sequence for the gold geochem analysis. The standards are characterized by the following certified gold values:

Standard 1	Standard 2
Au [g/t]	Au [g/t]
0.97	0.48
(+/-0.08)	(+/-0.034)

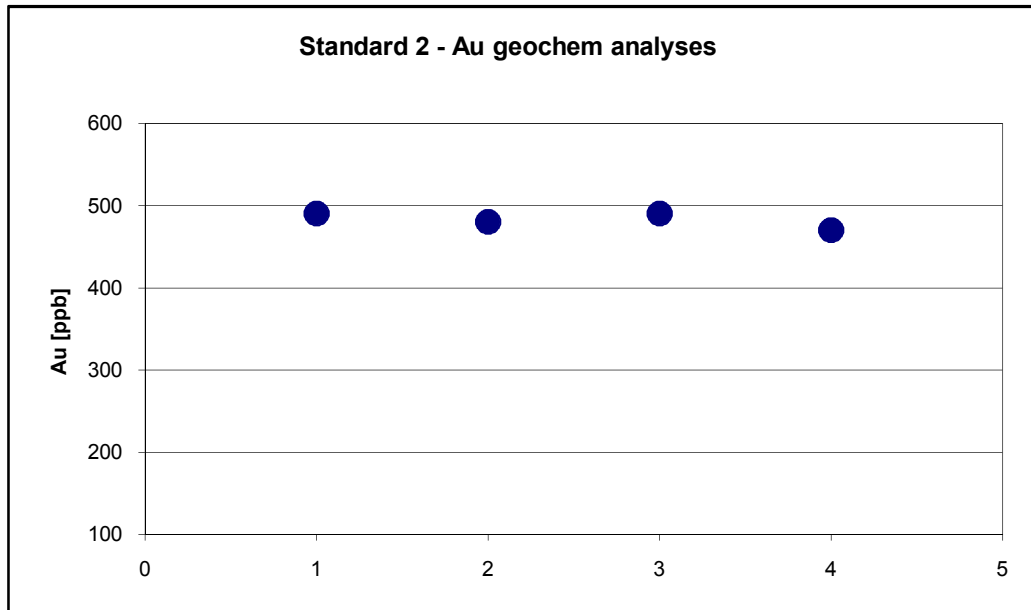
Analyses by Pioneer show relatively little scatter from the recommended values for gold and zinc (both elements assayed). The values for Cu, Pb and Ag are significantly lower than the values suggested by the standard but these values are coming from the ICP method. Some re-checks for Ag and Pb by assaying resulted in values very similar to the standard sample. ICP concentrations of these three elements show also little scatter. The complete results are presented in the following table and diagrams:

Sample	Standard 1
	Au ppb
BS81-07	850
BS81-46	860
BS82-09	845
BS83-14	880
BS84-11	860
BS86-11	890
BS87-38	905
<b>Average</b>	<b>870</b>
<b>St. dev.</b>	<b>22</b>

Sample	Standard 2
	Au ppb
BS85-08	490
BS86-44	480
BS87-08	490
BS88-06	470
<b>Average</b>	<b>483</b>
<b>St. dev.</b>	<b>10</b>







A field-collected sample of blank weakly weathered granodiorite was also inserted to the core sample sequence for ICP analysis by Pioneer. All the blank samples returned very low values of gold, silver, copper, lead and zinc. The following table represent the results of selected elements of the blank samples.

Sample	Ag	Cu	Pb	Zn	Au
	ppm	ppm	ppm	ppm	ppb
BS81-27	.2	4	<2	16	2
BS82-23	.2	3	<2	20	7
BS83-26	.3	3	<2	18	1
BS86-26	.1	2	<2	18	2
BS87-26	.5	2	<2	18	1

For several core samples Pioneer Laboratories run check analyses on the rejects. The following table and diagram present the results.

	First Analysis	Check Analysis
ELEMENT	Au	Au
SAMPLE	ppb	ppb
BS81-09	8560	7415
BS81-20	5020	1445
BS81-21	3210	4279
BS81-28	650	660
BS81-29	745	725
BS81-40	165	125
BS81-41	8910	8090
BS81-42	130	110
BS81-43	690	610
BS82-28	260	220
BS82-29	83	80
BS83-04	47	31
BS83-22	90	195
BS84-12	350	2080
BS84-20	520	670
BS84-22	580	520
BS85-16	345	325
BS85-17	215	220
BS85-20	290	345
BS85-22	820	937
BS86-30	220	260
BS86-35	185	240
BS86-36	405	395
BS86-40	610	720
BS87-25	380	320
BS87-30	14520	9820
BS87-46	57	68
BS87-59	90	89
BS88-10	380	320
BS88-14	51	46
BS88-19	225	350

