ASSESSMENT REPORT
ON
DIAMOND DRILLING 2008 PROGRAM AND COMPLEMENTARY ROCK SAMPLING, MCKEE CREEK PROPERTY NORTHWESTERN BRITISH COLUMBIA

Claims involved: 389070, 389772, 389773, 389774, 389775, 389776, 389777 and 565006

ATLIN MINING DIVISION

NTS 104N.043

Approximate coordinates of the centre of the property:

Latitude: 59°28'25"N; Longitude: 133°32'55"W
UTM: 659550N, 582250E (NAD83, Zone 8)

Owner: John Harvey, Vancouver

Operator: Saturn Minerals Inc., Vancouver

[SOW 4262494]

By

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

Submitted: April 28th, 2009

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ASSESSMENT REPORT ON DIAMOND DRILLING 2008 PROGRAM AND COMPLEMENTARY ROCK SAMPLING, MCKEE CREEK PROPERTY NORTHWESTERN BRITISH COLUMBIA BCGS 104N.043

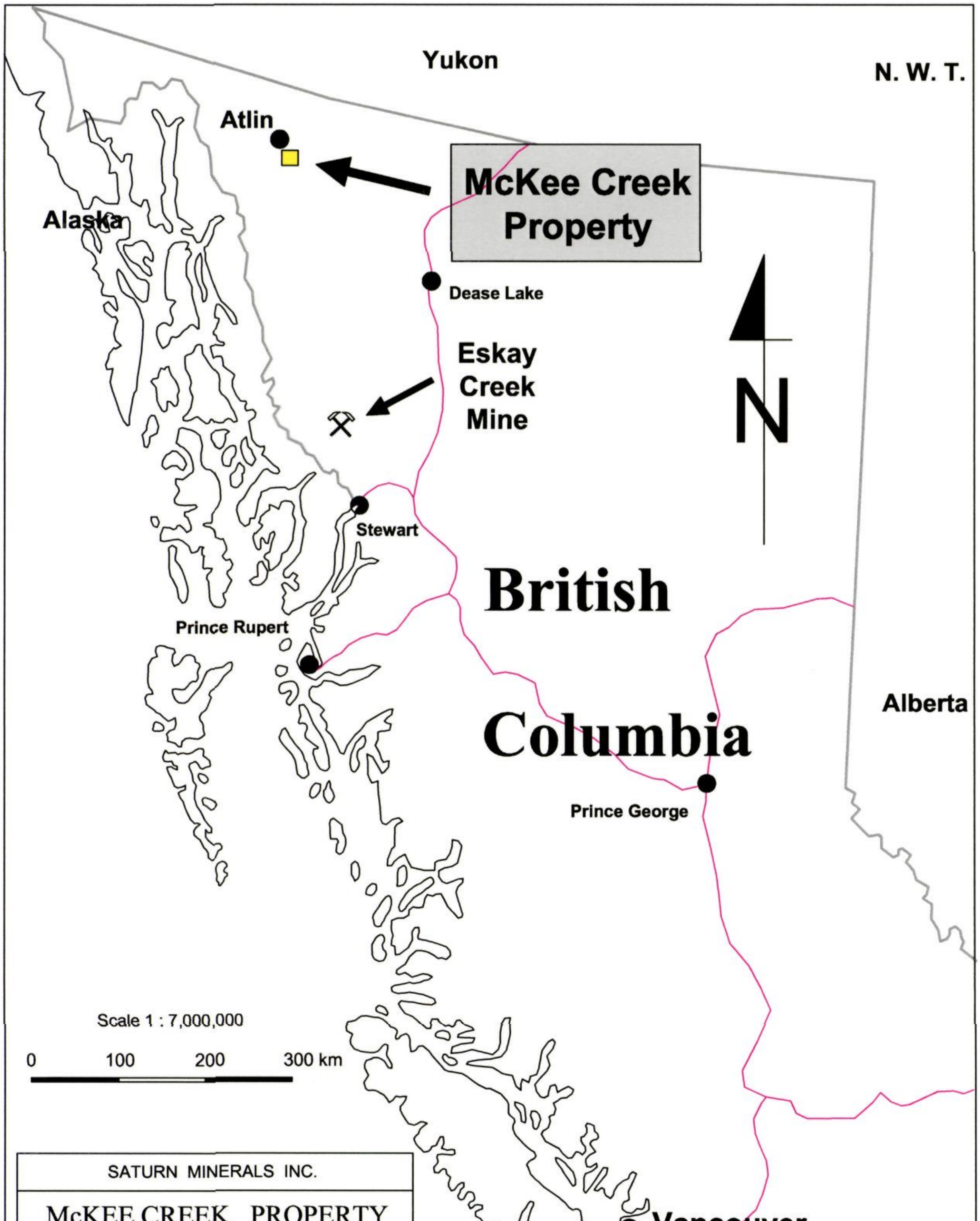
1. INTRODUCTION

The McKee Creek property is a lode-gold prospect located in the Atlin placer gold camp, in northwestern British Columbia (Fig. 1). McKee Creek is also one of the most important placer gold producing creeks in the Atlin camp with reported production of approximately 47, 000 ounces of gold. The claim group of the McKee property consists of eight contiguous mineral claims (Fig. 2) located along the middle part of McKee Creek and lower part of Eldorado Creek. The property is owned by John Harvey since December 2006, and held under option by Saturn Minerals Ltd. of Vancouver, British Columbia.

1.1 Location and Access

The McKee Creek property is located 14.5 kilometres southeast of the town of Atlin in northwestern British Columbia (Figs. 1 and 2). The claims cover the middle third of the McKee Creek valley and the lower portion of its left-bank tributary, Eldorado Creek. The property is centered approximately at latitude 59° 28.5' North and 133° 33' West on BCGS map sheet 104N.043. The property is approximately 499 hectares in area (some claims overlap each other).

Access to the property is provided by an all year maintained gravel road (5 km starting at Atlin is paved) from Atlin to O'Donnel River ("Warm Bay Road"). This road crosses McKee Creek over the bridge some 250 metres south-east of the property boundary. A rough, four-wheel-drive dirt road running along the steep north bank of the McKee Creek valley provides direct access to the central and northeastern parts of the property. Some seasonal gravel roads are maintained by placer miners and run along the bottom of the valley which is strongly modified by hydraulic mining. A walk-in trail along the southern bank of McKee Creek provides access to the upper reaches of Eldorado Creek.



SATURN MINERALS INC.		
McKEE CREEK PROPERTY Exploration Project 2008		
NTS Nos.: 104N 043		Atlin Mining Division
Location Map		
K. Mastalerz Consulting Geologist	Date: April 2009	Fig. 1

1.2 Physiography, Vegetation and Climate

The Atlin area is located on the Teslin Plateau, east of the Coast Mountains in northwestern British Columbia. The town of Atlin lies on the eastern shore of Atlin Lake at an elevation of 690-750 metres a.s.l. Topography of the area varies from moderately rugged to the east, to moderately diversified, including gently rolling hills with some depressions of small lakes, and rather narrow flats along Atlin Lake.

Most of the McKee property is located within the broad valleys of McKee and Eldorado Creeks, which have been shaped by both fluvial and glacial processes and are characterized by moderately diversified relief. McKee Creek is about 12 kilometres long and flows west and southwest into Atlin Lake. Elevations on the property range from 800 metres a.s.l. in its southwestern part, through approximately 900-1200 metres a.s.l. in its central and northern parts, and up to almost 1300 metres a.s.l. in its NW corner. The character of the McKee Creek valley changes from relatively deeply incised along its middle third to a broad saddle area in its upper portion and between drainages of McKee and Spruce Creeks, towards the northeast. Topography of the middle part of the McKee valley floor is very strongly modified by placer mining. Present day slopes of the middle part of the valley are extremely steep and undercut by hydraulic excavation for placer gold. Modern slope processes, especially slumps and slides, have considerably modified various parts of the valley floor and have mostly concealed outcrops of argillaceous rocks.

The tree line in the Atlin vicinity lies at approximately 1400 metres a.s.l. on north facing slopes, and at 1500 metres a.s.l. on southern slopes. The valley floors are forested with lodge-pole pine, black spruce, aspen, scrub birch and willow. Mountain alder grows locally near streams. Buckbrush covers the slopes above the tree line. The lower part of the McKee valley floor is not vegetated due to placer mining activity.

Daily summer temperatures near Atlin average 20-25°C at lower elevations and decline considerably at elevations exceeding 1500-1600 metres a.s.l. Areas directly surrounding Atlin Lake experience little to moderate precipitation during summer seasons. Onset of winter is frequently preceded by relatively short periods of autumn weather conditions, with considerably lowered temperatures, cloudy skies and more frequent precipitation. Winter conditions are expected from the end of October to April with moderate snowfall and temperatures averaging -15°C to -25°C in January/February. A great part of the McKee valley floor experiences relatively strong winds.

1.3 Property Definition and Claim Information

The McKee property is located in the Atlin Mining Division and presently comprises eight mineral tenures totaling 499.34 hectares (Fig. 2). Seven of these tenures form the core of the property and are owned by Mr. J. Harvey of Vancouver (legacy claims). An additional claim (tenure 565006) was staked in summer, 2007 by Saturn Minerals to fill the gaps existing between legacy claims which formed the original property (compare: Mastalerz, 2007). Claim information is listed in Table 1.

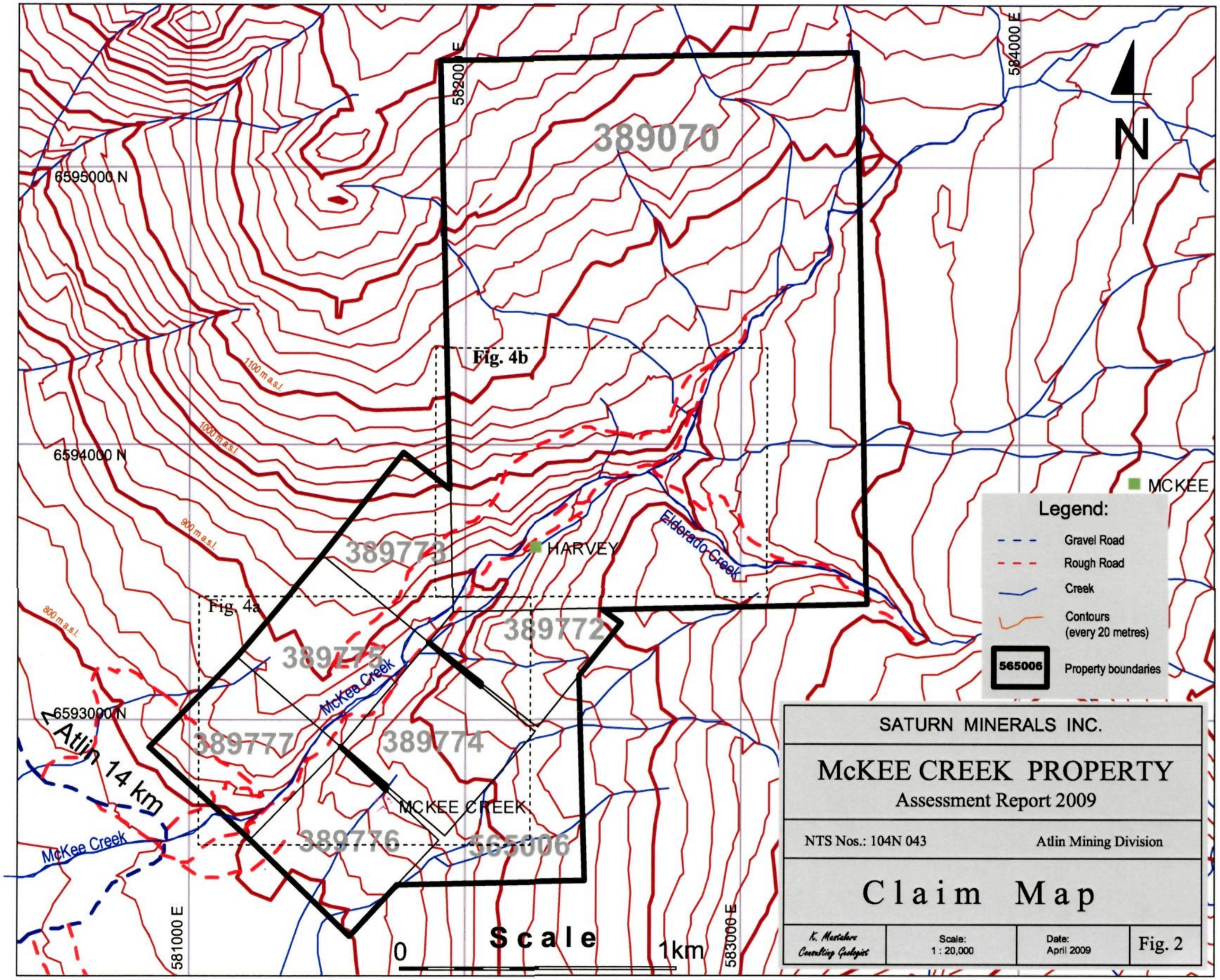

389070
389773
389772
389775
389777
389774
389776
565006
Fig. 4b
Fig. 4a
6595000 N
6594000 N
6593000 N
582000 E
584000 E
581000 E
583000 E
1100 m a.s.l.
1000 m a.s.l.
900 m a.s.l.
800 m a.s.l.
HARVEY
MCKEE
MCKEE CREEK
McKee Creek
Eldorado Creek
Atlin 14 km
N
Scale
0
1km
Legend:
Gravel Road
Rough Road
Creek
Contours
(every 20 metres)
565006
Property boundaries
SATURN MINERALS INC.
McKEE CREEK PROPERTY
Assessment Report 2009
NTS Nos.: 104N 043
Atlin Mining Division
Claim Map
K. Mastalerz
Consulting Geologist
Scale:
1 : 20,000
Date:
April 2009
Fig. 2

Table 1. Claim status of the McKee Creek property, Atlin Mining Division, NTS 104N.043

Claim Name	Tenure Number	Area	Good To Date
MOTHER LODE	389070	300.0	2013/mar/31
ANITA-1	389772	25.0	2013/mar/31
ANITA-2	389773	25.0	2013/mar/31
ANITA-3	389774	25.0	2013/mar/31
ANITA-4	389775	25.0	2013/mar/31
ANITA-5	389776	25.0	2013/mar/31
ANITA-6	389777	25.0	2013/mar/31
MCKEE ADDITION	565006	49.339	2013/mar/31

In late 2006 Saturn Minerals Inc. of Vancouver, BC, optioned the property and became the operator. Work done by Saturn in summer 2008 was conducted on the following claims: 389070, 389772, 389774, 389775 and 389777. Expiry dates listed above are contingent upon acceptance of this assessment report, according to event 4262494 filed on February 05th, 2008.

1.4 History

Placer gold near Atlin was first discovered in 1897 by Fritz Miller on Pine Creek. By the end of 1989 more than 3000 people camped in the Atlin area. The most important placer gold production came from 8 creeks – Spruce, Pine, Birch, Boulder, Ruby, Otter, Wright and McKee. Hydraulic mining on McKee Creek began in 1903. Some underground work in the course of exploration and mining for placer gold was completed here in the mid 1930's. From 1898 through 1945, approximately 1,369,123 grams of gold were recovered from McKee Creek making it the 5th largest gold producer in the Atlin Camp (Holland, 1950).

Gold-bearing quartz veins were first discovered in the Atlin area in 1899. Soon after, most of the recently known hard-rock showings, namely: Pictou, Anaconda, Beavis and Golden View were discovered. 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 developed in serpenitites and ultramafic rocks (Gonzalez and Dandy, 1987). In 1986, Homestake acquired the Yellowjacket property on the 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).

The first gold-bearing vein zone on McKee Creek was discovered in 1940 by placer miners while driving an adit to the northwestern valley wall (White, 1941; Carter, 1983). Cominco examined the showing and optioned the ground in 1941. A sampling program resulted in gold values ranging up to 0.36 opt. In 1983, Standard Gold Mines Ltd. announced additional gold vein discovery located approximately six kilometers northeast of the confluence of McKee and Eldorado Creeks (Gonzalez & Dandy, 1987) in a similar geological setting to McKee Creek. However, several exploration programs conducted in 1980's failed to identify a gold system in bedrock on the McKee Creek property (e.g. Wong and Troup, 1983; Gonzalez and Dandy, 1987).

In summer 2007, Saturn Minerals completed a rock sampling program which was accompanied by detailed lithological and structural observations on the McKee property. The program of rock sampling resulted in 122 samples which have been ICP analyzed for 30 elements and partly fire assayed. Saturn's 2007 exploration program resulted in the discovery of gold in bedrock on the property (Mastalerz, 2007). Sites containing gold are situated in three distinct areas on the property. In all of these areas gold occurs in association with quartz veins which cut through and run roughly parallel to the distinct zones of shearing and/or tectonic brecciation. Both quartz veins and wall rocks contain some (0.5-2%) of disseminated and/or coarse-crystalline pyrite. Wall rocks are characterized by listwanite alteration (including variable amount of mariposite) and silicification. All discoveries are located at the valley bottom, along main channel of McKee Creek, in a wide, complex zone of strong tectonic deformation. Background rocks of the property are characterized by low to very low contents of precious, base metals and other elements indicative of active hydrothermal systems. Some other, immobile elements, such as nickel and chromium, display relatively high concentrations in this area.

1.5 Summary of the Saturn 2008 Exploration Programs

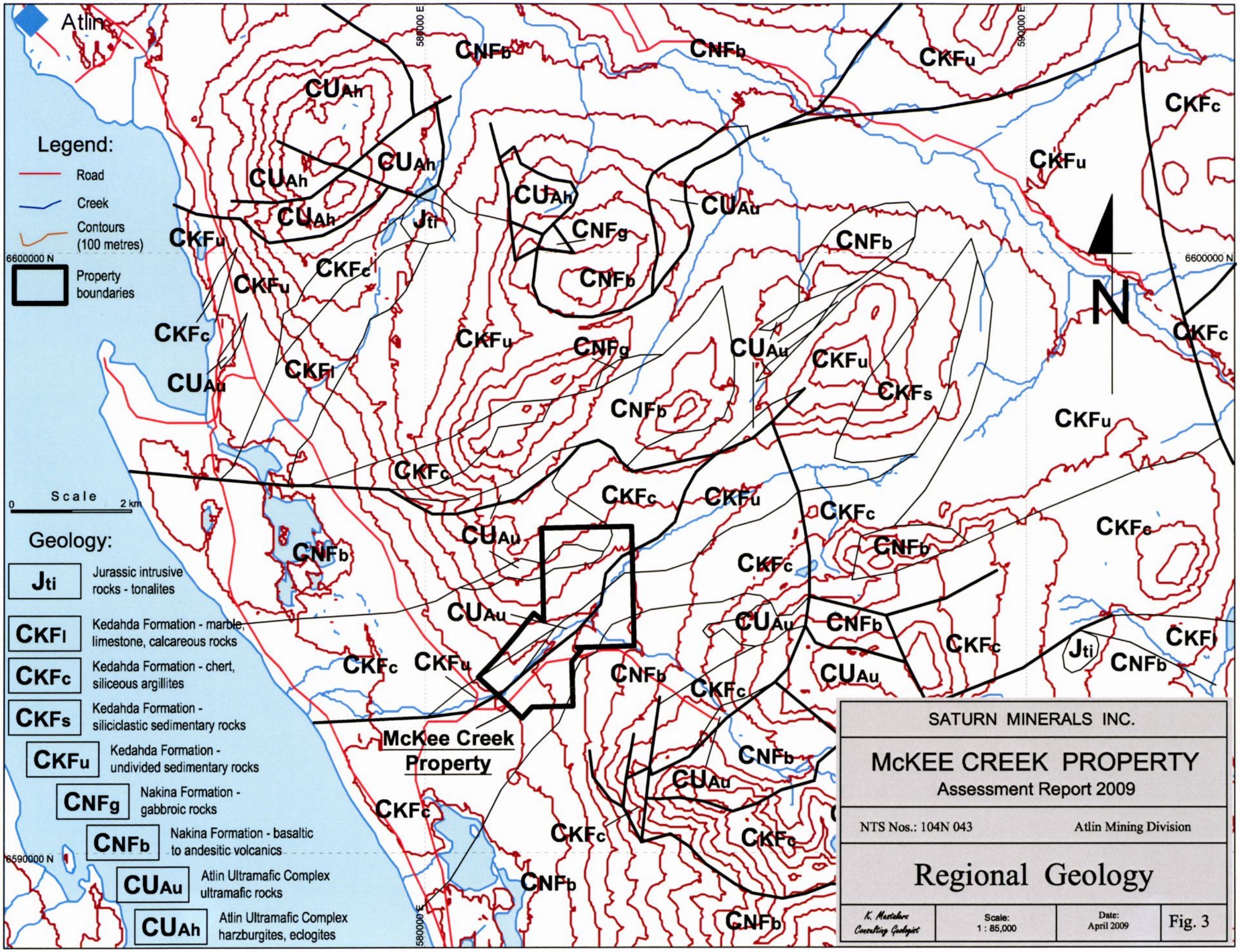
In 2008 Saturn conducted a complementary rock sampling program on the McKee Creek property. During the late spring a limited number (30 samples) of chip and grab samples were collected from the areas previously sampled in 2007 and known to contain gold in bedrock, as well as from selected adjoining, freshly exposed areas. This set of samples was designed to check if similar results could be reproduced from the same outcrops and to provide additional, complementary data. The other set of samples (24 samples) was collected in summer, before onset of the drilling program. This set was designed to test three distinct areas of an advanced listwanite alteration, which were not sampled satisfactorily during the 2007 field season.

Four diamond drill holes totaling 694.03 metres (2,277 feet) were drilled from 4 pads to test a few selected gold targets located during the Company's 2007 reconnaissance rock sampling program. A total of 171 core samples were collected and shipped 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. The core samples were designed to test lithological and mineralogical variability of the host rocks and mineralized.

2. TECHNICAL DATA AND INTERPRETATION

2.1 Regional Geology

The Atlin area is situated in the western portion of the Atlin sub-terrane in northwestern British Columbia. This terrane comprises a package of detached and tectonically deformed remnants of the Late Paleozoic to Late Triassic Tethyan ocean crust and ocean floor deposits. Its allochtonous



Atlin
Legend:
Road
Creek
Contours (100 metres)
Property boundaries
Scale
0
2 km
Geology:
Jti Jurassic intrusive rocks - tonalites
CKFl Kedahda Formation - marble, limestone, calcareous rocks
CKFc Kedahda Formation - chert, siliceous argillites
CKFs Kedahda Formation - siliciclastic sedimentary rocks
CKFu Kedahda Formation - undivided sedimentary rocks
CNFg Nakina Formation - gabbroic rocks
CNFb Nakina Formation - basaltic to andesitic volcanics
CUAu Atlin Ultramafic Complex ultramafic rocks
CUAh Atlin Ultramafic Complex harzburgites, eclogites
580000 E
590000 E
6600000 N
6590000 N
N
McKee Creek Property
SATURN MINERALS INC.
McKEE CREEK PROPERTY
Assessment Report 2009
NTS Nos.: 104N 043
Atlin Mining Division
Regional Geology
K. Mastalerz Consulting Geologist
Scale: 1 : 85,000
Date: April 2009
Fig. 3

origin is proven by exotic fauna of the fusulinind foraminifers and conodonts (Monger 1975). The Atlin sub-terrane represents the northern extension of the Cache Creek Terrane which is interpreted as a subduction ophiolitic complex related to the long lasting ocean crust evolution, volcanic arc development of the Quesnellia and Stikinia, ocean closure, and finally, the Middle Jurassic terrane accretion and localized ocean crust obduction (Monger et al., 1982; see also: Ash, 1994, Ash & Arksey 1990b, c).

The western part of the Cache Creek terrane is highly tectonically disrupted and most units are bounded by faults. Common are mixtures of various lithologies in a form of tectonic mélanges and/or coarse, polymictic, tectonic breccias. The western boundary of the terrane coincides with the Nahlin Fault where the terrane contacts with tectonically deformed strata of the Lower Jurassic Laberge Group. Cache Creek terrane is dominated by basic volcanics and carbonate rocks, but includes also slivers of ultramafics, chert, argillite and coarse clastic rocks of volcanic arc affinity.

Ultramafic bodies known elsewhere as the "Atlin intrusions" and interpreted before as younger intrusions (Aitken, 1959) do not show thermal contacts and have to be considered as Alpine type ultramafics. Such bodies resulted from serpentinite-peridotite diapirism within orogenic belts, due to extremely ductile-type reology/ behavior of these rocks under conditions of extremely high pressure and elevated temperature. Small-scale plugs of tonalite and of related intrusive rocks occur in places, some of them accompanied by molybdenite mineralization.

The lithostratigraphy of the Cache Creek terrane near Atlin is still only simplified in spite of several attempts at its 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 volcaniclastics are put together into the Nakina Formation, while sedimentary end-members, predominantly chert and argillites, are classified into the Kedahda Formation. However, original, depositional and facies contacts between individual litologies of these two lithostratigraphic units are generally unknown since they form rather consistently individualized tectonic units.

Structural geology is dominated by effects of strong deformation related to development of an accretionary prism and overthrusting of detached units one upon another.

2.2 Property Geology

Bedrock of the predominant part of the McKee property is concealed under a relatively thick layer of loose Quaternary and minor, probably Tertiary, deposits (e.g. Gunn, 1977, Walcott, 1985, Mark 1986). These deposits include alluvial channel gravels, gravelly-to-pebbly sands, minor silts and silty clays, and finally glacial till layers. Extensive exposures of these sediments can be observed along the steep banks of the middle portion of the McKee Creek valley. Seismic surveys and drilling operations conducted so far on the property show that both McKee and Eldorado Creek paleovalleys (pre-Quaternary) are locally very deeply incised. Further downstream, south-west of the bridge on McKee Creek, where the creek reaches its upper alluvial fan-deltaic segment, the thickness of loose deposits still reaches 20-30 metres (Kierans, 1984).

