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**ASSESSMENT REPORT
ON THE
SPRING 2007 DRILLING PROGRAM
DRAYTON GOLD PROPERTY, DRAYTON TOWNSHIP
PATRICIA MINING DIVISION, ONTARIO**

**CLAIMS PA-1216505, 3007876, 3007937,
3004266, 4204862, 4204863 & 3016213**

by

**Fortune River Resources Corp.,
Suite 1100, 1199 West Hastings Street
Vancouver, British Columbia
V6E 3T5**

for

**Summit Resources Management Ltd
Suite 400, 360 Bay Street
Toronto, Ontario
M5H 2V6**



**May 25, 2008
Toronto, Ontario**

**Aung Myint Thein, P. Eng.
MPH Consulting Limited**

Abstract

The Drayton Gold Property is located in Drayton Township, near Sioux Lookout, Northwestern Ontario. The property comprises 7 mining claims totaling 99 units covering an area of approximately 1584 hectares.

Geologically, the property is underlain partly by mafic metavolcanics of the Neepawa Group and partly by metasediments of the Minnitaki Group, both of which are subdivisions of larger Wabigoon Subprovince of the Superior Province. The Neepawa and Minnitaki Groups are juxtaposed along the Ruby Island Fault. Granitic rocks belonging to the North Bay Stock intrude the volcanic and sedimentary units in the north-central part of the property.

A series of east-northeasterly trending steeply dipping faults or shear zones have been mapped within the property. These structures are known to contain quartz-sulphide veins and stockwork zones which are locally auriferous. The host rock adjacent to the veins and stockwork zones are usually carbonatized, silicified and contain sulphide disseminations.

There are three known mineral prospects, 'FP61', 'WG16' and 'Shaft Area', on the Drayton Gold Property. The 'FP61' Prospect and the 'WG16' Prospect have been previously explored.

The Shaft Area Prospect is of particular concern in this report. The 'Shaft Area Prospect' rediscovered in June 1998, had been explored by systematic outcrop and trench geologic mapping, surface sampling, ground geophysical surveys (magnetic, conventional IP/Resistivity and 3D-IP) and a diamond drilling program consisting of eleven holes totaling 1,674m, prior to the current Y-2007 diamond drilling program.

The current diamond drilling consists of ten holes totaling 2340.85m and was planned to test IP anomalies obtained during a previously completed (2006) 3D-IP survey program conducted in the Shaft Area. The drilling program started on March 6, 2007 and completed on April 16, 2007.

This report summarizes the results obtained during the current drilling program.

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1.0 Introduction

The Drayton Gold Property comprises 7 claims is located in northwestern Ontario near the town of Sioux Lookout.

There are three known mineral prospects, 'FP61', 'WG16' and 'Shaft Area', on the Drayton Gold Property. The 'FP61' Prospect and the 'WG16' Prospect have been previously explored.

The Shaft Area Prospect is of particular concern in this report. The 'Shaft Area Prospect' rediscovered in June 1998, had been explored by systematic outcrop and trench geologic mapping, surface sampling, ground geophysical surveys (magnetic, conventional IP/Resistivity and 3D-IP) and a diamond drilling program consisting of eleven holes totaling 1,674m, all completed prior to the current diamond drilling program.

The current diamond drilling consists of ten holes totaling 2,340.85m. The program was designed by Fortune River to thoroughly test IP anomalies obtained during a previously completed 3D-IP survey covering the Shaft Area and adjacent sections.

The drilling program started on March 6, 2007 and was completed on April 16, 2007.

This report summarizes the results obtained during the current drilling program.

2.0 Property Location and Access

The Drayton Gold Property is located in Drayton Township, Patricia Mining Division, Ontario, some 10 kilometres east-southeast of the town of Sioux Lookout (Figure 1).

Access to the property is very good. The area is reached from the town of Sioux Lookout, by proceeding easterly on paved Highway 642 to Superior Junction and the hamlet of Alcona. From Alcona, the Alcona Bay secondary road leads westward to the property and a private boat landing (permission required) on Alcona Bay, Minnitaki Lake. The total road distance to the property is approximately 20 kilometres.

The property is also readily accessible by boat or snowmobile on Lake Minnitaki depending on the season. The various showings on the property may be easily reached by a combination of light truck, small boat and/or light ATV.

The Canadian National Railway crosses Highway 642 at Superior Junction, the closest railhead, located some 8 kilometres north-northeast of the property. There is a small municipal airport at Sioux Lookout as well as a float plane base.

Sioux Lookout is a regional centre for the forestry and tourism industry in northern Ontario. Sioux Lookout can provide modern housing as well as educational, medical, recreational and shopping facilities. Labour, industrial supplies and services for mining and exploration activities are readily available in the region.

The property has no on site permanent facilities. Other facilities and services such as telephone lines, adequate electrical energy for a mining/ milling operation and an adequate fresh water supply are all situated within several kilometres of the property.



Figure 1: Location Map

Topographically, the property has low to moderate relief and undulating terrain with elevations to approximately 365-400m metres above sea level.

The main drainage feature in the area is Minnitaki Lake which is part of the major English River drainage system. The property is located at south shore of Alcona Bay of Minnitaki Lake.

Most of the property is covered by a combination of glacial overburden, swamp and water, although fairly abundant outcrop is found along the Lake Minnitaki shoreline and in scattered elevated places inland. The overburden is predominantly sand and gravel with localized remnants of basal till.

3.0 Property and Agreements

The area over which the Property owners have mineral rights include 7 mining claims, comprising 99 units, covering an unsurveyed area of some 1584 hectares (Figure 2). A summary of mineral rights is provided in Table 1.

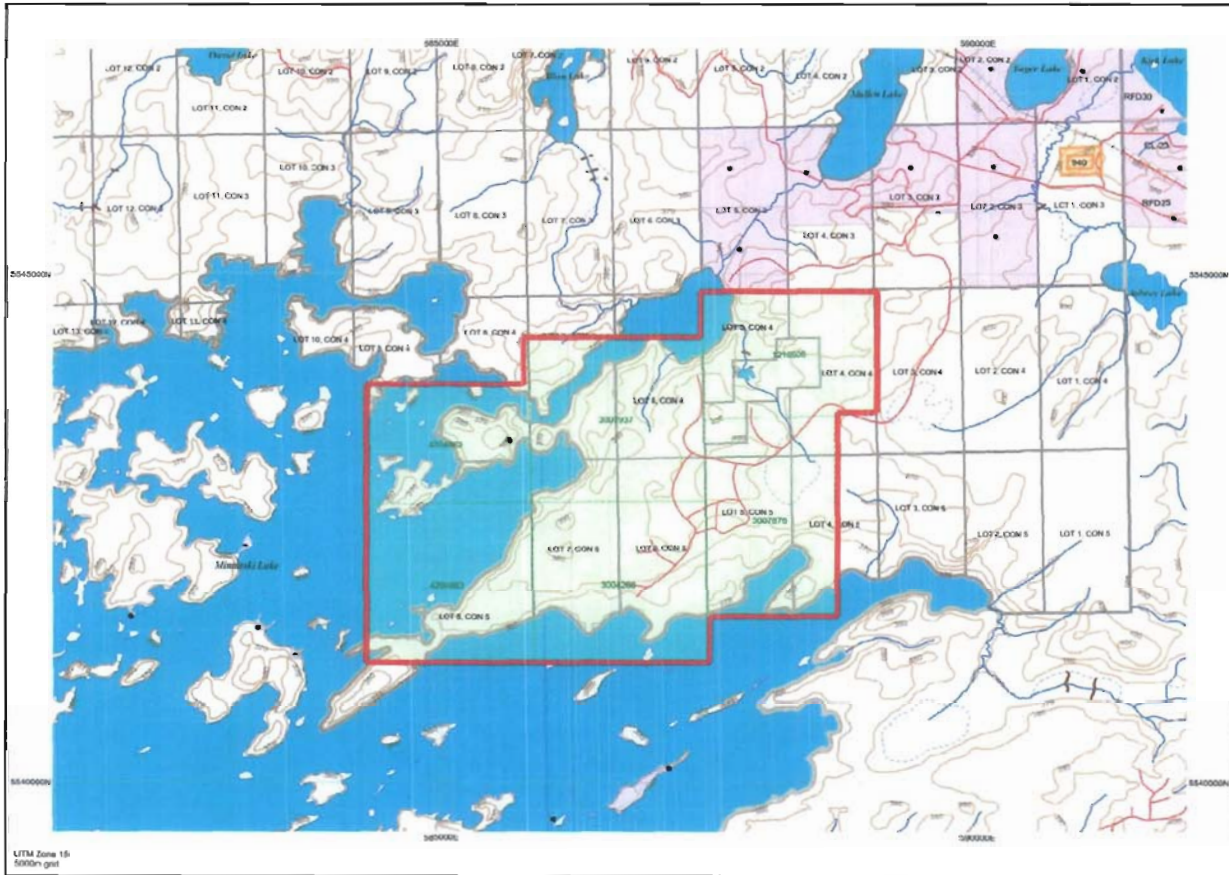


Figure 2: Claims Map

Table 1: Drayton Gold Property, List of Mining Rights
NTS Reference: 52A, Claim Map: G-3379

TOWNSHIP	CLAIM #	UNITS	SIZE (ha.)	DATE RECORDED	DUE DATE
Drayton	PA 1216505	12	192	1998-Jun-26	2011-Jun-26
Drayton	PA 3007876	15	240	2004-Nov-26	2011-Nov-26
Drayton	PA 3007937	16	256	2005-Mar-11	2012-Mar-11
Drayton	PA 3004266	16	256	2005-Jun-01	2012-Jun-01
Drayton	PA 4204862	12	192	2005-Jun-01	2012-Jun-01
Drayton	PA 4204863	16	256	2005-Jun-01	2012-Jun-01
Drayton	PA 3016213	12	192	2006-May-23	2012-May-23
	Total	99 Units	1584 Hectares.		

The claims are registered in the name of Summit Resources Management Ltd. The claims are subject to an option to purchase agreement whereby the Fortune River Resources Corporation can earn a 100% interest in the property, subject to a 2.5% Net Smelter Return Royalty ("NSR") payable to the Optionor, by making cash payments totaling \$180,000, issuing shares to the Optionor, and carrying out a work commitment.

4.0 Regional Geology and Types of Gold Deposits

The Drayton Gold Property lies within the western Wabigoon Subprovince. It is a greenstone belt terrane with length over 300 kilometres stretching from Savant Lake in the east to beyond Lake of the Woods in the west (Figure 3).

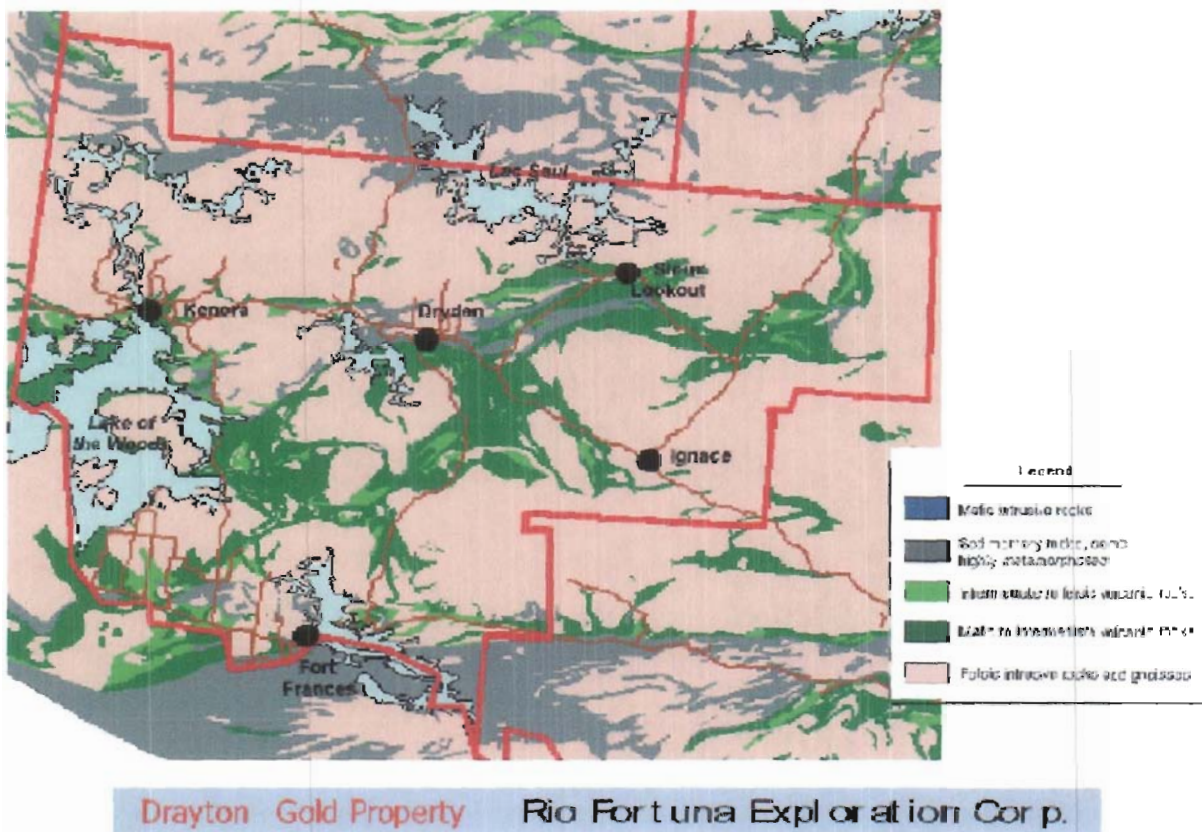
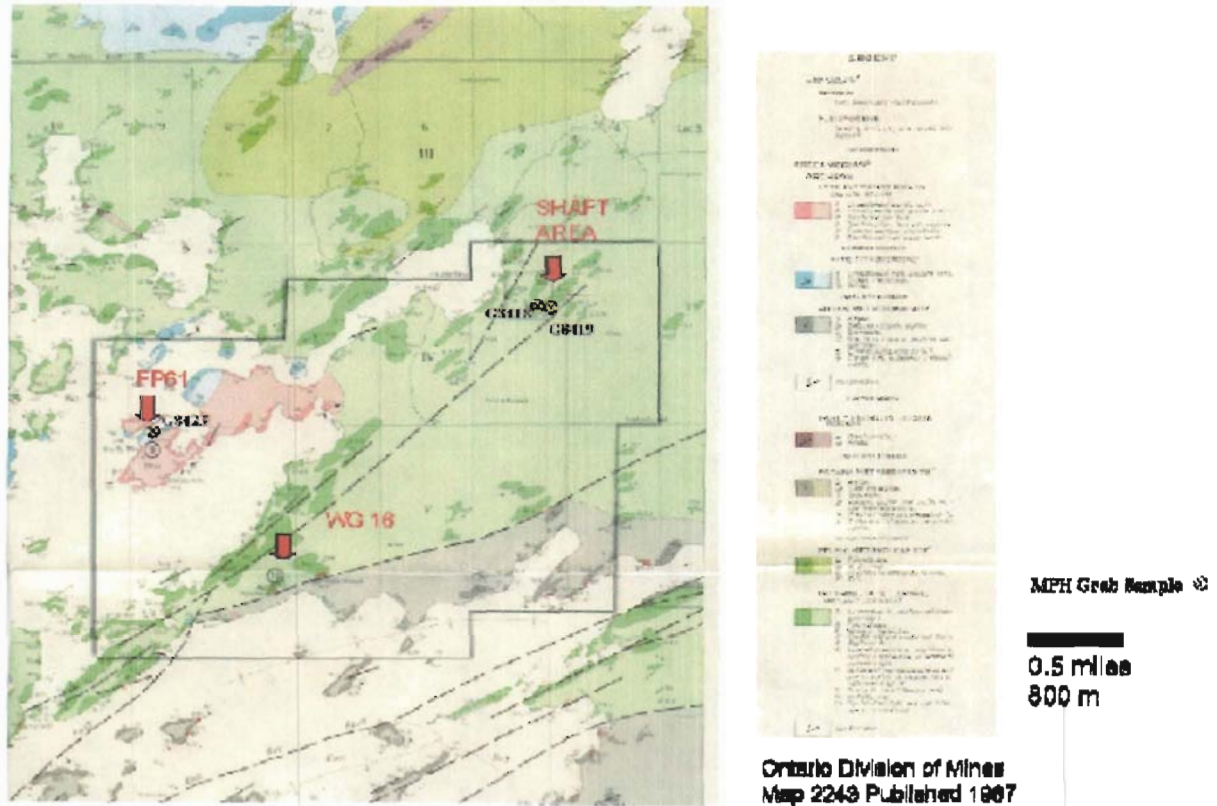


Figure 3: Regional Geology

The Wabigoon supracrustal rocks in the Sioux Lookout area include mafic and felsic metavolcanic rocks, metasediments and related intrusive rocks that have been intruded by Archean granitoid stocks. These supracrustal lithological assemblages have been subdivided into five zones from north to south including the Northern Volcanic Belt, the Northern Sedimentary Belt (Abram Group), the Central Volcanic Belt (Neepawa Group), the Southern Sedimentary Belt (Minnitaki Group) and the

Southern Volcanic Group (Turner and Walker, 1973).

The Drayton Gold Property contains portions of the Neepawa Group, the Minnitaki Group and part of the Northeast Bay Stock which ranges in composition from trondhjemite to quartz diorite (Figure 4).



Drayton Gold Property Rio Fortuna Exploration Corp.

Figure 4: Property Geology

The Neepawa Group: This Neepawa Group southeast of Sioux Lookout is juxtaposed with the Abram Group to the north along the Abram Lake/Little Vermillion Fault system and with the Minnitaki Group to the south along the Ruby Island and related faults (Johnston, 1972). The volcanic belt comprises two volcanic/volcaniclastic sequences with the first including basaltic to andesitic lavas, pillow lavas and variolitic lavas together with basaltic to dacitic volcaniclastic and epiclastic units ranging from tuffs to agglomerate and breccia. Minor iron formation and quartzite is also present in this sequence. The second sequence is rhyolitic to dacitic in composition including rhyolite, porphyritic rhyolite and dacite flows plus felsic tuffs and agglomerate. The volcanic units are locally intruded by early quartz porphyry, felsite and trachyte dykes and late granitic, syenodiorite, diorite and gabbro plutons.

Most younging determinations in the Neepawa Group indicate a sub-vertical northeast-trending

southerly-facing succession, although local deviations may occur adjacent to intrusive rocks. As noted above the belt is bounded on both sides by prominent northeasterly sub-vertical strike fault systems. Widespread lesser faults and shear zones with a variety of orientations are present throughout the belt. A number of gold occurrences are associated with some of these structural features.

The Minnitaki Group: The Minnitaki Group or Southern Metasedimentary Belt contains deep water sediments including slates, and periodic turbidite cycles ranging from graded slates, graded arkoses and graywackes, to polymictic conglomerates. The conglomerates contain rounded pebbles and boulders of quartz and quartz-feldspar porphyry with minor felsic and mafic volcanic and granitic fragments. Angular slate and laminated slate fragments are locally common in the conglomerates (Johnston, 1972).

The sedimentary rocks are structurally complex in the East Bay, Minnitaki Lake area. Three major strike faults, (Ruby Island, East Bay and Twinflower Faults) and several lesser breaks disrupt the succession, while a series of upright anticlinal and synclinal folds further complicate the picture.

Late Intrusive Rocks: The Neepawa Group volcanic rocks in the northeastern Minnitaki Lake area are intruded by two zoned stocks, the David-Allan Lakes Stock and the Northeast Bay Stock. These oval shaped bodies are characterized by outer zones including gabbro, hornblende diorite and syenodiorite and inner cores ranging from quartz-'eye' trondhjemite to quartz diorite (Johnston, 1972).

Gold Occurrences: There are two styles of gold occurrences in the Sioux Lookout area. They are lode type deposits associated with quartz +/- carbonate veins and stockwork in or near tectonic zones and a high sulphidation feldspar porphyry related copper-gold-molybdenum type.

- **Auriferous Quartz Veins and Stockworks:** This style of gold mineralization is most common and widespread in the area. Auriferous quartz veins occur in a variety of orientations and lithologic units including the various volcanic and volcanoclastic units as well as epizonal plutons including quartz and quartz-feldspar porphyry dykes, and metadiorite and metadiabase intrusions. Examples of this type of mineralization can be found at the Goldlund Mine 42 kilometres southwest of Sioux Lookout, the Shaft Area on the current property, the Alcona Mine area, and the Neepawa Island and Burnthut Island occurrences at Minnitaki Lake. Typical auriferous quartz +/- iron carbonate veins may contain disseminated or blotchy sulphides, chiefly pyrite with minor chalcopyrite, sphalerite and galena together with calcite, +/- ilmenite, +/- tourmaline and fuchite, with local native gold and telluride minerals. The various host rocks adjacent to the veins may be sheared, carbonatized, silicified and sulphide mineralized.

- **Porphyry Related Cu-Au-Mo Mineralization:** This type of mineralization occurs at contact zone of brecciated mafic volcanics, dioritic rocks and granitoid material (Johnston, 1972). The host rocks of the mineralization are variably altered by silicification, sericitization and chloritization. The mineralization is frequently associated with randomly oriented quartz-carbonate veinlets and stringers and with nests of tourmaline needles. The Island FP61 Prospect located within the property is an example of this style of mineralization.

5.0 Property Geology and Gold Occurrences

5.1 Outcrop Geology

Geologic mapping in 2004 indicates the north and central part of the property is underlain by a succession of northeasterly striking, steeply dipping and south facing mafic metavolcanics sequences belonging to Neepawa Group.

Mafic metavolcanics comprises both flows and volcanoclastics rocks. Flows are fine to aphanitic, intermediate to mafic composition and exhibit variolitic, amygdaloidal and pillow features. They are also in general are massive to weakly sheared and are exposed on ridges and elevated high grounds. Mafic volcanoclastic rocks comprise tuffs, lapilli tuffs and agglomerates, and occupied low-lying areas between ridges. Medium-grained, equigranular, dioritic flows are recorded on ridges south of Alcona Bay.