Bedrock outcrops account for a very small fraction of the property area, probably less than 5-8% of its total area. Very long but narrow exposures occur along the present day active channels of McKee and Eldorado Creeks. There are still few small-scale outcrops along some of the abandoned and cut-off channels, and several high, cliffy outcrops located along the steep walls of both valleys.

The property is underlain by dark-gray to gray cherts, minor dark-gray argillites, locally siliceous, and subordinately by other siliciclastic rocks of the Kedahda Formation (Mississippian to Triassic), greenstones, meta-andesites and meta-basalts of the Nakina Formation (Late Paleozoic), and ultramafic rocks of the Atlin Ultramafic Allochton (Ash and Arksey, 1990a). All of these rocks are classified as end members of the Cache Creek Group (Cache Creek terrane; Terry, 1977, Ash and Arksey, 1990).

Cherts and argillites of the Kedahda Formation sometimes display moderately well preserved bedding and/or laminations but they invariably show evidence of a strong tectonic deformation. The property is situated in a broad compressional tectonic belt related to terrane accretion and thrust faulting, and the bedrock shows numerous effects of tectonic deformation. Strong fracturing of the rock, with common development of fracture cleavage and variable attitudes of the original bedding are the most common evidence of tectonic deformation. Numerous fault zones are overprinted by listwanite alteration and frequently accompanied by strongly brecciated protolith rocks. Quartz and carbonate veins of variable widths, sometimes forming sheeted and stockwork-type vein systems, frequently accompany the latter zones.

The listwanite alteration assemblage results from the progressive hydrothermal alteration of ultramafic and adjoining rocks, and includes serpentinization, carbonatization, development of talcose rocks and quartz veining. The zones of the most advanced alteration are characterized by profound carbonate replacement with characteristic systems of magnesite veins, development of talc, the presence of mariposite (a green chrome mica), and a limited pyrite-arsenopyrite mineralization.

The McKee Creek valley is believed to follow a prominent NE-SW trending tectonic zone (McKee Creek Fault Zone) of a second-order thrust fault (or inverse fault) character (Fig 3). There occur locally slivers of strongly serpentinized ultramafics and strong carbonate replacements follows this zone. It expresses its deeply altered character as a broad belt of very low magnetic suspectibility (Gonzalez, 1985). Some smaller, NE-SW elongated magnetic elements, as well as northeast trending VLF-EM conductors were discovered in course of geophysical surveys conducted previously in this area (Gonzalez 1984).

2.3 Mineralization types

The McKee Creek 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 and quartz-vein molybdenym deposits and showings which are most probably related to the 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 19th century (Holland, 1950).

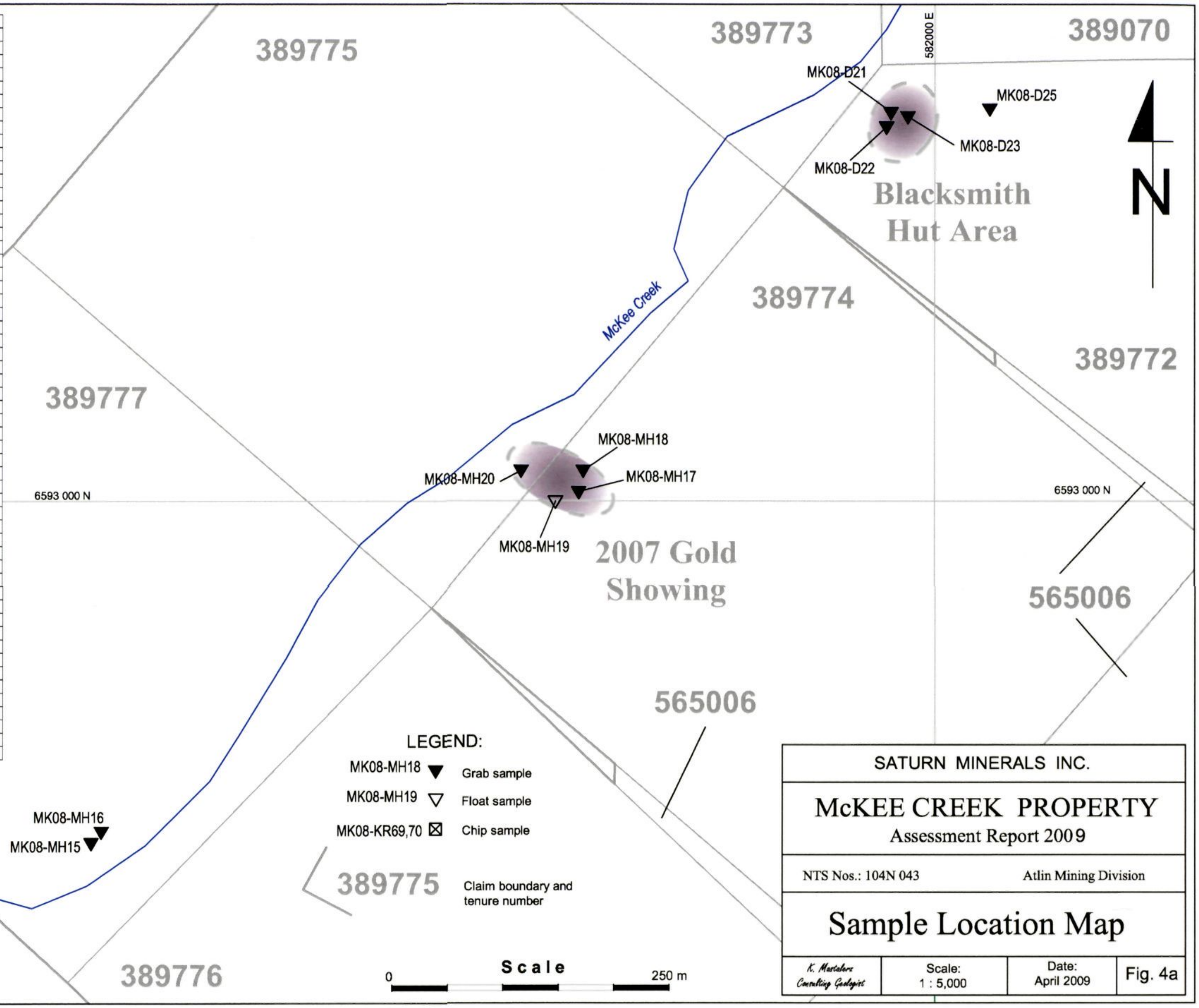
The McKee Creek property is know the best from its placer gold deposit (MTO showing 104 035; Fig. 2) – with almost 50 thousand ounces of gold recovered and reported, the creek is the 5th largest gold producer in the Atlin Camp (Holland, 1950). The property also hosts an MTO bedrock showing (104N 117 – Harvey Showing; Fig. 2) which is located in the central part of the property, just below the confluence of McKee and Eldorado creeks. The mineralization was reported to consist of disseminated pyrite and arsenopyrite, and minor galena and chalcopyrite, which were associated with quartz vein stockwork. It was hosted in a 25-metre wide zone of pervasive carbonate alteration and intense weathering. Abundant blueish-green mariposite (listwanite alteration) was reported to accompany the mineralization zone. A parallel zone was reported to run approximately 150 metres northeast of the first one. Chip samples taken from both zones did not contain significant gold values.

2.4 Saturn's 2007 discovery of gold in bedrock

During the summer field season in 2007 Saturn personnel collected 122 rock samples on the McKee property (Mastalerz, 2007). The program resulted in the discovery of gold in bedrock in three distinct areas on the McKee property. Selected grab samples returned gold values from a few hundreds ppb's to 7.73 gpt. Gold occurs in association with quartz veins which cut through and run roughly parallel to the distinct zones of shearing or tectonic brecciation. Both quartz veins and wall rocks contain some (0.5-2%) of disseminated and/or coarse-crystalline, cubed pyrite. Wall rocks are characterized by localized listwanite alteration and silicification, and include variable amount of mariposite. All discoveries are located at the valley bottom, along main channel of McKee Creek, in a wide, complex zone of strong tectonic deformation (McKee Creek Fault Zone).

The first gold discovered during the Saturn's 2007 program is located approximately 150 metres NE from the confluence of Eldorado Creek to McKee Creek (Mastalerz, 2007 - Fig. 4a). A subordinate zone of carbonate-listwanite alteration and subparralel quartz-carbonate veins here follow a complex shearing/brecciation zone which strikes from WNW to ESE, and display variable, steep to moderate dips, toward the NE. There occur blocks of cherty tuffaceous sediments and chert nearby, but on a large-scale the host rock has to be classified as a tectonic mélange which also contains fragments of strongly altered mafic to ultramafic rock. Sample MK07-KR27 taken here from a strongly fractured quartz-carbonate vein with some accompanied wall rock of listwanized cherty sediment returned 2.96 gpt gold. Chip samples taken from the strongly carbonatized, tectonic breccia at the footwall of the vein also returned elevated values of gold. The zone is characterized by an abundance of mariposite and 1-2% of disseminated and cubed, locally coarse-crystalline, pyrite. Several other samples taken nearby in similar geological settings, but

Sample Label	Au ppb
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
MK08-MH04	33
MK08-MH05	<1
MK08-MH06	**83**
MK08-MH07	4
MK08-MH08	9
MK08-MH09	6
MK08-MH10	4
MK08-MH11	8
MK08-MH12	6
MK08-MH13	**278**
MK08-MH13A	**220**
MK08-MH14	5
MK08-MH15	1
MK08-MH16	3
MK08-MH17	**108**
MK08-MH18	2
MK08-MH19	3
MK08-MH20	7
MK08-D1	3
MK08-D2	4
MK-8-D3	12
MK08-D4	10
MK08-D21	10
MK08-D22	9
MK08-D23	5
MK08-D25	7
MK08-D31	21
MK08-D32	2
MK08-D33	1
MK08-D34	8
MK08-D35	6
MK08-D36	20
MK08-D37	14
MK08-D38	18
MKK8-01	17
MKK8-02	20
MKK8-02A	2
MKK8-03	1
MKK8-03A	1
MKK8-03B	6
MKK8-04	**295**
MKK8-11	4



especially in a wide zone of tectonic breccia strongly overprinted by listwanite alteration, along the lowermost part of Eldorado Creek, have returned from 43 to 666 ppb of gold.

The northeastermost gold discovery is located approximately 600-650 metres NE from the confluence of Eldorado McKee Creeks. Quartz veins carrying gold are hosted in a SW-NE striking, steeply dipping secondary shear zone. The veins attain a few centimeters in widths and run parallel to the shear zone. The zone cut through black cherty sediments and tuffaceous sediments. The host rock displays locally relatively strong silicification. Incipient mariposite occurs along and near the walls of the veins. Quartz veins, as well as the immediate wall rock, contain some 1-2% of disseminated to cubed pyrite. Three samples (MK07-KR46, 47 and 48) returned elevated gold values, including 7.73 gpt Au in MK05-KR47. The latter sample displays additionally distinctly elevated values of silver (48.4 ppm) and copper (442 ppm). This group of samples is also characterized by elevated contents of antimony and slightly elevated arsenic.

The third site is situated some 1300 metres downstream from the confluence of Eldorado and McKee Creeks, on tenure 389774 (Mastalerz, 2007; Fig 4b). The area is underlain by a variety of lithologies including tuffaceous sediments, chert and fragmental metavolcanics, which host irregular diorite intrusion(?). Bedrock shows abundant evidence of strong tectonic deformation, including fracture cleavage, brecciation and shearing, and is frequently overprinted by listwanite alteration with locally abundant mariposite. Shear zones strike predominantly from WNW-ESE to WSW-ENE and their dips vary widely from moderate northward to moderate southward. Quartz veins display variable attitudes but commonly run parallel to shear and/or fracture zones. Sample MK07-KR98Q, taken there from a set of thin parallel quartz veins, returned 1.74 gpt gold. Several other samples taken nearby from quartz veins and tectonic breccias showing listwanite alteration, have returned slightly elevated values of gold. Sample MK07-KR97M taken from meta-andesite to metabasalt with some pyrite following fractures, returned 180 ppb gold. Several samples from this area returned distinctly elevated (110-681 ppm) copper.

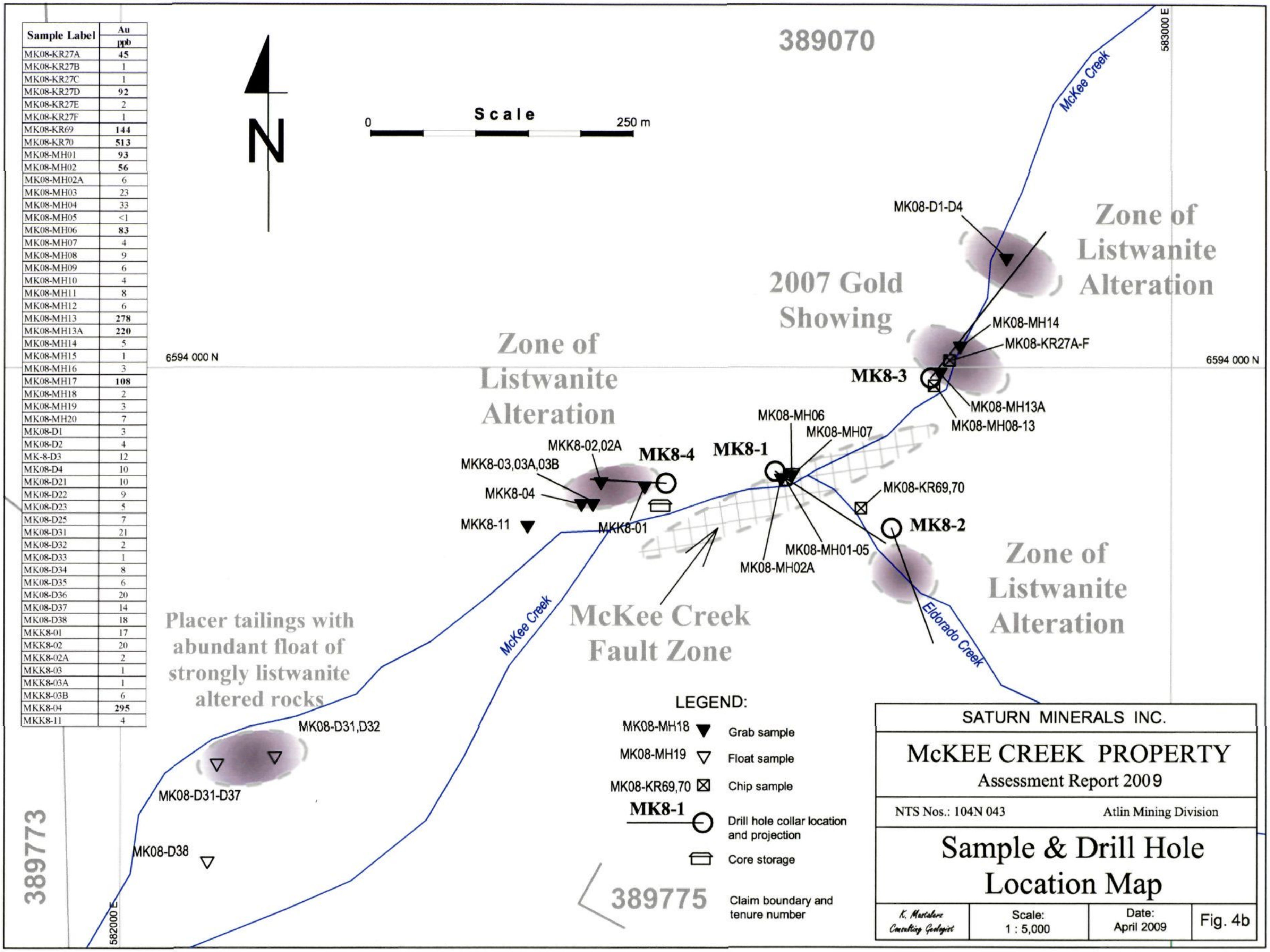
As a consequence of the discovery of gold in bedrock on the property an exploration-scale drilling program was recommended (Mastalerz, 2007) to test a few carefully selected targets.

2.5 Complementary Rock Sampling Program

In 2008 Saturn conducted a complementary rock sampling program on the McKee property. During the late spring a limited number (30 samples) of chip and minor grab samples were collected from the areas previously sampled in 2007 and known to contain gold in bedrock, as well as from selected adjoining, freshly exposed areas. This set of samples was designed to check if similar results could be reproduced from the same outcrops and to provide additional, complementary data.

The complete set of sample descriptions and corresponding analytical geochemical results from the sampling program are presented in Appendices 1 and 2, respectively. Appendix 1 provides UTM coordinates of the sample locations. Sample locations are also shown on maps (Figs. 4a and 4b). The most significant results of the 2008 rock sampling are shown in the table below:

Sample Label	Au ppb
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
MK08-MH04	33
MK08-MH05	<1
MK08-MH06	**83**
MK08-MH07	4
MK08-MH08	9
MK08-MH09	6
MK08-MH10	4
MK08-MH11	8
MK08-MH12	6
MK08-MH13	**278**
MK08-MH13A	**220**
MK08-MH14	5
MK08-MH15	1
MK08-MH16	3
MK08-MH17	**108**
MK08-MH18	2
MK08-MH19	3
MK08-MH20	7
MK08-D1	3
MK08-D2	4
MK-8-D3	12
MK08-D4	10
MK08-D21	10
MK08-D22	9
MK08-D23	5
MK08-D25	7
MK08-D31	21
MK08-D32	2
MK08-D33	1
MK08-D34	8
MK08-D35	6
MK08-D36	20
MK08-D37	14
MK08-D38	18
MKK8-01	17
MKK8-02	20
MKK8-02A	2
MKK8-03	1
MKK8-03A	1
MKK8-03B	6
MKK8-04	**295**
MKK8-11	4



SATURN MINERALS INC.

McKEE CREEK PROPERTY
Assessment Report 2009

NTS Nos.: 104N 043 | Atlin Mining Division

Sample & Drill Hole Location Map

K. Mastalerz Consulting Geologist | Scale: 1 : 5,000 | Date: April 2009 | Fig. 4b

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

Rock Sample	Sample Type*	Gold (Au) ppb
MK08-KR27A	125	45
MK08-KR27D	85	92
MK08-KR69	100	144
MK08-KR70	230	513
MK08-MH01	300	93
MK08-MH02	300	56
MK08-MH06	G	83
MK08-MH13	250	278
MK08-MH13A	G	220
MK08-MH17	G	108
MKK8-04	G	295

*Sample types: G – grab, 130 – chip sample (length in cm)

Complementary sampling of the showing areas discovered in 2007 has returned significantly lower concentrations of gold as compared with 2007 results. From the area of the southwestern showing discovered in 2007, only one sample (MK-MH17; Fig. 4a, Appendices 1 and 2) returned significantly elevated gold value (108 ppb). In the showing area near the confluence of McKee and Eldorado creeks (comp. Mastalerz, 2007) only few samples did return elevated gold values with the best of 513 ppb of gold in sample MK08-KR70 (Fig. 4b, Appendices 1 and 2). Few of a series of 3-metre long chip samples collected along the McKee Creek bank, just downstream from the confluence, did display gold values from 33 to 93 ppb – this section was not sampled in 2007. Few samples collected from a freshly excavated placer pit in the southwestern part of the property did not return elevated gold values (Fig. 4a, Appendices 1 and 2).

The other set of samples (24 samples) was collected in summer, before onset of the drilling program. This set was designed to test three distinct areas of an advanced listwanite alteration, which were not sampled satisfactorily during the 2007 field season.

Few samples were taken from a subcrop of a very strongly listwanite altered and silicified protolith rock along McKee Creek approximately 300 metres upstream from the confluence with Eldorado Creek (Fig. 4b). A broad zone of a pervasive listwanite alteration accompanied by quartz veining and silicification was exposed here across the creek during the placer mining operations in early 1980's (J. Harvey; oral information). This zone was also drill-tested during 1986 exploration program (Gonzalez and Dandy, 1987) but the drill-hole location, orientation and core descriptions point to the conclusion that the zone was missed by the drill hole. This site was tested by two float samples during the Saturn's 2007 exploration program. The newly collected samples did not return significantly elevated gold values (Fig.4b, Appendices 1 and 2).

Several samples, representing variable products of an advanced listwanite alteration, were collected predominantly from tailings approximately 800-1000 metres downstream from the confluence of the Eldorado Creek (Fig. 4b). This area was also exposed by placer mining in early 1980 and was probably the thickest and probably the strongest listwanite alteration zone ever known in the area (J. Harvey, 2007; oral communication). This set of samples was complemented by some grab samples coming from the projected southern extension of this zone (so-called

"Blacksmith Hut" area; Fig. 4a), although the rocks do not display much evidence of listwanite alteration there. Some of these samples displayed very slightly elevated gold values; no significant concentrations of gold were discovered.

Several new samples came also from the freshly exposed (due to slump processes) section of a tectonic mélange which include serpentinites, greenstones, talcose rocks and tectonic breccias accompanied by quartz veins and mariposite (Fig. 4b). This section was not sampled during Saturn's 2007 exploration program. However, the sample MKK8-04 was the only one in this group, which returned significant concentrations of gold (295 ppb Au).

2.6 Results of the 2008 Drilling Program

Four diamond drill holes totaling 694.03 metres (2,277 feet) were drilled from 4 pads to test a few selected gold targets located during the Company's 2007 reconnaissance rock sampling program (Fig. 4b, Table 3). Diamond drilling services were provided by Kluane Drilling of Whitehorse, Yukon. The company used thin-wall NTW rods (core diameter 44 milimeters). Drilling started on August 31st and was terminated on September 11th. Few additional days were spent on core logging, marking sample intervals, splitting and/or cutting core, shipping core samples, preparing storage for the 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	UTM		Eleva -tion	Azimuth	Inclina-tion	TD	Target
Hole	Easting	Northing	[m a.s.l.]	[°]	[°]	[m]	
MK8-01	582624	6593901	973	122	-45	177.39	McKee Creek Fault Zone
MK8-02	582723	6593847	990	155	-45	164.59	Lower Eldorado listwante zone
MK8-03	582771	6593992	987	38	-45.2	249.94	Upper McKee Creek zones
MK8-04	582520	6593890	959	273	-45.3	102.11	Northwestern alteration zones

The core samples were designed to test lithological and mineralogical variability of the host rocks and mineralized zones. The samples were usually collected over intervals considerably shorter than 1.52 metres (Appendix 3 and 4). A total of 171 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 laboratory analyses is shown in Appendix 4.

Table 4. Summary of the diamond drilling results.

Drill Hole	From	To	Interval	Gold (Au)	Silver (Ag)	Listwanite Alteration (Remarks)
	m	m	m	ppb	ppm	
MK8-1	**55.63**	**63.70**	**8.07**	-	-	**Moderate-to-weak**
and:	**87.53**	**88.85**	**1.33**	-	-	**Weak**
and:	**88.95**	**90.50**	**1.55**	-	**17.4**	**Weak**
and:	**131.37**	**132.85**	**1.48**	-	**36.7**	Banded quartz-calcite veins
MK8-2	**50.29**	**56.39**	**6.10**	-	-	**Locally weak**
and:	**71.63**	**92.96**	**21.23**	-	-	**Locally weak**
MK8-3	**39.35**	**74.50**	**35.15**	-	-	**Alteration postulated from surface mapping – no continuation found at depth**
and:	**78.80**	**80.20**	**1.40**	**520**	-	-
and:	**85.57**	**86.65**	**1.08**	**550**	-	-
and:	**91.44**	**92.25**	**0.81**	**1130**	-	-
and:	**208.75**	**210.88**	**2.13**	-	-	**Weak**
and:	**222.45**	**227.20**	**4.75**	-	-	**Strong-to-moderate**
and:	**227.20**	**236.15**	**8.95**	-	-	**Moderate-to-weak**
MK8-4	**42.10**	**44.90**	**2.80**	-	-	**Moderate-to-weak**

Drill hole MK8-1 tested the McKee Creek Fault Zone at depth (Fig. 4b, 5). Drilling demonstrated that the fault zone continues at depth and consists of several wide intervals of strong rock brecciation, clay alteration and oxidation. The zone is apparently developed along the contact of metavolcanics (greenstones) at northwest and predominant chert at southeast. Several zones of quartz-carbonate veining, including some banded veins, locally associated by incipient mariposite were encountered to accompany the zone. However, the drill hole did not intersect any significant gold mineralization (Fig. 5, Appendix 4).

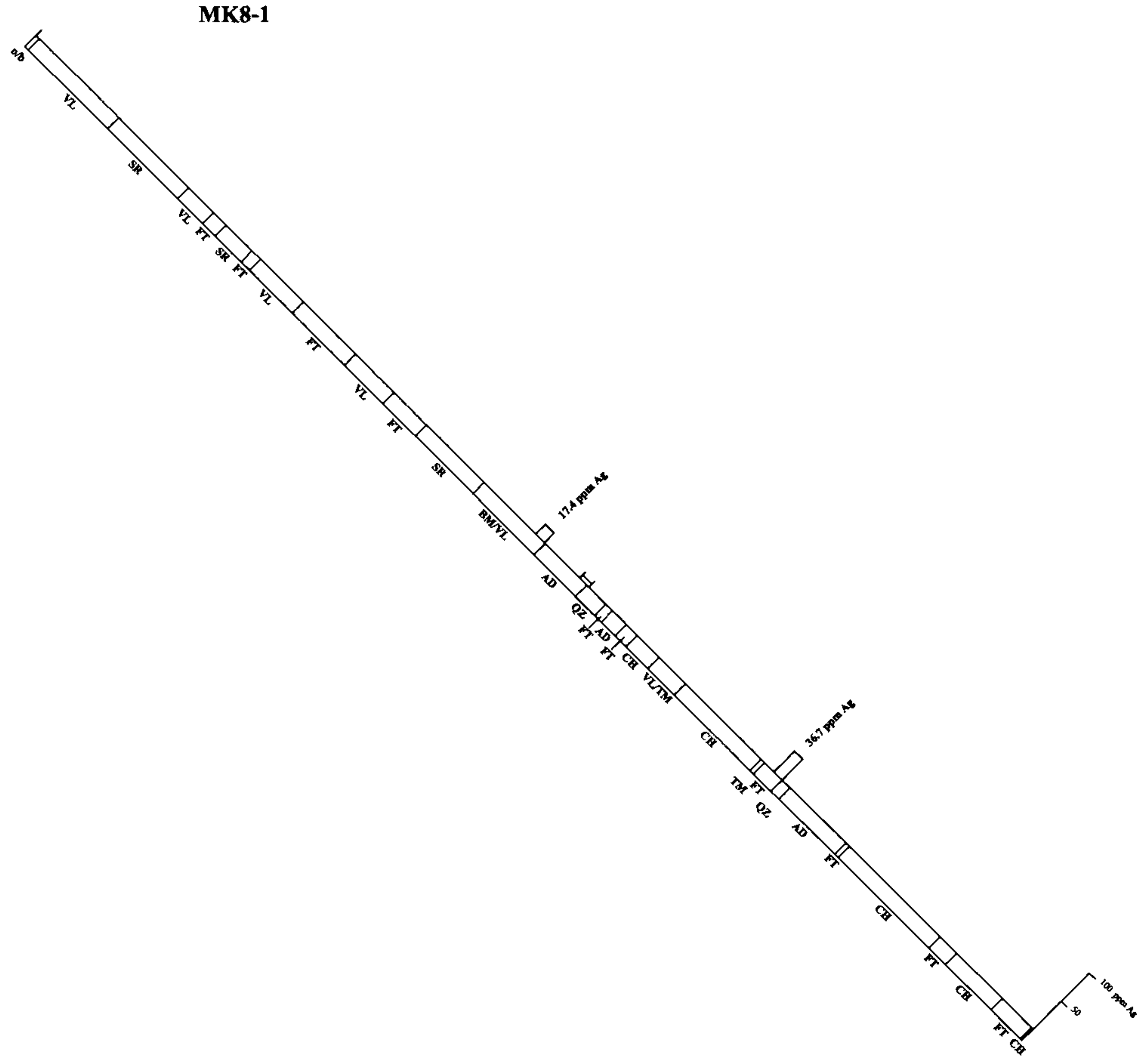
Drill hole MK8-2 was designed to test at depth a zone of strong listwanite alteration, which is locally accompanied by patches of mariposite at surface, along the lowermost interval of Eldorado Creek, just above its confluence with McKee Creek (Fig. 4b). Several rock samples collected in 2007 returned strongly elevated gold values in this area. The hole intersected a wide, complex zone of clay alteration and oxidation which obviously accompany another zone of tectonic/fault character. No significant gold mineralization was encountered (Fig. 6, Appendix 4).

Drill hole MK8-3 was designed to test two distinct targets (Fig. 4b). The listwanite altered zone of quartz veining/silicification with significant gold mineralization discovered in 2007 (Mastalerz, 2007) was planned to be intersected at shallow depth. This zone accompanies a tight, NNW-striking, steep fault. The second target, designed to be intersected at greater depth, was the previously described zone of strong listwanite alteration situated across McKee Creek approximately 300 metres upstream from its confluence with Eldorado Creek (J. Harvey 2007;

Looking Northeast

Azimuth 122°

MK8-1



LEGEND
Lithology

o/b	Overburden
VL	Metavolcanics (greenstone facies), undivided
AD	Andesite meta-volcanics, flow and/or fragmental
TF	Fine-grained tuff, commonly laminated or layered
TM	Black tuffaceous mudstone, usually massive
BM	Fragmental volcanics with black matrix of tuffaceous mudstone
MS	Meta-sediments, fine-grained, silty
CH	Chert and/or chert breccia
DF	Debris flow units, redeposited sediments and fragmental volcanics
SR	Serpentinite, serpentinized volcanics, and talcose rocks
UM	Ultramafic (+/- mafic) rocks
QZ	Quartz and/or carbonate veins, breccias, replacements
BX	Tectonic breccia, rarely cataclasite
FT	Fault zone, gouge, zone of shearing
MEL	Tectonic melange; slabs of variable litologies with tectonic contacts

0 SCALE 25 m

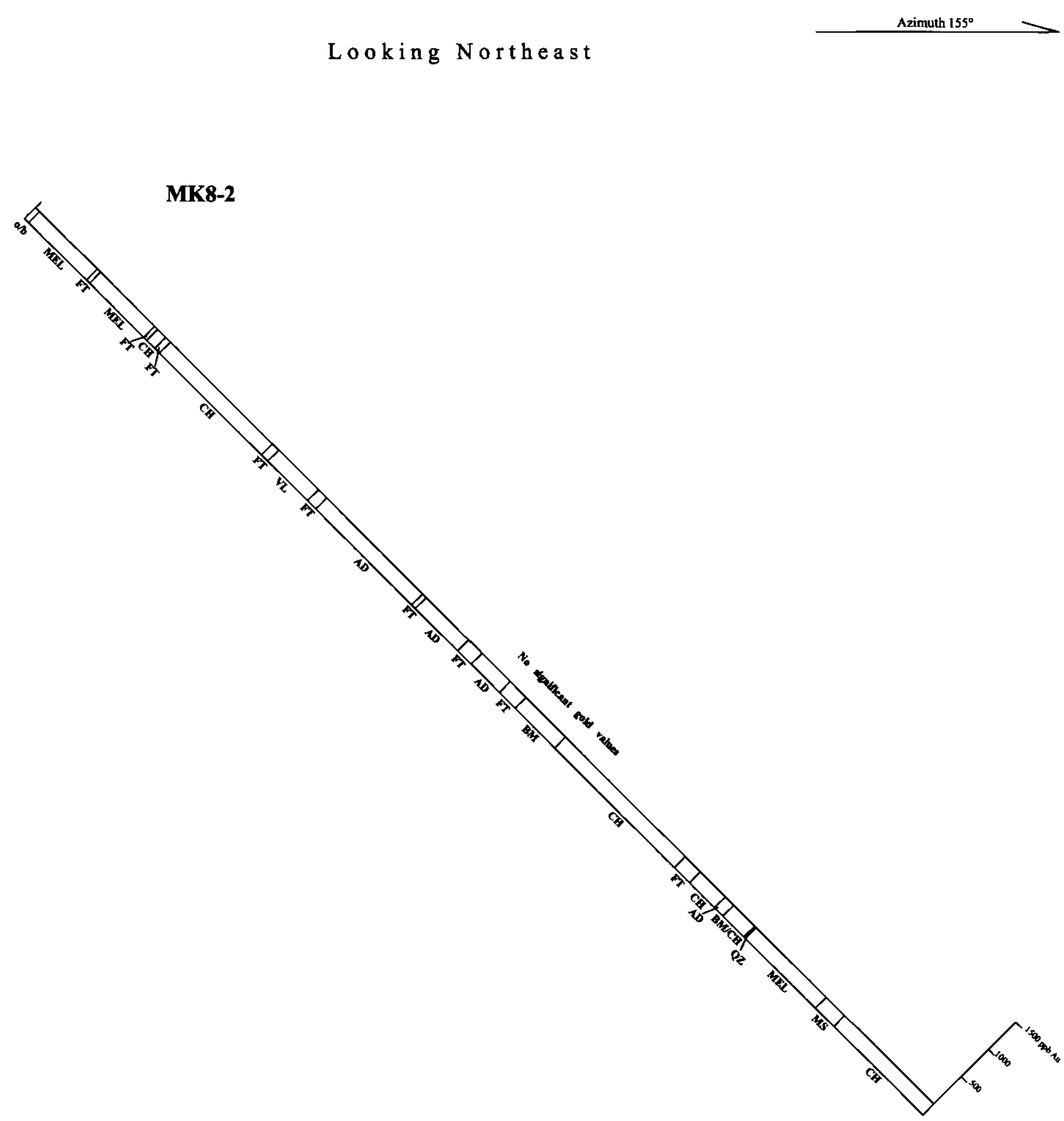
SATURN MINERALS INC.

McKee Creek Property
Assessment Report 2009

NTS Nos.: 104N.043 Atlin Mining Division

Drill Hole MK8-1
LITHOLOGY and SILVER (Ag) ASSAYS

K. Mastalerz Consulting Geologist	Scale: 1 : 750	Date: April 2009	Fig. 5



LEGEND
Lithology

o/b	Overburden
VL	Metavolcanics (greenstone facies), undivided
AD	Andesite meta-volcanics, flow and/or fragmental
TF	Fine-grained tuff, commonly laminated or layered
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MS	Meta-sediments, fine-grained, silty
CH	Chert and/or chert breccia
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MEL	Tectonic melange; slabs of variable litologies with tectonic contacts

0 SCALE 25 m

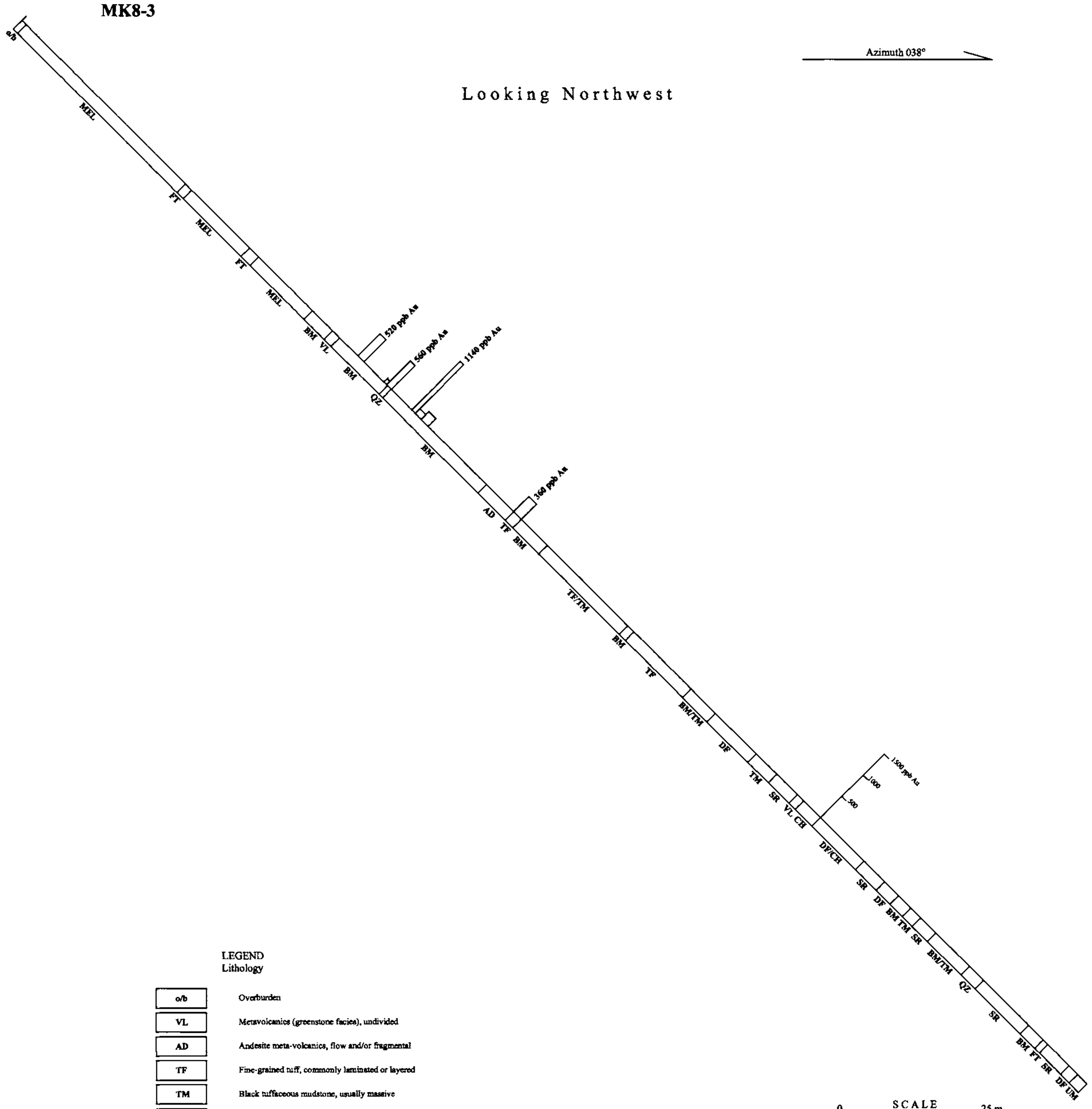
SATURN MINERALS INC.

McKee Creek Property
Assessment Report 2009

NTS Nos.: 104N.043 Atlin Mining Division

Drill Hole MK8-2
LITHOLOGY and GOLD (Au) ASSAYS

K. Mastalerz Consulting Geologist	Scale: 1 : 750	Date: April 2009	Fig. 6



LEGEND
Lithology

o/b	Overburden
VL	Metavolcanics (greenstone facies), undivided
AD	Andesite meta-volcanics, flow and/or fragmental
TF	Fine-grained tuff, commonly laminated or layered
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UM	Ultramafic (+/- mafic) rocks
QZ	Quartz and/or carbonate veins, breccias, replacements
BX	Tectonic breccia, rarely cataclasite
FT	Fault zone, gouge, zone of shearing
MEL	Tectonic melange; slabs of variable litologies with tectonic contacts

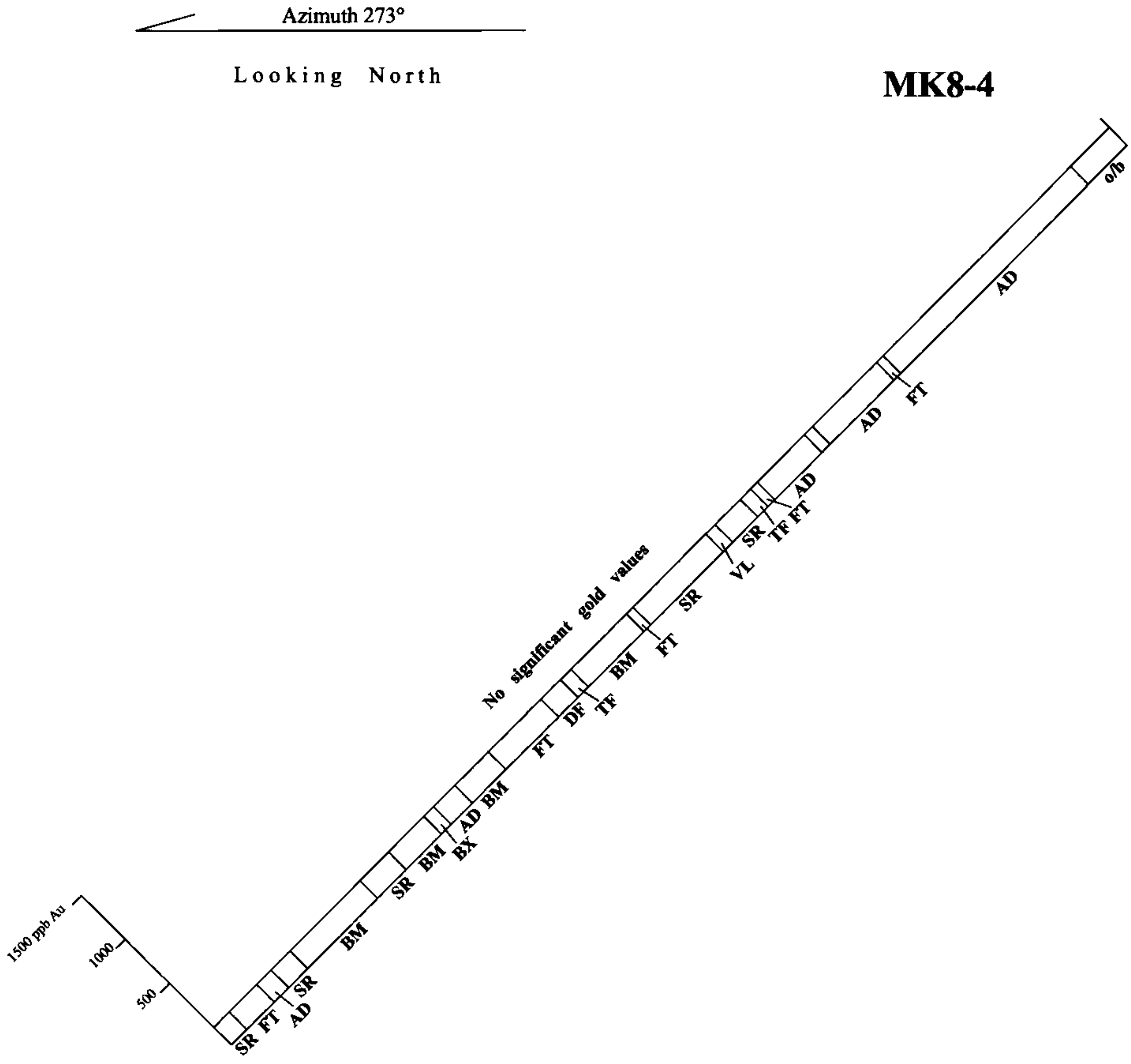
SATURN MINERALS INC.

McKee Creek Property
Assessment Report 2009

NTS Nos.: 104N.043 Atlin Mining Division

Drill Hole MK8-3
LITHOLOGY and GOLD (Au) ASSAYS

K. Mastalerz Consulting Geologist	Scale: 1 : 750	Date: April 2009	Fig. 7



for LEGEND - see Fig. 5

0 SCALE 25 m

SATURN MINERALS INC.			
McKee Creek Property Assessment Report 2009			
NTS Nos.: 104N.043	Atlin Mining Division		
Drill Hole MK8-4 LITHOLOGY and GOLD (Au) ASSAYS			
K. Mastalerz Consulting Geologist	Scale: 1 : 500	Date: April 2009	Fig. 8

oral communication). The hole successfully intersected both zones, although the grades and character of encountered gold mineralization were disappointing – the best intersected interval returned only 1.12gpt Au over 0.81 metre interval (Fig. 7, Appendix 4).

Drill hole MK8-4 tested at depth subordinate zones of listwanite alteration associated with the broad contact zone between metasedimentary/metavolcanic complex of rocks at southeast and serpentinites at northwest (Fig. 4b). This zone is accompanied by localized development of quartz veins and silicification at surface. The drill hole did not intersect significant gold mineralization (Fig. 8, Appendix 4).

Core recovery

The quality of the recovered core material varied considerably. Recovery was satisfactory for reliable assessment of mineralogical character and the expected grade of mineralization in many intervals. However, numerous intervals of tectonic zones, especially the ones characterized by strong brecciation, clay alteration and oxidation (the latter in spite of considerable depth!) display very low recovery. Numerous intersections through strongly fractured chert resulted in a very broken core material

2.7 Quality Control and Assurance Program

Sample preparation procedures used by Saturn personnel follow standard industry practice and professional guidelines. After the 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 send to the lab, while the second half was returned to the core box. The remnant core is stored on the property (Fig. 4b).

A limited 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 control. The results of the quality control were monitored by the author and found to fit satisfactorily within acceptable ranges. Appendix 5 summarizes the results of the quality control program.

3.0 CONCLUSIONS and RECOMMENDATIONS

Some of the most important lode-gold deposits are postulated to have been developed in compressional tectonic settings in association with large-scale bodies of mafic-ultramafic rocks (cf. Ash and Arksey 1990a, Ash, 2001). The association of high-grade gold veins with the zones of listwanite alteration of the ultramafic rocks was first identified by Russian geologists in the Ural Mountains, and since then it has been postulatd for several locations in western North America, including the famous Motherlode camp in California, and Cassiar, Bralorne and possibly Barkerville in British Columbia.

The McKee Creek property is locally underlain by various products of listwanite alteration of a complex of rocks of various compositions, including ultramafics. The listwanite assemblage results from the progressive hydrothermal alteration of ultramafic and adjoining rocks, and includes serpentinization, carbonatization and development of quartz veins. The zones of the most advanced alteration are characterized by profound carbonate replacement with characteristic systems of magnesite veins, development of talc, mariposite (a green chrome mica), and a limited pyrite-arsenopyrite mineralization. The processes of listwanite alteration develop especially well where pre-existing rock was strongly fractured and/or brecciated making easy passages for percolating CO2-rich brines (cf. Hansen et al., 2005). The precious metals, especially gold, are postulated to precipitate predominantly in quartz veins, during the final stage of the progressive listwanite alteration, in areas where solutions underwent effective buffering along distinct lithological contacts (cf. Ash, 2001; Hansen et al., 2005).

Saturn's 2007' gold discoveries in bedrock of the McKee Creek property are located along a prominent zone of strong tectonic brecciation and, most probably, displacement (McKee Creek Fault Zone). The zone is accompanied by localized effects of listwanite alteration and development of quartz and quartz-carbonate veins. The highest concentrations of gold were found in association with quartz and/or quartz-carbonate veins. Significantly elevated gold values have also been documented from the strongly brecciated and directly adjoining wall rocks which are overprinted by listwanite alteration.

Recent identification of gold-bearing quartz-veins in a listwanite setting on the McKee property (Mastalerz, 2007) made the property a promising lode-gold target. The 2008 drill program was designed to test at depth selected zones of known gold mineralization in bedrock. However, the results of both, the 2008 follow-up rock sampling program and exploration drilling program were rather disappointing. The results of the Company's drill program show that the targeted areas in the central part of the McKee Creek property do not carry significant gold mineralization.

The McKee Creek valley is an object of a vigorous action of erosional agents. Spring flood seasons frequently result in localized profound progress of erosion and frequent changes in water courses. Snow thawing also aids in slope processes activity. In few cases, a single-season action of erosional factors may result in a complete change in local exposure conditions. The gold-bearing quartz veins in listwanite zone which were exposed and discovered in 2007 in a McKee Creek channel some 150 metres upstream the confluence with Eldorado Creek (Mastalerz, 2007) have been almost completely eroded by the late spring 2008. The re-sampling resulted in significantly lowered gold values in this zone (Fig. 4b). The results of the follow-up rock sampling of the other zones were also fairly disappointing in spite of the fact that the sampling program was focused on the rocks which underwent various degrees of listwanite alteration (Fig. 4a, 4b, Appendices 1 and 2).

The results of the drilling program generally fail to prove an existence of a significant gold mineralization at depth in the zones known from the surface presence of gold-bearing mineralization in bedrock. Longer intervals of tectonic breccias intersected by drill holes host only subordinate quartz veins and rather limited effects of listwanite alteration. Core samples did not return significant gold values from these intervals and only slightly elevated gold values were encountered.

Evidence of gold mineralization in bedrock encountered during the recent exploration programs on the McKee Creek property is limited and weakens at depth (comp. Mastalerz, 2007). The results of the first unsuccessful diamond drill campaign on the property (Gonzalez and Dandy, 1987) seem to support this conclusion. The analytical laboratory results from both drilling programs and rock sampling campaigns on the property display overall strong depletion in precious metals (cf. Mastalerz 2007). Base metals and some elements indicative of active hydrothermal systems also show very low contents in bedrock. Numerous effects of the advanced listwanite alteration present on the property prove, in turn, an existence of the alteration system, which frequently resulted in economic gold mineralization in other areas. Additionally, some immobile elements, such as nickel and chromium, display on average relatively high concentrations on the property.

The results of the Saturn 2008 exploration program show a necessity of re-directing future exploration attempts on the property. An overall depletion in precious metals in bedrock on the property is interpreted here as a result of leaching in course of alteration/hydrothermal processes. The mobile elements were in great part removed from the fractured rocks exposed at the present-day level of the McKee Creek valley and transported into higher structural levels of an active alteration system. Precious metals, especially gold, are postulated to precipitate at higher elevations where hydrothermal solutions have been buffered by relatively impermeable, cap-rock formations. Such conditions might be provided by a relatively coherent slab of serpentinized ultramafics and associated volcanic rocks thrust-faulted over the strongly deformed (faulted, fractured, brecciated and folded) rock formations (tectonic mélange) of the present-day valley floor. A corresponding structural interpretation could be suggested by the results of geological mapping of the nearby area (Ash and Arksey, 1990 a, b, c; Ash, 1994) as well as be deduced from the geological map posted by BCGS on the MapPlace website. Further exploration of the property should focus on careful prospecting and structural mapping at higher elevations in the northern and eastern parts of the property.

Textural character of a significant portion of the placer gold on the property (coarse, hackly, common quartz-carbonate inclusions; J. Harvey, 2007, oral communication) points to its very short transport. Accumulations of placer gold of similar character could result in great part from eluvial, almost *in situ*, concentration without significant lateral transport. An irregular, scattered character of the placer gold accumulation encountered in McKee Creek (J. Harvey, 2007; oral communication) is in a favour of a short transport hypothesis and of partly eluvial character of the placer gold concentrations on the property. The lode gold, originally encapsulated in quartz-carbonate veins at the base of the main, flat-bottomed thrust fault is interpreted here as the primary source of placer gold in McKee Creek. Placer gold was in part concentrated gravitationally on the surface of bedrock in course of rock weathering and erosional processes. Part of it was obviously transported at short distances by flowing water.