Intense shearing, quartz-carbonate alteration, auriferous quartz-sulphide veins and stockworks are recorded in trenches adjacent of the Shaft Area and in the WG 16 Area. Elsewhere within the property, such shearing and alteration are incipient and are less evident. The trenches of the WG 16 Area are mostly covered at present.

The gold mineralization in trenches in the Shaft Area occurred associated with quartz-carbonate veinlets and veins (average 5cm to up to 80cm). Visible gold is evident in some portions of these veins. These veinlets and veins form stockwork zones in places. Thin reddish felsic dykes characterized by euhedral pyrite cubes are recorded in Trench #3 W.

The mafic metavolcanics of Neepawa Group are in fault-contact with slates and metagraywackes of Minnitaki Group. The fault trends approximately 080° within the property and belongs to regional Ruby Island Fault. Shearing is pronounced in metasedimentary units. Although hairline quartz-carbonate veinlets are widespread within shear planes, no silicification and quartz-sulphide veining associated with gold mineralization are evident in these exposures.

Quartz feldspar porphyry dykes are mapped in three locations, two within metavolcanics and one within metasediments. These dykes are sheared, and sericitized to quartz-sericite schists in places. Quartz-carbonate veining up to 4cm occurs within shear planes. Chloritization is also evident along shear planes.

Granitic rocks are mapped in the north-central part of the property on the south shore of Alcona Bay. They form part of the larger known North Bay Stock.

5.2 Gold Occurrences

There are three known mineral prospects on the Drayton Gold Property that have seen previous work. These are termed the 'FP61', 'WG16' and 'Shaft Area' locations by the current Property holders (Figure 4).

The 'FP61' Prospect: This Cu-Au-Mo prospect, originally known as the McCombe Occurrence on Island FP61, Minnitaki Lake, represents porphyry related Cu-Au-Mo style mineralization of the Sioux Lookout Area. The northeast trending hybrid contact zone between quartz porphyry and

diorite intrusive rocks hosts disseminations, blotches and stringers of chalcopyrite, pyrrhotite and pyrite with rare specks of molybdenite within the prospect.

The prospect was originally staked in 1951, but allowed to lapse, by J. Donnelly of Port Arthur (Johnston, 1972). R. J. McCombe of Sioux Lookout restaked the claims and optioned them, firstly to Noranda Mines Limited, and then to Rio Tinto Canadian Exploration, between 1957 and 1961. Noranda reportedly conducted an electromagnetic survey before dropping its option while Rio Tinto completed an Induced Polarization survey, did some trenching, and drilled 5 holes totaling 1,659 feet (506 m) before doing likewise. The best reported drill intersection was in hole M-1 from 247.0 to 291.5 feet (75 to 89 m), a 44.5 foot (14 m) core length averaging 0.57% Cu and 0.04 oz Au/T (1.37 g Au/t), including a 12 foot (3.66 m) section averaging 1.20% Cu and 0.065 oz Au/T (2.23 g Au/t). The same hole also intersected 0.25% Cu and 0.22 oz Au/T (7.54 g Au/t) over 5 feet (1.52 m) between 205.0 and 210.0 feet (62.48 and 64.0 m).

Norlode Resources Inc. reacquired the prospect in the late 1980's and drilled 7 shallow AX (1 3/8") holes totaling 1,403 feet (428m) from three locations in essentially the same area as tested previously by Rio Tinto. Norlode encountered similar grades and core lengths as before, with its best drill intersection from DDH 88-3, between 65.0 and 135 feet (19.81 to 41.15 m), a core length of 70 feet (21.34 m) assaying 0.47% Cu and 0.018 oz Au/T (0.62 g Au/t) including a 6.0 foot (1.83 m) section assaying 1.61% Cu and 0.093 oz Au/T (3.19 g Au/t). No work had been recorded since then.

The 'WG16' Prospect: This prospect, also known as the Wright-Hargreaves occurrence, is located at the contact zone between the Neepawa Group volcanics to the north and the Minnitaki Group sediments to the south. The contact zone is carbonate (ankerite)-silica altered shear zone with quartz-carbonate veins and stringers, approximately 5 metres thick, with 3-5% pyrite and trace molybdenite mineralization (Janzen, 1992).

The prospect was originally staked in the late 1940's by R. J. McCombe of Sioux Lookout, who conducted trenching and limited x-ray drilling in 1948 before optioning his property to Wright-Hargreaves Mines Limited in 1951 (Johnston, 1972). Wright-Hargreaves undertook a geological mapping and extensive sampling program before dropping the option.

The prospect was visited in the summer of 1980 by A. A. Speed of the Ontario Geological Survey (Speed, 1980). A few old trenches and a small amount of x-ray core were observed in the area.

In 1991 and 1992, Teck Exploration Limited conducted a substantial systematic exploration program on the showing and 2 kilometres along its possible eastward extension (Janzen, 1992). The program consisted of ground geophysics including magnetic, VLF electromagnetic and IP surveys followed by trenching and diamond drilling. In all the program included 35 km of magnetic and VLF-EM surveying, 9.3 km of time domain dipole-dipole IP/Resistivity surveying, 6 backhoe trenches and 9 diamond drill holes totaling 1029m were completed. The work traced a mineralized silica-carbonate altered contact zone over a distance of 1,100 metres but only found anomalous sub-economic gold grades ranging from <5 ppb to 1.5 g Au/t across the approximately 5 metres section. The best drill sample was a 1.0 metres core length sample assaying 2.03 g Au/t. The property was relinquished and no work had been recorded since then.

The 'Shaft Area' Prospect: During the course of mapping the Abram Lake Sheet, Map 2243, F. J. Johnston observed some old trenching and one diamond drill location near the southeastern corner of

Mining Location K171 one of three former patented claims in the area (Johnston, 1972). Glen Seim, former MNDM Resident Geologist-Sioux Lookout, discovered an old shaft in this block in June 1998. However, there is no known public record on the area.

This area lies on a prominent structural feature, a splay or offshoot of the Ruby Island Fault which is part of the same system that hosts the 'WG16' prospect on the current property as well as the Neepawa Island and Burnthut Island prospects located to the west.

The mineralization in this area consists of quartz veins containing sulphides and variable amounts of gold that have been intermittently traced by limited recent surface trenching over an approximately 400 metres strike length. The veins in this area are contained in mafic volcanic that are sheared, silicified and carbonatized.

The current property was staked in 1998 by prospectors, I. J. Riives and A. Glatz. Also in 1998, the prospectors installed a flagged grid on which they conducted 3.4 line kilometres of magnetic and VLF-EM surveying. Manual and limited backhoe trenching was done in the shaft area at this time. Several grab samples from the trenches and old muck pile beside the shaft returned interesting gold values including two samples exceeding 1 oz Au/T (34.28 g Au/t).

In 1999, during the month of September-October, the prospectors secured funding to conduct further work under the Ontario Prospector Assistance Program (OPAP 99-396). Six new backhoe trenches were dug, washed where possible and sampled (approximately 30 samples) mostly by grab samples, with a few chip and sawed channel samples. Again some samples returned interesting gold values.

During the month of May-June 2004, the 1179785 Ontario Limited conducted grid geologic mapping, detailed trench mapping and channel sampling of the four trenches in the Shaft Area.

As follow-up to geologic mapping, the 1179785 Ontario Limited contracted Dan Patrie Exploration Ltd. to conduct magnetometer survey and IP/Resistivity survey over parts of the property in February-April, 2005. Several coincident IP/Resistivity anomalies were obtained.

Fortune River Resources Corporation optioned the property in 2006 and tested IP/Resistivity anomalies by 11-holes diamond drilling program in 2006. Subsequent to this drilling program, Fortune River Resources also further tested the main Shaft Area by 3D-IP survey.

The current diamond drilling consists of ten holes totaling 2340.85m and was planned to test 3D-IP anomalies obtained during Y-2006 3D-IP survey program.

6.0 March-April 2007 Drilling Program

6.1 Drill Program

A diamond drilling program consisting of ten NQ-size drill holes totaling 2,041m were drilled on the property during the months of March-April 2006.

Personnel and contractors involved in the program are:

- Howard Coates, Senior Geologist (program supervision)
- Aung Myint Thein Project Geologist (drill supervision, core-logging, report)
- Adam Greening Geologist (core logging)
- Dave Zabudsky (core-sawing)
- Drill Contractor: Top Rank Diamond Drilling Ltd, Manitoba.

All drill holes were located in the Shaft Area and tested high-priority 3D-IP anomalies (as selected by the geophysical contractor) obtained from 2006 geophysical survey program. Maps showing drill hole locations, surface cum drill-projected geology, individual drill hole vertical sections and composite longitudinal are attached (Map 1 to Map 11, in pocket).

Drillholes information for current drilling program is listed in Table 2.

Table 2: Diamond Drill Hole Information

Hole Number	Northing	Easting	Elevation (m)	Azimuth (°)	Inclination (°)	Depth (m)
DT07-11	2625	5300	387	320	-50	200.00
DT07-12	2775	5300	382	140	-50	101.00
DT07-13	2975	5050	380	320	-50	209.00
DT07-14	2850	5150	376	320	-55	261.51
DT07-15	2850	5000	379	320	-50	338.00
DT07-16	2870	5275	382	320	-50	341.34
DT07-17	2850	5525	392	320	-50	176.00
DT07-18	2870	5700	387	320	-50	173.00
DT07-19	2890	5800	387	320	-50	176.00
DT07-20	2850	5000	387	320	-75	365.00

Detailed drill logs of all ten holes with assay results are included in Appendix I.

The drill core sections designated for analyses were cut in half using a diamond bladed rock saw. Half core samples for analysis were shipped by bus from Dryden to Thunder Bay, to Accurassay Laboratories, Ontario. The sample records are kept in duplicate in a field note book and a numbered sample book. One numbered tags were then placed inside the sample bags.

Sample preparation at the Accurassay Laboratories was done according to standard industry practice by crushing, splitting and pulverizing the core or rock samples to obtain pulps for assay and/or geochemical analyses. A rigorous series of in-laboratory duplicate, reference and blank sample analyses are routinely carried out.

All samples were analysed for gold using Accurassay Laboratory Code-ALFA2 (Au Fire Assay/AA Finish (50gm) on 250-400 gm pulp / 5ppb DL).

Selected samples, those returning anomalous values were re-cut and were re-assayed. In addition they were also analysed for metallic gold assay (ALPM1: Au Pulp Metallics/1000g sample sieved through 150-mesh. Entire +150 fraction assayed and two duplicate -150 assays).

ICP 32 elements (Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, W, Y, Zn) determination were conducted on all drill core samples during the program. Assay certificates from Accurassay Laboratories from Thunder Bay are included in Appendix II.

6.2 Drill Geology of Shaft Area

Based on current and previous drill information, the area tested is underlain by variably sheared, northeast striking, steeply dipping south-facing mafic volcaniclastic tuff, mafic to intermediate flow and interlayered waterlain tuff and siliceous cherty sediments (Map 1). Shearing is generally parallel to sub-parallel to bedding and the intensity ranges from weak to strong. The stratigraphy is commonly cut by late diorite dykes. Only one narrow reddish felsic (probably syenite?) dyke was intersected in drill holes located adjacent to the shaft. This reddish felsic dykes contain 2-3% very distinctive 2-3mm euhedral pyrite cubes.

One broad buff coloured strong to intense quartz-carbonate alteration zone, up to 10-40m in width, 150m in length had been traced to a depth of 200m during the two drilling programs. This broad carbonate alteration zone is preferably located within mafic volcaniclastic tuff and is parallel to stratigraphic strike. Silicification is encountered in two holes within carbonate alteration haloes. It is immature to conclude the relation between carbonate alteration and silicification. However, they exhibit spatial relationship and may indicate different degree of intensity of alteration system.

In addition to silicification, the pervasive buff colored quartz-carbonate alteration intervals in places is superimposed with reddish hematitic Fe-carbonate veinlets and alteration.

The broad carbonate alteration zone is not strictly tabular in shape. It exhibits irregularities in width and in orientation. It was splitted into three sub-parallel zone in the west and converged into one in the central and eastern portion of the area.

At least three generations of quartz carbonate veins and veinlets have been identified. The earliest set is parallel, clean-cut, confined and healed shear planes. The latter two sets, evident by cross-cutting relationship, are irregular wavy, wispy vein-like to large blebs oblique to shear planes. These quartz-carbonate veinlets cut both pervasive altered and unaltered intervals without any apparent preference. The late qtz-CO₃ vein also contains xenoliths of intense CO₃ altered mafic tuff. These observations may suggest quartz-carbonate veining period is possibly younger than the pervasive quartz-carbonate alteration. No significant stockworks or larger veins are intersected in the drill holes that may suggest their association within pervasive alteration.

Visible gold observed to date are within the younger oblique quartz-carbonate veinlets. Higher elevated gold values (>100 ppb Au) recorded are associated with the late 1-2cm wide qtz-CO₃

veins usually containing visible VG. Such examples include:

- Sample #612290 from DT07-13 assaying 0.552 gpt contains a 0.5mm VG speck in 2cm wide late qtz-CO₃ vein
- Sample #259079 from DT07-15 assaying 0.544 gpt contains a VG speck
- Sample #259084 from DT07-15 assaying 0.932 gpt contains two VG specks

Again, the VG-bearing late quartz-CO₃ veinlets are preferably located within carbonate alteration haloes rather than in unaltered intervals. This observation may hint the gold mineralization to be associated with carbonate alteration, in fact, it is possible that carbonate alteration may just have contributed favourable physio-chemical conditions for gold deposition in compare to unaltered intervals.

6.3 Anomalous Zones

Construction of anomalous zones using drill intersections averaging more than 100 ppb Au, and those that form correlateable planar structure between adjacent holes were defined during the program. A total of five discrete anomalous zones had been outlined (Map 1 and Map 11).

Zone 1: It is constructed from two drill intersections containing in two adjacent holes.
DT06-10: 20.42-29.57m interval averaging 335 ppb over 5.60m
DT07-13: 33.75-46.20m interval averaging 395 ppb over 12.45m

Zone 2: It is constructed from two drill intersections containing in two adjacent holes.
DT06-10: 87.33-91.13m interval averaging 686 ppb over 3.80m
(including 88.83-90.33m interval with 1.882 gpt Au (metallic: 2.603 gpt)
DT07-13: 102.50-110.00m interval averaging 121 ppb over 7.50m

Zone 3: It is constructed from two drill intersections containing in two adjacent holes.
DT06-02: 107.69-114.44m interval averaging 774 ppb over 6.75m
(including 107.89-108.51m interval with 1.826 gpt Au (metallic 2.891 gpt) and 111.86-114.44m interval with 0.920 gpt Au (metallic 1.011 gpt)
DT06-03: 85.28-86.78m interval averaging 582 ppb over 1.50m

Zone 4: It is constructed from three drill intersections containing in two adjacent holes.
DT06-03: 60.50-64.94m interval averaging 196 ppb over 4.44m
DT06-04: 126.98-137.10m interval averaging 292 ppb over 10.12m
(including 136.10-137.10m interval with 1.978 gpt Au (metallic: 1.926 gpt)
DT06-04: 146.84-160.12m interval averaging 608 ppb over 13.28m
(including 146.84-148.34m interval with 1.303 gpt Au (metallic: 1.659gpt) and 158.58-160.12m interval with 3.944 gpt Au (metallic 4.332 gpt)

Zone 5: It is the most continuous zone and is constructed from four drill intersections containing four adjacent holes.
DT07-16: 149.00-151.81m interval averaging 128 ppb over 2.81m
DT06-05: 104.15-117.96m interval averaging 181 ppb over 13.81m
(including 116.41-117.96m interval with 1.167 gpt Au (metallic: 1.004 gpt)
DT06-06: 65.85-79.23m interval averaging 334 ppb over 13.38m

(including 65.85-66.54m interval with 1.226 gpt and 66.54-68.08m interval with 2.167 gpt Au)
 DT07-17: 77.00-80.00m interval averaging 332 ppb over 3.00m

In general these anomalous zones assumed flattened pipe-like bodies (mineralization shoots) and their weighted average values are below 1 gpt Au.

In addition to these anomalous zones there are several significant stand alone drill intersections (over 1.0 g/t Au) within the area (Table 3).

**Table 3: Significant Gold Intersections
 Y2007 Drilling Program**

Hole Number	From (m)	To (m)	Interval (m)	Host Lithology	Alteration	Half Sample Au-50gm (gpt)
DT07-14	167.00	168.50	1.50	Mafic Tuff	Qtz-CO3	1.490
	217.30	218.80	1.50	Sediments	massive	13.573

Y2006 Drilling Program

DT06-01	38.61	40.78	2.17	Mafic Tuff	Qtz-CO3	5.489
	50.50	52.45	1.95	Mafic Tuff	Qtz-CO3	1.705
	54.78	57.00	2.25	Mafic Tuff	Qtz-CO3	1.110
	104.22	105.77	1.55	Sediments	massive	1.983 (metallic)

Drill intersections with assay values > 1 gpt recorded both during current and previous drilling programs are not correlateable between adjacent holes.

7.0 Conclusions and Recommendations

1. The Shaft Area has been explored by systematic geologic mapping, ground geophysical surveys consisting two IP/Resistivity programs and two diamond drilling programs between 1998 and 2007.
2. Five anomalous zones have been outlined during the diamond drilling programs. The weighted average values of these zones are below 1 gpt Au.
3. In addition to these zones there are several significant stand alone drill intersections (over 1.0 g/t Au). They are not correlateable between adjacent holes to form significant zones. The high assay values in most cases were determined to be associated with visible gold in very narrow (1-2 cm) isolated quartz veinlets.

No further work is recommended for the Shaft Area.

SUMMARY OF EXPENDITURES

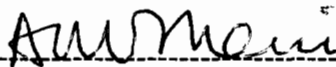
Item	Amount	
Staffing		\$93,200.00
Senior Geological Consultant	15.5 days @ \$1000/day	\$15,500.00
Senior Geologist	49.75 days @ \$800/day	\$39,800.00
Field Geologist	32.4 days @ \$500/day	\$16,200.00
Geophysicist	3.15 days @ \$800/day	\$2,520.00
Data Processing/CAD	34 hrs @ \$60/hr	\$2,030.00
Support Costs		\$33,583.35
Food and accommodation		\$13,275.71
Field equipment and supplies		\$7,112.36
Map and drawing charges		\$2,105.00
Travel		\$4,451.13
Communications		\$1,511.08
Vehicle rental		\$3,615.07
Vehicle fuel and maintenance		\$1,513.00
Drilling Contract Costs		\$344,014.04
Mob/demob		\$12,000.00
2014 m NQ core drilling, includes stand-by, consumables, drillers food & motel accommodation		\$332,014.04
Analyses		\$9,914.11
Assays/analyses		\$9,914.11
Report		\$6,208.87
Sub total		\$576,034.37
Management fee (Summit Resource Management) 10%		\$57,603.44
Grand total (GST not included)		\$633,637.81

CERTIFICATE OF QUALIFICATION

I, Aung Myint Thein, residing at 46 Deanvar Avenue, Toronto, Ontario, do hereby certify that:

1. I have been employed continuously from 1970 to 1988 as a geologist with various major mining organizations, UN projects and governmental organizations; from 1988 to 1998 as a senior geologist with MPH Consulting Limited and to the present as Senior Geological Consultant.
2. I am a graduate of Rangoon Arts and Science University, Rangoon, Burma with a B.Sc (1970) degree specializing in Mining/Engineering Geology, and with a M.Sc. (Applied) (1976) degree in Mineral Exploration from McGill University.
3. I am a Professional Engineer registered with Corporation of Professional Engineers of Ontario.
4. I have direct experience in drilling, sampling, evaluation and reserve estimation of primary gold deposits in Ontario and elsewhere.
5. I have no interest, direct or indirect, in the Drayton Gold Property or any of its mineral interest or associate companies, nor do I expect to acquire any such interest.

Toronto, Ontario
May 25, 2008



Aung Myint Thein, M.Sc. (A), P.Eng.