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Respectfully submitted,

Krzysztof Mastalerz

5.0 WORK COST STATEMENT

Item	Cost ($CAD)
Field Personnel – June 05 to September 24, 2008:	
Geologist (K. Mastalerz) 23 days @ $650.00 per day	14,950.00
Field assistant (S. Szpila) 5 days @ $160.00 per day	800.00
Field assistant and core split (R. Radomski) 6 days @ $200.00 per day	1,200.00
Expediting and labour (Marc Elson) 8 days @ $250.00 per day	2,000.00
Supervision (Mike Elson) 2 days @ $400.00 per day	800.00
Core cutting (W. Boyko)	200.00
Cook (D. Poulin) 16 days @ $267.18 per day	4,290.80
Food	3,308.67
Fuel	4,508.06
Lumber	232.08
Supplies	663.30
Small equipment	318.55
Drilling (Kluanie Drilling Ltd.) including logistics	107,971.67
Sample shipments and fright	876.21
Laboratory analytical costs (ICP, Assays)	6,274.21
Phone calls	478.08
Satellite phones	298.44
Rentals:	
Pickup 1	3,078.45
Pickup 2	1,863.00
Pickup 3	634.50
ATV	1,188.00
Travel	1,427.29
Hotel (June) BB	670.00
Accomodation (September)	5,476.51
Helicopter support (Discovery)	898.46
Helicopter support (Westland)	3,900.00
Report writing	3,900.00
Drafting for report	750.00
Total cost	**173,039.34**

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 4262494 on February 05th, 2009.
Note 2: Please credit the excess amount to the PAC account of the Saturn Minerals Inc.

6.0 CERTIFICATE OF PROFFESSIONAL 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 McKee Creek property, south of Atlin, B.C., in June and August-September 2008.
6. I have, personally, conducted and/or supervised field work done on the 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 28th day of April, 2009.

Krzysztof Mastalerz

Sample Label	UTM (NAD83, 8 Zone)			Type	Description
	East [m]	North [m]	Elev [m]		
MK08-KR27A	582788	6594004	984	125	Black cherty metaargillite to meta-siltstone (probably tuffaceous) with thin quartz veins
MK08-KR27B	582789	6594006	984	125	Black cherty metaargillite (probably tuffaceous) with a few thin quartz veins
MK08-KR27C	582790	6594007	984	125	Black cherty fine meta-sediments
MK08-KR27D	582790	6594008	984	85	Black metasediments within a shear zone, moderate oxidation and few thin quartz veins
MK08-KR27E	582791	6594009	984	70	Numerous thin quartz vein cut though a listwanite altered zone, associated chert fragments
MK08-KR27F	582791	6594010	984	100	Black tuffaceous meta-sediments, partly cherty, thin quartz veins, weak carbonate replacement, 1-3% disseminated pyrite
MK08-KR69	582706	6593866	980	100	Carbonate-quartz breccia in dark gray tuffaceous meta-sediments
MK08-KR70	582706	6593866	980	230	Gray tuffaceous meta-sediments with numerous thin sheeted sub-vertical veins of quartz-carbonate; strike E-W
MK08-MH01	582638	6593893	968	300	Dark gray chert and moderately silicified meta-sediments, thin quartz veins
MK08-MH02	582630	6593894	968	300	Dark gray chert and moderately silicified meta-sediments, thin quartz veins
MK08-MH02A	582630	6593894	968	G	Dark gray moderately silicified meta-sediments to meta-volcanics, talcose alteration, tectonic brecciation, thin quartz veins; 1-3% disseminated/cubed pyrite
MK08-MH03	582632	6593895	968	300	Dark gray chert and moderately silicified meta-sediments, thin quartz veins, locally brownish oxidation along fractures
MK08-MH04	582634	6593895	968	300	Dark gray chert and moderately silicified meta-sediments, thin quartz veins
MK08-MH05	582636	6593896	968	300	Dark gray chert and moderately silicified meta-sediments, thin quartz veins; brownish oxidation along fractures
MK08-MH06	582640	6593897	968	G	12-13 cm thick quartz vein striking W-E in weakly oxidized, carbonate altered meta-volcanics
MK08-MH07	582641	6593899	969	F	A selection of angular fragments/pebbles at the base of the fluvioglacial deposits overlying an erosional feature in the bedrock
MK08-MH08	582768	6593979	986	500	Gray, strongly fractured meta-volcanics and chert
MK08-MH09	582770	6593982	986	500	Gray, moderately fractured meta-volcanics and chert
MK08-MH10	582773	6593985	986	500	Gray, moderately fractured chert and subordinate meta-volcanics (meta-tuff?)
MK08-MH11	582775	6593987	986	500	Tectonic (shear?) zone in grayish meta-volcanics and chert
MK08-MH12	582779	6593992	986	900	Black tuffaceous meta-sediments and tuff; relics of primary, sedimentary layering
MK08-MH13	582781	6593995	986	250	Shear/strong fracturing zone in black, cherty meta-argillite, few thin veins of white coarse-crystalline quartz

MK08-MH13A	582781	6593995	986	G	A selection of thin quartz veins with admixed material of meta-argillite wall-rock
MK08-MH14	582800	6594020	990	G	Thin quartz veins cut through dark-gray metasediments
MK08-MH15	581241	6592693	809	G	Dark gray, fragmental rock of predominant crystalline, magmatic (ultramafic?) fragments
MK08-MH16	581250	6592703	809	G	Contact zone between blackish, carbonate altered ultramafics(?) and cherty meta-sediments; some carbonate veins and quartz/silica pods
MK08-MH17	581680	6593009	850	G	Black slightly tuffaceous meta-sediments, few thin quartz veins, weak oxidation along fractures
MK08-MH18	581684	6593028	854	G	dark gray, fine-grained to afanitic volcanic or volcaniclastic, andesite/basalt composition(?); disseminated pyrite 1%
MK08-MH19	581659	6593000	851	F	Polymictic, fine-grained conglomerate with abundant limonite cement (base of Quaternary deposits; Tertiary?)
MK08-MH20	581628	6593028	849	G	Dark gray, strongly fractured (fracture cleavage), fine tuffaceous meta-sediments
MK08-D1	582844	6594104	1003	G	Quartz vein, white, coarse-crystalline, rusty (oxidized0 spots; dips 80deg toward NE
MK08-D2	582844	6594104	1003	G	Quartz veins, white (rusty walls), coarse-crystalline; cut through brownish-rusty listwanite alteration zone
MK-8-D3	582844	6594104	1003	G	Quartz veins, white (rusty walls), coarse-crystalline; cut through strong listwanite alteration zone with abundant mariposite
MK08-D4	582844	6594104	1003	G	Banded quartz-chalcedony vein, whitish to light gray
MK08-D21	581961	6593352	891	G	Strongly sheared (tectonic fabric) part of tectonic melange(?), includes fragments of chert and talc-serpentinite rock; probably black matrix lapilli tuff protolith
MK08-D22	581957	6593338	888	G	Grayish-green serpentinite/talcose rock with some thin quartz veins
MK08-D23	581976	6593347	891	G	Vuggy quartz/silica cementation in chert, strong fracture cleavage and few thin quartz veins
MK08-D25	582049	6593354	916	G	Fragmental rock with predominant chert components; few thin quartz veins, incipient mariposite
MK08-D31	582147	6593629	929	F	Strongly carbonate-listwanite altered protolith breccia, brownish to rusty
MK08-D32	582147	6593629	929	F	Strongly listwanite-carbonate altered volcanic(?) protolith rock, moderately abundant mariposite
MK08-D33	582092	6593622	918	F	Brownish, strongly listwanite altered volcanic (?) protolith rock cut by thin quartz-carbonate veins; abundant mariposite
MK08-D34	582092	6593622	918	F	Brownish, strongly listwanite altered volcanic (?) protolith rock cut by thin quartz veins; abundant mariposite
MK08-D35	582092	6593622	918	F	Brownish, strongly listwanite altered volcanic (?) protolith rock cut by thin quartz veins; abundant mariposite
MK08-D36	582092	6593622	918	F	Very thick, irregular quartz vein (or replacement zone) in rusty-brownish, strongly carbonate altered protolith rock

MK08-D37	582092	6593622	918	F	Brownish-rusty, strongly oxidized fragment od chert in carbonate altered volcanic rock; numerous thin quartz veins
MK08-D38	582083	6593529	901	F	Dark brownish-rusty andesite(?) with strong carbonate-quartz veins, numerous cubes of pyrite
MKK8-01	582500	6593887	960	G	greenish-brown, oxidized, carbonate altered andesite(?) volcanic rock, few specks of mariposite, few thin quartz-carbonate veins
MKK8-02	582458	6593891	960	G	Brownish, strongly carbonate atered fragmental volcanic rock, , abundant mariposite, incipient quartz-carbonate flooding
MKK8-02A	582458	6593891	960	G	Quartz veins (approx. 12 cm) in brownish carbonate altered fragmental volcanic rock, common mariposite, steep, strong tectonic fabric
MKK8-03	582450	6593870	958	G	Brownish-rusty, strongly carbonate altered fragmental volcanic rock, abundant mariposite
MKK8-03A	582450	6593870	958	G	Brownish, moderately carbonate altered, weakly oxidized, fragental volcanic rock, moderately silicified
MKK8-03B	582450	6593870	958	G	Quartz-carbonate breccia, strong silicification, boundaries of the fragments are strongly blurred, locally incipient chrysoprase, disseminated iron oxides (replaced pyrite?)
MKK8-04	582439	6593870	954	G	Brownish-green, strongly carbonate altered and silicified volcanic protolith rock, moderately abundant mariposite
MKK8-11	582388	6593849	957	G	Brownish, carbonate altered volcanic rock with some quartz-carbonate veins, moderately abundant mariposite

Certificate Number	Sample Name	ICP Ag ppm	ICP Al %	ICP As ppm	ICP Ba ppm	ICP Be ppm	ICP Bi ppm	ICP Ca %	ICP Cd ppm	ICP Ce ppm	ICP Co ppm	ICP Cr ppm	ICP Cs ppm	ICP Cu ppm
8V2288RZ	MK08-KR27A	0.4	3.07	41	405	1	0.3	0.16	0.4	28	8.2	157	2.5	47.4
8V2288RZ	MK08-KR27B	0.4	3.42	29.5	351	1	0.1	0.09	0.5	29	10.5	161	2.5	60.7
8V2288RZ	MK08-KR27C	0.4	3.6	48.5	371	1	0.2	0.07	0.3	31	14.9	162	2.5	31.5
8V2288RZ	MK08-KR27D	0.5	6.46	200.4	572	1	0.3	0.29	0.7	16	62.7	754	3.4	129.5
8V2288RZ	MK08-KR27E	0.3	2.32	525.7	118	1	0.2	9.32	0.3	22	41.7	515	1.9	10.4
8V2288RZ	MK08-KR27F	0.4	2.45	221.9	53	<1	0.1	5.44	0.3	17	52.7	846	2	64
8V2288RZ	MK08-KR69	0.4	3.09	54.5	401	1	0.3	0.23	1	26	15.2	180	1.1	108.6
8V2288RZ	MK08-KR70	0.6	2.24	60.8	880	<1	0.2	0.09	1.6	13	23.8	278	2	126.4
8V2288RZ	MK08-MH01	0.3	>10.00	12.1	616	1	<0.1	0.4	0.4	8	82.8	810	4.6	121.3
8V2288RZ	MK08-MH02	0.3	9.9	19.5	685	1	0.1	0.38	0.4	7	93.5	895	3.8	183
8V2288RZ	MK08-MH02A	0.3	9.95	46.6	764	1	<0.1	0.18	0.9	8	183.7	977	3.2	224.7
8V2288RZ	MK08-MH03	0.4	9.68	280	714	1	0.1	0.18	0.3	5	120.7	937	4.3	220.8
8V2288RZ	MK08-MH04	0.5	9.52	69	639	1	0.1	0.17	0.2	5	71.3	1033	4.1	419.7
8V2288RZ	MK08-MH05	0.2	8.77	8.2	557	<1	<0.1	1.09	0.2	8	78.3	1185	2.3	295.7
8V2288RZ	MK08-MH06	0.2	1.41	28.7	477	<1	0.2	0.12	0.2	14	20	271	0.7	45.5
8V2288RZ	MK08-MH07	0.4	7.07	18.4	572	1	0.1	0.79	0.6	40	90.5	650	4.6	161
8V2288RZ	MK08-MH08	0.6	4.9	7.8	732	1	0.2	0.22	0.2	24	13.7	92	2.8	85.4
8V2288RZ	MK08-MH09	0.5	6.15	11.6	609	1	0.3	0.19	0.4	30	13.9	116	3.5	115.5
8V2288RZ	MK08-MH10	0.5	4.51	6.2	598	1	0.2	0.09	0.3	35	8.9	118	3	58.7
8V2288RZ	MK08-MH11	0.6	5.02	20.6	541	1	0.4	0.2	0.9	43	13.9	112	4.4	109.1
8V2288RZ	MK08-MH12	0.4	4.63	14.8	609	1	0.2	0.09	0.4	28	9.8	117	2.7	59.2
8V2288RZ	MK08-MH13	0.6	4.26	73.7	543	1	0.2	0.25	0.9	34	12.1	189	3	54.7
8V2288RZ	MK08-MH13A	0.3	2.09	47.8	216	<1	0.2	0.1	0.5	15	8.1	261	1.1	37.3
8V2288RZ	MK08-MH14	0.2	1.25	342.1	84	<1	0.1	7.25	0.3	9	42	1396	0.7	13
8V2288RZ	MK08-MH15	1.5	6.58	2	1028	2	0.1	5.75	0.3	180	43.3	227	4.6	69.1
8V2288RZ	MK08-MH16	0.5	4.62	4.8	933	<1	<0.1	2.86	0.2	14	33.9	128	10.9	110.5
8V2288RZ	MK08-MH17	0.7	7.88	34.1	191	1	0.2	1.33	0.2	34	108	589	1.4	845.5
8V2288RZ	MK08-MH18	0.5	9.26	14.5	1219	1	<0.1	1.19	0.4	30	98.4	484	2.4	515.8
8V2288RZ	MK08-MH19	0.4	5.73	3.1	684	1	0.1	2.43	0.2	24	26.5	332	1.5	51.6
8V2288RZ	MK08-MH20	0.8	8.52	8.9	637	1	<0.1	1.45	0.2	30	67.7	656	6.7	202.6

Sample Name	ICP Fe %	ICP Ga ppm	ICP Ge ppm	ICP Hf ppm	ICP In ppm	ICP K %	ICP La ppm	ICP Li ppm	ICP Mg %	ICP Mn ppm	ICP Mo ppm	ICP Na %	ICP Nb ppm	ICP Ni ppm	ICP P %	ICP Pb ppm	ICP Rb ppm
MK08-KR27A	1.94	10	<0.1	1.2	0.04	1.3	14	17.6	0.37	148	6.8	0.02	2	75.2	0.045	7.3	53.3
MK08-KR27B	2.05	10	<0.1	0.7	0.03	1.13	14	23.6	0.34	158	4.6	0.02	2.3	80.2	0.023	4.8	49.3
MK08-KR27C	2.48	12	<0.1	1.2	0.02	1.34	15	20.4	0.31	202	4.7	0.02	1.3	109.5	0.027	9.7	58.3
MK08-KR27D	6.98	14	<0.1	0.8	0.05	>2.00	9	17.4	0.54	524	7.8	0.47	1.3	371	0.072	3.5	61.9
MK08-KR27E	4.15	7	0.1	0.7	0.03	0.43	12	14.2	5.75	1166	1.7	0.01	0.5	663.3	0.009	2	21.3
MK08-KR27F	4.89	8	<0.1	0.6	0.03	0.07	8	23.2	6.61	1156	2.3	0.01	0.5	762.1	0.035	2	4.2
MK08-KR69	2.58	8	0.3	0.9	0.03	0.72	13	19.2	0.2	417	12.7	0.01	1	71.9	0.099	10.7	26.1
MK08-KR70	6.45	6	0.2	0.4	0.03	1.25	7	5.9	0.12	250	10.7	0.09	0.6	67.7	0.069	6	33.1
MK08-MH01	>10.00	20	0.3	0.4	0.07	>2.00	9	37	0.45	669	3.8	0.78	2.1	344.5	0.163	<0.1	60.9
MK08-MH02	8.06	17	<0.1	0.7	0.07	>2.00	6	26.4	0.83	762	2.9	1.23	1.8	331.7	0.079	0.4	65.7
MK08-MH02A	9.3	17	0.1	0.5	0.07	>2.00	5	35.9	0.43	1600	7.8	0.14	1.4	536.5	0.059	0.6	73.2
MK08-MH03	6.56	16	0.1	1.2	0.05	>2.00	5	27.1	0.89	450	7.7	0.83	1.7	220.7	0.061	2.8	73.6
MK08-MH04	6.53	17	<0.1	1.1	0.06	>2.00	5	30.8	1.51	368	9	0.73	1.7	211.6	0.057	4.1	70.3
MK08-MH05	7.63	16	0.1	0.4	0.06	>2.00	7	43.4	2.74	1106	2.1	1.3	3	325.8	0.115	1.1	54
MK08-MH06	1.28	2	<0.1	0.3	0.02	1.38	9	2.3	0.07	222	8.4	0.03	0.6	138.6	0.05	0.8	28.8
MK08-MH07	5.76	17	0.1	1.4	0.07	>2.00	25	31.7	0.91	1038	7.2	0.06	8.2	289.9	0.35	3.8	62.2
MK08-MH08	3.44	15	1	1.8	0.07	1.49	12	27.1	1.15	554	1.8	0.85	4.6	41.3	0.075	8.2	50.5
MK08-MH09	4.8	17	1	2.1	0.08	1.81	15	38.1	1.01	498	5.7	0.63	4.7	77.1	0.078	10	66.7
MK08-MH10	2.56	14	0.7	1.8	0.05	>2.00	18	26.1	0.43	423	4.9	0.08	6.6	43.4	0.04	12.5	73.7
MK08-MH11	3.62	16	0.7	1.9	0.06	>2.00	22	23.8	0.5	285	14.7	0.09	6.8	119.7	0.124	18.1	88.4
MK08-MH12	2.19	14	0.7	1.5	0.05	1.85	13	27	0.38	213	4.2	0.07	5.3	64.5	0.04	9	67.9
MK08-MH13	2.73	13	0.7	1.6	0.04	1.55	18	23.4	0.33	264	12.7	0.07	6.3	104.2	0.112	13.2	59.3
MK08-MH13A	1.78	5	0.3	0.7	0.02	0.53	8	15.4	0.14	209	11.1	0.03	2.8	76.4	0.039	11.6	20.4
MK08-MH14	3.4	4	0.4	0.2	0.02	0.51	4	10.8	6.96	1266	4.4	0.02	0.8	646.3	0.008	13.5	23.5
MK08-MH15	7.44	21	1.4	6	0.08	1.52	80	19.3	3.54	1108	0.8	2.9	105.7	153.5	0.574	37.1	62.2
MK08-MH16	6.93	13	0.7	1.2	0.06	1.5	7	8.5	1.56	1074	5.1	1.95	4.5	58.4	0.102	5.7	59.8
MK08-MH17	>10.00	24	1.4	1.3	0.11	0.62	15	35	1.4	4150	3.6	2.91	17.5	195.6	0.51	87.1	18.8
MK08-MH18	>10.00	25	1	1.3	0.11	>2.00	14	26.2	1.44	5383	3.2	2.69	14.5	188.8	0.328	8.2	58.2
MK08-MH19	6.02	14	1	1.3	0.05	1.12	12	18.8	2.93	1002	2.2	1.56	6.9	183.2	0.085	8.8	37.1
MK08-MH20	>10.00	23	1.5	3.4	0.11	>2.00	12	24.5	1.24	1217	1.7	2.02	22.4	166.2	0.182	2.6	87.9

Certificate Number	Sample Name	ICP Re ppb	ICP S %	ICP Sb ppm	ICP Sc ppm	ICP Sn ppm	ICP Sr ppm	ICP Ta ppm	ICP Te ppm	ICP Th ppm	ICP Ti %	ICP Tl ppm	ICP U ppm	ICP V ppm	ICP W ppm	ICP Y ppm	ICP Zn ppm	ICP Zr ppm
8V2288RZ	MK08-KR27A	7	<0.05	2.8	7.3	1.4	29	0.1	<0.1	4.7	0.069	0.4	2.9	118	1	7.5	82	41.3
8V2288RZ	MK08-KR27B	18	<0.05	2.2	7.8	1.3	32	0.1	<0.1	4.7	0.072	0.3	1.4	59	0.6	7.3	80	37.4
8V2288RZ	MK08-KR27C	7	<0.05	4	9.7	0.9	41	0.1	<0.1	4.5	0.047	0.4	2.2	98	3.7	6.8	93	42.6
8V2288RZ	MK08-KR27D	7	<0.05	14.3	32.2	0.7	41	0.1	0.1	1.6	0.212	1	1.6	274	2.3	10.2	152	30.2
8V2288RZ	MK08-KR27E	6	<0.05	9.8	9.9	0.2	496	<0.1	0.1	1.3	0.026	0.2	0.6	66	1.2	9.1	58	26
8V2288RZ	MK08-KR27F	7	0.21	2.1	13.1	0.2	313	<0.1	0.1	1	0.026	<0.1	0.4	99	0.9	7.3	61	23.2
8V2288RZ	MK08-KR69	7	<0.05	12.2	6.4	0.8	32	<0.1	0.3	3.6	0.04	0.2	3	166	1.1	12.7	161	34
8V2288RZ	MK08-KR70	6	<0.05	5.9	13	0.5	36	<0.1	0.1	1.1	0.044	0.4	1.1	55	1.2	6.1	134	15.2
8V2288RZ	MK08-MH01	7	<0.05	2.1	54.4	0.7	36	0.1	<0.1	0.1	0.395	1.3	0.6	408	1.5	15.9	218	11.4
8V2288RZ	MK08-MH02	7	<0.05	5.2	48.1	0.6	40	0.1	<0.1	0.2	0.363	1.5	1.2	269	1.4	12.4	172	24
8V2288RZ	MK08-MH02A	7	<0.05	5.4	50.7	0.7	15	0.1	<0.1	0.1	0.3	1.6	1.3	250	1.5	13.9	209	17
8V2288RZ	MK08-MH03	7	<0.05	5.9	52.1	0.7	32	0.1	0.2	0.2	0.374	2.2	3.4	770	0.9	9.1	176	46.6
8V2288RZ	MK08-MH04	7	<0.05	7	48.1	0.6	30	0.1	0.2	0.2	0.355	2.6	3	617	1.1	8.2	113	39.6
8V2288RZ	MK08-MH05	7	0.25	4.3	49.2	0.6	46	0.1	<0.1	0.2	0.398	1.6	0.3	320	0.7	11.2	142	16.4
8V2288RZ	MK08-MH06	6	<0.05	5	3.9	0.4	9	<0.1	<0.1	1.3	0.03	0.6	1.4	50	0.4	5.8	62	14.7
8V2288RZ	MK08-MH07	7	<0.05	4.5	31.4	1.2	18	0.4	0.1	3.5	0.329	1.1	3.4	272	1.5	22.2	193	52.4
8V2288RZ	MK08-MH08	9	<0.05	1.1	16	1.2	62	0.4	0.1	2.7	0.277	0.5	0.9	110	0.7	12.8	84	61.4
8V2288RZ	MK08-MH09	7	<0.05	2.7	19.5	1.6	49	0.3	<0.1	3.7	0.32	0.6	2.1	154	0.8	12.7	120	73.4
8V2288RZ	MK08-MH10	8	<0.05	2.7	12.5	1.7	42	0.5	<0.1	6.1	0.209	0.6	2	114	0.7	7.5	86	60.6
8V2288RZ	MK08-MH11	8	<0.05	4.6	12.4	2	67	0.4	<0.1	7.8	0.203	0.6	4.2	270	1.1	12.1	160	67.2
8V2288RZ	MK08-MH12	7	<0.05	2.4	13.3	1.5	56	0.3	<0.1	4.3	0.208	0.4	1.4	100	1	8.8	73	52.5
8V2288RZ	MK08-MH13	8	<0.05	5	9.6	1.7	67	0.4	<0.1	6.3	0.168	0.4	3.7	211	2.2	12.3	115	54.3
8V2288RZ	MK08-MH13A	6	<0.05	3.2	4.2	0.7	46	0.1	<0.1	2.7	0.064	0.1	1.4	67	1	5.8	62	23.1
8V2288RZ	MK08-MH14	7	<0.05	60.2	9.9	0.5	582	<0.1	0.1	0.4	0.021	0.2	0.2	82	0.1	4.3	34	10.3
8V2288RZ	MK08-MH15	8	1.16	1.2	22.8	2.4	252	6.2	<0.1	8.6	2.424	0.5	1.1	264	0.7	46.9	188	249
8V2288RZ	MK08-MH16	8	0.16	1.2	33.1	0.8	157	0.1	<0.1	1.1	0.453	0.3	1.4	252	0.4	20	94	40.2
8V2288RZ	MK08-MH17	9	0.06	3.3	40.2	1.3	127	0.9	<0.1	0.6	2.142	0.2	0.5	471	3.8	33.1	327	42.3
8V2288RZ	MK08-MH18	8	0.09	1.2	45.6	1	281	0.8	<0.1	0.7	1.531	0.6	0.5	451	1.8	26.4	269	43.8
8V2288RZ	MK08-MH19	6	0.05	1	21	1.1	207	0.2	<0.1	2.5	0.403	0.3	1	144	0.6	17.1	81	40.6
8V2288RZ	MK08-MH20	7	0.07	3.4	41	1.6	159	1.3	<0.1	0.8	2.49	0.8	0.5	527	3.7	34.8	244	113