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Appendix I

Drill Logs (DT07-11 to DT07-20)

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-11

Property: Drayton Property	Commenced: March 8, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: March 10, 2007	Method: Reflex Test		
Collar Co-ordinates: 2625N/5300E (GPS 0588404/5544238)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 200.00m	Core Size: NQ	0m	320.0°	-50.0°
Bearing: Grid North (N40W)	Casing Left in Hole: None	50m	322.1°	-49.8°
Inclination: -50°	Logged by: Adam Greening	100m	324.2°	-46.8°
Collar Elevation: 387m (approx.)	Core Location: Sioux Lookout	150m	330.9°	-42.9°
		200m	330.2°	-38.4°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	3.42	3.42	Overburden						
3.42	32.26	28.84	Mafic Tuff -overall mottled greenish colour, fragmental texture although minor layering is apparent 45 degrees to core axis, visible minerals hbl+chl+CO3+qtz+felsics, weak shearing 45 degrees to core axis, no brittle deformation, unaltered, veins of qtz+CO3+ep+py (4% of interval), pyritiferous matrix (1%) occurs as anhedral mm scale disseminations and blebs. <u>6.27-6.59m:</u> Ep rich zone, multiple qtz+CO3+Ep+minor py veins parallel to shear direction, a second set of veins runs perpendicular to shearing direction <u>7.24m:</u> 5cm qtz+CO3+ep vein <u>10.53-10.83m:</u> Ep rich zone, veins and blebs of ep+CO3+qtz (15% of interval) <u>12.34-13.44m:</u> qtz+CO3+Py veins, veinlets and blebs, veins are 20 degrees to core axis, py 1-2% (10% of interval) <u>14.85m:</u> 10cm qtz+CO3 bleb <u>20.65m:</u> 20cm qtz+CO3+py vein, py <1%, 45 degrees to core axis <u>25.64m:</u> 3cm qtz+CO3 vein <u>26.92-27.02m:</u> Moderate shear zone, 45 degrees to core axis, py <1% <u>32.15m:</u> 5cm qtz+CO3+py vein (<1%)	612251 612252	7.20 27.8	8.70 29.30	1.50 1.50	5 5	
32.26	39.93	7.67	Intermediate to Mafic Lapilli Tuff -overall mottled greyish green colour, fragmental texture, fine grained matrix, fragments medium grained, visible minerals hbl+chl+CO3+qtz+felsics, mostly massive, weakly sheared 45 to core axis in some places, no brittle deformation, unaltered, qtz+CO3+ep+py veins and veinlets (2% of interval), pyritiferous matrix (<1%) occurs as euhedral fine grained disseminations, contact with uphole unit is sharp 45 degrees to core axis <u>32.46-34.28m:</u> Sheared section of unit <u>34.28-39.93m:</u> Massive section of unit <u>36.85m:</u> 2cm qtz+CO3 vein <u>37.44m:</u> 3cm qtz+CO3 vein						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
39.93	56.10	16.17	Intermediate Lapilli Tuff -grey mottled colour, fragmental texture, fine grained matrix fragments medium to coarse grained layering is apparent 45 degrees to core axis, visible mineralogy hbl+chl+CO3+qtz+felsics, minor bands of pink felsic units occur intermittently (kspar?), weak shearing 45 degrees to core axis, no brittle deformation, unaltered, very minor qtz+CO3+py veining (<1% of interval), pyritiferous matrix (<1%) occurs as subhedral fine grained disseminations and blebs, a short interval occurs where fragment % is greatly increased, contact with uphole unit is sharp 45 degrees to core axis. <u>41.00-41.79m</u> : Felsic banding (cm scale), bands are 45 degrees to core axis <u>41.79-42.19m</u> : Increase in % of fragments, interval has a more whiteish colour (more felsic?) <u>42.19-43.24m</u> : Felsic banding like 41.00-41.79m interval <u>45.55-45.90m</u> : Felsic banding like 41.00-41.79m interval	612253 612254	41.00 49.80	42.53 51.30	1.53 1.50	5 5	
56.10	92.89	36.79	Mafic Tuff -similar to unit from 3.33-32.26m interval, contact with uphole unit is gradational indistinct qtz+CO3 veins (5% of interval), py <1%-1% <u>60.45m</u> : 3cm qtz+CO3 vein <u>63.23m</u> : 3cm ep+qtz+CO3 bleb <u>64.75m</u> : 8cm ep+qtz+CO3 bleb <u>67.25m</u> : 4cm ep+qtz+CO3+py bleb, py <1% <u>67.75-68.05m</u> : Epidote rich interval <u>71.24m</u> : 4cm qtz+CO3 vein <u>74.28m</u> : 8cm ep+qtz+CO3 bleb <u>82.45m</u> : 10cm ep+qtz+CO3+py bleb, py <1% <u>88.78m</u> : 7cm ep+qtz+CO3+py bleb, py 1-2%	612255 612257 612258	70.85 77.00 85.40	72.35 78.50 86.90	1.50 1.50 1.50	<5 <5 <5	
92.89	117.38	24.49	Layered Metasediments (Reworked Tuff/Metagreywacke) -alternating layers of greyish intermediate tuff and greywacke sediments, cm scale layering 45% to core axis, tuff exhibits a fragmental texture while the greywacke is massive, unit as a whole is unaltered, weakly sheared 45 degrees to core axis, contains no brittle deformation, very few qtz+CO3+py veins and veinlets (1%), pyritiferous matrix <1%	612259 612260 612261	98.00 101.00 113.00	99.50 102.50 114.50	1.50 1.50 1.50	<5 6 <5	<5
117.38	142.64	25.26	Intermediate Tuff -grey mottled color, fragmental texture, layering apparent, fine grained, visible mineralogy Hbl+Chl+Qtz+CO3+Felsic, weak shearing 45 degrees to core axis, no brittle deformation, unaltered, qtz+CO3+py veins (2-3% of interval), pyritiferous matrix occurs as disseminations and deposition along stratification (1-2%), contact with uphole unit gradational and indistinguishable <u>138.66m</u> : 8cm qtz+CO3+py vein, trace py <u>132.98m</u> : 15cm qtz+CO3+ep+py vein, 1% py, 45 degrees to core axis <u>135.00m</u> : 4cm qtz+CO3+ep bleb	612262 612263 612271	119.00 132.50 128.00	120.50 134.00 129.53	1.50 1.50 1.53	<5 <5 <5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
142.64	154.78	12.14	Mafic Tuff/Lapilli Tuff Green mottled colour, fragmental texture, matrix fine grained, fragments fine to medium grained, visible mineralogy hbl+chl+qtz+CO3+felsics, weak shearing 45 degrees to core axis, no brittle deformation, unaltered, qtz+CO3+ep+py veins and blebs (4-5%), pyritiferous matrix <1-1%, some of the fragments in this unit appear to be chloritized and are black in colour, contact with uphole unit is gradational and indistinguishable. <u>149.67m</u> : 2cm qtz+CO3+ep vein <u>149.95m</u> : 3cm qtz+CO3 vein	612264 612265	143.00 151.20	144.50 152.70	1.50 1.50	<5 <5	
154.78	169.06	14.28	Layered Metasediments (Reworked Tuff/Metagreywacke) -similar to 92.89-117.38m interval <u>156.35m</u> : 3cm qtz+CO3+py vein, 1% py <u>161.07m</u> : 4cm qtz+CO3 vein <u>165.13m</u> : 8cm qtz+CO3+py bleb, py <1% <u>166.78m</u> : 2cm qtz+CO3+ep vein <u>167.35m</u> : 4cm qtz+CO3 vein <u>168.40m</u> : 2cm qtz+CO3 vein	612266 612267	156.50 167.15	158.00 168.65	1.50 1.50	<5 <5	
169.06	197.15	28.09	Mafic Tuff/Lapilli Tuff -similar to 142.64-154.78m interval <u>174.70m</u> : 15cm qtz+CO3+ep bleb <u>175.60m</u> : 4cm qtz+CO3+ep vein <u>181.80m</u> : 2cm qtz+CO3+py vein, py<1% <u>182.57m</u> : 3cm qtz+CO3 vein <u>185.03m</u> : 3cm qtz+CO3 vein <u>187.60m</u> : 7cm qtz+CO3+ep vein <u>192.30m</u> : 15cm qtz+CO3 vein, 45 degrees to core axis	612268 612269	180.40 191.00	181.90 192.50	1.50 1.50	<5 <5	
197.15	200.00	2.85	Mafic Flow -overall greenish color, fine grained to aphanitic, visible minerals qtz+CO3+Mafics, weakly sheared 45 degrees to core axis, no brittle deformation, unaltered, very few qtz+CO3 veinlets (<1% of interval), trace pyrite in matrix, one strong chlorites zone containing coarse grained py, contact with uphole unit is gradational and indistinguishable. <u>198.29-198.31m</u> : Chl zone contains subhedral coarse grained py xtls, py 10-15%	612270	197.50	199.00	1.50	<5	<5
EOH: 200.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-12

Property: Drayton Property	Commenced: March 10, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: March 11, 2007	Method: Reflex Test		
Collar Co-ordinates: 2775N/5300E (GPS 0588303/5544363)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 101.00m	Core Size: NQ	0m	180°	-48.1
Bearing: Grid South (S40°E)	Casing Left in Hole: None	50m	182.6°	-48.1
Inclination: -50°	Logged by: Adam Greening	101m	182.9°	-44.5
Collar Elevation: 382m (approx.)	Core Location: Sioux Lookout			

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	2.00	2.00	Overburden						
2.00	26.40	24.40	Mafic Tuff/Lapilli Tuff -green mottled colour, fragmental texture, banding evident, fine grained matrix, fragments fine to medium grained, visible minerals hbl+chl+qtz+CO3+felsics, weak shearing 45 degrees to core axis, small fault zone occurs, selective carbonate alteration of feldspars in some intervals qtz+CO3+chl+ep+py veins, veinlets and blebs occur (5% of interval), pyritiferous matrix (1%) occurs as fine to medium grained disseminated anhedral xtls. 9.00-10.30m: 53 cm qtz+CO3 vein with chl stringers inside occurs at 9.15cm, the rock along the edges of the vein shows selective feldspar alteration, 45 degrees to core axis 14.72-19.20m: Selective alteration of feldspars, now have a yellowish colour 17.25m: 5cm qtz+CO3 vein 17.65m: 10cm qtz+CO3 vein, 45 degrees to core axis 19.85m: 5cm qtz+CO3 vein 19.30m: 10cm qtz+CO3+ep bleb, 1.5cm qtz+CO3 veins on either side 19.42m: 40cm qtz+CO3+ep+chl+py bleb, py 1-2%	612272 612273 612274	8.40 17.10 19.10	9.90 18.60 20.60	1.50 1.50 1.50	13 7 9	
26.40	40.50	14.10	Mafic Tuff -green mottled color, fragmental texture, banding evident, fine grained matrix and fragments, visible minerals hbl+chl+qtz+CO3+felsics, weak shearing 45 degrees to core axis, unaltered, very little veining mostly qtz+CO3 veinlets (1% of interval), pyritiferous matrix (1%) as dissemination and blebs, contact with uphole unit is gradational and indistinguishable. 34.70m: 1.5cm qtz+CO3+py vein, py 1-2% 37.4-37.6m: Ep rich zone	612275 612276 612277 612278	27.03 28.53 29.40 39.50	28.53 29.40 30.90 41.00	1.50 0.87 1.50 1.50	13 11 11 8	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
40.50	52.90	12.40	Layered Metasediments (Reworked Tuff/Metagreywacke)						
			-alternating layer of mafic tuff and greywacke sediments, mafic tuff similar to unit from 26.40-40.50m interval , sediments are very fine grained and siliceous, grading can be seen going downhole, weak shearing 45 degrees to core axis, unaltered, minor Qtz+CO3 veins and veinlets (1% of interval), trace pyrite in matrix contact with uphole unit is gradational and indistinguishable. <u>51.2-51.6m</u> : gradational bedding, towards top of hole grains are very coarse (conglomerate?) and grade into very fine sediments towards bottom of hole	612279	48.55	50.05	1.50	9	
52.90	98.70	45.80	Mafic Tuff						
			-similar to unit from 26.40-40.50m interval, qtz+CO3+py+ep veins and veinlets (3-4% of interval) pyritiferous matrix (<1%-1%) occurs as disseminations and blebs	612280	55.15	56.65	1.50	9	
			<u>57.80m</u> : 34cm qtz+CO3+py vein, contains clasts of mafic tuff inside (breccia texture?), 2-3% py, 45 degrees to core axis	612281	53.40	54.90	1.50	<5	<5
			<u>74.00m</u> : 43cm qtz+CO3 bleb	612282	57.50	59.00	1.50	6	
			<u>75.45m</u> : 8cm qtz+CO3 vein	612283	68.11	69.61	1.50	<5	
			<u>80.19m</u> : 4cm qtz+CO3+ep vein, minor hematite staining	612284	75.50	77.00	1.50	9	
			<u>80.97m</u> : 6cm qtz+CO3 bleb						
			<u>84.90m</u> : 5cm qtz+CO3 bleb						
98.70	101.00	2.30	Greywacke Metasediments						
			-grey color, massive, layering texture very fine grained and siliceous, very weak shear 45 degrees to core axis, no brittle deformation, unaltered, depositional unconsolidation textures occur, very little veining (<1% of interval), unmineralized, contact with uphole unit is sharp and at 45 degrees to core axis	612285	99.10	100.60	1.50	7	
EOH 101.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-13

Property: Drayton Property	Commenced: March 11, 2006	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: March 14, 2006	Method: Reflex Test		
Collar Co-ordinates: 2975N/5050E (GPS: 0587998/5544347)	Drilling Co.: Top Rank Drilling	Depth	Direction (°)	Inclination (°)
Length: 209.00m	Core Size: NQ	00m	320.0°	-50°
Bearing: Grid North (N40°W)	Casing Left in Hole: None	50m	318.4°	-51.3°
Inclination: -50°	Logged by: Adam Greening	100m	317.7°	-47.4°
Collar Elevation: 380m (approx.)	Core Location: Sioux Lookout	150m	325.1°	-42.9°
		200m	326.7°	-37.0°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	11.00	11.00	Overburden						
11.00	19.52	8.52	Banded Mafic Tuff -greenish mottled color, fragmental texture, fine grained matrix, fragments are fine to fine to medium grained, banding is evident, visible minerals hbl+chl+qtz+CO3+felsics, weak shearing 45° to core axis, no brittle deformation, unaltered, qtz+CO3+py veins and veinlets (1-2% of interval) matrix is barren of sulphides 11.30m: 3cm qtz+CO3+py vein, trace py						
19.52	33.20	13.68	Layered Metasediments (Reworked Tuff/Metagreywacke) -alternating layer of mafic tuff and greywacke sediments, mafic tuff similar to unit from 26.40-40.50m, sediments are very fine grained and siliceous, weak shearing 45° to core axis, unaltered minor qtz+CO3 veinlets (3% of interval), pyritiferous matrix (<1-1%) as disseminations, contact with uphole unit is gradational and indistinguishable	612286 259258 259259	29.10 30.60 31.85	30.60 31.85 33.20	1.50 1.25 1.35	82 <5 <5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
33.20	46.20	13.00	Mafic Tuff/Lapilli Tuff with Narrow Pervasive Carbonate (Fe?) Altered Intervals						
			-overall green mottled colour, fragmental texture, fine grained matrix, fine to medium grained fragments, visible mineralogy hbl+chl+qtz+CO3+felsics, weak shearing 45° to core axis, no brittle deformation, qtz+CO3+py veins and veinlets (6% of interval), trace pyrite in matrix (<1%), indistinguishable gradational contact with uphole unit, CO3 alteration ranging from weak to intense, occurs in small intervals throughout unit, altered intervals have a pinkish white colour and typically contain high py contents (2-3%), chl stringers occur in altered zones	259260	33.20	34.75	1.55	<5	
				612287	34.75	36.15	1.40	928	
				612288	36.15	37.65	1.50	268	
				612289	37.65	38.90	1.25	311	
				259261	38.90	39.45	0.55	<5	
				612290	39.45	40.80	1.35	552	
			<u>33.90m</u> : Two qtz+CO3 veins both 3cm, weak CO3 alteration on edges of unit, 3-4% py	259262	40.80	41.67	0.87	<5	
			<u>34.40m</u> : 10cm qtz+CO3 bleb	612291	41.67	43.15	1.48	986	954
			<u>35.74m</u> : 2cm qtz+CO3 vein, CO3 dissolve in places, vuggy, py superimposed on vein and adjacent wall rock, 10cm into rock, py 6-7% as cubes	612292	43.15	44.65	1.50	11	
			<u>37.10-37.40m</u> : Weak alteration interval, 6cm qtz+CO3 vein in the centre, 5% py	259263	44.65	46.20	1.55	146	
			<u>38.10-38.40m</u> : Intense alteration interval, 5% py						
			<u>38.14m</u> : 10cm qtz+CO3 vein, 45° to core axis						
			<u>38.30m</u> : 8cm qtz+CO3 bleb						
			<u>39.50-39.85m</u> : Moderate alteration interval, 1-2% py						
			<u>41.00-41.35m</u> : Moderate alteration interval, <1% py						
			<u>41.89-42.09m</u> : Moderate alteration interval, trace py						
			<u>42.50-42.70m</u> : Weak to moderate altered interval, 3cm qtz+CO3 vein at start of interval, trace py						
			<u>43.45-43.50m</u> : Weak altered zone, trace py						
46.20	48.55	2.35	Layered Metasediments (Reworked Tuff/Metagreywacke)						
			-similar to 19.52-33.20m interval, alteration is moderate throughout unit, bands range in size from 10-20cm, weak shear 45° to core axis, minor veinlets (1-2% of interval), py found in matrix of unaltered intervals (<1%) and in altered intervals (1-2%).	259264	46.20	46.68	0.48	<5	
				612293	46.68	48.13	1.45	9	
				259265	48.13	48.59	0.46	<5	<5
48.55	50.83	2.28	Strong to Intense Pervasive Carbonate Altered Mafic Tuff						
			-overall pink color, in small intervals tuffaceous texture can be seen but for the most part the tuff texture has been overprinted, shearing 45° to core axis, no brittle deformation, pyrite 1-2%, minor qtz+CO3 veining, no pure qtz veins are visible	612294	48.59	50.00	1.41	17	
				612295	50.00	50.82	0.82	12	
			<u>50.10m</u> : 4cm qtz+CO3 vein						
50.83	53.08	2.25	Weak to Unaltered Mafic Tuff						
			-similar to unit from 11.00-19.52m, weak carbonate alteration occurs in small intervals, tuffaceous texture is still evident however, minor qtz+CO3 veinlets (<1%)	612296	50.82	52.42	1.60	15	
				612297	52.42	53.07	0.65	<5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
53.08	61.98	8.90	Strong to Intense Pervasive Carbonate Altered Mafic Tuff -similar to unit from 48.55-50.83m, qtz+CO3+chl veins and veinlets (2-3% of interval), py 2% <u>59.00m</u> : 10cm qtz+CO3 vein	612298 612299 612300 612301 612302	53.07 54.60 56.05 57.55 59.05	54.60 56.05 57.55 59.05 60.55	1.53 1.45 1.50 1.50 1.50	10 20 15 <5 13	7
61.98	73.36	11.38	Banded Mafic Tuff -similar to 11.00-19.52m, selective CO3 alteration of feldspar throughout unit, feldspars are reddish yellow, qtz+CO3+epidote veins and veinlets (3-4% of interval), trace pyrite in matrix, sharp contact with uphole unit 45° to core axis						
73.36	92.80	19.44	Mafic Lapilli Tuff -overall mottled greenish colour, fragmental texture, fragments medium to coarse grained, matrix fine grained, weak shearing 45° to core axis, no brittle deformation, selective carbonate alteration throughout, interval of silicification, qtz+CO3+py (3-4%), trace py in matrix, gradational indistinguishable contact with uphole unit <u>76.30m</u> : 3cm qtz+CO3 vein <u>78.45m</u> : 3cm qtz+CO3+py vein, trace py <u>80.04m</u> : 2cm qtz+CO3+chl vein <u>81.88m</u> : 4cm qtz+CO3+py vein, 1-2% py <u>82.13m</u> : 3.5cm qtz+CO3+py vein, 1% py <u>82.23m</u> : 6cm qtz+CO3 bleb, chl stringers occur inside bleb <u>83.50-84.95m</u> : Weak qtz flooding, selective carbonate alteration still visible, interval is a lighter colour than the rest of unit <u>85.00-85.80m</u> : Qtz+CO3 veinlets dominant (30-40% of interval), py 1% <u>90.60m</u> : 6cm qtz+CO3+Py bleb, 1% py <u>92.30m</u> : 10cm qtz+CO3 bleb, pinkish in colour (Fe?), 45° to core axis	612303 612304	81.25 83.48	82.75 85.01	1.50 1.53	<5 8	
92.80	101.00	8.20	Mafic Tuff -similar to unit from 11.00-19.52m interval, selective carbonate alteration of feldspars, Qtz+CO3 veins and veinlets (2-3% of interval), pyritiferous matrix (<1%), contact with uphole unit gradational indistinguishable <u>94.49m</u> : 2cm qtz+CO3 vein <u>96.00m</u> : 2cm qtz+CO3 vein <u>97.20m</u> : 3cm qtz+CO3+chl vein, trace py <u>98.25m</u> : 7cm qtz+CO3+chl bleb						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
101.00	104.00	3.00	Moderately Silicified Mafic Tuff -silica flooded interval containing hairline microscopic qtz veinlets, also contains abundant 2-3% chl+py veinlets, contact between altered and unaltered mafic tuff is gradational and indistinct disseminated fine grained py <1%, also mm scale py stringers 2%, weakly sheared, CO3 alteration of feldspar still evident. <u>102.00-102.10m</u> : Cross cutting 1-2cm qtz+CO3 veins, py <1% <u>102.30m</u> : 10cm qtz+CO3 bleb <u>102.60m</u> : 30cm qtz+CO3+py bleb, chl stringers inside (3-4%py)	612305 612306	101.00 102.50	102.50 104.00	1.50 1.50	<5 308	
104.00	111.10	7.10	Moderately Silicified Mafic Lapilli Tuff -silica flooded interval containing hairline microscopic qtz veinlets, also contains abundant 2-3% chl+py veinlets, contact between altered mafic tuff and altered mafic lapilli tuff is gradational and indistinct, disseminated fine grained py <1%, also mm scale py stringer <u>104.40m</u> : 3cm chl rich qtz+CO3 vein, 70° to core axis <u>107.44m</u> : 2.5cm qtz+CO3+chl+py bleb, py 1-2% <u>109.25m</u> : 4cm qtz+CO3+py+chl bleb, py 2-3% <u>109.40m</u> : 25cm qtz+CO3+chl+py bleb, py 5-6% <u>109.9m</u> : 4cm qtz+CO3 vein	612307 612308 612309 612310 612311	104.00 105.50 107.00 108.50 110.00	105.50 107.00 108.50 110.00 111.50	1.50 1.50 1.50 1.50 1.50	<5 <5 107 180 25	
111.10	123.22	12.12	Mafic Lapilli Tuff -similar to unit from 73.36-92.80m, small interval where fragments become large verging on agglomerate, qtz+CO3+py veins and veinlets (3-4% of interval), trace pyrite in matrix <u>111.26-111.7m</u> : Weak silica flooded interval, qtz+CO3 veinlets (3-4% of interval), py <1% <u>114.55m</u> : 4cm qtz+CO3+py vein, 1-2% py <u>116.70m</u> : 50cm qtz+CO3+chl bleb <u>119.7-120.5m</u> : Fragments become larger up to 1cm <u>122.4m</u> : 3cm qtz+CO3 vein	612312	111.50	113	1.5	<5	
123.22	129.07	5.85	Variolitic Mafic Flow -overall dark green mottled color, fine grained, variolites are filled by mm scale qtz and fsp, amygdules occur in places, variolites typically rounded though some are elongated due to shear, shearing 50° to core axis, no brittle deformation, unaltered, pyritiferous matrix (1%), qtz+Co3 veinlets (1%of interval), contact with uphole unit is gradational indistinguishable						

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-14

Property: Drayton Property	Commenced: March 15, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: March 19, 2007	Method: Reflex Test		
Collar Co-ordinates: 2850N/5150E (GPS: 0588166/5544319)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 261.51m	Core Size: NQ	0m	320.0°	-50°
Bearing: Grid North (N40°W)	Casing Left in Hole: None	60m	320.5°	-46.4°
Inclination: -55°	Logged by: Adam Greening	110m	322.6°	-39.6°
Collar Elevation: 376m (approximate)	Core Location: Sioux Lookout	160m	324.6°	-33.7°
		210m	326.6°	-29.1°
		261m	327.9°	-24.0°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	5.87	5.87	Overburden						
5.87	62.03	56.16	Mafic Tuff/Lapilli Tuff						
			-overall greenish colour, mottled, fragmental texture, weak banding 45 degrees to core axis, matrix fine grained, fragments range from ash to lapilli (up to 6cm), visible minerals hbl+chl+CO3+qtz+felsics, some of the larger fragments have bright colours ranging from light green to pink, weak to moderate shear 45 degrees to core axis, no brittle deformation, qtz+CO3 veins and veinlets occur randomly oriented throughout (3-4% of interval) though veins that do occur have a reddish appearance (Fe carbonate ?), trace pyrite in matrix.	612384	8.00	11.00	3.00	10	
				612385	11.00	14.00	3.00	8	
				612386	14.00	17.00	3.00	11	
				612337	17.00	18.50	1.50	<5	
				612387	18.50	20.00	1.50	13	
				612388	20.00	23.00	3.00	10	
			12.60m: 2cm qtz+CO3 vein, pinkish colour (Fe?)	612389	23.00	26.00	3.00	9	
			14.28m: 3cm qtz+CO3 vein, pink colour, small stringer running through center (pure qtz?)	612390	26.00	29.00	3.00	8	
			33.88m: 2cm qtz+CO3 vein, pinkish colour	612391	29.00	32.00	3.00	10	
			35.20m: 2.5cm qtz+CO3 vein, pinkish colour	612392	32.00	35.00	3.00	<5	
			36.55m: 2cm qtz+CO3 vein	612338	35.00	36.50	1.50	<5	
			38.20m: 3cm qtz+CO3 bleb	612393	36.50	38.00	1.50	<5	
			41.40m: 6cm qtz+CO3 vein, pinkish colour	612394	38.00	41.00	3.00	<5	
			44.80m: 1.5cm qtz+CO3 vein	612395	41.00	44.00	3.00	5	6
			45.45m: 3cm qtz+CO3 vein	612339	44.00	44.50	1.50	6	<5
			45.86m: 2cm qtz+CO3 vein	612396	45.50	47.00	1.50	<5	
			46.16m: 6cm qtz+CO3 bleb	612340	47.00	48.50	1.50	<5	
			47.40m: 3cm qtz+CO3+chl bleb	612397	48.50	50.00	1.50	5	
			47.68m: 12cm qtz+CO3+chl vein, 45 degrees to core axis	612398	50.00	53.00	3.00	<5	
			48.50m: 3cm qtz+CO3+chl vein, chl stringers running in the centre of vein	612399	53.00	56.00	3.00	<5	
			52.90m: 2cm qtz+CO3+chl vein	612400	56.00	57.95	1.95	7	
			58.50m: 5cm qtz+CO3+chl vein, chl stringers in vein	612401	57.95	59.45	1.50	<5	
			61.02m: 3cm qtz+CO3 bleb	259051	59.45	62.00	2.55	13	
			61.85m: 5cm qtz+CO3+chl vein, chl stringers in vein						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
62.03	63.04	1.01	Mafic Flow -overall greenish colour, mottled, fine grained, visible minerals hbl+chl+CO3+qtz+felsics, weak shearing 45 degrees to core axis, no brittle deformation, qtz+CO3+chl+py veins and veinlets (<1% of interval), unaltered, pyritiferous matrix (<1%) as disseminated euhedral fine to medium grained xtls, contact with uphole unit is sharp at 50 degrees to core axis. <u>63.00m</u> : 6cm qtz+CO3+chl+py vein, chl stringers inside vein, trace py						
63.04	125.66	62.62	Mafic Tuff/Lapilli Tuff -similar to unit from 5.87-62.03m interval, brittle faulting occurs, qtz+CO3+chl+py veins and veinlets (4-5% of interval), unaltered for the most part small intervals exhibit selective CO3 alteration, pyritiferous matrix (<1-1%) as euhedral fine to medium grained disseminations, contact with uphole unit is gradational and indistinct. <u>115.25-116.07m</u> : Selective carbonate alteration of fsp <u>68.60m</u> : 5cm qtz+CO3+chl+py vein, py 1% <u>70.85m</u> : 7cm qtz+CO3 bleb <u>71.25m</u> : 2cm qtz+CO3+chl+py, py<1% <u>71.57m</u> : 2cm qtz+CO3+chl vein, chl rich <u>73.27m</u> : 10cm fault <u>73.40m</u> : 20cm fault <u>74.00m</u> : 5cm qtz+CO3 vein <u>77.45m</u> : 50cm qtz+CO3+py+chl bleb, chl stringers running throughout the qtz, py 2-3% <u>78.14m</u> : Qtz+CO3+chl bleb, chl stringers surrounding the bleb <u>78.50m</u> : Large 5cm clast (glass ?), small qtz+CO3 blebs inside <u>81.00m</u> : 3cm qtz+CO3 vein <u>81.80m</u> : 6cm qtz+CO3+chl bleb <u>82.10m</u> : 5cm qtz+CO3 bleb <u>82.25m</u> : 5cm qtz+CO3 bleb <u>83.05m</u> : Two <1cm Qtz+CO3 vein, vuggy appearance <u>84.90m</u> : 3cm qtz+CO3+chl vein <u>87.30m</u> : 1cm qtz+CO3+chl vein, chl stringers <u>87.60m</u> : 4cm qtz+CO3 bleb <u>89.55m</u> : 12cm bleb, contains large pink fragments (ksp?), qtz+CO3 veins (breccia texture?) <u>92.97m</u> : 3cm qtz+CO3 vein <u>100.15m</u> : 1cm qtz+CO3 vein	612342 612344 612343 612345 259052 612346 259053 259054 259055 612347 612348 612349	72.40 75.65 77.26 89.50 91.00 92.40 93.90 95.00 98.00 98.00 105.27 118.91 121.22	73.90 77.15 78.76 91.00 92.40 93.90 95.00 98.00 99.87 106.86 120.40 122.65	1.50 1.50 1.50 1.50 1.40 1.50 1.10 3.00 1.87 1.59 1.49 1.43	7 147 28 <5 25 6 6 7 6 6 6 6 5	8

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
			<u>104.28m</u> : 5cm Qtz+CO3+py bleb, trace bleb <u>111.20m</u> : Qtz+CO3+chl+py bleb, <1% py <u>111.56m</u> : 2cm Qtz+CO3 vein <u>112.14m</u> : 5cm Qtz+CO3+chl vein <u>112.65m</u> : 3cm Qtz+CO3+chl+py vein, py <1% <u>112.82m</u> : 3cm Qtz+CO3 vein <u>113.00m</u> : 10cm Qtz+CO3+chl bleb, hairline chl veins contain fine grained py (<1%) <u>114.33m</u> : 2cm Qtz+CO3 vein <u>117.72-117.90m</u> : Alternating 1/2cm chl and Qtz veinlets <u>118.74m</u> : 6cm Qtz+CO3+chl+py bleb, chl as stringers inside vein, py 1% <u>118.94m</u> : 4cm Qtz+CO3+chl bleb, chl as stringers inside bleb <u>119.03m</u> : 16cm Qtz+CO3+chl+py bleb, Qtz with breccia texture, chl between fragments, py 1% <u>120.52m</u> : 6cm Qtz+CO3+chl vein <u>121.23m</u> : 2cm Qtz+CO3 vein <u>121.60m</u> : 4cm Qtz+CO3+chl vein <u>121.80m</u> : 20cm Qtz+CO3 vein, 45 degrees to core axis <u>122.24m</u> : 20cm Qtz+CO3 bleb <u>122.49m</u> : 20cm Qtz+CO3 vein, 45 degrees to core axis <u>123.22m</u> : 5cm Qtz+CO3 vein						
125.66	141.84	16.18	Mafic Flow -overall greenish colour, fine grained, visible minerals hbl+chl+Qtz+CO3+felsics, varioles occur in some portions of the interval, where varioles do occur they are fine to medium grained and filled by Qtz+fsps, weak shear 50 degrees to core axis, no brittle deformation, unaltered, Qtz+CO3 veins and veinlets (2% of interval), pyritiferous matrix (1%) occurs as fine to medium grained euhedral disseminations, contact with uphole unit is gradational and indistinct. <u>126.04m</u> : 2cm Qtz+CO vein <u>126.38-126.93m</u> : Weak CO3 alteration interval, light green in colour, grades to pink in areas, hairline chl stringers <u>126.54m</u> : 1cm Qtz+CO3 vein <u>127.39m</u> : 1cm Qtz+CO3 vein <u>135.52- 136.32m</u> : Variolitic flow <u>139.87m</u> : 3cm Qtz+CO3 vein	612352	125.68	127.22	1.54	<5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
141.84	152.05	10.21	Mafic Tuff/Lapilli Tuff -similar to unit from 5.87-32.03m interval, qtz+CO ₃ +py veins and veinlets (1-2% of interval), trace py in matrix, contact with uphole unit is gradational and indistinct. <u>142.63m</u> : 3cm qtz+CO ₃ vein, parallel to shear <u>144.03-144.17m</u> : weakly altered interval, trace py <u>145.07-145.14m</u> : weakly altered interval, trace py <u>148.55m</u> : 6cm qtz+CO ₃ bleb <u>149.83m</u> : 2cm qtz+CO ₃ vein, parallel to shear <u>150.43m</u> : 3cm qtz+CO ₃ bleb <u>151.30m</u> : Four 1cm qtz+CO ₃ vein one after another, parallel to shear	612350	148.16	149.66	1.50	5	
				259056	149.66	152.07	2.41	<5	
152.05	156.14	4.09	Weak to Moderate Pervasive Carbonate Altered Mafic Tuff -overall pinkish colour, tuffaceous texture can still be seen, chl stringers seen throughout, py associated with chl stringer 1-2%, qtz+CO ₃ veins (1%), qtz eyes seen throughout. <u>156.02m</u> : 1 cm chl vein with qtz eyes inside runs for 10 cm parallel to core axis	612351	152.07	153.6	1.53	5	
				259057	153.60	154.94	1.34	27	
				612353	154.94	156.13	1.19	5	
156.14	160.15	4.01	Mafic Tuff -similar to unit from 5.87-30.23m interval, qtz+CO ₃ veins (3-4% of interval), barren of mineralization, contact with uphole unit is gradational and indistinct. <u>156.75m</u> : 2cm qtz+CO ₃ bleb, CO ₃ weathered out, has vuggy appearance <u>158.65m</u> : 2cm qtz+CO ₃ vein, parallel to shear <u>159.40-159.60m</u> : qtz+CO ₃ veinlets (50% of interval) <u>159.85m</u> : 3cm Qtz+CO ₃ vein, parallel to shear	259058	156.15	158.45	2.30	8	
				259059	158.45	160.26	1.81	27	
160.15	165.60	5.45	Moderate to Strong Pervasive Altered Mafic Tuff -overall pink colour, in small intervals tuffaceous texture can be seen but for the most part the tuff texture has been overprinted, shearing 50 degrees to core axis, chl stringers occur throughout and greenish brown stringers (qtz+CO ₃ ?), fine grained disseminated py associated with chl (1%), no brittle deformation, minor qtz+CO ₃ veining, qtz eyes throughout.	612354	160.26	161.64	1.38	19	32
				612355	161.64	163.14	1.50	<5	
				612356	163.14	165.58	2.44	11	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
165.60	169.03	3.43	Strong to Intense Pervasive CO3 Altered Mafic Tuff						
			-overall pinkish colour, weak shearing 50 degrees to core axis, tuffaceous texture has been completely overprinted, qtz+CO3+py veins and veinlets (4%), qtz eyes and stringers occur throughout, chl stringers throughout, disseminated and bleby medium to coarse grained py in alteration 2-3%, disseminated py in qtz+CO3 veins <1-1% .	612357	165.58	167.00	1.42	14	
			166.70m: 3cm qtz+CO3+py vein, py<1%	612358	167.00	168.50	1.50	1490	
			167.46m: 2cm qtz+CO3 vein	612359	168.50	170.00	1.50	138	
			167.72m: 7cm qtz+CO3 vein, 6cm bleb occurs at top of vein						
			168.49m: 4cm qtz+CO3+py vein, py<1%						
169.03	173.66	4.63	Weak to Moderate Pervasive Altered Mafic Tuff						
			-similar to 152.05-156.15m interval, qtz+CO3+py+chl veins and veinlets (3-4% of interval) disseminated fine grained py in alteration <1%	612360	170.00	172.00	2.00	<5	
			170.85m: 1cm qtz+CO3 vein, runs parallel to core axis for 20cm	612361	172.00	172.64	0.64	8	
			171.30m: 6cm qtz+CO3+chl bleb	612362	172.64	173.67	1.03	13	
			171.68m: 6cm qtz+CO3+chl bleb						
			171.94m: 20cm qtz+CO3+chl+py bleb, <1% py						
173.66	177.80	4.14	Mafic Tuff						
			-similar to 160.15-165.60m interval, disseminated fine to medium grained py in altered bands (1%), qtz+CO3 veins and veinlets randomly oriented (4% of interval).	612363	173.67	174.81	1.14	183	
			175.94m: 1.5cm qtz+CO3 vein	612364	174.81	176.06	1.25	55	
			176.17m: 7cm qtz+CO3 bleb	612365	176.06	177.82	1.76	<5	
			177.13m: 3cm qtz+CO3+chl vein						
			177-50-177.70m: Weak altered interval						
177.80	180.35	2.55	Variolitic Mafic Flow						
			-overall greenish colour, fine grained, massive for the most part, weak shearing 60 degrees to core axis in places, varioles are filled with qtz+fyps, visible minerals, hbl+chl+qtz+CO3+felsics, qtz+CO3+chl+py veins and veinlets randomly oriented throughout (1% of interval), pyritiferous matrix (<1%), contact with uphole unit is sharp at 50 degrees to core axis.						
			180.42m: 4cm qtz+CO3+chl+py vein, py<1%						
180.35	215.82	35.47	Mafic Tuff/Lapilli Tuff						
			-similar to 5.87-32.03m interval, pyitiferous matrix <1%, qtz+CO3+chl+py veins and veinlets randomly oriented throughout, (4% of interval).	612366	210.70	212.20	1.50	70	
			180.35-195.64m: massive interval	612367	212.20	213.70	1.50	7	
			187.48m: 2cm qtz+CO3 vein	612368	213.70	215.00	1.30	5	
			187.68m: 2cm qtz+CO3 vein	612369	215.00	215.80	0.80	6	6
			188.68m: 3cm qtz+CO3 vein						
			194.35m: 3cm qtz+CO3 bleb						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
215.82	235.61	19.79	Interbedded Tuffaceous Sediments/Felsic Cherty Sediments similar to unit from 161.64-165.60m interval, weak shearing 70 degrees to core axis, brittle faulting occurs, bands range from 1-20cm, qtz+CO3+chl+py veins and veinlets (1-2% of interval), py occurs as medium grained subhedral disseminations in altered areas (2%) and as fine grained subhedral disseminations in veins (1%). <u>217.44m</u> : 24cm qtz+CO3+chl+py bleb, py 1% <u>219.06m</u> : 3.5cm qtz+CO3 vein <u>223.79m</u> : 19cm qtz+CO3+chl+py bleb, py 1-2% <u>233.40m</u> : 20cm qtz+CO3+chl+py vein, 45 degrees to core axis <u>234.08m</u> : 6cm qtz+CO3+chl vein	612370 612371 612372 612373 612374 612375 612376 612377 612378 612379 612380 612381 612382	215.80 217.30 218.80 220.30 221.80 223.30 224.80 226.30 227.80 229.30 230.80 232.30 233.80	217.30 218.80 220.30 221.80 223.30 224.80 226.30 227.80 229.30 230.80 232.30 233.80 235.61	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.81	10 13573 256 26 8 125 101 11 21 13 15 198 15	13
235.61	242.09	6.48	Mafic Tuff/Lapilli Tuff -similar to unit from 5.87-62.03m interval, shearing 70 degrees to core axis, qtz+CO3 veins and veinlets (1% of interval), barren of mineralization						
242.09	255.51	13.42	Mafic Flow -similar to unit from 177.80-180.35m interval, weakly sheared 70 degrees to core axis, qtz+CO3+chl+py veins and veinlets occur throughout at random orientation (1-2% of interval), trace py in matrix. <u>248.88m</u> : 4cm light pinkish qtz+CO3 vein <u>249.60m</u> : 4cm qtz+CO3+chl vein <u>251.25m</u> : 2.5cm qtz+CO3+chl+py vein, py 1-2% <u>254.24m</u> : 4cm qtz+CO3 bleb						
255.48	261.51	6.03	Mafic Tuff/Lapilli Tuff -similar to unit from 5.87-62.03m interval, shearing 70 degrees to core axis, qtz+CO3+ep veins and veinlets occur throughout at random orientations (1-2% of interval), pyritiferous matrix <1%. <u>255.83m</u> : 5cm qtz+CO3 +ep vein <u>256.72m</u> : 3cm qtz+chl+CO3+ep vein <u>258.19m</u> : 3cm qtz+CO3+ep vein <u>258.43m</u> : 4cm qtz+CO3 vein <u>259.78-261.15m</u> : Weakly chloritized interval	612383	260.00	261.63	1.63	15	
EOH: 261.51m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-15