Certificate Number	Sample Name	Geochem Au ppb	Geochem Au-Check ppb	Geochem Au g/tonne	Geochem Ag g/tonne
8V2288RG	MK08-KR27A	**45**			
8V2288RG	MK08-KR27B	1			
8V2288RG	MK08-KR27C	1			
8V2288RG	MK08-KR27D	**92**			
8V2288RG	MK08-KR27E	2			
8V2288RG	MK08-KR27F	1			
8V2288RG	MK08-KR69	**144**			
8V2288RG	MK08-KR70	**513**			
8V2288RG	MK08-MH01	**93**			
8V2288RG	MK08-MH02	**56**			
8V2288RG	MK08-MH02A	6			
8V2288RG	MK08-MH03	23	19		
8V2288RG	MK08-MH04	33			
8V2288RG	MK08-MH05	<1			
8V2288RG	MK08-MH06	**83**			
8V2288RG	MK08-MH07	4			
8V2288RG	MK08-MH08	9	9		
8V2288RG	MK08-MH09	6			
8V2288RG	MK08-MH10	4			
8V2288RG	MK08-MH11	8			
8V2288RG	MK08-MH12	6			
8V2288RG	MK08-MH13	**278**			
8V2288RG	MK08-MH13A	**220**			
8V2288RG	MK08-MH14	5			
8V2288RG	MK08-MH15	1			
8V2288RG	MK08-MH16	3			
8V2288RG	MK08-MH17	**108**			
8V2288RG	MK08-MH18	2			
8V2288RG	MK08-MH19	3			
8V2288RG	MK08-MH20	7			
8V2288RG	*0218	843			
8V2288RG	*BLANK	<1			

Report No. 2081921 (ICP)

Certificate Number	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	Au* ppb
2081921	MK08-D1	.1	.10	69	<5	14	<10	3.63	<1	13	174	30	1.23	.04	1.79	770	8	.01	219	<0.01	3	.01	43	<2	119	<5	<0.01	<5	8	14	3
2081921	MK08-D2	.1	.07	72	<5	31	<10	1.23	<1	7	148	15	1.07	.04	.70	531	6	.01	126	<0.01	3	.00	15	<2	47	<5	<0.01	<5	9	18	4
2081921	MK-8-D3	.1	.06	413	<5	25	<10	5.36	<1	37	99	22	2.69	.04	7.34	680	3	.01	551	<0.01	6	.05	53	<2	274	<5	<0.01	<5	15	35	12
2081921	MK08-D4	.1	.09	22	<5	39	<10	5.28	<1	3	117	6	1.04	.02	2.17	727	5	.01	45	<0.01	4	.01	6	<2	94	<5	<0.01	<5	9	18	10

Report No. 2081962 (ICP)

Certificate Number	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 pprr	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	Au* ppb
2081962	MK08-D21	0.847	2.31	25.3	<5	55	<10	0.57	<1	25	262	122	9.54	0.09	2.85	2590	13	0.01	370	0.2	15.2	0.26	6	<2	18	23	0.1	<5	203	92.4	10
2081962	MK08-D22	0.363	3.41	<5	<5	20	<10	0.46	<1	171	1113	317	4.56	0.13	5.61	651	5	0.02	2934	0.08	23.8	0.84	10	<2	16.8	10	<0.01	<5	127.4	100.8	9
2081962	MK08-D23	0.242	0.49	<5	<5	118	<10	0.06	<1	6	146	50.6	1	0.01	0.67	122	8	0.01	56	0.02	5.7	0.01	<2	<2	3.6	6	<0.01	<5	30.8	24	5
2081962	MK08-D25	0.121	0.52	12.65	<5	13	<10	0.1	<1	4	114	20.7	1.21	0.07	0.55	185	5	0.01	27	0.02	3.8	0.01	2	<2	3.6	7	0.01	<5	57.4	43.2	7
2081962	MK08-D31	0.242	0.15	25.3	<5	81	<10	**>10**	<1	5	72	9.2	2.38	0.02	6.4	844	2	0.01	37	0.24	1.9	0.01	4	<2	123.6	<5	<0.01	<5	33.6	19.2	21
2081962	MK08-D32	0.242	0.39	31.05	<5	145	<10	6.37	<1	49	303	57.5	5.15	0.02	2.2	2398	4	0.01	637	0.05	4.75	0.09	6	<2	104.4	15	<0.01	<5	102.2	91.2	2
2081962	MK08-D33	0.121	0.14	55.2	<5	48	<10	9.55	<1	67	524	56.4	4.85	<0.01	2.94	949	3	0.01	1045	0.02	<2	0.1	7	<2	164.4	12	<0.01	<5	47.6	44.4	1
2081962	MK08-D34	0.363	0.18	171.35	<5	58	<10	7.72	<1	34	219	8.05	4.11	0.01	3.82	1235	3	0.01	638	0.01	6.65	0.01	13	<2	232.8	7	<0.01	<5	32.2	75.6	8
2081962	MK08-D35	0.242	0.17	149.5	<5	39	<10	9.36	<1	18	333	4.6	3.27	0.03	4.48	1428	3	0.01	303	<0.01	8.55	<10	16	<2	409.2	6	<0.01	<5	58.8	51.6	6
2081962	MK08-D36	0.121	0.12	66.7	<5	38	<10	4.87	<1	5	103	11.5	1.44	0.04	2.8	647	5	0.01	60	<0.01	3.8	<10	8	<2	409.2	<5	<0.01	<5	14	16.8	20
2081962	MK08-D37	0.242	0.07	37.95	<5	22	<10	4.58	<1	4	91	19.6	1.11	0.02	2.35	204	4	0.01	17	<0.01	<2	0.07	6	<2	98.4	<5	<0.01	<5	9.8	20.4	14
2081962	MK08-D38	0.121	0.34	59.8	<5	37	<10	7.05	<1	37	25	71.3	6.75	0.14	2.41	1716	2	0.01	56	0.03	2.85	0.36	<2	<2	99.6	18	<0.01	<5	14	97.2	18
2081962	MKK8-01	0.363	0.2	83.95	<5	99	<10	8.14	<1	32	258	23	3.71	0.03	2.56	1671	8	0.01	754	0.07	5.7	0.01	7	<2	97.2	10	<0.01	<5	32.2	43.2	17
2081962	MKK8-02	0.121	0.19	69	<5	72	<10	9.62	<1	70	570	67.9	4.92	0.04	5.3	1172	4	0.01	1076	0.03	2.85	0.04	<2	<2	163.2	10	<0.01	<5	42	48	20
2081962	MKK8-02A	0.242	0.12	32.2	<5	47	<10	8.48	<1	15	167	18.4	3.05	<0.01	4.42	905	4	0.01	165	0.01	<2	0.01	5	<2	391.2	6	<0.01	<5	39.2	21.6	2
2081962	MKK8-03	0.121	0.13	49.45	<5	49	<10	6.96	<1	26	183	29.9	3.8	0.02	6.26	975	3	0.01	387	0.03	3.8	0.02	4	<2	390	9	<0.01	<5	26.6	45.6	1
2081962	MKK8-03A	0.363	0.11	26.45	<5	54	<10	>10	<1	5	21	11.5	1.03	<0.01	2.19	952	3	0.01	69	0.03	<2	0.01	7	<2	213.6	<5	<0.01	<5	25.2	20.4	1
2081962	MKK8-03B	0.121	0.13	23	<5	73	<10	>10	<1	8	151	10.4	1.93	<0.01	8.12	431	1	0.01	118	<0.01	2.85	0.01	6	<2	372	<5	<0.01	<5	22.4	6	6
2081962	MKK8-04	0.121	0.21	49.45	<5	69	<10	11.71	<1	34	491	5.75	4.27	0.01	9.18	850	2	0.01	561	<0.01	<2	0.01	6	<2	171.6	9	<0.01	<5	57.4	9.6	**295**
2081962	MKK8-11	0.242	0.08	41.4	<5	52	<10	12.34	<1	28	444	17.3	3.11	<0.01	10.19	576	<1	0.01	394	<0.01	2.85	0.04	3	<2	604.8	<5	<0.01	<5	12.6	32.4	4

Saturn Minerals Ltd.

Diamond Drill Log - ddh MK8-1

Project	McKeeCreek 2008				
Drill Hole	**MK8-1**	Easting:	582624	Contractor:	Kluane
Core	NTW	Northing:	6593901	Started:	31-Aug-08
TD	(582ft) 177.39m	Elevation:	973	Finished:	3-Sep-08
Claim	389070	Azimuth:	122	Logged by:	K. Mastalerz
NTS	104N.043	Dip:	45	Date logged:	5-Sep-08
					6-Sep-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	122	-45.5

From m	To m	Length m	Graph	Lithology and Structure	Alteration	Ore Minerals	Fracture Density	Sample Label	From m	To m	Length m
0.00	0.57	0.57	O/B	Overburden; gravelly till							
0.57	15.24	14.67	VL	Greenish meta-basaltic/andesitic pillow lava, lava flow, locally pillow	Sil-wk		md/w	MK81-01	11.19	12.19	1.00
15.24	22.86	7.62	SR	Weakly to moderately serpentinized meta-basaltic/andesitic volcanics, locally weakly talcose sections	Serp-wk		md/wk	MK81-02	22.35	23.06	0.71
22.86	23.77	0.91	SR	Serpenitite with some quartz-chalcedony veins and silicification; moderately oxidized	Serp-md/st, Sil, md, Oxid			MK81-03	23.06	24.03	0.97
23.77	27.12	3.35	SR	Serpentinite-talcose rock; protolith of mafic/intermediate volcanics, moderate shearing at 70-75deg rca	Serp-st, Talc		shear				
27.12	31.55	4.43	VL	Slightly serpentinized-talcose, greenish mafic/intermediate meta-volcanic rock, porphyritic texture, few irregular quartz veins and pods	Serp-wk, Sil-wk						
31.55	32.00	0.45	BX	Tectonic breccia, ductile/brittle-style deformation			tbx				
32.00	33.80	1.80	FT	Fault zone/gouge, strong oxidation, fragments of quartz-carbonate veins	Cl-st, Oxid		fault	MK81-04	32.00	33.53	1.53
33.80	38.40	4.60	SR	Serpentinized mafic/intermediate meta-volcanic rock, locally	Serp-wk,						
38.40	39.90	1.50	FT	Fault zone/gouge, strong oxidation	Cl-st, Oxid		fault	MK81-05	39.22	40.40	1.18
39.90	47.55	7.65	VL	Greenish-creamy, mafic/intermediate fragmental meta-volcanic, few thin quartz-carbonate veins, locally brecciation, locally oxidation	(Oxid), Sil-wk		wk/md	KM81-06 MK81-07 MK81-08	43.15 44.20 45.72	44.20 45.72 47.24	1.05 1.52 1.52
47.55	56.86	9.31	FT	Fault zone, gougy; very strong oxidation; fragments of quartz veins	Cl-st, Oxid, Sil-wk		fault	MK81-09 MK81-10	51.82 55.63	53.34 56.39	1.52 0.76
56.86	63.70	6.84	VL	Greenish-creamy, mafic/intermediate fragmental meta-volcanic, probably lava flow; in upper part some quartz vein and locally mariposite	Sil-wk	Mariposite		MK81-11	59.44	60.38	0.94
63.70	69.49	5.79	FT	Fault zone, gougy; very strong oxidation	Cl-st, Oxid		fault	MK81-12	68.90	69.49	0.59

69.49	79.75	10.26	SR	Serpentinized mafic volcanic or ultramafic protolith rock, locally faulted/brecciated	SR-md, Oxid-md			MK81-14 MK81-14A	70.33 72.45	72.45 72.85	2.12 0.40
79.75	82.30	2.55	BM	Slightly serpentinized/talcose black -matrix tuff breccia to fine lapilli tuff, layering/fabric at 45-65deg rca, some calcite veins	Serp-wk,Carb-md			MK81-15 MK81-16	79.10 80.33	80.00 81.30	0.90 0.97
82.30	87.80	5.50	VL	Greenish-to-grayish meta-volcanic(?), slightly serpentinized/talcose, locally rusty oxidation, numerous carbonate veins and pods	Carb-st, Serp-wk, Oxid		md	MK81-17 MK81-18	85.45 86.87	86.87 87.53	1.42 0.66
87.80	90.65	2.85	BM	Slightly serpentinized/talcose black -matrix tuff breccia to lapilli tuff, layering/fabric poorly developed, some calcite veins	Serp-wk,Carb-md		wk	MK81-19 **MK81-20**	87.53 88.95	88.95 90.50	1.42 1.55
90.65	94.15	3.50	VL	Gray to light greenish, slightly serpentinized, porphyritic meta-volcanic rock, few rusty oxidized intervals, some calcite veins	Serp-wk,Carb-md		md	MK81-21 MK81-22	90.50 91.90	91.90 93.57	1.40 1.67
94.15	95.05	0.90	TF	Black tuff to tuffaceous mudstone, massive, locally fine lapilli scattered troughout the muddy matric; strong development of	Carb-st, Sil-wk						
95.05	98.05	3.00	AD	Light greenish-gray metavolcanics, probably fragmental protolith - andesite tuff - lapilli tuff, some relics of layering; common short brecciated/fractured intervals followed by moderate oxidation	Cl-wk, Carb wk			MK81-23	96.78	98.45	1.67
98.05	101.45	3.40	QZ	Zone of strong development of irregular banded quartz(silica)-carbonate veins to breccias; protolith rock - tuffaceous mudstone to black-matrix lapilli tuff, distinctly silicified	Carb-st, Sil-md	diss Py tr	bx	MK81-24 MK81-25 MK81-26	98.45 99.78 100.93	99.78 100.93 101.43	1.33 1.15 0.50
101.50	102.60	1.10	FT	Fault zone(?), strongly broken core of volcanic protolith	Cl-md		fault?	MK81-27	101.43	102.80	1.37
102.60	105.08	2.48	AD	Light greenish-gray andesite tuff to andesite, crudely layered(?)	Cl-wk			MK81-28	102.80	103.93	1.13
105.08	107.00	1.92	FT	Fault zone; strongly broken core, strong oxidation locally	Cl-st, Oxid			MK81-30	105.08	106.65	1.57
107.00	110.90	3.90	CH	Light gray to gray chert, strongly fractured-brecciated, very poor muddy matrix - probably package belongs to tectonic melange (includes interval of tuffaceous mudstone, deformed)			st				
110.90	111.75	0.85	VL	Strongly deformed greenish-to-yellowish volcanics, almost a fault/shear zone	Cl-st, Oxid-md						
111.75	114.47	2.72	TM	Black to dark gray, tuffaceous mudstone and black-matrix tuff breccia	Cl-md			MK81-31	113.39	114.47	1.08
114.47	115.60	1.13	VL	Greenish volcanic protolith rock, strongly deformed, sear zone	Cl-md		shear	MK81-32	114.47	115.36	0.89
115.60	128.11	12.51	CH	Gray to light brownish chert, strongly fracture, locally lowered recovery and brocken core			st	MK81-33	122.52	123.30	0.78
128.11	129.75	1.64	TM	Blackish tuffaceous mudstone, to black-matrix lapilli tuff, broken core, mderate recovery							

129.75	132.85	3.10	FT	Fault zone developed in volcanic material, strongly broken core, poor recovery	Cl-st/md, Carb		fault	**MK81-34**	131.37	132.85	1.48
132.85	134.25	1.40	QZ	Zone of strong development of carbonate veins, some of them with banded fill, locally rusty oxidation spots; host rock is a black-matrix lapilli tuff	Carb-st			MK81-35 MK81-36	132.85 133.50	133.50 134.25	0.65 0.75
134.25	139.05	4.80	AD	Light greenish to brownish-rusty, andesite volcanics, locally crudely layered, tuff; few carbonate veins	Cl-md, Carb-md						
139.05	144.15	5.10	VL	Grayish to slightly dirty-green, strongly siliceous meta-volcanics, locally almost cherty afanitic appearance of the rock, relics of crude layering; some quartz veins at 30-45deg rca	Sil-st		st	MK81-38	141.73	143.26	1.53
144.15	144.75	0.60	FT	Brownish-rusty fault zone, very strong oxidation	Cl-st, Oxid-st		fault	MK81-39	143.26	144.78	1.52
144.75	160.93	16.18	CH	Grayish to dark-gray, locally light brownish chert; very strong fracturing, some thin quartz veins; locally strongly broken core and moderate recovery; probably an element of tectonic melange package	Sil		st	MK81-40 MK81-41 MK81-42 MK81-43 MK81-44	144.78 146.30 156.06 157.58 159.11	146.30 147.83 157.58 159.11 160.93	1.52 1.53 1.52 1.52 1.82
160.93	163.85	2.92	FT	Fault zone/gouge, brownish rusty, strong oxidation and clay alteration	Cl-st, Oxid-st		fault	MK81-45 MK81-45A	160.93 162.46	162.46 163.05	1.53 0.59
163.85	171.95	8.10	CH	Dark grayish to brownish chert, very strongly broken core, poor recovery							
171.95	177.09	5.14	FT	Fault zone/gouge, brownish rusty, strong oxidation and clay alteration	Cl-st, Oxid-st		fault	MK81-46	174.96	177.09	2.13
177.09	177.39	0.30	CH	Dark grayish to brownish chert, very strongly broken core, extermely poor recovery							
				EOH @ 177.39 m (582 ft)							

Abbreviations:

Lithological Code: CH - chert, chert breccia; MS - metasediments (usually fine-grained); TM - tuffaceous mudstone; BM - black-matrix lapilli tuff to tuff breccia; DF - debris flow; TF - tuff; AD - andesitic volcanic; VL - undifferentiated volcanic rock; UM - ultramafic to mafic rock; SR - serpentinized or talcose rock; QZ - quartz and/or carbonate veins/breccia; BX - tectonic breccia, FT - fault zone, gouge; MEL - tectonic melange.

Alteration: Sil- silicification, Serp - serpentinization, Talc - talc development, Carb - carbonatization, Listw- listwanite alteration, Cl - clay, Chl - chlorite, Oxid - oxidation; 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. **Diamond Drill Log - ddh MK8-2**

Project **McKee Creek 08**

Drill Hole	**MK8-2**	Easting:	582723	Contractor:	Kluane
Core	NTW	Northing:	6593847	Started:	3-Sep-08
TD	(540ft) 164.59m	Elevation:	990	Finished:	6-Sep-08
Claim	389070	Azimuth:	155	Logged by:	K. Mastalerz
NTS	104N.043	Dip:	-45	Date logged:	5-Sep-08
					8-Sep-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	155	-45

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		Overburden							
0.75	3.10	2.35	CH	Light to dark gray chert to chert breccia, few thin quartz veins; strongly broken core	Sil-st?		md	MK82-31	0.75	2.35	1.60
3.10	7.00	3.90	DF	Grayish, debris flow deposit of mixed composition with predominant fragments of chert, less common volcanics, abundant muddy matrix	Sil			MK82-32	3.98	5.43	1.45
7.00	9.73	2.73	CH	Grayish chert to chert breccia, few thin quartz veins; broken core	Sil		st				
9.73	11.30	1.57	DF	Grayish, debris flow deposit or slumped bed; mixed composition with predominant fragments of chert, less common volcanics, abundant muddy matrix	Sil?						
11.30	11.88	0.58	FT	Fault/shear zone in debris flow unit; includes some carbonate-quartz veins; shear fabric at 10deg rca	Oxid-st	Lim	Fault	MK82-33	11.30	11.88	0.58
11.88	13.80	1.92	DF	Grayish, debris flow deposit or slumped bed; locally strongly sheared/slickensided	Oxid-wk		st				
13.80	15.54	1.74	CH	Chert breccia to strongly brecciated chert; strongly slickensided lower contact at 25 rca	Sil?		md				
15.54	21.80	6.26	DF	Dark gray debris flow of mixed composition, numerous chert fragments, in middle-to-upper part abundant matrix of tuffaceous mudstone; in lower part vuggy silicification zone and incipient quartz veins	Sil-md			MK82-34	20.65	21.80	1.15
21.80	22.36	0.56	FT	Tectonic zone, strong clay alteration and oxidation; moderately common carbonate-quartz veins	Cl-st, Sil-md	Lim	Fault	MK82-35	21.80	22.36	0.56
22.36	23.83	1.47	CH	Grayish chert to chert breccia	Sil?						
23.83	24.70	0.87	FT	Fault gouge	Cl-st, Oxid-md	Lim	Fault	MK82-36	23.83	24.70	0.87
24.70	29.40	4.70	CH	Grayish chert breccia, broken core							
29.40	39.60	10.20	CH	Light to dark gray chert, locally chert breccia	Sil?	Py-cb, Hem, Goet		MK82-37	33.00	33.53	0.53
39.60	41.15	1.55	CH	Chert and/or chert breccia; very poor recovery							

41.15	41.25	0.10	FT	Fault zone/gouge	Cl-st, Oxid-md	Lim	Fault				
41.25	41.98	0.73	CH	Chert breccia, grayish, few thin quartz-carbonate veins	Oxid-wk, Sil/Cb-wk			MK82-38	41.15	41.98	0.83
41.98	43.35	1.37	CH	Grayish chert, locally strongly brecciated; strongly broken core and poor recovery							
43.35	44.50	1.15	FT	Fault zone/gouge, orange-brownish; protolith of volcanic rock	Oxid-st, Cl-st	Lim	Fault	MK82-39	43.35	44.50	1.15
44.50	47.25	2.75	CH	Predominantly chert with thin stringers of clay altered material (volcanic protolith?), probably strongly fractured; strongly broken core	Cl-wk, Oxid-wk	Lim	st				
47.25	50.29	3.04	VL	Brownish-rusty volcanogenic(?) rock; strongly broken core	Cl-st, Oxid-st	Lim		MK82-41 MK82-42 MK82-43	47.24 48.77 50.29	48.77 50.29 51.15	1.53 1.52 0.86
50.29	51.82	1.53	VL	Brownish-rusty volcanogenic(?) or mafic intrusive(?) rock; strongly broken core; common mariposite	Cl-st, Oxid-st	Lim, Marip		MK82-01	51.15	51.82	0.67
51.82	53.34	1.52	FT ?	Interval of very poor recovery - few chips of quartz vein material, probably also chert?			Fault?	MK82-02	51.82	53.34	1.52
53.34	56.39	3.05	AD	Greenish to rusty andesitic(?) volcanic rock, few thin quartz and chalcedony veins; locally mariposite	Cl-md, Oxid-wk	Lim, Marip		MK82-03 MK82-04	53.34 54.86	54.86 56.39	1.52 1.53
56.39	59.44	3.05	AD	Brownish-rusty, very strongly clay altered volcanic(?) rock, probably partly fault gouged	Cl-st, Oxid-st	Lim	Fault?	MK82-05 MK82-06	56.39 57.91	57.91 59.44	1.52 1.53
59.44	61.20	1.76	AD	Greenish-to-yellowish fine-grained andesite, spotty, locally medium-grained	Cl-md/st, Oxid-wk	(Lim)		MK82-44	59.44	60.80	1.34
61.20	62.70	1.50	AD	Light greenish medium/fine-grained andesite, commonly silicified (vuggy textures), strongly fractured	Cl-wk, Oxid-wk, Sil-wk	(Lim)	st	MK82-45	62.00	62.70	0.70
62.70	69.40	6.70	AD	Light greenish fine-grained andesite, locally with thin quartz-carbonate veins, fractured; broken core	Cl-wk, Oxid-wk,	(Lim)	md				
69.40	70.10	0.70	AD	Yellowish-rusty andesite, strongly clay altered	Cl-st, Oxid-st	Lim					
70.10	70.95	0.85	AD	Greenish, moderately silicified andesite with some thin irregular	Sil-md		st	MK82-46	70.10	70.95	0.85
70.95	71.63	0.68	FT	Fault zone/gouge	Cl-st, Oxid-st	Lim	Fault				
71.63	79.37	7.74	AD	Light grayish-to-green andesite, locally thin quartz veins, thin zones of oxidation locally, mariposite	Sil-md, Oxid-wk	Lim, Marip	md	MK82-11 MK82-12	71.63 73.15	73.15 73.50	1.52 0.35

79.37	81.87	2.50	FT	Fault gouge, brownish-rusty	Cl-st, Oxid-st	Lim	Fault	MK82-18	79.37	81.75	2.38
81.87	87.05	5.18	AD	Yellowish-rusty andesite, few quartz-carbonate veins, locally strong clay alteration (along fractures?) and mariposite	Sil-md, Cl-wk, Oxid-wk	(Lim), Marip	md	MK82-19 MK82-20 MK82-21 MK82-22 MK82-23 MK82-24	81.57 82.60 83.20 84.00 85.34 86.07	82.60 83.20 84.00 85.34 86.07 86.87	1.03 0.60 0.80 1.34 0.73 0.81
87.05	89.95	2.90	FT	Fault gouge or very strongly altered volcanic rock, brownish-rusty	Cl-st, Oxid-st	Lim	Fault	MK82-25 MK82-26	86.87 87.92	87.92 89.92	1.05 2.00
89.95	92.96	3.01	BM	Black-matrix lapilli tuff with few thin quartz-silica veins/pods, trace of mariposite	Cl-st, Oxid-md	Lim, Marip		MK82-27 MK82-28	89.92 91.44	91.44 92.96	1.52 1.52
92.96	94.67	1.71	BM	Grayish, matrix poor, black-matrix lapilli tuff to silicified tuffaceous mudstone, few thin banded quartz veins at 65deg rca	Sil-wk			MK82-29	92.96	94.03	1.07
94.67	95.25	0.58	BM	Grayish, layered tuff-to-lapilli tuff, layering at 65-70deg rca, some quartz-carbonate penetrations along sedimentary structures	Sil-wk			MK82-48	94.03	95.35	1.32
95.25	96.01	0.76	AD	Whitish, massive andesite/dacite tuff, few thin quartz veins	Cl-wk						
96.01	96.75	0.74	BM	Brownish-rusty lapilli tuff to tuffaceous mudstone	Cl-st, Oxid-md	Lim					
96.75	97.20	0.45	BM	Dark gray cherty tuff/lapilli tuff							
97.20	119.10	21.90	CH	Grayish chert to chert breccia			st	MK82-49	118.87	119.80	0.93
119.10	121.90	2.80	FT	Tectonic breccia of chert protolith; very strongly broken core			Fault				
121.90	124.80	2.90	CH	Grayish chert, locally chert breccia							
124.80	126.49	1.69	CH	Chert breccia with numerous thick limonite stringers developed due to oxidation of pyritic replacements	Oxid-md	Lim, (Hem)		MK82-50	124.80	125.40	0.60
126.49	126.65	0.16	FT	Fault gouge	Cl-st, Oxid-st	Lim	Fault				
126.65	127.85	1.20	AD	Moderately dark gray, andesite/basalt tull and/or fine lapilli tuff, hyaloclastite type	Cl-md, Oxid-wk	(Lim)					
127.85	128.03	0.18	TF	Grayish laminated silty tuff, layering at 70-80deg rca	Sil-wk						
128.03	128.58	0.55	CH	Light grayish chert breccia, incipient nodular structures; locally development of banded quartz veins and breccias	Sil-md			MK82-51 MK82-52	128.00 128.52	128.52 128.58	0.52 0.06
128.58	129.18	0.60	BM	Black-matrix lapilli tuff to matrix-poor lailli tuff, vuggy				MK82-53	128.58	129.54	0.96
129.18	131.00	1.82	CH	Chert to chert breccia with sharp lower contact at 40deg rca							
131.00	131.88	0.88	BM	Grayish lapilli tuff of mixed composition (redeposited?), common thin quartz veins along fractures	Sil-wk		st/md	MK82-54	130.90	131.74	0.84
131.88	132.15	0.27	QZ	Whitish quartz veins to breccia cut through dark-gray lapilli tuff	Sil-st		st	MK82-55	131.74	132.15	0.41
132.15	132.20	0.05	BM	Black tuffaceous mudstone							
132.20	140.20	8.00	DF	Debris flow unit of mixed composition, numerous large fragments of chert and felsic(?) volcanics							

140.20	145.00	4.80	CH	Grayish chert with some stringers(?) of siltstone								
145.00	148.35	3.35	MS	Grayish silicified siltstone to tuffaceous mudstone, numerous cherty lenses	Sil-st							
148.35	164.59	16.24	CH	Chert, minor chert breccia, locally stringers of silty mudstone composition with cherty nodules	Sil-md							
				EOH @ 164.59 m (540 ft)								

Abbreviations: as to ddh MK8-1

Saturn Minerals Ltd.