Property: Drayton Property	Commenced: March 19, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: March 24, 2007	Method: Reflex Test		
Collar Co-ordinates: 2850N/5000E(GPS 0588028/5544210)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 338.00m	Core Size: NQ	0m	340.0°	-50.0°
Bearing: Grid North (N40°W)	Casing Left in Hole: None	31m	345.6°	-50.6°
Inclination: -50°	Logged by: Adam Greening	86m	348.2°	-48.2°
Collar Elevation: 379m (approx)	Core Location: Sioux Lookout	137m	348.2°	-44.1°
		188m	348.2°	-39.6°
		236m	348.2°	-33.8°
		288m	349.7°	-29.8°
		338m	350.8°	-23.8°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	12.08	12.08	Overburden						
12.08	30.44	18.36	Mafic Tuff/Lapilli Tuff -overall greenish color, mottled, fragmental texture, banding evident 45 degrees to core axis, weak shearing 45 degrees to core axis throughout unit, brittle faulting occurs, fine grained matrix, fragments range from ash to lapilli scale (up to 1cm), visible minerals hbl+chl+qtz+CO3+felsics, intervals of weak CO3+hematite alteration occur, qtz+CO3+py veins and veinlets occur randomly oriented throughout, py fine grained and euhedral in veinlets (<1%), trace py in matrix. <u>15.16-17.07m:</u> Weak hematite alteration <u>15.29m:</u> 4cm qtz+CO3+py vein, 1-2% py <u>24.36m:</u> 10cm interval of qtz+CO3 wisps <u>24.59m:</u> 1cm qtz+CO3+py vein, 5% py <u>24.69m:</u> 40cm interval of qtz+CO3+py blebs and wisps, 3% py						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
30.44	83.00	52.56	Interbedded Metagraywacke/Tuffaceous Sediments -characterized by strong, distinct, persistent banding indicative of bedding, both color, compositional and grain size bedding, generally cm-scale layering, interbedded greenish med-fine grained metagreywacke, light greenish to light pinkish cherty layer and greenish med-coarse grained tuffaceous sediments, fragmental texture still evident in tuffaceous sediments, cherty layers are flattened/stretched and fragmented in places, unaltered, no pervasive alteration, massive to weak shearing and weak fracturing, shearing parallel to bedding, both shear planes and uneven wispy fractures are filled by mm-scale Qtz-CO3 veinlets (0.5-1%), mm-scale semi-massive py stringers along bedding in places (0.5%), also late cm-scale Qtz-CO3 veins oblique to bedding/shearing evident in few places (<0.5%), late Qtz-CO# veins are widely spaced and randomly distributed sharp contact with downhole unit, <u>36.18m</u> : 5cm pinkish Qtz+CO3 vein <u>51.56m</u> : 2cm Qtz+CO3+py vein, 1% py <u>51.68m</u> : 12cm Qtz+CO3 bleb <u>57.07m</u> : 12cm brittle fault, hematite and slickensides on edges of fault <u>64.16-65.00m</u> : Interval of Qtz+CO3+py bleb (80% of interval), 2% py <u>85.30m</u> : 13cm Qtz+CO3 bleb <u>85.20m</u> : 50cm fault	259095 259096	32.00 63.50	33.50 65.00	1.50 1.50	10 8	
83.00	91.80	8.80	Mafic Agglomerate -overall greenish blue color, mottled, fragmental texture, fine grained matrix, fragments range from mm scale up to 7cm, visible minerals hbl+chl+Qtz+CO3+felsics, larger fragments have a bluish, some fragments have a banded appearance, weak shearing 45 degrees to core axis, brittle deformation occurs, unaltered, Qtz+CO3 veins and veinlets occur randomly oriented throughout (<1% of interval), py occurs as large blebs and disseminations of fine grained euhedral disseminations and blebs (2%), contact with uphole unit gradational and indistinct. <u>88.28m</u> : 4cm Qtz+CO3 vein						
91.80	97.05	5.25	Mafic Tuff/Lapilli Tuff -similar to unit from 12.08-83.00m, Qtz+CO3 veins and veinlets randomly oriented throughout (1%), shearing 40 degrees to core axis, contact with uphole unit gradational and indistinct. <u>92.20m</u> : 7cm Qtz+CO3 bleb						
97.05	113.00	15.95	Mafic Agglomerate -similar to unit from 83.00-91.80m, Qtz+CO3+chl+py veins and veinlets randomly oriented throughout (2-3% of interval), py as fine grained euhedral disseminations and blebs (2%), weak shearing 50 degrees to core axis, contact with uphole unit gradational and indistinct. <u>97.15m</u> : 11cm Qtz+CO3+chl+py vein, 1% py, 30 degrees to core axis. <u>104.63m</u> : 8cm Qtz+CO3 vein <u>112.96m</u> : 3cm band of py+ Qtz+CO3 (10-15% py)	259097	111.50	113.00	1.50	34	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
113.00	203.15	90.15	Mafic Tuff/Lapilli Tuff similar to unit from 12.08-83.00m, shearing 50 degrees to core axis, fragments up to 5 cm in some areas, some of the larger fragments are bright colors ranging from yellow to pink, Qtz+CO3± veins randomly oriented throughout (2%), trace py in matrix, contact with uphole unit gradational and indistinct. 128.00-213.15m: Some fragments larger than 3cm 126.97m: 36cm Qtz+CO3 bleb and stringers 133.82m: 10cm Qtz+CO3±py bleb, <1% py 166.02m: 5cm Qtz+CO3 vein 166.44m: 6cm Qtz+CO3 vein 183.12-186.53m: Clast from a FP unit, typically 5-6 cm						
203.15	229.49	26.34	Mafic Flow -overall green color, massive, variolitic in some places, fine grained, varioles filled with Qtz and Fops, varioles up to a cm in size, visible mins hbl+chl+Qtz+CO3+felsics, weak shearing 60 degrees to core axis, no brittle deformation, unaltered, Qtz+CO3±chl veins and veinlets randomly oriented throughout (1% of interval), trace Py in matrix, contact with uphole unit gradational and indistinct						
229.49	239.08	9.59	Weak Pervasive CO3 Altered Mafic Tuff -overall light purple color, generally weak alteration but locally moderate, small Qtz stringers occur occasionally, Qtz eyes throughout, py in alteration ranges from fine to coarse grained subhedral disseminations and blebs (4-5%), some py Xtls have hexagonal formation, Qtz+CO3±py veins (1-2% of interval), sharp contact with uphole unit at 30 degrees to core axis 232.66m: 9cm Qtz+CO3 bleb 233.17m: 7cm Qtz+CO3±py vein, py 2-3%	259060 259061 259062 259063 259064 259065	230.00 231.50 233.00 234.50 236.00 237.50	231.50 233.00 234.50 236.00 237.50 239.00	1.50 1.50 1.50 1.50 1.50 1.50	9 53 14 15 7 <5	<5
239.08	254.00	14.92	Moderate to Strong Pervasive CO3 Altered Mafic Tuff -pinkish color, moderate to strong alteration, Qtz stringers occur occasionally, Qtz eye throughout chl stringers occur and carry very fine grained disseminated py (<1%), overall py <1-1%, Qtz+CO3 veins and veinlets randomly oriented throughout (3-4% of interval) 242.56m: 12cm Qtz+CO3 bleb 243.04m: 10cm Qtz+CO3 bleb 244.43m: 6cm Qtz+CO3 vein 247.76m: 2cm Qtz+CO3 vein, runs parallel to core axis, runs for 10cm	259066 259067 259068 259069 259070 259071 259072	239.00 240.50 243.50 246.50 249.50 251.00 252.50	240.50 243.50 246.50 249.50 251.00 252.50 254.00	1.50 3.00 3.00 3.00 1.50 1.50 1.50	12 10 8 14 12 24 9	
254.00	257.71	3.71	Mafic Tuff/Lapilli Tuff -similar to unit from 12.08-83.00m interval, shearing 60 degrees to core axis, Qtz+CO3 veins and veinlets randomly oriented throughout (<1% of interval), barren of mineralization	259073	254.00	256.34	2.34	29.0	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
257.71	266.30	8.59	Weakly Sericite+CO3 Altered Mafic Tuff -overall weakly altered but locally moderate, grayish green color, felsic fragments have been altered to sericite and now have a brown color, minor microscopic chl veins occur, qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (10% of interval), py occurs as fine to medium grained anhedral disseminations 2% overall, locally 4-5% <u>258.10m</u> : 10cm qtz+CO3+chl vein, 40 degrees to core axis, a 1cm vein connects to the larger veins and runs parallel to core axis for 40cm <u>258.80m</u> : 14cm qtz+CO3 vein, 45 degrees to core axis <u>269.19m</u> : 9cm qtz+CO3 vein <u>259.35m</u> : 29cm qtz+CO3 bleb <u>263.04m</u> : 20cm qtz+CO3+chl bleb <u>263.59m</u> : 8cm qtz+CO3+py bleb, 1-2% py <u>264.19m</u> : 4cm qtz+CO3+chl+py vein, 1-2% py <u>264.52m</u> : 2cm qtz+CO3 vein	259074 259075 259076	258.50 260.00 263.00	260.00 263.00 266.00	1.50 3.00 3.00	33 22 9	32
266.30	272.80	6.50	Moderately Silicified Mafic Tuff -overall alteration is moderate but locally strong, light grey color but reddish in stronger altered areas, all felsics have been replaced by sericite+CO3, rock has been flooded by silica, small red spots <1cm occur throughout (hematite?), tiny microscopic Chl veins occur throughout (1-2% of interval) some carrying very fine grained py (<1%), fine to medium grained subhedral disseminated py throughout alteration 2% locally 3-4%, qtz+CO3+py veins and veinlets occur at random orientations throughout (2-3% of interval) <u>266.99m</u> : 8cm qtz+CO3+py vein, py 3-4% <u>267.34m</u> : 4cm qtz+CO3 vein <u>267.81m</u> : 5cm qtz+CO3 vein <u>268.26m</u> : <1cm qtz+CO3+py vein runs parallel to core axis for 18 cm, 1% py <u>269.00m</u> : 20cm qtz+CO3+Py bleb, 3-4% py <u>269.30m</u> : Cross cutting 1 cm qtz+CO3 veins <u>269.68m</u> : 4cm qtz+CO3+Py vein, 1-2% py	259077 259078 259079 259080	266.30 267.50 269.00 270.50	267.50 269.00 270.50 272.80	1.20 1.50 1.50 2.30	81 48 544 12	
272.80	274.65	1.85	Weakly CO3+Silica+Sericite Altered Mafic Tuff -overall weakly altered, most felsics replaced by sericite, weak qtz flooding, <1cm red bands occur in some areas (hematite?), microscopic chl stringers (<1% of interval), py fine grained disseminations <1%, qtz+CO3 veinlets occur randomly oriented throughout (1% of interval)	259081	272.8	274.65	1.85	23	
274.65	277.10	2.45	Moderate to Strong Pervasive CO3 Altered Mafic Tuff -similar to unit from 239.08-254.00m interval, <1% py disseminations, 0.5cm cpy bleb occurs (<1%), qtz+CO3 veinlets (<1%)	259082	274.65	277.10	2.45	11	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
277.10	294.55	17.45	Mafic Tuff/Lapilli Tuff -similar to unit from 12.08-83.00m interval, massive no shearing, no brittle deformation, no veining, barren of mineralization, bands range from 5-30cm, 50% of unit is altered, qtz+CO3 veins and veinlets occur randomly oriented throughout (1% of interval), py in altered bands 1-2% fine grained disseminations <u>279.47m</u> : 5cm qtz+CO3 vein <u>280.71m</u> : 1cm qtz+CO3 vein runs parallel to core axis for 20cm <u>286.47m</u> : 6cm qtz+CO3+chl bleb <u>290.48m</u> : 2.5cm qtz+CO3+magnetite, magnetite 1-2%	259083 259084 259085 259086	277.10 279.50 281.00 282.50 283.88	279.50 281.00 282.50 283.88	2.40 1.50 1.50 1.38	932 6 20 35	9
294.55	305.92	11.37	Weak to Moderate Pervasive Altered Mafic Tuff -overall weak to moderately altered, pinkish color, qtz eyes throughout, small qtz stringers occur occasionally (<1%), minor chl stringers (<1%), qtz+CO3 veins and veinlets occur randomly oriented throughout (<1% of interval), trace fine grained disseminated py <u>297.38m</u> : 2cm qtz+CO3 vein runs parallel to core axis for 1m <u>304.75-305.20m</u> : Interval of qtz+CO3+chl stringers and 1cm veins (50% of interval)	259088 259087 259089 259090 259091 259092	294.55 296.69 298.51 300.50 302.00 303.40	296.69 298.51 300.50 302.00 303.40 305.92	2.14 1.82 1.99 1.50 1.40 2.52	<5 129 28 8 <5 18	
305.92	308.72	2.80	Weak Pervasive CO3 Altered Mafic Tuff similar to unit from 229.49-239.08m interval, brownish green color, qtz+CO3+py veins and veinlets occur randomly oriented throughout (<1% of interval), trace fine grained disseminated py <u>308.06m</u> : 4cm qtz+CO3+py vein, pinkish color, py <1% <u>308.28m</u> : 3cm qtz+CO3 vein	259093 259094	305.92 307.42	307.42 308.70	1.50 1.28	12 9	
308.72	313.20	4.48	Mafic Flow -similar to unit from 203.15-229.49, weakly sheared 30 degrees to core axis, qtz+CO3 veins and veinlets oriented randomly throughout (1% of interval), trace disseminated fine grained py,						
313.20	315.91	2.71	Interbedded Metagraywacke/Tuffaceous Sediments -similar to unit from 254.00-256.34 m interval <u>313.49m</u> : 5cm qtz+CO3 vein <u>314.69m</u> : 6cm qtz+CO3 bleb						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
315.91	338.00	22.09	<p>Mafic Tuff/Lapilli Tuff</p> <p>-similar to unit from 12.08-83.00m interval, shearing 65 degrees to core axis, qtz+CO₃+ ep ± py veins and veinlets randomly oriented throughout (2-3% of interval), pyritiferous matrix fine grained disseminated <1%</p> <p><u>326.30m</u>: 5cm qtz+CO₃+ep bleb</p> <p><u>326.51m</u>: 14cm qtz+CO₃ vein, 20 degrees to core axis, brecciated appearance</p> <p><u>331.90m</u>: 4cm qtz+CO₃ vein</p> <p><u>334.31m</u>: 13cm qtz+CO₃+ep+py vein, 50 degrees to core axis, brecciated appearance, py<1%</p> <p><u>335.44m</u>: 6cm qtz+CO₃+chl vein</p> <p><u>335.57m</u>: 8cm qtz+CO₃+chl vein</p> <p><u>335.70m</u>: 4cm qtz+CO₃+chl vein</p> <p><u>335.78m</u>: 10cm qtz+CO₃+chl vein, 40 degrees to core axis</p> <p><u>336.18m</u>: 10cm qtz+CO₃+chl vein, 40 degrees to core axis</p>						
EOH: 338.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-16

Property: Drayton Property		Commenced: March 25, 2007		Hole Survey Information		
Location: Drayton Township, Northwestern Ontario		Completed: March 30, 2007		Method: Reflex Test		
Collar Co-ordinates: 2870N/5275E (GPS: 0588028/5544415)		Drilling Co.: Top Rank Drilling		Depth	Direction	Inclination
Length: 341.34m		Core Size: NQ		0m	320.0°	-50.0°
Bearing: Grid North (N40°W)		Casing Left in Hole: None		50m	325.5°	-50.9°
Inclination: -50		Logged by: Adam Greening		100m	327.2°	-48.0°
Collar Elevation: 382m (approx)		Core Location: Sioux Lookout		150m	330.0°	-43.5°
				200m	334.1°	-39.6°
				250m	334.6°	-36.0°
				300m	335.4°	-29.4°
				341m	336.7°	-25.0°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	1.80	1.80	Overburden						
1.80	4.21	2.41	Mafic Flow -overall greenish color, aphanitic to fine grained, visible minerals hbl+chl+felsics, massive texture, weakly sheared 45 degrees core axis, no brittle deformation, unaltered, qtz+CO3 veinlets occur randomly oriented throughout (<1% of interval), pyritiferous matrix (1%) occurs as fine grained euhedral disseminations.						
4.21	76.66	72.45	Mafic Tuff/Lapilli Tuff -overall greenish colour, fragmental texture, banding evident 45 degrees to core axis, fragments range from ash to lapilli size (up to 2-3cm), visible minerals hbl+chl+CO3+qtz+felsics, weak shearing 40-45 degrees to core axis, brittle deformation occurs, unaltered, qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (1% of interval), trace fine grained py in matrix locally up to 1%, contact with uphole unit is sharp at 45 degrees to core axis. <u>13.38m</u> : 6cm qtz+CO3 bleb, pinkish in colour <u>24.54m</u> : 16cm qtz+CO3+chl+py veins, <1% py, 45 degrees to core axis <u>33.13m</u> : 6cm qtz+CO3+chl bleb <u>46.68m</u> : 12cm qtz+CO3 bleb, some of the carbonate has weathered out giving it a vuggy appearance <u>48.43m</u> : 3cm qtz+CO3 vein, small (<1mm) brown veins running through (sericite?) <u>53.60-56.00m</u> : large fragments (2-3cm occur) <u>56.83m</u> : 4cm qtz+CO3+chl bleb, pinkish colour <u>58.90m</u> : 4cm qtz+CO3 vein <u>63.50-63.60m</u> : 1cm bright red fragments occur <u>71.94m</u> : 2.5cm qtz+CO3+py vein, 1-2% py <u>74.30-74.85m</u> : Ep rich interval, qtz+CO3+py blebs occur throughout, py <1%						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
76.66	97.76	21.10	<p>Mafic Flow</p> <p>-similar to unit from 1.80-4.2m, variolitic in places, varioles are filled with Qtz+fsps+py, py in varioles are medium grained and euhedral disseminations (1%), mostly massive though weak shearing 45 degrees to core axis occurs, brittle faulting occurs, Qtz+CO3+ep+chl+py veins and veinlets occur randomly oriented throughout (1% of interval).</p> <p>77.10-77.59m: Qtz+CO3+ep+py veinlets (50% of interval), py <1%</p> <p>78.98m: 9cm Qtz+CO3+ep+chl+py vein, py <1%</p> <p>80.55-80.75m: Qtz+CO3+chl veinlets (80% of interval)</p> <p>94.76m: 0.5cm band of very fine grained py</p>						
97.76	112.10	14.34	<p>Mafic Tuff</p> <p>-similar to unit from 4.21-76.66m, fragments up to 0.5cm, weak shearing 45 degrees to core axis, no brittle deformation, unaltered, Qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (1% of interval), very fine grained Py occurs in matrix (1%), contact with uphole unit is sharp 45 degrees to core axis.</p> <p>104.45-105.25m: Qtz+CO3 veins and veinlets (all <2cm) have a reddish color</p> <p>104.85m: Qtz+CO3+chl+py vein, 1-2% py</p>						
112.10	128.25	16.15	<p>Interbedded Mafic Tuffaceous Sediments and Cherty Sediments</p> <p>-overall pinkish color, unit has a banded appearance where weakly altered bands are darker in color and still exhibit tuffaceous texture, weakly altered bands range from 2-20cm, moderate to strong altered bands exhibit no tuffaceous texture what so ever and range from 5-50cm, Qtz eyes and small (1mm) Qtz veinlets occur in moderate to strongly altered bands, py occurs in Qtz eyes and veinlets as very fine grained subhedral xtls and in matrix of alteration and Qtz+CO3 veins as medium grained euhedral disseminations and blebs (total 1-2%, locally up to 3%), Qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (1% of interval)</p> <p>120.09m: 3cm Qtz+CO3+py vein, py <1%</p>	259098	112.10	113.52	1.42	9	
				259099	113.52	114.87	1.35	8	
				259100	114.87	116.35	1.48	7	
				259001	116.35	119.00	2.65	8	
				259002	119.00	120.50	1.50	8	
				259003	120.50	122.00	1.50	11	
				259004	122.00	123.50	1.50	6	
				259005	123.50	125.00	1.50	5	
				259006	125.00	126.50	1.50	<5	
				259007	126.50	128.25	1.75	14	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
128.25	146.59	18.34	Moderate to Strong Pervasive CO3 Altered Mafic Tuff -similar to unit from 120.50-122.00m, qtz+CO3+py veins and veinlets occur randomly oriented throughout (1% of interval), py 1% overall, locally 2% <u>128.73m</u> : 5cm qtz+CO3+py vein, py <1% <u>131.24m</u> : 3cm qtz+CO3+py vein, py <1% <u>132.15m</u> : 3cm qtz+CO3 vein	259008 259009 259010 259011 259012 259013 259014 259015 259016 259017 259018 259019	128.25 129.50 131.00 132.50 134.00 135.50 137.00 138.50 140.00 141.50 143.00 144.50	129.50 131.00 132.50 134.00 135.50 137.00 138.50 140.00 141.50 143.00 144.50 146.59	1.25 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 2.09	5 9 15 10 <5 <5 <5 17 13 <5 18 66	<5
146.59	151.81	5.22	Weak Pervasive CO3 Altered Mafic Tuff -overall pinkish grey color (salt and pepper appearance), alteration overall weak but locally moderate, small mm scale chl veinlets occur throughout, no qtz veins or eyes occur, py occurs fine to medium grained subhedral disseminations in qtz+CO3 veins and veinlets (1%), qtz+CO3+pPy veins and veinlets occur randomly oriented throughout (2% of interval). <u>147.22m</u> : 3cm qtz+CO3 vein <u>147.52m</u> : 3cm qtz+CO3+py vein, 1% py, 40 degrees to core axis <u>149.51m</u> : 1cm qtz+CO3+py vein runs parallel to core axis for 10cm, 1% py <u>151.4m</u> : 5cm qtz+CO3+py vein, <1-1% py <u>151.76m</u> : 3cm qtz+CO3 bleb, vuggy appearance	259020 259021	146.59 149.00	149.00 151.81	2.41 2.81	97 128	
151.81	169.86	18.05	Mafic Tuff/Lapilli Tuff -similar to unit from 4.21-76.66m, fragments up to 0.5cm, weak shearing 50 degrees to core axis, no brittle deformation, selective alteration of fsps turning them a reddish color, qtz+CO3 veins and veinlets occur randomly oriented throughout (1-2% of interval), py occurs as very fine grained subhedral disseminations in matrix and as fine to medium grained subhedral xtls in qtz+CO3+chl+py veins (total <1%), contact with uphole unit is gradational and indistinct. <u>157.50m</u> : 6cm qtz+CO3+py vein, 1-2% py <u>158.64m</u> : 3cm qtz+CO3+py vein, 1%py <u>165.68-167.18m</u> : Interval of qtz+CO3+py blebs surrounded by mm scale Chl veins (brecciated appearance), <1% py <u>168.60m</u> : Broken Core	259022	156.50	158.00	1.50	81	64

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
169.86	204.35	34.49	<p>Interbedded Mafic Tuffaceous Sediments and Cherty Sediments</p> <p>-characterized by sharp alternating layers of dark greenish tuffaceous sediments and whiteish cherty sediments, fine grained matrix, cherty beds range from 5-10cm and typically contain mm qtz eyes and felsic clasts, bedding for the most part is continuous though some areas appear disturbed. tuffaceous sediments fine to medium grained and cherty sediments fine grained, bedding occurs 40 degrees to core axis, py occurs in matrix and in CO3+qtz veins as fine grained subhedral disseminations (1-2%), weakly sheared 40 degrees to core axis, brittle deformation occurs. qtz+CO3+chl+ep+py veins and veinlets occur randomly oriented throughout (2% of interval) contact with uphole unit is gradational and indistinct.</p> <p><u>178.14m</u>: 3cm qtz+CO3 vein <u>178.62m</u>: 4cm CO3 vein <u>181.56m</u>: 4cm qtz+CO3+chl vein <u>185.60m</u>: 1cm qtz+CO3+chl+py vein, 1%py <u>188.75m</u>: 5cm CO3 vein <u>191.85m</u>: 3cm qtz+CO3+py vein, <1% py <u>195.11m</u>: 6cm qtz+CO3 vein, stringers coming off vein contain py (<1%) <u>196.56m</u>: 3cm qtz+CO3+py vein, trace py <u>202.07m</u>: 4cm qtz+CO3+ep vein</p>						
204.35	209.62	5.27	<p>Aphanitic Mafic Flow</p> <p>-overall green color, massive texture, aphanitic, no brittle deformation, visible minerals hbl+chl+felsics, minor varioles occur <1cm in size filled with Fsps, unaltered, no veining occurs. barren of mineralization, contact with uphole is gradational and indistinct</p>						
209.62	223.11	13.49	<p>Interbedded Mafic Tuffaceous Sediments and Cherty Sediments</p> <p>-similar to unit from 169.86-204.35m</p> <p><u>212.96m</u>: 3cm qtz+CO3+ep vein <u>215.73m</u>: 4cm qtz+CO3 vein <u>217.52m</u>: 3cm qtz+CO3+ep bleb <u>217.87m</u>: 4cm qtz+CO3+chl+py vein, trace py <u>218.14m</u>: 3cm qtz+CO3+ep vein <u>218.82m</u>: 6cm qtz+CO3+ep vein <u>219.78m</u>: 3cm qtz+CO3+ep vein <u>222.53m</u>: 8cm qtz+CO3+ep vein</p>						
223.11	227.39	4.28	<p>Aphanitic Mafic Flow</p> <p>-similar to unit from 204.35-209.62m, contact with uphole unit sharp at 50 degrees to core axis</p>						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
227.39	262.27	34.88	Mafic Tuff/Lapilli Tuff -similar to unit from 4.21-76.66m, fragments up to 5cm, weakly sheared 60 degrees to core axis, py occurs in matrix and in CO3+qtz veins as fine grained subhedral disseminations qtz+CO3+chl+ep+py veins and veinlets occur randmoly oriented throughout (1% of interval) contact with uphole unit is gradational and indistinct. <u>227.60m</u> : 20cm qtz+CO3+ep+py bleb, <1%py <u>228.96m</u> : 3cm qtz+CO3+chl vein <u>230.46m</u> : 4cm qtz+CO3 vein <u>235.94m</u> : 20cm qtz+CO3+ep+chl bleb <u>236.76m</u> : 15cm qtz+CO3+ep vein, 70 degrees to core axis <u>242.11m</u> : 4cm qtz+CO3 vein <u>242.83m</u> : 3cm qtz+CO3+chl bleb <u>248.59m</u> : 5cm qtz+CO3+py vein, <1% py <u>261.10-261.23m</u> :mm qtz+CO3 veinlets containing 1% py	259024 259023 259025	236.00 248.00 260.00	237.50 249.50 261.50	1.5 1.50 1.50	<5 6 <5	
262.27	266.48	4.21	Interbedded Mafic Tuffaceous Sediments and Cherty Sediments -similar to unit from 169.86-204.35m						
266.48	303.04	36.56	Mafic Tuff/Lapilli Tuff -similar to unit from 4.21-76.66m, weak shearing 60 degrees to core axis, py occurs as fine to medium grained subhedral disseminations in veins and veinlets (<1% overall), qtz+CO3+py veins and veinlets as well as chl veinlets occur randomly oriented throughout (1% of interval). <u>272.21m</u> : 10cm interval of chl veinlets containing 1% py <u>272.31m</u> : 3cm qtz+CO3+py vein, py 1% <u>273.40m</u> : 5cm interval of chl veinlets containing 1% py <u>280.05m</u> : 3cm qtz+CO3 vein <u>283.75-284.00m</u> : Interval dominated by 3-8 cm qtz+CO3 blebs (slight pink color) <u>284.92m</u> : 2.5cm qtz+CO3+py vein, 1% py <u>286.82m</u> : 2cm qtz+CO3+py vein, py <1% <u>296.59m</u> : 4cm qtz+CO3+py vein, py 1% <u>297.32-297.42m</u> :Qtz+CO3+py veinlets, py 1%	259026 259027	272.00 284.00	273.50 285.50	1.50 1.50	9 5	
303.04	305.56	2.52	Interbedded Mafic Tuffaceous Sediments and Cherty Sediments -similar to unit from 169.86-204.35m						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
305.56	341.34	35.78	Mafic Tuff/Lapilli Tuff -similar to unit from 4.21-76.66m, shearing 70 degrees to core axis, brittle faulting occurs, barren of mineralization, Qtz+CO3 veins and veinlets occur randomly oriented throughout (1-2% of interval). 309.37m: 8cm fault, hematite occurs on edges of fault 310.23m: 67cm fault 313.84m: 5cm Qtz+CO3 vein (light green color) 316.30m: 3cm Qtz+CO3 vein 318.07m: 10cm Qtz+CO3 bleb 321.56m: 3cm Qtz+CO3 vein 322.88m: 4cm Qtz+CO3 vein 323.05m: 5cm fault 330.80m: 8cm Qtz+CO3 bleb						
EOH: 341.34m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-17

Property: Drayton Property	Commenced: March 30, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: April 1, 2007	Method: Reflex Test		
Collar Co-ordinates: 2850N/5525E (GPS0588355/5544415)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 176.00m	Core Size: NQ	0	320.0°	-50.0°
Bearing: Grid North (N40W)	Casing Left in Hole: None	76	325.0°	-44.2°
Inclination: -50	Logged by: Adam Greening	126	327.6	-41.6°
Collar Elevation: 392m (approx)	Core Location: Sioux Lookout	176	330.7	-35.6°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	5.44	5.44	Overburden						
5.44	9.52	4.08	Mafic Tuff/Lapilli Tuff -overall greenish color, mottled, fragmental texture, fine grained matrix, fragments range from ash to lapilli in size (up to 5.5cm), some fragments appear as bands, visible minerals hbl+chl+CO3+qtz+felsics, weak shearing 45 degrees to core axis, unaltered, qtz+CO3 veins and veinlets rarely occur (<1%), barren of mineralization, broken core occurs throughout.						
9.52	46.49	36.97	Banded Tuff -characterized by alternating bands of mafic tuff and mafic lapilli tuff, banding occurs 45 degrees to core axis and is continuous for the most part though some areas are disturbed, weak shearing 45 degrees to core axis, brittle faulting occurs, unaltered, Qtz+CO3 veins and veinlets occur randomly oriented throughout (1% of interval), fine grained subhedral disseminated and bleby py occurs in matrix along bedding and in qtz+CO3 veins (total <1%), contact with uphole unit is gradational and indistinct, broken core occurs throughout. <u>10.50m:</u> 1cm fault <u>17.61m:</u> 6cm qtz+CO3 vein	259028 259029	17.00 25.30	18.50 26.75	1.50 1.45	9 9	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
46.49	80.00	33.51	Mafic Tuff						
			-characterized by mafic tuff with small 1-2mm brown veinlets of qtz+CO3+sericite (?) running though parallel to shearing at 45 degrees to core axis, selective alteration occurs where feldspars are replaced by sericite+clay, talc occurs on the edges of some core, indicating stronger shearing in this interval, qtz+CO3+chl+py+cpy veins and veinlets occur randomly oriented throughout (10% of interval), disseminated and bleby py occurs in matrix of unit associated with veinlets and in qtz+CO3 veins (1-2%), disseminated cpy occurs in qtz+CO3 veinlets (trace), best mineralization in mm sericite+clay scale veinlets occurs along edges of qtz+CO3 veins, contact with uphole unit is gradational and indistinct.	259030	47.37	48.85	1.48	418	
				259031	53.32	54.78	1.46	5	
				259032	59.65	61.15	1.50	<5	5
				259033	62.40	63.90	1.50	7	
				259034	65.22	66.75	1.53	<5	
				259035	48.85	50.35	1.50	5	
				259036	50.35	51.85	1.50	10	
				259037	51.85	53.32	1.47	12	
			<u>47.67m</u> : 4cm qtz+CO3+cpy vein, cpy <1%	259038	54.78	56.00	1.22	<5	
			<u>48.64m</u> : 8cm qtz+CO3+chl vein	259039	56.00	57.27	1.27	<5	
			<u>54.24m</u> : 5cm qtz+CO3 vein	259040	57.27	59.65	2.38	<5	
			<u>54.47m</u> : 4cm qtz+CO3 vein	259041	61.15	63.90	2.75	6	
			<u>56.00m</u> : 4cm qtz+CO3 vein	259042	63.90	65.22	1.32	11	12
			<u>58.40m</u> : 4cm qtz+CO3 vein	259043	66.75	68.00	1.25	10	
			<u>59.05m</u> : 16cm qtz+CO3+chl bleb	259044	68.00	69.50	1.50	5	
			<u>59.91m</u> : 20cm qtz+CO3 bleb	259045	69.50	71.00	1.50	<5	
			<u>62.86m</u> : 3cm qtz+CO3 vein	259046	71.00	72.50	1.50	<5	
			<u>62.98m</u> : 3cm qtz+CO3 vein	259047	72.50	74.00	1.50	<5	
			<u>63.20m</u> : 7cm qtz+CO3 bleb	259048	74.00	75.50	1.50	<5	
			<u>63.32m</u> : 16cm qtz+CO3+Chl bleb	259049	75.50	77.00	1.50	54	
			<u>63.50m</u> : 12cm qtz+CO3+Chl vein (20 degrees to core axis)	259050	77.00	80.00	3.00	332	
			<u>64.50m</u> : 7cm qtz+CO3+Chl vein						
			<u>64.70m</u> : 1mm qtz+CO3+Cpy veinlet, <1% cpy						
			<u>65.30m</u> : 20cm qtz+CO3 bleb, brecciated texture						
			<u>66.01m</u> : 10cm qtz+CO3+Chl vein (90 degrees to core axis)						
			<u>66.73m</u> : 7cm qtz+CO3 bleb						
			<u>66.83m</u> : 5cm qtz+CO3 vein						
			<u>73.58m</u> : 15cm fault						
			<u>74.07m</u> : 7cm qtz+CO3 vein						
			<u>74.70m</u> : 5cm qtz+CO3 vein						
			<u>77.00-80.00m</u> : 3m core run only returned 2m of core, 1m core loss						
			<u>77.90m</u> : 3cm qtz+CO+py vein, 2-3% Py						
			<u>78.32m</u> : 5cm qtz+CO3+py vein, 2-3% Py						
			<u>78.52m</u> : 4cm qtz+CO3 vein, dark reddish colour						

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
80.00	97.23	17.23	Interbedded Mafic Tuffaceous sediments and Cherty Sediments -overall light green color, mottled, fragmental texture, fine grained matrix, fragments range from ash to lapilli in size (up to 5cm), visible minerals hbl+chl+CO3+qtz+felsics, weak shearing 50 degrees to core axis, no brittle deformation occurs, contains intervals have a faint pinkish color cherty beds, hairline chl veinlets occur throughout some carrying very fine grained py, py also occurs in matrix and qtz+CO3 veins as fine grained disseminations and blebs (3% overall, locally 4-5%), qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (<1% of interval), contact with uphole unit is gradational and indistinct. <u>88.20m</u> : 40cm qtz+CO3+Chl+Py bleb, some of the qtz is blue in color, has a brecciated appearance 1% py.	259201 259202 259203 259204 259205 259206	80.00 83.00 86.00 89.00 92.00 95.00	83.00 86.00 89.00 92.00 95.00 97.23	3.00 3.00 3.00 3.00 3.00 2.23	<5 <5 <5 7 <5 21	
97.23	103.02	5.79	Mafic Tuff with Moderate CO3 Altered Interval -similar to unit from 5.44-9.52m, fragments up to 0.5cm, shearing 60 degrees to core axis, qtz+CO3 veins occur randomly oriented throughout (1% of interval), medium grained euhedral disseminated and bleby py occurs in altered interval and qtz+CO3 vein associated with interval (2%), fine grained subhedral py occurs in matrix (trace), moderate CO3 alteration occurs along the edges of a 3cm qtz+CO3+py vein. <u>99.65-99.85m</u> : qtz+CO3+Py vein, 2-3% py	259207	99.40	100.90	1.50	42	
102.02	105.05	3.03	Weak to Moderate Pervasive CO3 Altered Mafic Tuff overall light pinkish color, tuffaceous texture is still evident, qtz+CO3+py veins and veinlets occur randomly oriented throughout (<1%), py occurs as fine grained euhedral disseminations in alteration and qtz+CO3 veins (1%) <u>103.85m</u> : 5cm blue qtz+CO3+py vein with pink CO3 blebs inside, py 1%	259208	103.02	105.05	2.03	5	5
105.05	114.03	8.98	Strong Pervasive CO3 Altered Mafic Tuff -overall strongly altered though locally intense, pinkish color, no evidence of tuffaceous texture, no qtz eyes or veinlets occur, qtz+CO3+py veins and veinlets occur randomly oriented throughout (<1%), py occurs as fine grained anhedral disseminations and blebs throughout alteration (1%), one interval 10cm on either side of a 3cm qtz+CO3+py vein at 106.03m contains 3-4% coarse grained euhedral py <u>106.03m</u> : 3cm qtz+CO3+py vein, 2% py <u>110.30m</u> : 3cm qtz+CO3 vein <u>110.62m</u> : 1cm qtz+CO3+py vein, 2% py	259209 259210 259211 259212 259213 259214	105.05 106.55 108.50 110.00 111.50 113.00	106.55 108.50 110.00 111.50 113.00 114.03	1.50 1.95 1.50 1.50 1.50 1.03	205 5 <5 71 8 5	
114.03	118.03	4.00	Moderate to Strong Pervasive CO3 Altered Mafic Tuff -pinkish color, tuffaceous texture is exhibited in very small intervals, no qtz eyes or veinlets occur, qtz+CO3+py veins and veinlets occur randomly oriented throughout (<1%), py occurs as fine grained anhedral disseminations in altered zones and in qtz+CO3 veins (1%) <u>116.20m</u> : 3cm qtz+CO3 vein	259215 259216	114.03 116.00	116.00 118.03	1.97 2.03	138 <5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate	
118.03	124.78	6.75	Weak to Moderate Pervasive CO3 Altered Mafic Flow -overall purple color, variolites occurs throughout ranging up 1cm in size, variolites typically filled with fsp+qtz, no pure qtz eyes or veinlets occur, trace fine grained subhedral disseminated py in matrix and qtz+CO3 veins (<1-1%), qtz+CO3+py veins and veinlets occur randomly oriented throughout (1% of interval) <u>123.18m</u> : 5cm qtz+CO3+py vein, 1%py	259217 259218 259219 259220	118.03 120.50 122.00 123.50	120.50 122.00 123.50 124.74	2.47 1.50 1.50 1.24	<5 <5 657 <5	<5	
124.74	152.94	28.20	Mafic Tuff/Lapilli Tuff -similar to unit from 5.44-9.52m, fragments up to 0.3cm, shearing 65 degrees to core axis, brittle deformation occurs, qtz+CO3+py veins occur randomly oriented throughout (1% of interval) selective alteration of fsp occurs, py occurs as fine grained subhedral disseminations in matrix and qtz+CO3 veins (1%), contact with uphole unit is sharp 65 degrees to core axis. <u>126.12m</u> : 4cm qtz+CO3 vein <u>127.96m</u> : 4cm qtz+CO3+py vein, <1% py <u>128.35m</u> : 4cm qtz+CO3+py vein, <1% py <u>129.10m</u> : 7cm qtz+CO3+py vein, <1% py <u>137.95m</u> : 10cm fault, hematite occurs along edges <u>138.90m</u> : 10cm qtz+CO3 bleb, vuggy texture <u>152.24m</u> : 3cm qtz+CO3+py vein, 1% py							
152.94	168.80	15.86	Interbedded Mafic Tuffaceous sediments and Cherty Sediments -characterized by sharp alternating layers of dark greenish tuffaceous sediments and pinkish cherty sediments, cherty beds range from 2-10cm and typically containing mm qtz eyes and felsic clasts. bedding for the most part is continuous though some areas appear disturbed, tuffaceous sediments fine to medium grained and cherty sediments fine grained, bed qtz+CO3+chl+py veins and veinlets occur randomly oriented throughout (2% of interval), contact with uphole unit is gradational and indistinct. <u>161.81m</u> : 3cm qtz+CO3 vein <u>162.55m</u> : 17 cm qtz+CO3+chl+ser(?) vein, small brown veinlets (ser?) run through center of vein. 55 degrees to core axis <u>164.30m</u> : 7cm qtz+CO3+chl+py vein, trace py <u>165.50m</u> : 4cm qtz+CO3 vein <u>166.24m</u> : 3cm qtz+CO3 vein <u>167.08m</u> : 6cm qtz+CO3 vein	259221	162.50	165.50	3.00	<5		

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
168.80	176.00	7.20	<p>Mafic Tuff</p> <p>-similar to unit from 5.44-9.52m, fragments all <2mm, shearing 65 degrees to core axis, qtz+CO3+ep+chl veins occur randomly oriented throughout (3% of interval), trace fine grained disseminated py occurs in matrix.</p> <p>169.94m: 3cm qtz+CO3 vein</p> <p>173.12m: 4cm qtz+CO3 vein</p> <p>173.28m: 4cm qtz+CO3 vein</p> <p>175.54m: 17cm qtz+CO3+chl+ep vein, 65 degrees to core axis.</p>						
EOH: 176.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-18

Property: Drayton Property	Commenced: April 3, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: April 5, 2007	Method: Reflex Test		
Collar Co-ordinates: 2870N/5700E(GPS 0588534/5544717)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 173.00m	Core Size: NQ	0	320°	-50°
Bearing: Grid North (N40°W)	Casing Left in Hole:	69	324.3°	-47.1°
Inclination: -50°	Logged by: Aung M. Thein	122	327.3	-41.6°
Collar Elevation: 387m (approx.)	Core Location: Dryden	173	329.7	-36.5°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	2.13	9.60	Overburden						
9.60	59.85	50.25	Banded Mafic Tuff (Moderately Sheared) -overall med-green color, med-gr.(2-3mm), fragmental texture, mottled/streaked green mafic and light/clear felsic mm-scale bands, banded, visible mineral composition in general 30% felsic and 70% mafic, however more felsic in places, tuff size in general and lapilli in places, clasts mainly felsic and angular, clast size mm-scale, warped by mafic layers and generally unaltered compositional and grain-size bands indicative of bedding evident, bedding 50° to core axis, moderate shearing mostly parallel to bedding, however oblique in places, exhibits more shearing in coarser grained, non pervasive alteration, epidotized locally mainly along strong shearing, shearing healed by hairline qtz-CO3+/-py veinlets(1%), also contains late stage qtz-CO3 wisps and cm-scale irregular veins, pyritiferous matrix, py as 2-3mm cube common and disseminated (0.5-1%py), red hematite irregular veinlets in places and possibly secondary healing water seepage fractures, grades into downhole unit marked by first sedimentary layers, 50 to c.a°. <u>11.80-12.10m:</u> Epidotized Interval <u>42.10-42.35m:</u> Qtz-CO3-py rich Interval (0.5-1%)	259222 259223 259224 259225	11.00 25.30 41.00 48.50	12.50 26.80 42.50 50.00	1.50 1.50 1.50 1.50	<5 <5 <5 <5	
59.85	81.25	21.40	Interbedded Tuffaceous Sediments/Felsic Cherty Sediments (Moderate Shearing) -characterized by strong and sharp alternate layers of light greenish-grey tuffaceous sediments and pinkish cherty siliceous sediments, generally med. grained, tuffaceous sediments intermediate composition with light grey overall color, mineral composition 50% felsic-50% mafic, also contain fine-grained massive sandy metagreywackelayer, layers range from cm-20cm, layering 50° to core axis in general, layering very consistent (in contrast to streaky banding of uphole unit), unconsolidated sedimentary small scale pressure folding in places, fragmental texture still evident in waterlain tuffaceous sediments, moderate shearing parallel to bedding, shearing more pronounced in tuffaceous sediments and healed by hairline qtz-CO3+/-py veinlets, 2-3% mm-cm scale qtz-CO3 veinlets (1%), non-pervasive alteration, felsic clasts are generally unaltered, pyritiferous matrix, 0.5% py dissemination in matrix, grades into downhole unit.	259226 259227 259228 259229	59.85 61.50 64.20 79.75	61.35 63.00 65.70 81.25	1.50 1.50 1.50 1.50	<5 <5 <5 <5	<5

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
81.25	136.90	55.65	Banded Mafic Tuff (Moderate-Strongly Sheared) -similar to banded mafic tuff at 19.60-59.85m interval except brownish CO3 altered felsic grains, med-dark green color, mottled/streaked, mainly grained, fragmental texture still evident in tuffaceous sediments, mm-scale clasts, mainly Qtz-feldspathic and rock clasts, mafic composition with 50% mafic and 50% Qtz/feldspar, feldspathic clasts variably carbonatized, moderate to strongly sheared, 50° to core axis, clasts elongated parallel to shearing, non-pervasive alteration, sheared fractures healed by early-phase mm-cm scale Qtz-CO3 veinlets and late-phase Qtz-CO3 veinlets total content 1-2% of the interval, late Qtz-CO3 veinlets and wisps oblique to shearing, pyritiferous matrix, py disseminations and euhedral cubes common (2-3%), magnetite-rich interval in mafic tuff common, mm-scale dark grain and disseminated (2-3%), grades into downhole unit. <u>86.90-110.90m</u> : Magnetite-rich Interval, generally 1%, up to 2-3% <u>112.90-113.20m</u> : Pyrite-rich Tuff <u>116.18-116.40m</u> : Epidotized Interval <u>122.10-122.50m</u> : Qtz-CO3 Breccia Zone <u>126.50-136.90m</u> : Intensely Sheared Interval	259230 259231 259232 259233 259234 259235	102.95 107.00 115.20 122.10 126.50 135.40	104.45 108.50 116.70 122.10 128.00 136.90	1.50 1.50 1.50 1.50 1.50 1.50	<5 <5 <5 <5 <5 45	
136.90	173.00	36.10	Interbedded Tuffaceous Sediments/Felsic Cherty Sediments (Moderate Shearing) -similar to 59.85-81.25m interval except more abundant cherty siliceous layers, overall light grey color, characterized by strong and sharp alternate layers of light greenish-grey tuffaceous sediments and pinkish cherty siliceous sediments, generally med. grained, varies to fine and lapilli size in places, tuffaceous sediments intermediate to felsic composition with light grey overall color, mineral composition 50% felsic-50% mafic, also contain fine-grained massive sandy metagreywacke layer, cherty layers contain felsic fragments, layers range from cm to m-scale, layering 50° to core axis in general, moderate shearing parallel to bedding, shearing more pronounced in tuffaceous sediments and healed by hairline Qtz-CO3+-py veinlets, 2-3% mm-cm scale Qtz-CO3 veinlets (1-2%), non-pervasive alteration, felsic clasts are generally unaltered, pyritiferous matrix, 1-2% py dissemination in matrix. <u>141.60-141.70m</u> : Fault, fault gouge, 90° to c.a.	259236 259237 259238 259239 259240 259241 259242 259243 259244	136.90 138.40 145.80 147.30 150.20 157.40 161.70 164.60 171.50	138.40 140.00 147.30 148.30 151.70 158.90 163.20 166.10 173.00	1.50 1.60 1.50 1.50 1.50 1.50 1.50 1.50 1.50	9 46 6 <5 10 <5 11 86 6	9
EOH:173.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-19