Diamond Drill Log - ddh MK8-3

Project **McKee Creek 08**

Drill Hole	**MK8-3**	Easting:	582771	Contractor:	Kluane
Core	NTW	Northing:	6593992	Started:	6-Sep-08
TD	(820ft) 249.94m	Elevation:	987	Finished:	10-Sep-08
Claim	389070	Azimuth:	038	Logged by:	K. Mastalerz
NTS	104N.043	Dip:	-45	Date logged:	8-Sep-08
					12-Sep-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	38	-45.3

From	To	Length	Graph	Lithology and Structure	Alteration	Ore	Fracture	Sample	From	To	Length
m	m	m				Minerals	Density	Label	m	m	m
0.00	1.00	1.00		Overburden; gravel and boulders (fluvial in-channel deposits)							
1.00	39.35	38.35	MEL	Package of tectonic melange: 1) predominantly gray to dark-gray black-matrix lapilli tuff and minor tuff breccia with moderately abundant to poor muddy matrix, strongly fractured, silicified, strongly tectonically deformed (fracture clevage, small-scale displacements), interbedded with less common 2) chert and siliceous siltstone; locally few irregular and thin quartz veins at 65-75deg rca; frequently vuggy textures; locally more regular fractures at 20-30deg and 45 deg rca followed by cubed pyrite	Sil-md	cPy 1%	st	MK83-01 MK83-02 MK83-03 MK83-04	5.89 14.50 18.29 31.70	7.62 15.95 19.81 33.10	1.73 1.45 1.52 1.40
39.35	39.75	0.40	FT	Fault gouge, rusty sandy-clayey material	Cl-st, Oxid-md		Fault				
39.75	53.35	13.60	MEL	Packege of tectonic melange as before							
53.35	54.10	0.75	BX	Tectonic(?) breccia of light gray chert							
54.10	54.35	0.25	FT	Fault gouge, rusty sandy-clayey material	Cl-st, Oxid-md		Fault				
54.35	55.50	1.15	BX	Tectonic(?) breccia of light gray chert							

55.50	68.12	12.62	MEL	Package of tectonic melange: 1) predominantly gray to dark-gray black-matrix lapilli tuff with poor muddy matrix, strongly fractured, moderately silicified, strongly tectonically deformed (fracture clevage, small-scale displacements), interbedded with less common 2) chert and siliceous siltstone; locally few irregular and thin quartz veins at 30-45deg and less frequently at 65-75deg rca, locally cubed pyrite	Sil-md	cPy 1%	st	MK83-05 MK83-06 MK83-07 MK83-08 MK83-10	55.50 56.39 60.00 62.48 67.45	56.39 58.13 60.96 64.01 68.78	0.89 1.74 0.96 1.53 1.33
68.12	72.85	4.73	BM	Black-matrix lapilli tuff to tuff breccia, matrix-rich, matrix-supported texture, sedimentary(?) fabric at 10-30deg rca, mixed composition of volcanic fragments, incipient quartz-carbonate veins locally; locally pyrite-rich volcanic fragments	Sil-wk	diss/cPy 1-3%, blPy (3%)		MK83-11	71.5	72.2	0.7
72.85	74.50	1.65	VL	Light gray fragmental volcanic: tightly packed, matrix-poor lapilli tuff to tuff breccia, steep (10-30deg rca) irregular contacts; few thin discontinous quartz-carbonate veins; locally fracture clevage at 15-25deg rca; pyrite cubes commonly along fractures		diss/c Py 2-3%	md				
74.50	75.20	0.70	BM	Black tuffaceous mudstone (few lapilli-size fragments), lower contact at 15deg rca, faulted		bl/c Py 3-7%	wk-st				
75.20	76.85	1.65	BM	Light gray fragmental volcanic: tightly packed, matrix-poor lapilli tuff to tuff breccia with some admixed chert fragments, few thin carbonate veins	Carb-md/wk	bl/c Py 2-3%					
76.85	85.75	8.90	BM	Interbedded black-matrix lapilli tutt to tuff breccia and black tuffaceous mudstone; locally lenses(?) of laminated mudstone-siltstone material; few thin quartz-carbonate veins and locally shearing at 25-30deg rca; steep depositional layering at 25-35deg rca	Sil/Carb-wk/md	fr/bl Py 3-8% (locally Marcasite ?)	md	MK83-12 MK83-13	78.80 84.90	80.20 85.57	1.40 0.67
85.75	86.60	0.85	QZ	Numerous thin quartz-carbonate veins at 10-20deg rca in black-matrix lapilli tuff to tuffaceous mudstone	Sil/Carb-st	bl/c/fr Py 2-4%	st/md	MK83-14	85.57	86.65	1.08
86.60	91.46	4.86	BM	Interbedded black-matrix lapilli tutt to tuff breccia and black tuffaceous mudstone; few thin quartz-carbonate veins; steep depositional layering at 25-35deg rca	Sil/Carb-wk	fr/bl Py 3-5%	md	MK83-15	86.65	87.78	1.13
91.46	92.25	0.79	BM	Same as above but with numerous thin quartz-carbonate veins, pods and incipient breccias	Sil/Carb-st/md	diss/bl Py 3-5%	wk	MK83-16	91.44	92.25	0.81
92.25	95.90	3.65	BM	Same as before but only few thin quartz veins; lowermost part sedimentary layering at 10-15deg rca	Sil-wk	diss/bl Py 3-5%	st/md	MK83-17 MK83-18	92.25 93.67	93.67 95.30	1.42 0.63
95.90	97.03	1.13	BM	Black-matrix tuff breccia to volcanic breccia with admixed chert fragments; distinct tectonic fabric at 55-60deg rca	Sil-st	c/bl Py 2-3%	md				
97.03	101.85	4.82	BM	Black-matrix lapilli tuff and tuff breccia, interbedded matrix-poor and matrix-rich layers, tectonic/sedimentary(?) fabric at 15-30deg rca, in lower part few thin quartz veins	Sil-wk	diss/bl Py 2-4%		MK83-19	98.88	100.58	1.70

101.85	102.15	0.30	BM	Same as above but with numerous thin quartz veins at 45deg and 75deg rca	Sil-st/md	diss/bl Py 2-4%		MK83-20	101.85	102.22	0.37
102.15	104.50	2.35	BM	Black-matrix lapilli tuff and tuffaceous mudstone, strongly sheared and fractured at 10-15deg rca		Py 3-5%	st/sh	MK83-21	102.22	103.63	1.41
104.50	106.55	2.05	AD	Andesitic/dacitic(?) lapilli tuff to tuff breccia, very poor matric -only locally more abundant tuffaceous mudstone between volcanic fragments, slightly sheared at 40deg rca, few thin quartz-carbonate veins	Sil/Carb-wk	c/bl/diss Py 1-3%	wk				
106.55	107.90	1.35	BM	Gray sandy tuff interbedded with black-matrix lapilli tuff, few thin quartz-carbonate veins	Sil/Carb-wk						
107.90	109.00	1.10	BM	Black-matrix lapilli tuff to tuffaceous mudstone, strongly brocken core							
109.00	115.40	6.40	AD	Predominantly andesitic/dacitic(?) lapilli tuff to tuff breccia, locally with more abundant tuffaceous muddy matrix, chaotic texture, few thin quartz-carbonate veins	Sil-wk	fr/c/diss Py 1-3%		MK83-22	113.60	114.17	0.57
115.40	117.20	1.80	TF	Same as above but with numerous thin layers of mudstone, sheared at 40-45deg rca, few thin quartz veins	Sil-wk	Py 2-3%	md	MK83-23	115.40	117.20	1.80
117.20	123.34	6.14	BM	Black-matrix lapilli tuff, amount of muddy matrix increases downhole, sedimentary/tectonic(?) fabric at 40deg rca, thin quartz veins at 80deg rca; lower contact transitional	Sil-wk		wk				
123.34	134.50	11.16	TM	Blackish tuffaceous mudstone with scattered volcanic fragments of lapilli size, grain fabric at 40deg rca; some thin quartz-carbonate veins to vuggy silica zones, lower contact transitional	Sil-md	diss/c Py 1-2%	wk	MK83-24 MK83-25	123.15 129.30	123.85 130.23	0.70 0.93
134.50	136.15	1.65	BM	Black-matrix lapilli tuff, matrix-poor, few layers of sandy tuff							
136.15	140.50	4.35	TF	Gray, fine-grained ash-fall tuff, locally tuffaceous mudstone, distinctly layered at 75-80deg, locally 40deg rca, facing downhole (graded bedding, load casts); in lowermost part some quartz veins and pyrite stringers, slightly sheared at 25-30deg rca	Sil-wk	frPy 1-2%	wk	MK83-27	138.98	139.80	0.82
140.50	141.65	1.15	TM	Blackish tuffaceous mudstone to blackmatrix lapilli tuff; some thin quartz-carbonate veins	Sil/Carb-wk						
141.65	142.20	0.55	TM	Tuffaceous mudstone with numerous thin quartz veins at 65-80deg rca (at least 3 generations of veins)	Sil-wk						
142.20	143.63	1.43	BM	Matrix-rich black-matrix lapilli tuff, chaotic to layered at 55deg rca texture, bottom contact sharp with load cast structures - facing downhole							
143.63	144.78	1.15	TF	Sandy tuff, andesite/dacite composition	Cl-md						
144.78	145.10	0.32	TF	Dark gray, corse sandy tuff, layering at 45-60deg rca, few thin quartz veins	Sil-wk	cPy 2-3%					

145.10	145.53	0.43	BM	Matrix-rich black-matrix lapilli tuff, some thin quartz veins	Sil-wk							
145.53	148.80	3.27	TF	Fine-grained andesitic tuff, locally sandy and rarely includes some lapilli-size fragments, tectonically deformed								
148.80	149.50	0.70	TF	Same as above but with numerous layers of deformed sandy tuff								
149.50	157.05	7.55	TF	Fine-grained andesitic tuff, locally sandy and rarely includes some lapilli-size fragments, tectonically deformed; rarely thin quartz-carbonate veins, some silicification	Sil-wk	cPy 1-3%						
157.05	157.55	0.50	BM	Black-matrix lapilli tuff, poorly layered at 55-65deg rca; slumped layers of tuff in tuffaceous mudstone								
157.55	160.10	2.55	TM	Predominantly tuffaceous mudstone with scattered lapilli size fragments, locally matrix-rich lapilli tuff/tuff breccia; common are volcanic fragments rich in pyrite		Py-2-4%		MK83-28	158.38	159.75	1.37	
160.10	162.80	2.70	BM	Moderately matrix-rich, black-matrix lapilli tuff/tuff breccia; common fragments rich in blebed pyrite		bl Py 2-4%						
162.80	168.60	5.80	DF	Grayish lapilli tuff to tuff breccia and slumped fine to sandy tuff, incipient tectonic cleavage, chaotic fabric, few quartz-carbonate veins	Sil/Carb-wk	c/dissPy 1-3%	wk	MK83-29	168.32	168.85	0.55	
168.60	172.40	3.80	DF	Same as before but abundant admixed muddy material, irregular sandy blebs (redeposited?), load casts - facing downhole	Sil/Carb-wk	fr/cPy1-3%	wk					
172.40	173.09	0.69	TF	Two layers of sandy andesitic redeposited tuff (graywacke) interbedded with tuffaceous mudstone, loaded burrows(?) - facing downhole								
173.09	175.85	2.76	TM	Grayish tuffaceous mudstone with a few scattered fragments of lapilli size, few quartz-carbonate veins at 55-60deg rca	Sil/Carb-wk	cPy 2-3%						
175.85	177.18	1.33	MS	Black graphitic mudstone, in lower part tuffaceous mudstone, commonly slickensided, some thin quartz veins, lower contact transitional	Sil-wk	c/dissPy 1-4%		MK83-30	176.78	177.18	0.40	
177.18	182.00	4.82	SR	Light to dark gray talcose rock (protolith tuffaceous mudstone to lapilli tuff); grain fabric at 35-40deg rca, few quartz-carbonate veins at 35 deg	Sil/Carb-wk; Talc-md	bl/cPy 2-5%		MK83-31 MK83-32	177.18 178.31	178.31 179.83	1.13 1.52	
182.00	182.19	0.19	TM	Grayish tuffaceous mudstone, slightly tectonically deformed, silicified	Sil-wk							
182.19	183.45	1.26	VL	Fragmental volcanic rock: lapilli tuff to tuff breccia, siliceous in lower part; upper part talcose	Sil-wk, Talc-wk	blPy 3-5%						
183.45	187.38	3.93	CH	Light gray, massive chert, crudely layered in lower part; in upper part admixed fine clastic material - facing downhole(?)								

187.38	189.02	1.64	DF	Grayish debris flow, mud supported, chaotic texture, mixed composition (volcanic and chert fragments); probably multistorey unit, some sandy load casts - facing downhole							
189.02	189.72	0.70	CH	Chert, grayish, massive to crudely layered							
189.72	190.13	0.41	DF	Debris flow as before							
190.13	190.65	0.52	BM	Light gray, silicified sand-grade volcaniclastic rock, admixed muddy graphitic matrix	Sil-md						
190.65	197.56	6.91	DF	Grayish debris flow, multistorey unit, mud supported, chaotic texture, mixed composition (volcanic and chert fragments); locally incipient silicification	Sil-wk	c/blPy 1-2%		MK83-33	194.00	195.04	1.04
197.56	202.42	4.86	SR	Grayish-to-blueish, strongly talcose tuff to lapilli tuff, moderately sheared, locally admixed muddy-graphitic matrix - facing downhole; few irregular carbonate-(quartz) veins	Carb-md, Serp/Talc st	bl Py 1-3%	sh	MK83-34	199.10	200.20	1.10
202.42	202.85	0.43	TM	Grayich tuffaceous mudstone, slightly talcose	Talc-wk						
202.85	205.67	2.82	DF	Slumped bed or tectonic breccia of tuff-to-tuff breccia volcaniclastic material; in the middle part of the interval distinct muddy relics of layering at 35-40deg rca; locally weakly silicified and few thin quartz-carbonate veins	Sil-wk	Py 2-3%		MK83-35	203.95	204.62	0.67
205.67	207.33	1.66	CH	Grayish chert to chert breccia, sharp lower contact at 40deg rca							
207.33	207.40	0.07	TM	Tuffaceous mudstone with layering at 40deg rca							
207.40	208.56	1.16	BM	Matrix-poor, black-matrix lapilli tuff, in the upper part finer-grained, tuffaceous, lower part silicified and few quartz veinlets	Sil-wk						
208.56	208.75	0.19	TF	Distinctly layered fine ash tuff to tuffaceous mudstone, layering at 35-45deg rca, gradational contact of internal laminae				MK83-36	207.98	209.37	1.39
208.75	210.88	2.13	TM	Gray black matrix lapilli tuff grades downhole into layered tuffaceous mudstone to debris flow at 40deg rca; lowermost 30 cm slightly talcose; some thin quartz veins are accompanied by trace of mariposite	Sil-wk, Talc-wk, Marip-tr			MK83-37	209.37	210.13	0.76
210.88	212.02	1.14	SR	Whitish coarse-grained fragmental volcanic, strongly talcose, massive	Cl?-st, Talc-st	blPy 1-2%					
212.02	214.45	2.43	SR	Laminated to layered fine-grained tuff to lapilli tuff, strongly talcose, grain fabric at 3deg rca; lower contact transitional to muddy volcanics, slightly silicified	Talc-st	blPy 3-4%		MK83-38	211.84	213.36	1.52
214.45	216.15	1.70	BM	Black-matrix lapilli tuff to tuffaceous mudstone (probably debris flow unit?); locally incipient silicification to quartz veins, locally talcose	Sil-wk, Talc-wk			MK83-39	215.75	216.41	0.66
216.15	216.34	0.19	TF	Light-creamy andesitic(?) tuff with some thin quartz-carbonate veins	Sil/Carb-md			MK83-40	216.41	217.96	1.55

216.34	222.30	5.96	TM	Black tuffaceous mudstone, locally matrix-supported lapilli tuff, degree of silicification decreases downhole; locally some thin carbonate-quartz veins	Carb/Sil-wk			MK83-41 MK83-42 MK83-43	217.96 219.46 220.80	219.46 220.80 222.30	1.50 1.34 1.50
222.30	222.45	0.15	QZ	Zone of quartz-carbonate veins-breccia	Sil/Carb-st			MK83-44	222.30	222.50	0.20
222.45	224.08	1.63	SR	Strongly talcose altered lapilli tuff to black-matrix lapilli tuff; recognizable grain/fragment fabric at 25-35deg rca, few quartz-carbonate veins; common mariposite	Talc-st	Mariposite		MK83-46	222.50	224.08	1.58
224.08	225.55	1.47	QZ	Whithish, banded quartz-carbonate vein/veins with abundant associated mariposite; subparallel to core axis	Talc-st, Sil/Carb-st	Mariposite		MK83-47	224.08	225.55	1.47
225.55	227.20	1.65	SR	Strongly talcose altered fragmental volcanic(?) with abundant mariposite, few thin banded quartz-carbonate veins	Talc-st, Sil-Carb-wk	Mariposite		MK83-48	225.55	226.88	1.33
227.20	228.09	0.89	TF	Distinctly sheared, dark grayish lapilli tuff, fabric at 10-20deg rca	Talc-wk	(Marip)		MK83-49	226.88	228.09	1.21
228.09	236.15	8.06	SR	Strongly talcose altered lapilli tuff protolith, commonly schistose at 25-30deg rca, locally quartz-carbonate veins with sparce mariposite	Talc-st, Sil/Carb-wk	(Marip)		MK83-50 MK83-51	228.09 229.85	228.60 230.88	0.51 1.03
236.15	239.60	3.45	BM	Dark gray black-matrix lapilli tuff to tuffaceous mudstone, locally slight silicification and some thin quartz-carbonate veins in the near-bottom interval	Talc-wk, Sil-wk						
239.60	239.80	0.20	FT	Fault gouge	Cl-st			MK83-52	239.80	240.68	0.88
239.80	240.68	0.88	BM	Sheared gray black-matrix lapilli tuff with some thin quartz-carbonate veins and pods	Sil-wk		sh				
240.68	241.25	0.57	BM	Same as above with some talcose strongers/zones; strongly broken core	Talc-wk, Sil-wk						
241.25	245.67	4.42	SR	Completely talcose altered protolith rock; sheared fabric at 20-35deg rca	talc-st		sh				
245.67	245.90	0.23	TM	Black tuffaceous mudstone, weakly silicified	Sil-wk						
245.90	247.70	1.80	DF	Debris flow unit of predominantly light-gray cherty fragments embodied in moderately abundant muddy matrix							
247.70	249.94	2.24	UM	Dark-gray fine-grained spotty ultramafic, almost fresh (not altered); some irregular silica-carbonate veinlets	Sil/Carb-wk			MK83-53	248.41	249.94	1.53
				EOH @ 249.94 m (820 ft)							

Abbreviations: as to ddh MK8-1

Saturn Minerals Ltd.

Diamond Drill Log - ddh MK8-4

Project	**McKee Creek 08**					
Drill Hole	**MK8-4**	Easting:	582520	Contractor:	Kluane
Core	NTW	Northing:	6593890	Started:	10-Sep-08
TD	(335ft) 102.11m	Elevation:	959	Finished:	11-Sep-08
Claim	389070	Azimuth:	273	Logged by:	K. Mastalerz
NTS	104N.043	Dip:	-45	Date logged:	12-Sep-08
					15-Sep-08

Dip tests:

Method	Depth	Azi	Dip
Compass	0	273	-45.3

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	4.40	4.40	OB	Overburden, coarse-grained slope(?) deposit							
4.40	10.67	6.27	AD	Light greenish-gray andesite, probably partly fragmental, numerous irregular thin carbonate veins in a stockwork pattern	Carb-st, Chl-wk, Oxid-wk			MK84-07 MK84-08	4.40 8.17	5.40 9.36	1.00 1.19
10.67	25.80	15.13	AD	Light greenish-gray andesitic(?) lapilli tuff to tuff, distinct fragmental fabric at 25-30deg rca, some thin carbonate-(quartz) veins at 75-80 and 30-45deg rca	Carb-md, Chl-wk, Oxid-wk			MK84-09	23.85	25.03	1.18
25.80	26.55	0.75	FT	Very strongly fractured andesitic volcanic	Oxid-md		st				
26.55	30.35	3.80	AD	Light greenish-gray andesitic(?) fragmental volcanic rock, fabric at 20-35deg rca	Oxid-wk						
30.35	30.55	0.20	FT	Strongly sheared in clay altered andesitic volcanics	Cl-st		fault				
30.55	33.82	3.27	AD	Light greenish, fragmental andesitic volcanics, few large-size fragments, grain fabric at 20-45deg rca, few carbonate veins	Carb-wk						
33.82	34.75	0.93	FT	Fault gouge developed in andesite volcanics	Cl-st		fault	MK84-10	33.70	34.80	1.10
34.75	37.90	3.15	AD	Light gray andesite fragmental volcanics (lapilli tuff to tuff), grain fabric at 20-25deg rca, locally thin carbonate veins and pods	Carb-md		wk				
37.90	39.26	1.36	AD	Same rock type but strongly fractured and weakly oxidized	Carb-md, oxid-wk		st	MK84-11	37.90	39.26	1.36
39.26	40.15	0.89	AD	Light beige andesite volcanic, probably fragmental, few thin carbonate veins	Carb-wk						
40.15	40.92	0.77	FT	Fault gouge	Cl-st, Oxid-md		fault				
40.92	41.45	0.53	VL	Grayish fragmental volcanic rock - probably two tectonic slabs contacting along sheared zone at 45-50deg rca							
41.45	41.64	0.19	SR	Light gray fragmenta volcanic protolith strongly altered to talcose rock and gradually passing into slightly talcose tuffaceous mudstone	Talc-md						

41.64	42.10	0.46	FT	Fault gouge in fragmental volcanic	Cl-st, Oxid-md		fault				
42.10	42.67	0.57	VL	Volcanic rock, probably fragmental, grain fabric at 10-30deg rca	Carb-md			MK84-05			
42.67	44.90	2.23	SR	Gray-to-greenish, strongly talcose volcanic protolith, locally silicified, common mariposite, some quartz veins	Talc-st, Sil-wk	Mariposite		MK84-01 MK84-02 MK84-03	42.67 43.54 44.34	43.54 44.34 44.90	0.87 0.80 0.56
44.90	44.95	0.05	??	Very poor recovery - drilling chips only				MK84-04	44.9	44.95	0.05
44.95	46.02	1.07	VL	Medium-to-light gray sand-grade tuff, andesite/dacite, massive	Sil-wk			MK84-05	44.95	46.02	1.07
46.02	54.35	8.33	SR	Strongly to moderately talcose rock of the fragmental volcanic or debris flow protolith (few chert fragments!), with some intervals of tectonic breccia; grain fabric at 20-30deg rca	Talc-st/md		st/wk				
54.35	55.10	0.75	FT	Fault zone in tuffaceous mudstone to lapilli tuff	Carb/Cl-st		fault				
55.10	61.40	6.30	BM	Gray to dark-gray, black-matrix lapilli tuff, numerous thin veins of carbonate-quartz (up to stockwork pattern); generally weak to moderate silicification	Sil/Carb-md/st			MK84-12	56.39	58.11	1.72
61.40	61.95	0.55	TM	Transitional zone between black-matrix lapilli tuff and prevailing tuffaceous mudstone	Talc-md, Carb-md						
61.95	62.58	0.63	TF	Predominantly medium-grained sandy tuff, andesitic/dacitic, locally sheared into talcose zones, locally weak silicification	Sil-wk, Talc-wk		wk				
62.58	64.80	2.22	DF	Debris flow with abundant-to-poor, muddy-tuffaceous matrix, predominantly volcanic fragments, minor frags of sandy tuff							
64.80	69.75	4.95	FT	Broad tectonic zone with strong talcose alteration, strong brecciation and numerous zones of silicification, few carbonate veins	Talc-st, Sil-wk, Carb-wk		fault	MK84-13 MK84-14	64.80 68.58	66.00 69.75	1.20 1.17
69.75	70.56	0.81	QZ	Strong carbonate alteration/replacement, penetrative	Carb-st			MK84-15	69.75	70.56	0.81
70.56	70.82	0.26	FT	Fault/shear zone, slickensided	Cl-st		fault-sh				
70.82	74.62	3.80	BM	Gray black-matrix lapilli tuff to tuff breccia, strong sedimentary/tectonic-modified fabric at 15-25deg rca, irregular lower contact	Carb/Talc-md						
74.62	76.35	1.73	AD	Light gray sandy andesite/dacite tuff, massive, penetrative carbonate alteration, few carbonate-quartz veins	Carb-md						
76.35	76.55	0.20	FT	Fault to strongly slickensided zone, contact/fabric at 15deg rca	Cl/Talc-st			MK84-16	76.2	77.05	0.85
76.55	77.05	0.50	AD	Light gray andesite/dacite tuff, moderately silicified	Sil-md						
77.05	78.15	1.10	BX	Tectonic breccia developed in light-gray tuff protolith	Cl/Talc-st		tbx				

78.15	79.10	0.95	AD	Light-gray andesite/dacite tuff, massive	Carb-md, Sil-wk						
79.10	82.20	3.10	BM	Gray, matrix-rich black-matrix lapilli tuff, irregular tectonic fabric at 10-15deg rca	Talc-md						
82.20	82.80	0.60	SR	Very strongly talcose altered volcanic protolith	Talc-st						
82.80	83.30	0.50	AD	Light-gray andesite/dacite tuff, contacts at 10-20deg rca, tectonic slab?							
83.30	85.45	2.15	SR	Light greenish talcose volcanics, strongly slickensided	Talc-st						
85.45	85.91	0.46	AD	Light gray sandy andesite/dacite tuff, massive, penetrative carbonate alteration	Carb-st						
85.91	93.40	7.49	BM	Grayish black-matrix lapilli tuff, strongly talcose, numerous slickensides	Talc-st/md						
93.40	95.58	2.18	SR	Whithish, very strong talcose alteration in protolith volcanic, probably fragmental, rock	Talc-st						
95.58	96.25	0.67	AD	Greenish andesite volcanic (greenstone), fragmental	Talc-st/wk						
96.25	97.24	0.99	AD	Light gray, fine-sandy andesite/dacite tuff, penetrative carbonate alteration	Carb-md/st			MK84-17	96.01	97.05	1.04
97.24	97.85	0.61	BX	Tectonic breccia(?); blocks of light-gray strongly carbonitized tuff in a slickenside/talcose zone	Talc-md, Carb-md			MK84-18	97.05	98.00	0.95
97.85	99.10	1.25	SR	Whithish, very strong talcose alteration in protolith volcanic, probably fragmental, rock	Talc-st						
99.10	100.06	0.96	FT	Fault gouge/zone - poor recovery: chips of a strongly talcose altered rock	Talc/Cl-st		fault				
100.06	100.36	0.30	BX	Tectonic/fault breccia of a talcose rock (volcanic? Protolith)	Talc-st		tbx	MK84-19	100.00	100.70	0.70
100.36	102.11	1.75	SR	Whitish-to-gray, strongly talcose rock, probably volcanic protolith, steep tectonic fabric at 0-15deg rca	Talc-st			MK84-20	100.70	102.11	1.41
				EOH 102.11 m (335 ft)							

Abbreviations: as to ddh MK8-1

PIONEER LABORATORIES INC. **#103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5** **TELEPHONE (604) 231-8165**

SATURN MINERALS INC.

Project: MK-08
Sample Type: Core

GEOCHEMICAL ANALYSIS CERTIFICATE

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

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	Au*
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
MK81-01	0.2	3.06	14	<5	24	<10	4.24	2	33	616	84.7	8.09	0.42	0.97	424	5	0.02	189	0.46	4.4	0.025	10	<2	51.5	<5	0.06	<5	128	143	2
MK81-02	0.8	2.76	<5	<5	41	<10	1.09	2	42	462	218.9	9.2	0.36	1.08	723	2	0.01	206	0.23	6.6	0.64	7	<2	16.8	<5	0.04	<5	162	159	4
MK81-03	0.1	3.92	12	<5	14	<10	5.08	2	54	1502	309.1	5.56	0.07	4.92	1228	2	0.01	376	0.06	8.8	0.016	5	<2	64.1	<5	<0.01	<5	106	137	1
MK81-04	0.4	2.28	15	<5	169	<10	0.99	2	76	610	343.2	7.71	0.27	1.64	2764	6	0.01	434	0.58	7.7	0.01	6	<2	15.8	<5	0.04	<5	161	189	1
MK81-05	0.2	2.4	<5	<5	128	<10	1.51	2	68	469	113.3	7.95	0.25	1.48	1960	11	0.01	338	0.89	7.7	0.01	7	<2	18.9	<5	0.01	<5	76	188	2
MK81-06	0.5	3.05	<5	<5	80	<10	0.45	2	67	741	143	7.55	0.13	2.32	1793	3	0.01	313	0.22	7.7	0.01	9	<2	8.4	<5	<0.01	<5	102	246	1
MK81-07	0.8	2.6	19	<5	105	<10	0.32	2	92	502	977.9	7.59	0.19	1.73	1603	2	0.01	306	0.17	11	0.007	6	<2	6.3	<5	<0.01	<5	83	209	1
MK81-08	2.4	1.51	29	<5	146	<10	0.59	1	91	326	671	6.56	0.16	0.9	1515	4	0.01	310	0.35	6.6	0.01	8	<2	9.45	<5	<0.01	<5	65	166	5
MK81-09	0.6	0.65	17	<5	224	10	0.47	2	78	323	256.3	8.02	0.1	0.13	2256	5	0.01	358	0.29	<2	0.01	9	<2	14.7	<5	<0.01	<5	80	184	3
MK81-10	0.1	1.37	29	<5	49	<10	4.89	2	46	359	103.4	6.4	0.14	3.07	1189	<1	0.01	175	0.1	<2	0.028	7	<2	92.4	<5	<0.01	<5	52	229	4
MK81-11	0.3	2.69	<5	<5	39	<10	4.48	2	46	537	57.2	6.01	0.46	3.7	1397	1	0.01	210	0.09	7.7	0.013	9	<2	60.9	<5	0.05	<5	125	131	2
MK81-12	1	0.73	15	<5	73	<10	0.2	2	70	229	623.7	6.94	0.24	0.17	546	3	0.01	244	0.09	<2	0.009	5	<2	5.25	<5	<0.01	<5	75	143	1
MK81-14	0.5	0.64	23	<5	69	<10	0.38	2	44	342	116.6	10.14	0.22	0.12	575	4	0.01	300	0.2	<2	0.01	6	<2	7.35	<5	0.01	<5	133	172	2
MK81-14A	0.9	3.01	<5	<5	130	<10	0.2	2	43	609	36.3	8.52	1.32	0.87	321	<1	0.02	288	0.07	7.7	0.01	<2	<2	7.35	<5	0.24	<5	158	144	1
MK81-15	0.3	0.3	17	<5	83	<10	10.2	1	54	617	86.9	3.84	0.02	3.34	935	5	0.01	942	0.03	<2	0.007	10	<2	109	<5	<0.01	<5	62	77	2
MK81-16	0.2	0.85	23	<5	16	<10	3.99	<1	25	337	45.1	2.39	0.02	3.99	549	3	0.01	379	0.04	3.3	0.01	6	<2	71.4	<5	<0.01	<5	44	37	1
MK81-17	0.1	1.28	9	<5	27	<10	3.79	<1	54	621	19.8	4.05	0.02	5.9	1050	2	0.01	791	0.04	5.5	0.039	6	<2	75.6	<5	<0.01	<5	62	67	1
MK81-18	0.2	0.72	21	<5	150	<10	5	1	49	193	152.9	5.87	0.05	3.02	1192	1	0.01	192	0.2	3.3	0.686	6	<2	92.4	<5	<0.01	<5	94	127	8
MK81-19	0.3	0.56	28	<5	55	<10	8.43	1	54	446	46.2	4.15	0.05	6.85	954	1	0.01	883	0.04	4.4	0.049	7	<2	156	<5	<0.01	<5	56	52	1
MK81-20	17.4	0.95	29	<5	56	<10	6.16	1	45	422	45.1	4.74	0.02	5.57	1140	2	0.01	640	0.09	3.3	0.024	8	<2	137	<5	<0.01	<5	62	71	9
MK81-21	0.13	0.63	9.315	<5	89	<10	6.4	2	43	225	19	5.71	0.04	3.99	1452	2	0.01	168	0.15	5	0.056	4	<2	73	<5	<0.01	<5	83	149	13
MK81-22	0.26	0.13	22.77	<5	55	<10	5.99	<1	11	133	19	1.43	0.05	1.27	498	4	0.01	91	<0.01	2	0.006	6	<2	41	<5	<0.01	<5	15	22	3
MK81-23	5.2	0.65	57.96	<5	110	<10	1.7	<1	17	162	66	3.33	0.08	0.57	693	3	0.01	92	0.03	4	0.009	11	<2	9	<5	<0.01	<5	33	66	5
MK81-24	0.13	0.21	30.015	<5	86	<10	14.8	<1	9	63	14	2.66	0.06	5.06	784	1	0.01	58	0.14	<2	0.014	6	<2	94	<5	<0.01	<5	25	40	1
MK81-25	0.26	0.18	<5	<5	80	<10	>10	<1	4	80	2	2.61	0.01	7.32	861	<1	0.01	40	0.34	3	0.025	<2	<2	192	<5	<0.01	<5	31	18	1
MK81-26	0.13	0.24	33.12	<5	151	<10	7.34	<1	17	134	27	2.11	0.04	1.24	699	3	0.01	184	0.07	5	0.011	5	<2	61	<5	<0.01	<5	40	79	1
MK81-27	0.26	0.28	16.56	<5	49	<10	1.12	<1	25	184	81	3.36	0.05	0.21	278	6	0.01	201	0.07	5	0.062	3	<2	16	<5	<0.01	<5	63	103	16
MK81-28	0.13	0.33	<5	<5	63	<10	6.14	<1	34	156	98	3.8	0.03	2.76	1100	1	0.01	128	0.03	<2	0.349	6	<2	61	<5	<0.01	<5	104	81	12
MK81-29	0.26	0.31	<5	<5	197	<10	0.51	<1	4	64	4	1.09	0.06	0.27	230	2	0.04	8	0.08	2	0.01	<2	<2	28	<5	0.03	<5	24	21	1
MK81-30	1.04	2.37	31.05	<5	592	<10	0.22	2	81	338	177	6.78	0.11	2.39	4191	5	0.01	276	0.07	10	0.046	7	<2	9	<5	<0.01	<5	151	186	3
MK81-31	0.52	0.28	<5	<5	95	<10	0.18	<1	4	105	71	1.69	0.11	0.05	44	12	0.01	42	0.11	10	0.026	5	<2	26	<5	<0.01	<5	42	112	1

MK81-32	0.52	1.77	<5	<5	197	<10	0.43	2	39	138	128	4.79	0.26	1.57	1489	4	0.01	117	0.05	8	0.156	6	<2	7	<5	0.02	<5	70	155	10
MK81-33	0.13	0.3	<5	<5	66	<10	0.09	<1	4	107	28	1.27	0.08	0.17	224	6	0.01	28	<0.01	4	0.157	4	<2	4	<5	<0.01	<5	5	46	5
MK81-34	36.66	0.19	<5	<5	227	<10	0.23	<1	10	208	169	1.48	0.05	0.11	735	15	0.01	67	0.04	3	0.006	3	<2	8	<5	<0.01	<5	10	27	7
MK81-35	0.26	0.09	21.735	<5	197	<10	8.21	<1	2	63	61	1.16	0.03	1.68	553	3	0.01	17	0.09	4	0.01	6	<2	71	<5	<0.01	<5	7	20	2
MK81-36	0.13	0.3	38.295	<5	460	<10	11.3	<1	11	88	111	2.22	0.07	3.08	1149	1	0.01	61	0.46	6	0.023	8	<2	177	<5	<0.01	<5	20	28	30
MK81-37	45.1	0.22	9119.4	<5	8	<10	1.95	267	15	13	977	11.17	0.14	0.09	1938	9	0.01	22	0.05	>10000	>10	154	<2	94	<5	<0.01	<5	8	>10000	510
MK81-38	0.13	0.12	15.525	<5	32	<10	0.94	<1	3	94	60	1.27	0.05	0.46	346	4	0.01	23	<0.01	20	0.41	4	<2	21	<5	<0.01	<5	3	47	2
MK81-39	0.26	0.24	19.665	<5	100	<10	3.87	<1	16	101	62	2.3	0.05	0.48	1155	8	0.01	86	0.05	11	0.041	4	<2	28	<5	<0.01	<5	28	54	1
MK81-40	0.13	0.2	5.175	<5	374	<10	1.18	<1	5	93	81	1.54	0.07	0.15	490	6	0.01	37	0.24	10	0.036	5	<2	56	<5	<0.01	<5	6	54	3
MK81-41	0.39	0.08	10.35	<5	51	<10	0.03	<1	3	105	41	0.94	0.05	0.02	244	6	0.01	21	<0.01	3	0.007	3	<2	2	<5	<0.01	<5	4	30	2
MK81-42	1.82	0.1	<5	<5	70	<10	0.08	<1	2	149	31	0.53	0.04	0.04	135	6	0.01	16	0.02	4	0.01	<2	<2	5	<5	<0.01	<5	5	19	1
MK81-43	1.04	0.11	15.525	<5	187	<10	0.06	<1	7	92	67	1.18	0.07	0.02	646	5	0.01	36	0.03	5	0.01	6	<2	12	<5	<0.01	<5	11	48	8
MK81-44	0.65	0.19	26.91	<5	161	<10	0.26	<1	14	124	54	2.14	0.09	0.04	612	5	0.01	89	0.16	4	0.01	7	<2	16	<5	<0.01	<5	20	56	10
MK81-45	1.69	0.44	84.87	<5	584	<10	0.11	1	71	145	131	5.8	0.09	0.12	2909	6	0.01	330	0.06	4	0.01	7	<2	10	<5	<0.01	<5	97	106	11
MK81-46	0.13	0.31	26.91	<5	274	<10	>10	1	12	160	54	3.91	0.02	1.3	1778	3	0.01	63	0.04	2	0.01	10	<2	56	<5	<0.01	<5	50	45	3
MK82-01	0.78	0.44	60.03	<5	262	<10	0.17	2	58	151	97	7.35	0.18	0.16	2010	4	0.01	175	0.09	5	0.01	8	<2	15	<5	<0.01	<5	62	144	7
MK82-02	1.3	0.47	37.26	<5	233	<10	1.87	<1	22	227	55	4.42	0.23	0.42	828	5	0.01	133	0.05	4	0.01	6	<2	18	<5	<0.01	<5	50	73	5
MK82-03	0.26	0.38	<5	<5	65	<10	>10	1	44	529	43	4.07	<0.01	4.64	899	<1	0.01	142	0.01	3	0.087	7	<2	99	<5	<0.01	<5	127	122	5
MK82-04	0.13	0.42	<5	<5	60	<10	12.1	1	40	397	59	4.39	0.03	4.06	912	1	0.01	183	0.03	3	0.072	4	<2	91	<5	<0.01	<5	133	58	3
MK82-05	0.65	2.47	5.175	<5	47	<10	0.42	1	51	674	31	4.84	0.04	2.44	963	1	0.01	273	0.05	7	0.01	7	<2	7	<5	0.08	<5	73	86	2
MK82-06	1.3	1.69	22.77	<5	113	<10	0.38	1	66	373	408	6.19	0.11	1.31	1733	3	0.01	249	0.1	6	0.01	8	<2	8	<5	<0.01	<5	121	110	1
MK82-10	2.99	1.1	>10000	25	33	162	7.65	3	459	32	794	5.16	0.12	0.31	732	73	0.06	73	0.15	46	1.441	41	<2	88	25	0.05	<5	27	244	890
MK82-11	0.13	1.99	7.245	<5	32	<10	4.28	<1	36	695	38	3.69	0.03	2.61	790	1	0.01	279	0.03	4	0.01	3	<2	15	<5	0.05	<5	59	46	7
MK82-12	0.13	1.49	<5	<5	31	<10	10.2	<1	37	588	69	4.17	0.04	1.88	662	<1	0.01	260	0.03	3	0.01	3	<2	19	<5	<0.01	<5	78	50	18
MK82-13	0.13	1.53	<5	<5	15	<10	7.62	<1	29	375	54	2.66	0.03	1.66	579	<1	0.01	151	0.03	<2	0.01	4	<2	26	<5	0.05	<5	44	39	7
MK82-14	0.26	1.96	6.21	<5	28	<10	3.15	<1	31	319	78	3.57	0.07	2.21	670	1	0.02	129	0.04	3	0.01	4	<2	14	<5	0.08	<5	81	46	5
MK82-15	0.13	0.45	<5	<5	40	<10	8.25	1	30	221	80	4.31	0.05	2.92	950	<1	0.01	102	0.03	4	0.016	5	<2	42	<5	<0.01	<5	131	48	2
MK82-16	0.13	0.39	11.385	<5	57	<10	7.36	1	55	700	25	4.74	0.02	4.36	1138	1	0.01	493	0.02	4	0.022	7	<2	102	<5	<0.01	<5	94	57	12
MK82-17	0.52	0.62	36.225	<5	143	<10	11.7	<1	70	650	24	4.2	0.03	0.87	1560	2	0.01	594	0.03	2	0.01	10	<2	24	<5	<0.01	<5	78	68	10
MK82-18	3.1	0.83	57	<5	186	<10	3.65	2	51	475	125.4	5.93	0.05	0.53	1584	3	0.01	365	0.06	<2	0.01	8.1	<2	11	<5	<0.01	<5	119	81	5
MK82-19	0.1	1.32	7	<5	112	<10	11.1	1	37	404	64.9	3.91	0.05	1.56	1304	<1	0.01	174	0.04	2.2	0.01	6.3	<2	19.8	<5	<0.01	<5	110	48	3
MK82-20	0.3	4.16	17	<5	42	<10	1.39	1	54	718	115.5	5.57	0.11	4.8	929	1	0.01	252	0.05	11	0.01	5.4	<2	7.7	<5	<0.01	<5	154	76	1
MK82-21	0.2	2.44	<5	<5	37	<10	3.94	1	44	486	75.9	4.99	0.03	2.84	971	1	0.01	224	0.04	6.6	0.01	6.3	<2	17.6	<5	<0.01	<5	133	69	1
MK82-22	0.1	3.17	<5	<5	45	<10	4.95	1	49	802	78.1	5.1	0.04	4.07	1113	1	0.01	341	0.04	5.5	0.01	7.2	<2	9.9	<5	<0.01	<5	128	59	2
MK82-23	0.1	2.83	17	<5	47	<10	6.48	<1	39	683	37.4	4.27	0.04	4.05	993	2	0.01	265	0.04	4.4	<10	5.4	<2	17.6	<5	<0.01	<5	115	51	1
MK82-24	0.2	1.14	17	<5	56	<10	7.72	1	87	723	90.2	5.06	0.04	1.42	1167	2	0.01	1214	0.05	2.2	0.01	6.3	<2	11	<5	<0.01	<5	79	77	2
MK82-25	0.1	0.35	44	<5	114	<10	4	1	58	375	37.4	4.94	0.02	0.21	1720	3	0.01	967	0.07	<2	0.01	14	<2	9.9	<5	<0.01	<5	71	102	5
MK82-26	0.5	0.53	50	<5	211	<10	0.34	2	57	174	112.2	8.35	0.08	0.2	2310	4	0.01	476	0.21	4.4	0.01	9.9	<2	19.8	<5	<0.01	<5	108	173	7
MK82-27	0.7	0.61	206	<5	328	13	0.27	2	101	352	22	8.53	0.11	0.32	3423	5	0.01	1090	0.13	4.4	0.01	39	<2	19.8	<5	<0.01	<5	120	150	5
MK82-28	0.4	0.35	56	<5	76	<10	2.76	<1	19	68	115.5	4.21	0.07	0.45	662	3	0.01	55	0.05	5.5	0.158	17	<2	28.6	<5	<0.01	<5	40	97	45
MK82-29	0.7	0.32	255	<5	165	<10	6.77	1	66	265	41.8	5.49	0.11	1.34	1816	2	0.01	853	0.08	3.3	0.01	65	<2	67.1	<5	<0.01	<5	52	94	31
MK82-30	0.3	0.34	6	<5	220	<10	0.33	<1	4	65	2.2	1.09	0.07	0.28	274	3	0.04	10	0.08	2.2	0.011	<2	<2	30.3	<5	0.02	<5	23	17	20
MK82-31	0.5	0.2	10	<5	55	<10	0.06	<1	4	83	52.8	0.88	0.09	0.06	41	12	0.01	21	0.04	6.6	0.015	4.5	<2	24.2	<5	<0.01	<5	8	59	18
MK82-32	0.6	0.35	5	<5	92	<10	0.1	<1	2	52	24.2	1.11	0.11	0.02	23	26	0.01	27	0.22	14.3	0.014	2.7	<2	144	<5	<0.01	<5	29	278	28
MK82-33	0.3	0.45	16	<5	200	<10	0.08	1	6	119	57.2	2.08	0.14	0.03	122	32	0.01	94	0.17	16.5	0.005	6.3	<2	156	<5	<0.01	<5	56	336	71