Property: Drayton Property	Commenced: April 5, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: April 10, 2007	Method: Reflex Test		
Collar Co-ordinates: 2890N/5800E(GPS 0588610/5544782)	Drilling Co.: Top Rank Drilling	Depth	Direction	Inclination
Length: 176.00m	Core Size: NQ	0	320°	-50°
Bearing: Grid North (N40°W)	Casing Left in Hole:	65	315.8°	-46.8°
Inclination: -50°	Logged by: Aung M. Thein	116	328.3°	-40.5°
Collar Elevation: 387m (approx.)	Core Location: Dryden	167	331.1°	-35.7°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	11.50	11.50	Overburden						
11.50	73.30	61.80	Banded Mafic Tuff (Moderately Sheared) -mainly banded mafic tuff, grades into lapilli tuff in some intervals, overall med to dark green color, lapilli tuff lighter shades of green due to larger felsic clasts, tuff med-gr.(2-3mm), fragmental texture, mottled/streaked with light color Qtz-feldspathic clasts in mainly green mafic matrix, clasts and bands mm-scale, clasts mainly felsic and angular, clasts variably carbonatized and warped by mafic layers, visible mineral composition in general 30% felsic and 70% mafic, however more felsic in lapilli tuff, moderate to locally strong shearing, 50° to core axis, shearing healed by hairline Qtz-CO3 (locally FeCO3)+/- py veinlets (1-2%), also contains late stage Qtz-CO3 wisps and cm-scale irregular veins (1%), no pervasive alteration, pyritiferous matrix, py as 1-3mm cube common and disseminated (0.5-1%py), py concentrations up to 5-10% over narrow 1-2cm intervals, also magnetite rich interval in places, magnetite as disseminated mm-scale grains (1% in general locally up to 2-3%), grades into downhole unit marked by first sedimentary layers, 50° to c.a. <u>35.00-39.50m:</u> Lapilli Tuff, more felsic and intermediated composition, gradational contact <u>49.60-65.00m:</u> Magnetite-rich Interval, generally 1%, up to 2-3%, irregular mm-size grains	259245 259246 259247 259248 259248	17.10 21.50 36.80 62.06 66.05	18.60 23.00 38.30 63.56 67.55	1.50 1.50 1.50 1.50 1.50	6 10 97 <5 <5	6
73.30	79.40	6.10	Interbedded Metagraywacke/Tuffaceous Sediments (Weakly Sheared) -characterized by distinct, sharp, persistent, cm to m scale alternate layers of light greenish-grey tuffaceous sediments and light grey to greenish fine-grained metagreywacke, cherty layers not recorded within this interval, tuffaceous sediments med-grained intermediate composition with light grey overall color, tuffaceous mineral composition 70% felsic-30% mafic, layering 50° to core axis in general, layering very consistent (in contrast to streaky banding of uphole unit), fragmental texture still evident in waterlain tuffaceous sediments, massive to weakly sheared, shearing parallel to bedding, shearing more pronounced in tuffaceous sediments and healed by hairline Qtz-CO3+/-py veinlets (1%), also late randomly oriented cm-scale Qtz-CO3 veins (0.5%), non-pervasive alteration however felsic clasts in tuffaceous sediments are variably carbonatized, graded bedding observed younging uphole or south-facing, pyritiferous matrix, 0.5% py dissemination in matrix, 50° to c.a. with downhole unit. <u>77.85-78.05m:</u> 20cm Qtz-CO3 vein, py barren <u>78.90-79.20m:</u> 30cm late Qtz-CO3 irregular bleb, py barren	259250	77.85	79.35	1.50	<5	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
79.40	82.90	3.50	Banded Mafic Tuff (Moderately Sheared) -similar to 11.50-73.30m interval, grades into sediments downhole						
82.90	176.00	93.10	Interbedded Metagraywacke/Cherty Layer/Tuffaceous Sediments -similar to 73.30-79.40m interval except containing cm-scale cherty layers, interbedded greenish med-fine grained metagreywacke, buff to pinkish cherty layer and med-coarse grained tuffaceous sediments, beds are generally cm-scale, 45° to core axis, cherty layers 20% of the interval fragmental texture still evident in tuffaceous sediments, felsic clasts variably carbonatized, tuffaceous sediments light greyish color indicating intermediate composition, generally weak but locally moderate shearing, sheared fractures healed by early-phase mm-cm scale Qtz-CO3 veinlets (0.5%), disseminations, no pervasive alteration, unaltered <u>126.06-126.36m</u> : Qtz-CO3-breccia zone <u>156.10-156.50m</u> : Qtz-CO3-hematite rich Interval <u>158.90-160.25m</u> : Qtz-CO3-py veinlets-rich Interval	259251 259252 259253 259254 259255 259256 259257	93.70 125.00 150.33 155.98 158.80 168.90 174.50	95.20 126.50 151.83 157.48 160.30 170.40 176.00	1.50 1.50 1.50 1.50 1.50 1.50 1.50	5 <5 <5 <5 12 7 6	
EOH:176.00m									

DRAYTON PROPERTY, SIOUX LOOKOUT, ONTARIO

DIAMOND DRILL RECORD

HOLE NO.: DT07-20

Property: Drayton Property	Commenced: April 11, 2007	Hole Survey Information		
Location: Drayton Township, Northwestern Ontario	Completed: April 16, 2007	Method: Reflex Test		
Collar Co-ordinates: 2850N/5000E(GPS 0588022/5544212)	Drilling Co.: Top Rank Drilling	Depth (m)	Direction	Inclination
Length: 365.00m	Core Size: NQ	0	320°	-75°
Bearing: Grid North (N40°W)	Casing Left in Hole:	59	323.9°	75.5°
Inclination: -75°	Logged by: Aung M. Thein	104	321.9°	-74.2°
Collar Elevation: 387m (approx.)	Core Location: Dryden	156	324.8°	-72.9°
		209	326.0°	-71.7°
		254	333.1°	-70.5°
		308	334.0°	-69.6°
		362	337.6°	-67.8°

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
0.00	13.44	13.44	Overburden						
13.44	23.40	9.96	Interbedded Metagraywacke/Cherty Layer/Tuffaceous Sediments -characterized by strong, distinct, persistent banding indicative of bedding, both color, compositional and grain size bedding, generally cm-scale layering, 10-25° to c.a, angle increases downhole as drill inclination flattened, interbedded greenish med-fine grained metagreywacke, light greenish to light pinkish cherty layer and greenish med-coarse grained tuffaceous sediments, fragmental texture still evident in tuffaceous sediments, cherty layers are flattened/stretched and fragmented in places, unaltered, no pervasive alteration, massive to weak shearing and weak fracturing, shearing parallel to bedding, both shear planes and uneven wispy fractures are filled by mm-scale qtz-CO3 veinlets (0.5-1%), mm-scale semi-massive py stringers along bedding in places (0.5%), also late cm-scale qtz-CO3 veins oblique to bedding/shearing evident in few places (<0.5%), late qtz-CO# veins are widely spaced and randomly distributed, sharp contact with downhole unit, 25-30° to c.a <u>13.80m:</u> Fault, fault gouge, 45° to c.a <u>18.03-18.04m:</u> Late qtz-CO3 vein, 3cm, perpendicular to c.a, devoid of py and sulphides <u>21.50-21.54m:</u> Late qtz-CO3 vein, 4cm, perpendicular to c.a, devoid of py and sulphides	259268 259269 259270 259271 259272 259273	17.00 18.03 18.04 21.01 21.50 21.54	18.03 18.04 19.54 21.50 21.54 22.55	1.03 0.01 1.50 0.49 0.04 1.01	13 12 13 18 12 13	11
23.40	53.70	30.30	Mafic Tuff -overall med-green, slightly to moderately banded adjacent to uphole and downhole sedimentary units, massive and non-banded in central portion of the unit, generally medium grained, fragmental texture, mottled/streaked with light color qtz-feldspathic clasts in mainly green mafic matrix, clasts mainly felsic and angular, clasts variably carbonatized and warped by mafic layers, visible mineral composition in general 30% felsic and 70% mafic, massive to locally weak shearing, 30° to core axis, also weak uneven fracturing, shearing and fracturing healed by hairline to mm-scale qtz-CO3 veinlets (1%), also contains late stage qtz-CO3 wisps and cm-scale irregular veins (0.5%), unaltered pyritiferous matrix, py up to 1-2mm cube and disseminated (0.5%py), grades into downhole unit marked by first sedimentary layers, 30° to c.a.	259274 259275 259276 259277 259278	40.80 41.32 41.35 44.90 52.20	41.32 41.35 42.23 46.40 53.70	0.52 0.03 0.88 1.50 1.50	12 6 10 12 14	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
53.70	82.10	28.40	Interbedded Metagraywacke/Tuffaceous Sediments (Massive) -similar to 13.44-23.40 m interval except virtually devoid of cherty layers, dominantly greenish fine-gr metagreywacke and lesser amount of tuffaceous sediments, characterized by distinct, sharp, persistent, cm-scale alternate layers, layering 30° to core axis, fragmental texture still evident in waterlain tuffaceous sediments, massive to weakly sheared, shearing parallel to bedding and healed by hairline qtz-CO ₃ +/-py veinlets (1%), late qtz-CO ₃ vein virtually barren within this interval, unaltered, non-pervasive alteration,	259279	53.70	55.20	1.50	31	20
				259280	74.00	75.50	1.50	10	
				259281	77.00	78.50	1.50	10	
82.10	99.50	17.40	Mafic Tuff -similar to 23.40-53.70m interval, unaltered, waterlain as indicated by cm-scale interstratified metagreywacke beds, med-green, med-grained, mafic composition, fragmental texture still evident weak to moderately sheared, healed by mm-scale older qtz-CO ₃ +/-py veinlets (1-2%), also contains late stage cm-scale qtz-CO ₃ vein (0.5%), these late stage vein contains lesser milky CaCO ₃ and thus more clear, CaCO ₃ distribution is at margin in contrast to more uniform distribution in older vein, late veins distinguishable into two systems based on attitude relation with pre-formed shearing, one late vein is sub-parallel to shear or approximately perpendicular to core axis, the remaining is sub-perpendicular to shear or sub-parallel to c.a, the contact relation indicates those sub-parallel to shear is younger than those sub-perpendicular to shear, no pervasive alteration, gradational contact with up and downhole unit, 30° to c.a. <u>93.50m</u> : Late qtz-CO ₃ vein, 18cm blebs along core axis	259282	92.35	93.30	0.95	11	
				259283	93.30	93.48	0.18	15	
				259284	93.48	93.90	0.42	8	
				259285	98.00	99.50	1.50	7	
99.50	104.00	4.50	Interbedded Metagraywacke/Cherty Layer/Tuffaceous Sediments -similar to 13.44-23.40m interval, well-banded in contrast to streaky banding in tuff, 30° to c.a.	259286	99.50	101.00	1.50	7	
				259287	101.00	102.50	1.50	9	
				259288	102.50	104.00	1.50	11	
104.00	110.35	6.35	Mafic Tuff -similar to 82.10-99.50m interval	259289	104.00	104.15	0.15	13	6
				259290	104.15	104.22	0.07	6	
				259291	104.22	105.50	1.28	13	
				259292	109.05	110.35	1.30	13	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
110.35	164.40	54.05	Interbedded Metagraywacke/Cherty Layer/Tuffaceous Sediments						
			-similar to 99.50-104.00m interval	259293	111.30	111.35	0.05	14	
				259294	111.35	111.40	0.05	14	
				259295	111.40	111.95	0.55	12	
				259296	111.95	112.65	0.70	19	
				259297	112.65	112.71	0.06	25	
				259298	112.71	113.35	0.64	15	
				259299	123.35	123.75	0.40	21	
				259300	123.75	123.79	0.04	725	
				259301	123.79	124.75	0.96	18	17
				259302	130.40	131.90	1.50	14	
				259303	143.00	144.50	1.50	14	
				259304	153.33	153.73	0.40	11	
				259305	153.73	153.93	0.20	18	
				259306	153.93	154.73	0.80	11	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
164.40	232.50	68.10	Mafic Tuff						
			-similar to 104.00-110.30m interval	259307	168.75	169.55	0.80	15	
				259308	169.55	170.00	0.45	<5	
				259309	170.00	171.50	1.50	10	
				259310	174.50	175.70	1.20	13	7
				259311	175.70	175.73	0.03	12	
				259312	175.73	175.98	0.25	8	
				259313	192.50	193.40	0.90	7	
				259314	193.40	193.83	0.43	<5	
				259315	193.83	195.33	1.50	<5	
				259316	205.20	205.60	0.40	5	
				259317	205.60	205.63	0.03	<5	
				259318	205.63	205.85	0.22	7	
				259319	205.85	206.00	0.15	8	
				259320	206.00	206.30	0.30	<5	8
				259321	206.30	206.36	0.06	<5	
				259322	206.36	208.00	1.64	6	
				259323	208.00	208.05	0.05	6	
				259324	208.05	209.55	1.50	<5	
				259325	218.88	220.14	1.26	7	
				259326	220.14	220.18	0.04	5	
				259327	220.18	220.29	0.11	7	
				259328	220.29	220.50	0.21	<5	
				259329	220.50	221.00	0.50	8	
				259330	221.00	221.15	0.15	13	11
				259331	221.15	222.65	1.50	12	
				259332	228.35	229.03	0.68	10	
				259333	229.03	229.14	0.11	7	
				259334	229.14	229.87	0.73	10	
				259335	231.50	232.50	1.00	24	

From (m)	To (m)	Interval (m)	Description	Sample No.	From (m)	To (m)	Length (m)	Au (ppb)	Duplicate
232.50	262.20	29.70	Mafic Lapilli Tuff (Moderately Sheared/Unaltered)						
			-characterized by coarser grained than tuff, 5-6mm, locally contains 2-3cm agglomeratic layers waterlain and stratified with mm to cm-scale sedimentary layers, mottled/streaked with light color	259336	232.50	234.00	1.50	12	
			qtz-feldspathic clasts in mainly green mafic matrix, clasts mainly felsic and angular,, overall med-	259337	241.44	242.32	0.88	11	
			green, tuffaceous, fragmental texture well preserved, mafic mineral composition, moderately	259338	242.32	242.34	0.02	10	
			sheared, locally strongly sheared, shearing healed by healed by hairline to mm-scale qtz-CO ₃	259339	242.34	242.84	0.50	9	12
			veinlets (5%), also contains late stage qtz-CO ₃ cm-scale veins (1-2%), unaltered, no pervasive	259340	242.84	244.34	1.50	13	
			alteration, pyritiferous matrix, py as cubes and disseminations (1-2%), grades into downhole unit,	259341	244.34	244.74	0.40	11	
			30° to c.a.	259342	244.74	245.60	0.86	10	
				259343	252.99	254.20	1.21	11	
				259344	254.20	254.30	0.10	8	
			<u>255.50-256.30m</u> : Interbedded metagreywacke/tuffaceous sediments interval, gradational contact	259345	254.30	255.50	1.20	8	
			<u>260.00m</u> : Fault, gouge , 30° to c.a.	259346	258.38	258.95	0.57	11	
			<u>260.70-260.80m</u> : Interbedded metagreywacke interval, conformable contact	259347	258.95	258.98	0.03	10	
				259348	258.98	259.88	0.90	10	
				259349	259.88	260.30	0.42	10	
				259350	260.30	260.36	0.06	14	
				259351	260.36	260.95	0.59	20	17
262.20	290.50	28.30	Interbedded Metagraywacke/Cherty Layer/Tuffaceous Sediments						
			-similar to 110.30-164.40m interval	259352	279.25	280.05	0.80	<5	
				259353	280.05	280.15	0.10	<5	
				259354	280.15	280.60	0.45	7	
				259355	281.00	282.20	1.20	7	
				259356	282.20	282.26	0.06	647	
				259357	282.26	284.00	1.74	6	
290.50	365.00	74.50	Mafic Lapilli Tuff						
			-similar to 232.50-262.20m interval	259358	295.80	297.72	1.92	<5	
				259359	311.00	311.70	0.70	7	
				259360	311.70	312.10	0.40	<5	<5
				259361	312.10	313.60	1.50	6	
				259362	330.50	331.64	1.14	16	
				259363	331.64	331.68	0.04	6	
				259364	331.68	331.95	0.27	5	
				259365	333.18	334.38	1.20	6	
				259366	334.38	334.42	0.04	6	
				259367	334.42	335.00	0.58	7	
				259368	339.70	341.20	1.50	<5	
				259369	363.80	365.00	1.20	<5	<5
EOH:365.00m									

Appendix II
Assay Certificates



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

Certificate of Analysis

Wednesday, March 21, 2007

MPH Consulting Ltd.
Suite 501, 133 Richmond St. West
Toronto, ON, CAN
M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnxlt.com

Date Received : 15-Mar-07
Date Completed : 20-Mar-07
Job # 200740618
Reference : C-1949
Sample #: 29 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
52935	612251 ✓	<5	<0.001	<0.005
52936	612252 ✓	<5	<0.001	<0.005
52937	612253 ✓	<5	<0.001	<0.005
52938	612254 ✓	<5	<0.001	<0.005
52939	612255 ✓	<5	<0.001	<0.005
52940	612256	<5	<0.001	<0.005
52941	612257	<5	<0.001	<0.005
52942	612258	<5	<0.001	<0.005
52943	612259	<5	<0.001	<0.005
52944	612260	6	<0.001	0.006
52945 Check	612260	<5	<0.001	<0.005
52946	612261	<5	<0.001	<0.005
52947	612262	<5	<0.001	<0.005
52948	612263	<5	<0.001	<0.005
52949	612264	<5	<0.001	<0.005
52950	612265	<5	<0.001	<0.005
52951	612266	<5	<0.001	<0.005
52952	612267	<5	<0.001	<0.005
52953	612268	<5	<0.001	<0.005
52954	612269	<5	<0.001	<0.005
52955	612270	<5	<0.001	<0.005
52956 Check	612270	<5	<0.001	<0.005
52957	612271 ✓	<5	<0.001	<0.005

DTOT-II

PROCEDURE CODES: AL5Au

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Wednesday, March 21, 2007

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M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 15-Mar-07
Date Completed : 20-Mar-07
Job # 200740618
Reference : C-1949
Sample #: 29 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
52958	612305	<5	<0.001	<0.005
52959	612306	308	0.009	0.308
52960	612307	<5	<0.001	<0.005
52961	612308	<5	<0.001	<0.005
52962	612309	107	0.003	0.107
52963	612310	180	0.005	0.180
52964	612311	25	<0.001	0.025
52965	612312	<5	<0.001	<0.005

DT07-13

PROCEDURE CODES: AL5Au

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Monday, April 09, 2007

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Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 22-Mar-07
Date Completed : 05-Apr-07
Job # 200740703
Reference : C-1949
Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
58874	612272	13	<0.001	0.013
58875	612273	7	<0.001	0.007
58876	612274	9	<0.001	0.009
58877	612275	13	<0.001	0.013
58878	612276	11	<0.001	0.011
58879	612277	11	<0.001	0.011
58880	612278	8	<0.001	0.008
58881	612279	9	<0.001	0.009
58882	612280	9	<0.001	0.009
58883	612281	<5	<0.001	<0.005
58884 Check	612281	<5	<0.001	<0.005
58885	612282	6	<0.001	0.006
58886	612283	<5	<0.001	<0.005
58887	612284	9	<0.001	0.009
58888	612285	7	<0.001	0.007
58889	612286	82	0.002	0.082
58890	612287	928	0.027	0.928
58891	612288	268	0.008	0.268
58892	612289	311	0.009	0.311
58893	612290	552	0.016	0.552
58894	612291	986	0.029	0.986
58895 Check	612291	954	0.028	0.954
58896	612292	11	<0.001	0.011

DT07-12

DT07-13

PROCEDURE CODES: AL4Au

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Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 22-Mar-07
Date Completed : 05-Apr-07
Job # 200740703
Reference : C-1949

Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
58897	612293	9	<0.001	0.009
58898	612294	17	<0.001	0.017
58899	612295	12	<0.001	0.012
58900	612296	15	<0.001	0.015
58901	612297	<5	<0.001	<0.005
58902	612298	10	<0.001	0.010
58903	612299	20	<0.001	0.020
58904	612300	15	<0.001	0.015
58905	612301	<5	<0.001	<0.005
58906 Check	612301	7	<0.001	0.007
58907	612302	13	<0.001	0.013
58908	612303	<5	<0.001	<0.005
58909	612304	8	<0.001	0.008
58910	612312		No Sample	
58911	612313	16	<0.001	0.016
58912	612314	8	<0.001	0.008
58913	612315	<5	<0.001	<0.005
58914	612316	7	<0.001	0.007
58915	612317	<5	<0.001	<0.005
58916	612318	<5	<0.001	<0.005
58917 Check	612318	<5	<0.001	<0.005
58918	612319	31	<0.001	0.031
58919	612320	18	<0.001	0.018

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PROCEDURE CODES: AL4Au

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Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mxltd.com

Date Received : 22-Mar-07
Date Completed : 05-Apr-07
Job # 200740703
Reference : C-1949
Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
58920	612321	<5	<0.001	<0.005
58921	612323	12	<0.001	0.012
58922	612324	10	<0.001	0.010
58923	612325	6	<0.001	0.006
58924	612326	13	<0.001	0.013
58925	612327	7	<0.001	0.007
58926	612328	7	<0.001	0.007
58927	612329	6	<0.001	0.006
58928 Check	612329	5	<0.001	0.005
58929	612330	9	<0.001	0.009
58930	612331	21	<0.001	0.021
58931	612332	7	<0.001	0.007
58932	612333	69	0.002	0.069
58933	612334	42	0.001	0.042
58934	612335	<5	<0.001	<0.005
58935	612336	6	<0.001	0.006
58936	612337	No Sample		