MK82-34	0.4	0.3	<5	<5	79	<10	0.1	<1	4	68	46.2	1.22	0.09	0.02	40	17	0.01	19	0.15	13.2	0.01	1.8	<2	82.5	<5	<0.01	<5	22	107	18
MK82-35	0.5	0.44	20	<5	196	<10	0.08	1	6	117	56.1	2.06	0.13	0.02	121	31	0.01	91	0.17	16.5	0.01	5.4	<2	154	<5	<0.01	<5	54	331	31
MK82-36	0.4	3.5	56	<5	341	<10	0.32	1	37	513	58.3	5	0.25	4.32	2733	3	0.01	275	0.12	11	0.01	6.3	<2	11	<5	0.02	<5	114	127	12
MK82-37	0.2	0.12	<5	<5	102	<10	0.04	<1	5	112	61.6	1.38	0.05	0.03	883	3	0.01	30	0.01	3.3	0.007	2.7	<2	4.4	<5	<0.01	<5	8	49	8
MK82-38	0.4	0.2	23	<5	333	<10	0.09	<1	22	77	115.5	2.3	0.08	0.06	2925	5	0.01	112	0.03	8.8	0.01	3.6	<2	12.1	<5	<0.01	<5	19	89	10
MK82-39	0.7	0.43	31	<5	177	<10	0.18	<1	40	109	95.7	4.5	0.12	0.09	1372	4	0.01	95	0.11	5.5	0.01	5.4	<2	13.2	<5	<0.01	<5	38	99	9
MK82-40	44.2	0.22	8950	<5	6	<10	1.89	256	15	13	1048.3	10.26	0.13	0.09	1920	9	0.01	20	0.05	>10000	>10	152	<2	102	<5	<0.01	<5	7	>10000	480
MK82-41	0.6	0.54	51	<5	183	<10	0.33	1	50	153	117.7	6.62	0.16	0.15	1764	3	0.01	146	0.21	13.2	0.005	7.2	<2	12.1	<5	<0.01	<5	63	153	18
MK82-42	0.7	0.56	41	<5	261	<10	0.27	1	66	196	83.6	7.47	0.18	0.19	1958	4	0.01	167	0.15	5.5	0.01	7.2	<2	20.9	<5	<0.01	<5	72	153	15
MK82-43	0.5	0.48	65	<5	259	<10	0.16	1	55	137	85.8	6.66	0.18	0.16	1885	3	0.01	170	0.09	3.3	0.01	6.3	<2	15.4	<5	<0.01	<5	55	137	22
MK82-44	0.3	3.54	7	<5	44	<10	0.45	<1	48	598	127.6	4.65	0.04	4.16	1220	5	0.01	257	0.04	11	0.01	9	<2	7.7	<5	0.04	<5	85	68	9
MK82-45	0.3	2.73	<5	<5	24	<10	0.43	<1	46	555	56.1	4.47	0.04	2.53	761	3	0.01	177	0.11	8.8	<10	3.6	<2	5.5	<5	0.07	<5	62	127	7
MK82-46	0.2	1.92	<5	<5	17	<10	2.08	<1	26	333	93.5	2.82	0.03	2.2	626	<1	0.02	127	0.03	5.5	0.01	<2	<2	5.5	<5	0.07	<5	51	36	10
MK82-47	0.1	2.04	5	<5	84	<10	7.84	<1	41	705	39.6	4.25	0.04	2.35	1083	1	0.01	288	0.03	4.4	<10	6.3	<2	13.2	<5	0.03	<5	66	43	8
MK82-48	0.1	0.47	30	<5	183	<10	8.22	<1	21	81	89.1	3.46	0.07	4.48	886	2	0.02	84	0.05	3.3	0.209	4.5	<2	66	<5	<0.01	<5	63	63	1
MK82-49	0.7	0.14	39	<5	99	<10	0.09	<1	5	103	85.8	1.16	0.08	0.05	366	4	0.01	37	0.04	5.5	0.01	3.6	<2	9.9	<5	<0.01	<5	5	43	2
MK82-50	0.3	0.17	5	<5	138	<10	0.08	<1	12	100	93.5	2.03	0.05	0.04	1633	5	0.01	39	0.03	7.7	0.01	1.8	<2	7.7	<5	<0.01	<5	19	35	1
MK82-51	0.2	0.19	<5	<5	101	<10	2.93	1	17	83	88	1.91	0.05	0.98	360	13	0.01	77	0.02	7.7	0.792	5.4	<2	31.9	<5	<0.01	<5	21	105	1
MK82-52	0.1	0.15	7	<5	149	<10	>10	<1	7	36	33	1.38	0.04	5.99	501	6	0.01	29	0.04	3.3	0.213	2.7	<2	255	<5	<0.01	<5	23	55	2
MK82-53	0.3	0.46	<5	<5	95	<10	1.24	3	25	133	134.2	3.03	0.08	0.35	269	16	0.01	136	0.3	13.2	0.315	2.7	<2	38.5	<5	<0.01	<5	106	324	1
MK82-54	0.2	0.38	34	<5	129	<10	5.5	<1	31	161	73.7	4.27	0.08	2.24	2443	2	0.01	122	0.05	6.6	0.018	8.1	<2	62.7	<5	<0.01	<5	56	103	18
MK82-55	0.1	0.22	12	<5	220	<10	7.74	<1	14	58	183.7	2.64	0.09	3.29	1648	2	0.01	41	0.04	4.4	0.176	5.4	<2	130	<5	<0.01	<5	17	59	5
MK83-01	0.2	0.21	<5	<5	35	<10	0.03	<1	5	26	62.7	1.8	0.13	0.04	82	2	0.01	22	0.02	4.4	0.046	1.8	<2	4.4	<5	<0.01	<5	7	58	2
MK83-02	0.5	0.43	<5	<5	48	<10	0.07	<1	10	27	97.9	2.1	0.28	0.19	81	2	0.01	27	0.02	11	0.341	2.7	<2	5.5	<5	0.02	<5	13	67	1
MK83-03	0.5	0.61	<5	<5	69	<10	0.07	<1	9	46	70.4	2	0.38	0.27	88	1	0.01	29	0.02	8.8	0.513	4.5	<2	7.7	<5	0.02	<5	16	66	10
MK83-04	0.3	0.33	<5	<5	48	<10	0.07	<1	10	40	126.5	1.92	0.19	0.14	113	2	0.01	29	0.03	12.1	0.513	3.6	<2	5.5	<5	<0.01	<5	10	70	6
MK83-05	0.33	0.22	<5	<5	51	<10	1.12	<1	13	30	96.8	1.83	0.15	0.68	211	2	0.01	30	0.01	9	0.496	4	<2	26.4	<5	<0.01	<5	7	73.5	4
MK83-06	0.44	0.3	<5	<5	48	<10	0.6	<1	10	25	77	1.88	0.19	0.46	177	6	0.01	29	0.02	6	0.607	8	<2	15.4	<5	<0.01	<5	8	75.6	7
MK83-07	0.22	0.21	<5	<5	44	<10	1.1	<1	11	28	58.3	1.81	0.14	0.57	186	3	0.01	29	<0.01	8	0.805	3	<2	26.4	<5	<0.01	<5	7	73.5	5
MK83-08	0.22	0.21	<5	<5	44	<10	1.22	<1	10	32	61.6	1.94	0.15	0.58	174	2	0.01	27	0.01	9	1.031	6	<2	29.7	<5	<0.01	<5	7	65.1	3
MK83-09	3.1	1.1	>10000	26	35	166	7.6	2	489	32	820	4.96	0.13	0.33	758	69	0.06	74	0.15	46	1.451	42	<2	88	28	0.05	<5	29	266.7	905
MK83-10	0.33	0.22	23	<5	41	<10	1.38	<1	9	42	72.6	1.85	0.17	0.57	177	19	0.01	31	0.06	11	1.434	7	<2	38.5	<5	<0.01	<5	13	131.3	16
MK83-11	0.55	0.23	9	<5	45	<10	1.08	3	9	46	75.9	1.81	0.18	0.29	195	40	0.01	42	0.12	17	1.898	7	<2	31.9	<5	<0.01	<5	25	377	11
MK83-12	0.11	0.23	41	<5	45	<10	1.57	1	12	28	80.3	2.49	0.18	0.49	198	18	0.01	32	0.09	11	2.673	8	<2	44	<5	<0.01	<5	12	137.6	520
MK83-13	0.11	0.33	30	<5	38	<10	2.15	<1	11	26	71.5	2.63	0.2	0.78	408	16	0.01	35	0.05	11	1.542	5	<2	53.9	9	<0.01	<5	12	164.9	80
MK83-14	0.11	0.24	96	<5	59	<10	3.77	<1	10	58	79.2	2.71	0.14	1.51	346	27	0.01	35	0.13	14	1.993	7	<2	82.5	6	<0.01	<5	16	162.8	560
MK83-15	0.22	0.34	14	<5	47	<10	1.91	<1	13	32	79.2	2.57	0.22	0.48	289	39	0.01	37	0.26	12	1.802	4	<2	58.3	9	<0.01	<5	16	164.9	23
MK83-16	0.33	0.2	121	<5	46	<10	4.57	<1	9	54	72.6	2.7	0.13	1.75	423	15	0.01	24	0.05	10	1.773	6	<2	83.6	9	<0.01	<5	8	75.6	1140
MK83-17	0.11	0.15	29	<5	34	<10	1.03	<1	7	55	57.2	1.93	0.11	0.38	157	13	0.01	17	0.04	14	1.426	3	<2	26.4	6	<0.01	<5	3	65.1	110
MK83-18	0.11	0.21	52	<5	40	<10	1.56	<1	10	51	85.8	2.81	0.16	0.52	242	29	0.01	27	0.05	15	1.949	4	<2	42.9	9	<0.01	<5	4	114.5	185
MK83-19	0.22	0.33	19	<5	54	<10	1.93	<1	11	36	77	2.37	0.21	0.66	233	31	0.01	34	0.14	11	1.559	6	<2	51.7	12	<0.01	<5	15	171.2	18
MK83-20	0.11	0.25	14	<5	109	<10	2.49	<1	8	52	67.1	2.23	0.16	0.95	326	14	0.01	28	0.06	10	1.14	4	<2	86.9	7	<0.01	<5	7	116.6	12
MK83-21	0.22	0.23	13	<5	43	<10	1.55	<1	10	39	82.5	2.39	0.14	0.54	218	19	0.01	26	0.1	20	1.746	4	<2	47.3	9	<0.01	<5	5	99.75	10
MK83-22	0.22	0.25	<5	<5	52	<10	0.64	<1	12	26	80.3	2.3	0.16	0.63	215	2	0.01	39	<0.01	10	0.987	<2	<2	28.6	8	<0.01	<5	<1	80.85	2
MK83-23	3.63	0.21	114	<5	48	<10	1.61	<1	10	56	84.7	2.52	0.15	0.81	353	10	0.01	35	0.01	10	1.413	3	<2	59.4	8	<0.01	<5	<1	70.35	305

MK83-24	0.11	0.4	33	<5	114	<10	3.03	<1	14	25	94.6	4.14	0.15	1.79	787	3	0.01	29	0.03	8	0.198	<2	<2	106	11	<0.01	<5	15	92.4	1
MK83-25	0.22	1.36	<5	<5	54	<10	1.57	<1	14	34	75.9	3.89	0.12	1.72	760	1	0.02	29	0.05	11	0.317	<2	<2	67.1	10	<0.01	<5	26	89.25	2
MK83-26	0.11	0.38	<5	<5	280	<10	0.64	<1	3	104	3.3	1.35	0.09	0.38	264	5	0.05	17	0.06	6	0.009	3	<2	46.2	7	0.04	<5	23	16.8	1
MK83-27	0.22	0.25	9	<5	69	<10	1.67	<1	11	51	85.8	2.12	0.14	0.92	258	10	0.01	45	0.01	9	0.462	6	<2	26.4	<5	<0.01	<5	6	67.2	2
MK83-28	0.44	0.21	11	<5	39	<10	1.56	<1	11	35	86.9	2.97	0.14	0.45	273	39	0.01	39	0.18	21	2.361	3	<2	50.6	12	<0.01	<5	7	168	4
MK83-29	0.33	0.39	6	<5	48	<10	0.6	<1	11	32	111.1	2.4	0.17	0.72	217	2	0.01	32	0.02	8	0.83	5	<2	24.2	6	<0.01	<5	4	65.1	1
MK83-30	0.33	0.23	12	<5	59	<10	1.95	<1	10	35	56.1	2.39	0.14	1.06	271	28	0.01	34	0.08	14	1.344	4	<2	51.7	6	<0.01	<5	17	118.7	7
MK83-31	0.22	0.82	64	<5	12	<10	4.39	<1	72	1018	35.2	3.61	0.02	6.56	904	3	0.01	1304	0.01	11	1.015	7	<2	218	12	<0.01	<5	32	39.9	2
MK83-32	0.11	1.38	37	<5	10	<10	4.27	<1	58	800	45.1	3.84	0.02	7.72	793	3	0.01	993	0.03	10	1.084	7	<2	242	14	<0.01	<5	37	33.6	5
MK83-33	0.22	1.99	29	<5	16	<10	6.42	<1	52	696	72.6	3.51	0.11	4.49	805	3	0.01	1074	0.04	12	0.448	2	<2	175	<5	<0.01	<5	45	40.95	16
MK83-34	0.22	0.22	32	<5	8	<10	4.92	<1	55	512	13.2	2.25	<0.01	4.07	739	<1	0.01	987	<0.01	3	1.086	5	<2	388	6	<0.01	<5	4	6.3	17
MK83-35	0.11	1.21	7	<5	41	<10	1.97	<1	13	113	85.8	3.47	0.19	1.68	1319	3	0.02	49	0.06	9	0.379	2	<2	64.9	9	0.02	<5	84	81.9	20
MK83-36	0.33	0.18	118	<5	26	<10	1.94	<1	15	77	70.4	2.45	0.1	1.77	855	4	0.01	171	0.01	5	0.163	32	<2	105	10	<0.01	<5	4	65.1	5
MK83-37	0.11	0.42	210	<5	20	<10	3.65	<1	28	82	35.2	5.09	0.15	5.08	1316	4	0.01	265	0.1	5	0.041	36	<2	223	12	<0.01	<5	7	85.05	4
MK83-38	0.22	0.46	58	<5	13	<10	4.23	<1	68	774	27.5	2.31	<0.01	4.11	744	<1	0.01	1209	<0.01	5	0.844	9	<2	359	7	<0.01	<5	11	7.35	2
MK83-39	0.88	2.03	34	<5	105	<10	5.93	<1	39	466	41.8	4.44	0.31	6.88	1284	3	0.01	468	0.04	15	0.035	3	<2	294	11	0.02	<5	70	58.8	6
MK83-40	0.22	0.67	24	<5	93	<10	6.07	<1	11	77	64.9	3.88	0.4	4.89	807	3	0.02	43	0.03	4	0.755	2	<2	330	11	0.05	<5	67	53.55	5
MK83-41	0.11	1.1	15	<5	160	<10	2.71	<1	24	99	127.6	5.24	0.72	2.41	1027	8	0.02	82	0.07	10	1.527	6	<2	123	16	0.1	<5	127	75.6	18
MK83-42	0.33	1.65	52	<5	32	<10	3.62	<1	26	171	81.4	4.52	0.1	5.18	793	5	0.01	202	0.04	9	0.05	<2	<2	242	13	<0.01	<5	88	60.9	7
MK83-43	0.11	0.9	61	<5	31	<10	5.28	<1	35	228	20.9	5.18	0.11	5.09	1154	4	0.01	472	0.12	8	0.105	4	<2	285	18	<0.01	<5	52	71.4	18
MK83-44	0.11	0.18	196	<5	89	<10	6.06	<1	51	257	16.5	4.6	0.07	8.3	1014	5	0.01	885	<0.01	16	0.091	171	<2	385	16	<0.01	<5	17	70.35	9
MK83-45	45.1	0.19	8865	<5	7	<10	1.87	247	13	14	1015.3	11.48	0.11	0.09	1849	15	0.01	23	0.04	>10000	>10	134	<2	100	<5	<0.01	<5	5	>10000	510
MK83-46	0.22	0.12	311	<5	21	<10	5.75	<1	70	222	18.7	3.66	0.05	8.04	863	3	0.01	1247	<0.01	8	0.102	131	<2	398	6	<0.01	<5	9	59.85	6
MK83-47	0.22	0.11	151	<5	51	<10	9.11	<1	34	221	5.5	3.1	0.03	8.3	674	6	0.01	647	<0.01	<2	0.048	28	<2	385	8	<0.01	<5	18	30.45	4
MK83-48	0.11	0.21	201	<5	23	<10	4.31	<1	47	229	4.4	5.04	0.05	9.33	843	2	0.01	802	<0.01	<2	0.057	5	<2	334	15	<0.01	<5	35	52.5	16
MK83-49	0.11	1.74	131	<5	33	<10	4.28	<1	53	663	23.1	4.66	0.05	8.96	902	3	0.01	804	0.04	9	0.057	9	<2	249	9	<0.01	<5	57	45.15	4
MK83-50	0.22	2.23	50	<5	10	<10	4.83	<1	38	589	30.8	3.69	0.03	7.72	957	1	0.01	548	0.04	12	0.046	<2	<2	298	5	<0.01	<5	51	33.6	6
MK83-51	0.363	0.77	251.85	<5	10	<10	2.85	<1	54	893	25.3	2.49	<0.01	6.55	536	1	0.01	752	<0.01	3.8	0.098	14	<2	210	9	<0.01	<5	32.2	19.2	2
MK83-52	0.121	2.94	43.7	<5	13	<10	6.83	<1	42	464	3.45	5.3	0.07	7.03	1879	10	0.01	455	0.14	18.05	0.023	3	<2	280	10	<0.01	<5	88.2	96	7
MK83-53	0.242	2.87	9.2	<5	179	<10	4.25	<1	29	254	5.75	5.13	1.15	5.26	2064	2	0.01	131	0.1	19	0.004	8	<2	163	10	0.1	<5	151	66	1
MK84-01	0.121	2.18	<5	<5	9	<10	2.8	<1	30	515	31.05	4.1	0.01	7.65	793	7	0.01	449	0.09	12.35	0.022	4	<2	99.6	5	<0.01	<5	70	63.6	3
MK84-02	0.242	1.1	89.7	<5	14	<10	11.1	<1	44	590	48.3	2.34	0.01	4.65	770	4	0.01	709	0.05	5.7	0.064	7	<2	146	8	<0.01	<5	29.4	36	2
MK84-03	0.121	1.36	35.65	<5	20	<10	4.36	<1	34	376	41.4	4.37	0.05	8.97	1100	3	0.01	539	0.07	8.55	0.028	18	<2	132	6	<0.01	<5	32.2	61.2	5
MK84-04	1.089	2.05	11.5	<5	308	<10	6.2	<1	22	187	72.45	3.86	0.1	1.78	823	2	0.02	66	0.05	11.4	0.019	<2	<2	98.4	8	0.05	<5	113	54	3
MK84-05	0.121	0.06	<5	<5	17	<10	>10	<1	2	21	8.05	0.16	<0.01	0.18	192	49	0.01	12	0.08	<2	0.02	<2	<2	254	<5	<0.01	<5	5.6	7.2	1
MK84-06	3.1	1.13	>10000	20	33	136	7.69	<1	448	32	810	5.11	0.11	0.3	730	71	0.05	74	0.12	47	1.356	42	<2	91.2	41	0.04	<5	14	258	900
MK84-07	0.242	2.73	23	<5	23	<10	10.7	<1	28	323	29.9	5.17	0.26	2.02	1163	2	0.01	133	0.12	10.45	0.006	<2	<2	163	<5	0.04	<5	154	67.2	10
MK84-08	0.121	2.99	<5	<5	16	<10	11	<1	34	546	88.55	4.69	0.39	2.85	2572	1	0.01	166	0.04	16.15	0.012	8	<2	107	6	0.11	<5	204	58.8	4
MK84-09	0.363	2.61	<5	<5	29	<10	10.3	<1	22	110	55.2	6.18	0.6	1.44	843	2	0.01	49	0.19	13.3	0.011	4	<2	84	13	0.1	<5	133	82.8	2
MK84-10	0.242	2.9	<5	<5	48	<10	6.33	<1	24	97	58.65	6.68	0.72	1.63	723	3	0.01	52	0.19	16.15	0.01	5	<2	51.6	17	0.13	<5	192	69.6	4
MK84-11	0.121	2.53	23	<5	105	<10	6.31	<1	25	147	60.95	7.09	0.67	1.73	625	3	0.01	61	0.21	16.15	1.411	11	<2	81.6	18	0.14	<5	140	80.4	2
MK84-12	0.242	2.15	<5	<5	57	<10	2.98	<1	10	45	159.85	2.62	0.42	2.96	567	3	0.01	24	0.05	13.3	0.025	6	<2	42	<5	0.04	<5	125	69.6	1
MK84-13	0.363	3.45	14.95	<5	45	<10	5.99	<1	25	320	118.45	4.15	0.59	5.76	686	4	0.01	175	0.06	24.7	0.035	11	<2	109	10	0.1	<5	213	50.4	1
MK84-14	0.121	2.46	<5	<5	23	<10	5.99	<1	23	726	73.6	2.81	0.13	4.29	735	2	0.01	265	0.07	15.2	0.013	5	<2	109	<5	0.05	<5	112	34.8	2
MK84-15	0.363	0.72	<5	<5	24	<10	16.6	<1	7	204	14.95	0.83	0.03	1.32	752	<1	0.01	95	0.02	4.75	0.012	4	<2	275	<5	<0.01	<5	26.6	18	3

MK84-16	0.242	0.06	<5	<5	20	<10	>10	<1	<1	11	1.15	0.11	<0.01	0.18	499	1	0.01	5	<0.01	<2	0.01	3	<2	305	<5	<0.01	<5	2.8	9.6	2
MK84-17	0.121	0.6	5.75	<5	20	<10	16.3	<1	8	155	11.5	1.03	<0.01	2.04	370	1	0.01	134	0.02	1.9	0.143	7	<2	240	<5	<0.01	<5	23.8	13.2	1
MK84-18	0.242	0.94	20.7	<5	34	<10	17.5	<1	13	251	10.35	1.88	<0.01	3.2	464	3	0.01	218	0.02	9.5	0.636	4	<2	223	<5	<0.01	<5	35	9.6	1
MK84-19	0.121	1.24	<5	<5	3	<10	0.85	<1	44	619	40.25	2.18	<0.01	3.04	319	<1	0.01	817	0.03	5.7	0.409	9	<2	19.2	6	<0.01	<5	56	9.6	1
MK84-20	0.242	0.54	11.5	<5	3	<10	2.45	<1	42	420	48.3	1.56	<0.01	2.38	628	<1	0.01	863	0.02	3.8	0.37	4	<2	67.2	8	<0.01	<5	22.4	6	1

PIONEER LABORATORIES INC. **#103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5** **TELEPHONE (604) 231-8165**

GEOCHEMICAL ANALYSIS CERTIFICATE

SATURN MINERALS INC.
Project: MK-08
Sample Type: Core

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

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MK81-34	32.9	.19	<5	<5	231	<10	.22	<1	10	198	161	1.43	.04	.10	717	17	.01	63	.04	2	.01	4	<2	8	<5	<0.01	<5	10	26
MK82-27	.8	.65	244	<5	353	11	.28	1	102	360	23	9.01	.11	.31	3497	6	.01	1133	.11	3	.02	41	<2	21	7	<0.01	<5	130	158
MK82-29	.5	.36	168	<5	123	<10	4.80	<1	43	168	75	5.04	.09	.90	1245	3	.01	455	.60	4	.09	40	<2	48	<5	<0.01	<5	47	98
MK83-43	.1	.93	79	<5	33	<10	5.38	<1	37	230	20	5.13	.10	5.14	1184	4	.01	483	.12	7	.12	4	<2	293	11	<0.01	<5	65	78
MK83-44	.2	.19	222	<5	96	<10	6.12	<1	52	259	15	4.56	.06	8.37	1039	5	.01	902	.01	10	.09	180	<2	396	12	<0.01	<5	26	62
MK84-11	.1	2.66	27	<5	129	<10	6.46	<1	26	151	59	7.03	.70	1.79	644	2	.01	62	.20	13	1.42	14	<2	81	11	0.15	<5	142	83

Inserted standards and blanks are highlighted

PIONEER LABORATORIES INC #103-2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 TEL.(604)231-8165

GEOCHEMICAL ANALYSIS CERTIFICATE

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: MK-08
Report No. 2082046
Sample Type: Cores/Rocks
Date: December 16, 2008

ELEMENT	Au
SAMPLE	ppb
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

McKee Creek 2008 Project - Quality Control/Assurance Data

The quality control/assurance procedure was conducted on a combined set of samples coming from two properties (McKee Creek and Beavis), where Company conducted exploration drilling programs in summer, 2008. Two different comercially available standards have been applied to verify results of the lab analyses of core samples from both properties. The standards were inserted randomly into the core sample sequences from the McKee Creek and Beavis properties for the gold geochem analysis. The standards are characterized by the following certified gold values:

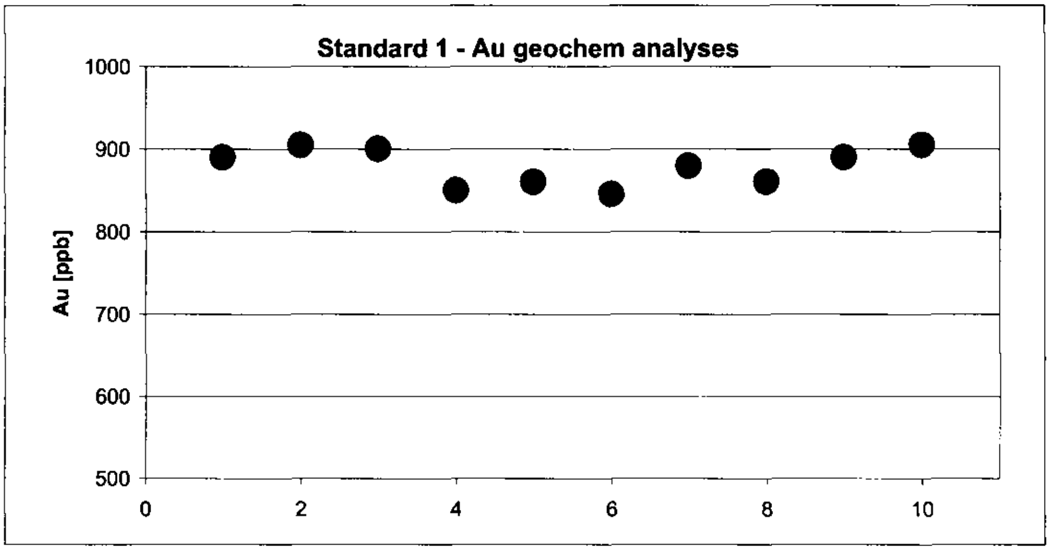
Standard 1	Standard 2
Au [g/t]	Au [g/t]
0.97	0.48
(+/-0.08)	(+/-0.034)

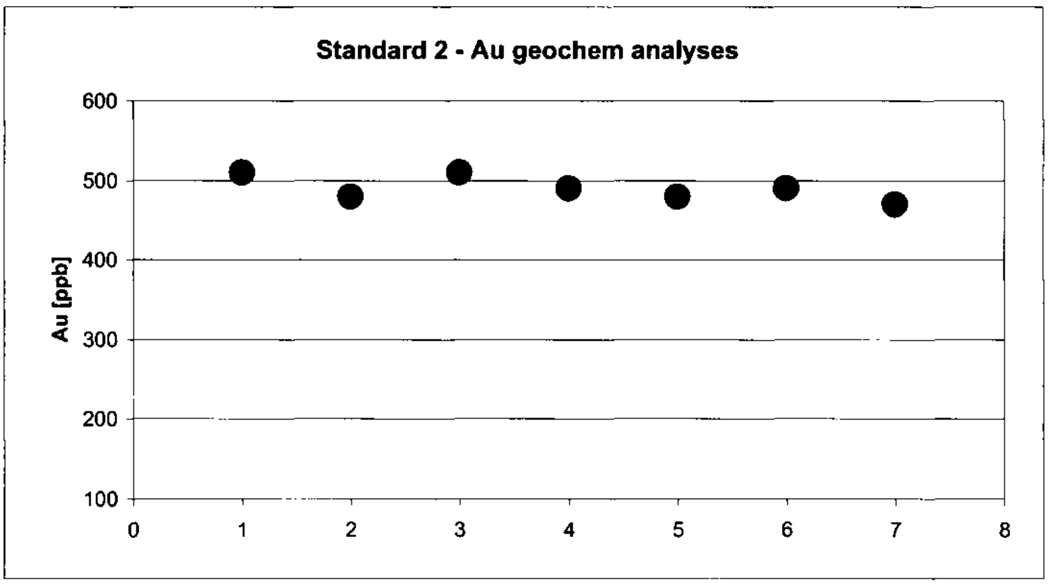
Analyses by Pioneer show relatively little scatter from the recommended values for gold and zinc (both elements assayed). The values for Cu, Pb and Ag are significantly lower than the values suggested by the standard but these values are coming from the ICP method. Some re-checks for Ag and Pb by assaying 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
MK82-10	890
MK83-09	905
MK84-06	900
BS81-07	850
BS81-46	860
BS82-09	845
BS83-14	880
BS84-11	860
BS86-11	890
BS87-38	905
Average	**879**
St. dev.	**23**

Sample	**Standard 2**
	Au
	ppb
MK81-37	510
MK82-40	480
MK83-45	510
BS85-08	490
BS86-44	480
BS87-08	490
BS88-06	470
Average	**490**
St. dev.	**15**

Label MK - samples from McKee Creek property
Label BS - samples from Beavis property





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
MK81-29	0.3	4	2	21	1
MK82-30	0.3	2.2	2.2	17	20
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
MK81-11	2	10
MK81-36	30	22
MK82-33	71	80
MK82-35	31	23
MK82-43	22	19
MK83-14	560	540
MK83-16	1140	1120
MK83-23	305	360
MK84-07	10	5
MK84-11	2	1