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PROCEDURE CODES: AL4Au

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Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 27-Mar-07
Date Completed : 10-Apr-07
Job # 200740768
Reference : C-1949

Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
63016	259056	<5	<0.001	<0.005
63017	259057	27	<0.001	0.027
63018	259058	8	<0.001	0.008
63019	259059	27	<0.001	0.027
63020	259060	9	<0.001	0.009
63021	259061	53	0.002	0.053
63022	259062	14	<0.001	0.014
63023	259063	15	<0.001	0.015
63024	259064	7	<0.001	0.007
63025	259065	<5	<0.001	<0.005
63026 Check	259065	<5	<0.001	<0.005
63027	259066	12	<0.001	0.012
63028	259067	10	<0.001	0.010
63029	259068	8	<0.001	0.008
63030	259069	14	<0.001	0.014
63031	259070	12	<0.001	0.012
63032	259071	24	<0.001	0.024
63033	259072	9	<0.001	0.009
63034	259073	29	<0.001	0.029
63035	259074	33	<0.001	0.033
63036	259075	22	<0.001	0.022
63037 Check	259075	32	<0.001	0.032
63038	259076	9	<0.001	0.009

DT07-14

DT07-15

PROCEDURE CODES: AL5Au, AL4ICPAR

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Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 27-Mar-07
Date Completed : 10-Apr-07
Job # 200740768
Reference : C-1949

Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
63039	259077	81	0.002	0.081
63040	259078	48	0.001	0.048
63041	259079	544	0.016	0.544
63042	259080	12	<0.001	0.012
63043	259081	23	<0.001	0.023
63044	259082	11	<0.001	0.011
63045	259083	932	0.027	0.932
63046	259084	6	<0.001	0.006
63047	259085	20	<0.001	0.020
63048 Check	259085	9	<0.001	0.009
63049	259086	35	0.001	0.035
63050	259087	129	0.004	0.129
63051	259088	<5	<0.001	<0.005
63052	259089	28	<0.001	0.028
63053	259090	8	<0.001	0.008
63054	259091	<5	<0.001	<0.005
63055	259092	18	<0.001	0.018
63056	259093	12	<0.001	0.012
63057	259094	9	<0.001	0.009
63058	259095	209	0.006	0.209
63059 Check	259095	204	0.006	0.204
63060	259096	7	<0.001	0.007
63061	259097	34	<0.001	0.034

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PROCEDURE CODES: AL5Au, AL4ICPAR

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Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 27-Mar-07
Date Completed : 10-Apr-07
Job # 200740768
Reference : C-1949

Sample #: 58 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
63062	612347	6	<0.001	0.006
63063	612348	6	<0.001	0.006
63064	612349	5	<0.001	0.005
63065	612350	5	<0.001	0.005
63066	612351	<5	<0.001	<0.005
63067	612352	<5	<0.001	<0.005
63068	612353	<5	<0.001	<0.005
63069	612354	19	<0.001	0.019
63070	Check 612354	32	<0.001	0.032
63071	612355	<5	<0.001	<0.005
63072	612356		No Sample	
63073	612360	<5	<0.001	<0.005
63074	612361	8	<0.001	0.008
63075	612362	13	<0.001	0.013
63076	612363	183	0.005	0.183
63077	612364	55	0.002	0.055
72059	612365	<5	<0.001	<0.005

DT07-14

PROCEDURE CODES: AL5Au, AL4ICPAR

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Wednesday, April 25, 2007

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M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnxlimited.com

Date Received : 11-Apr-07
Date Completed : 24-Apr-07
Job # 200740921
Reference : C-1949
Sample #: 8 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
75093	259258	<5	<0.001	<0.005
75094	259259	<5	<0.001	<0.005
75095	259260	<5	<0.001	<0.005
75096	259261	<5	<0.001	<0.005
75097	259262	<5	<0.001	<0.005
75098	259263	146	0.004	0.146
75099	259264	<5	<0.001	<0.005
75100	259265	<5	<0.001	<0.005
75101 Check	259265	<5	<0.001	<0.005

DT07-13

PROCEDURE CODES: AL5Au

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Fax#: (416) 365-1830
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Date Received : 04-Apr-07
Date Completed : 18-Apr-07
Job # 200740862

Reference :
Sample #: 41 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
70380	259003	11	<0.001	0.011
70381	259004	6	<0.001	0.006
70382	259005	5	<0.001	0.005
70383	259006	<5	<0.001	<0.005
70384	259007	14	<0.001	0.014
70385	259008	5	<0.001	0.005
70386	259009	9	<0.001	0.009
70387	259010	15	<0.001	0.015
70388	259011	10	<0.001	0.010
70389	259012	<5	<0.001	<0.005
70390 Check	259012	<5	<0.001	<0.005
70391	259013	<5	<0.001	<0.005
70392	259014	<5	<0.001	<0.005
70393	259015	17	<0.001	0.017
70394	259016	13	<0.001	0.013
70395	259017	<5	<0.001	<0.005
70396	259018	18	<0.001	0.018
70397	259019	66	0.002	0.066
70398	259020	97	0.003	0.097
70399	259021	128	0.004	0.128
70400	259022	81	0.002	0.081
70401 Check	259022	64	0.002	0.064
70402	259023	6	<0.001	0.006

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PROCEDURE CODES: AL5Au, AL4ICPAR

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M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 04-Apr-07
Date Completed : 18-Apr-07
Job # 200740862
Reference :
Sample #: 41 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
70403	259024	<5	<0.001	<0.005
70404	259025	<5	<0.001	<0.005
70405	259026	9	<0.001	0.009
70406	259027	5	<0.001	0.005
70407	259028	9	<0.001	0.009
70408	259029	9	<0.001	0.009
70409	259030	418	0.012	0.418
70410	259031	5	<0.001	0.005
70411	259032	<5	<0.001	<0.005
70412 Check	259032	5	<0.001	0.005
70413	259033	7	<0.001	0.007
70414	259034	<5	<0.001	<0.005
70415	259035	5	<0.001	0.005
70416	259036	10	<0.001	0.010
70417	259037	12	<0.001	0.012
70418	259038	<5	<0.001	<0.005
70419	259039	<5	<0.001	<0.005
70420	259040	<5	<0.001	<0.005
70421	259041	6	<0.001	0.006
70422	259042	11	<0.001	0.011
70423 Check	259042	12	<0.001	0.012
70424	259043	10	<0.001	0.010

DT07-17

PROCEDURE CODES: AL5Au, AL4ICPAR

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Wednesday, May 02, 2007

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Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mxltd.com

Date Received : 18-Apr-07
Date Completed : 02-May-07
Job # 200741005
Reference : C-1949

Sample #: 8 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
81046	259362	16	<0.001	0.016
81047	259363	6	<0.001	0.006
81048	259364	5	<0.001	0.005
81049	259365	6	<0.001	0.006
81050	259366	6	<0.001	0.006
81051	259367	7	<0.001	0.007
81052	259368	<5	<0.001	<0.005
81053	259369	<5	<0.001	<0.005
81054 Check	259369	<5	<0.001	<0.005

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PROCEDURE CODES: AL5Au, AL4ICPAR

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Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 10-Apr-07
Date Completed : 23-Apr-07
Job # 200740904
Reference : C-1949
Sample #: 87 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
73587	259044	5	<0.001	0.005
73588	259045	<5	<0.001	<0.005
73589	259046	<5	<0.001	<0.005
73590	259047	<5	<0.001	<0.005
73591	259048	<5	<0.001	<0.005
73592	259049	54	0.002	0.054
73593	259050	332	0.010	0.332
73594	259051	13	<0.001	0.013
73595	259052	25	<0.001	0.025
73596	259053	8	<0.001	0.008
73597 Check	259053	6	<0.001	0.006
73598	259054	7	<0.001	0.007
73599	259055	6	<0.001	0.006
73600	259201	<5	<0.001	<0.005
73601	259202	<5	<0.001	<0.005
73602	259203	<5	<0.001	<0.005
73603	259204	7	<0.001	0.007
73604	259205	<5	<0.001	<0.005
73605	259206	21	<0.001	0.021
73606	259207	42	0.001	0.042
73607	259208	5	<0.001	0.005
73608 Check	259208	5	<0.001	0.005
73609	259209	205	0.006	0.205

DT07-17

DT07-14

DT07-17

PROCEDURE CODES: AL5Au, AL4ICPAR

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Tel: (807) 626-1630
Fax: (807) 622-7571

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Certificate of Analysis

Tuesday, April 24, 2007

MPH Consulting Ltd.
Suite 501, 133 Richmond St. West
Toronto, ON, CAN
M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 10-Apr-07
Date Completed : 23-Apr-07
Job # 200740904
Reference : C-1949

Sample #: 87 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
73610	259210	5	<0.001	0.005
73611	259211	<5	<0.001	<0.005
73612	259212	71	0.002	0.071
73613	259213	8	<0.001	0.008
73614	259214	5	<0.001	0.005
73615	259215	138	0.004	0.138
73616	259216	<5	<0.001	<0.005
73617	259217	<5	<0.001	<0.005
73618	259218	<5	<0.001	<0.005
73619 Check	259218	<5	<0.001	<0.005
73620	259219	657	0.019	0.657
73621	259220	<5	<0.001	<0.005
73622	259221	<5	<0.001	<0.005
73623	259222	<5	<0.001	<0.005
73624	259223	<5	<0.001	<0.005
73625	259224	<5	<0.001	<0.005
73626	259225	<5	<0.001	<0.005
73627	259226	<5	<0.001	<0.005
73628	259227	<5	<0.001	<0.005
73629	259228	<5	<0.001	<0.005
73630 Check	259228	<5	<0.001	<0.005
73631	259229	<5	<0.001	<0.005
73632	259230	<5	<0.001	<0.005

DT07-17

DT07-18

PROCEDURE CODES: AL5Au, AL4ICPAR

Page 2 of 5

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Date Received : 10-Apr-07
Date Completed : 23-Apr-07
Job # 200740904
Reference : C-1949

Sample #: 87 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
73633	259231	<5	<0.001	<0.005
73634	259232	<5	<0.001	<0.005
73635	259233	<5	<0.001	<0.005
73636	259234	<5	<0.001	<0.005
73637	259235	45	0.001	0.045
73638	259236	9	<0.001	0.009
73639	259237	46	0.001	0.046
73640	259238	9	<0.001	0.009
73641	Check 259238	6	<0.001	0.006
73642	259239	<5	<0.001	<0.005
73643	259240	10	<0.001	0.010
73644	259241	<5	<0.001	<0.005
73645	259242	11	<0.001	0.011
73646	259243	86	0.003	0.086
73647	259244	6	<0.001	0.006
73648	259245	6	<0.001	0.006
73649	259246	10	<0.001	0.010
73650	259247	97	0.003	0.097
73651	259248	<5	<0.001	<0.005
73652	Check 259248	6	<0.001	0.006
73653	259249	<5	<0.001	<0.005
73654	259250	<5	<0.001	<0.005
73655	259251	5	<0.001	0.005

DT07-18

DT07-19

PROCEDURE CODES: AL5Au, AL4ICPAR

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Date Received : 10-Apr-07
Date Completed : 23-Apr-07
Job # 200740904
Reference : C-1949
Sample #: 87 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
73656	259252	<5	<0.001	<0.005
73657	259253	<5	<0.001	<0.005
73658	259254	<5	<0.001	<0.005
73659	259255	12	<0.001	0.012
73660	259256	7	<0.001	0.007
73661	259257	6	<0.001	0.006
73662	612338	<5	<0.001	<0.005
73663	612339	6	<0.001	0.006
73664 Check	612339	<5	<0.001	<0.005
73665	612340	<5	<0.001	<0.005
73666	612341	<5	<0.001	<0.005
73667	612342	7	<0.001	0.007
73668	612343	28	<0.001	0.028
73669	612344	147	0.004	0.147
73670	612345	<5	<0.001	<0.005
73671	612346	6	<0.001	0.006
73672	612392	<5	<0.001	<0.005
73673	612393	<5	<0.001	<0.005
73674	612394	<5	<0.001	<0.005
73675	612395	5	<0.001	0.005
73676 Check	612395	6	<0.001	0.006
73677	612396	<5	<0.001	<0.005
73678	612397	5	<0.001	0.005

DT07-19

DT07-14

PROCEDURE CODES: AL5Au, AL4ICPAR

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Date Completed : 23-Apr-07
Job # 200740904
Reference : C-1949
Sample #: 87 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
73679	612398	<5	<0.001	<0.005
73680	612399	<5	<0.001	<0.005
73681	612400	7	<0.001	0.007

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PROCEDURE CODES: AL5Au, AL4ICPAR

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Suite 501, 133 Richmond St. West
Toronto, ON, CAN
M5H2L3
Ph#: (416) 365-0930
Fax#: (416) 365-1830
Email hcoates@mphconsulting.com, rmacdonald@mnx ltd.com

Date Received : 25-Apr-07
Date Completed : 11-May-07
Job # 200741109
Reference :

Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86849	259001	8	<0.001	0.008
86850	259002	8	<0.001	0.008
86851	259098	9	<0.001	0.009
86852	259099	8	<0.001	0.008
86853	259100	7	<0.001	0.007
86854	259266 ?	8	<0.001	0.008
86855	259267 ?	16	<0.001	0.016
86856	259268	13	<0.001	0.013
86857	259269	12	<0.001	0.012
86858	259270	13	<0.001	0.013
86859 Check	259270	11	<0.001	0.011
86860	259271	18	<0.001	0.018
86861	259272	12	<0.001	0.012
86862	259273	13	<0.001	0.013
86863	259274	12	<0.001	0.012
86864	259275	6	<0.001	0.006
86865	259276	10	<0.001	0.010
86866	259277	12	<0.001	0.012
86867	259278	14	<0.001	0.014
86868	259279	31	<0.001	0.031
86869	259280	10	<0.001	0.010
86870 Check	259280	20	<0.001	0.020
86871	259281	10	<0.001	0.010

DT07-16

DT07-20

PROCEDURE CODES: AL4Au, AL4ICPAR

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M5H2L3
Ph#: (416) 365-0930
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Date Received : 25-Apr-07
Date Completed : 11-May-07
Job # 200741109

Reference :
Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86872	259282	11	<0.001	0.011
86873	259283	15	<0.001	0.015
86874	259284	8	<0.001	0.008
86875	259285	7	<0.001	0.007
86876	259286	7	<0.001	0.007
86877	259287	9	<0.001	0.009
86878	259288	11	<0.001	0.011
86879	259289	13	<0.001	0.013
86880	259290	6	<0.001	0.006
86881 Check	259290	6	<0.001	0.006
86882	259291	13	<0.001	0.013
86883	259292	13	<0.001	0.013
86884	259293	14	<0.001	0.014
86885	259294	14	<0.001	0.014
86886	259295	12	<0.001	0.012
86887	259296	19	<0.001	0.019
86888	259297	25	<0.001	0.025
86889	259298	15	<0.001	0.015
86890	259299	21	<0.001	0.021
86891	259300	725	0.021	0.725
86892	259301	18	<0.001	0.018
86893 Check	259301	17	<0.001	0.017
86894	259302	14	<0.001	0.014

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PROCEDURE CODES: AL4Au, AL4ICPAR

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Date Received : 25-Apr-07
Date Completed : 11-May-07
Job # 200741109

Reference :
Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86895	259303	14	<0.001	0.014
86896	259304	11	<0.001	0.011
86897	259305	18	<0.001	0.018
86898	259306	11	<0.001	0.011
86899	259307	15	<0.001	0.015
86900	259308	<5	<0.001	<0.005
86901	259309	10	<0.001	0.010
86902	259310	13	<0.001	0.013
86903 Check	259310	7	<0.001	0.007
86904	259311	12	<0.001	0.012
86905	259312	8	<0.001	0.008
86906	259313	7	<0.001	0.007
86907	259314	<5	<0.001	<0.005
86908	259315	<5	<0.001	<0.005
86909	259316	5	<0.001	0.005
86910	259317	<5	<0.001	<0.005
86911	259318	7	<0.001	0.007
86912	259319	8	<0.001	0.008
86913	259320	<5	<0.001	<0.005
86914 Check	259320	8	<0.001	0.008
86915	259321	<5	<0.001	<0.005
86916	259322	6	<0.001	0.006
86917	259323	6	<0.001	0.006

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PROCEDURE CODES: AL4Au, AL4ICPAR

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Job # 200741109
Reference :

Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86918	259324	<5	<0.001	<0.005
86919	259325	7	<0.001	0.007
86920	259326	5	<0.001	0.005
86921	259327	7	<0.001	0.007
86922	259328	<5	<0.001	<0.005
86923	259329	8	<0.001	0.008
86924	259330	13	<0.001	0.013
86925 Check	259330	11	<0.001	0.011
86926	259331	12	<0.001	0.012
86927	259332	10	<0.001	0.010
86928	259333	7	<0.001	0.007
86929	259334	10	<0.001	0.010
86930	259335	24	<0.001	0.024
86931	259336	12	<0.001	0.012
86932	259337	11	<0.001	0.011
86933	259338	10	<0.001	0.010
86934	259339	9	<0.001	0.009
86935	259340	13	<0.001	0.013
86936 Check	259340	12	<0.001	0.012
86937	259341	11	<0.001	0.011
86938	259342	10	<0.001	0.010
86939	259343	11	<0.001	0.011
86940	259344	8	<0.001	0.008

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PROCEDURE CODES: AL4Au, AL4ICPAR

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Date Completed : 11-May-07
Job # 200741109

Reference :
Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86941	259345	8	<0.001	0.008
86942	259346	11	<0.001	0.011
86943	259347	10	<0.001	0.010
86944	259348	10	<0.001	0.010
86945	259349	10	<0.001	0.010
86946	259350	14	<0.001	0.014
86947	259351	20	<0.001	0.020
86948 Check	259351	17	<0.001	0.017
86949	259352	<5	<0.001	<0.005
86950	259353	<5	<0.001	<0.005
86951	259354	7	<0.001	0.007
86952	259355	7	<0.001	0.007
86953	259356	647	0.019	0.647
86954	259357	6	<0.001	0.006
86955	259358	<5	<0.001	<0.005
86956	259359	7	<0.001	0.007
86957	259360	<5	<0.001	<0.005
86958 Check	259360	<5	<0.001	<0.005
86959	259361	6	<0.001	0.006
86960	612337	<5	<0.001	<0.005
86961	612356	11	<0.001	0.011
86962	612357	14	<0.001	0.014
86963	612358	1490	0.043	1.490

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DT07-14

PROCEDURE CODES: AL4Au, AL4ICPAR

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Job # 200741109

Reference :
Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86964	612359	138	0.004	0.138
86965	612366	70	0.002	0.070
86966	612367	7	<0.001	0.007
86967	612368	<5	<0.001	<0.005
86968	612369	6	<0.001	0.006
86969 Check	612369	6	<0.001	0.006
86970	612370	10	<0.001	0.010
86971	612371	13573	0.396	13.573
86972	612372	256	0.007	0.256
86973	612373	26	<0.001	0.026
86974	612374	8	<0.001	0.008
86975	612375	125	0.004	0.125
86976	612376	101	0.003	0.101
86977	612377	11	<0.001	0.011
86978	612378	21	<0.001	0.021
86979	612379	13	<0.001	0.013
86980 Check	612379	13	<0.001	0.013
86981	612380	15	<0.001	0.015
86982	612381	198	0.006	0.198
86983	612382	15	<0.001	0.015
86984	612383	15	<0.001	0.015
86985	612384	10	<0.001	0.010
86986	612385	8	<0.001	0.008

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PROCEDURE CODES: AL4Au, AL4ICPAR

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Date Completed : 11-May-07
Job # 200741109

Reference :
Sample #: 132 Core

Accurassay #	Client Id	Au ppb	Au oz/t	Au g/t (ppm)
86987	612386	11	<0.001	0.011
86988	612387	13	<0.001	0.013
86989	612388	10	<0.001	0.010
86990	612389	9	<0.001	0.009
86991 Check	612389	9	<0.001	0.009
86992	612390	8	<0.001	0.008
86993	612391	10	<0.001	0.010

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PROCEDURE CORES AL4Au, AL4ICPAR

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Fax: (807) 622-7571

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Date Created: 07-04-12 09:37 AM
Job Number: 200740618
Date Received: 3/15/2007
Number of Samples: 29
Type of Sample: Core
Date Completed: 3/20/2007
Project ID: C-1949

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*The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
52935	612251	<1	4.44	10	64	9	3	14	3.99	11	59	162	115	8.75	0.01	16	2.92	1305	23	0.04	77	1361	169	<5	<5	0.42	<10	66	8091	2	188	<10	10	146
52936	612252	<1	5.27	9	59	10	3	17	5.37	16	67	87	94	>10.00	0.01	20	2.89	1728	30	0.04	96	1045	213	<5	<5	0.37	<10	67	8489	4	302	<10	20	150
52937	612253	<1	2.82	9	55	30	3	11	4.57	9	31	228	38	6.57	0.05	16	2.86	1356	25	0.07	159	1055	127	<5	<5	0.28	<10	347	1274	4	90	<10	14	66
52938	612254	<1	1.68	2	54	35	2	3	2.04	5	20	104	10	3.58	0.11	9	0.98	562	12	0.15	51	981	66	<5	<5	0.37	<10	67	1120	<1	52	<10	7	39
52939	612255	<1	3.51	14	55	219	3	14	5.22	14	57	27	120	>10.00	0.21	11	2.24	1765	27	0.11	43	996	188	<5	<5	0.34	<10	77	8952	4	308	<10	16	125
52940	612256	<1	3.88	4	55	8	2	16	2.44	8	48	144	81	6.26	<0.01	13	2.68	969	21	0.09	115	2081	116	<5	<5	0.37	<10	136	5884	2	131	<10	10	108
52941	612257	<1	3.93	12	56	6	2	11	3.01	10	55	182	103	7.51	<0.01	16	2.55	1276	22	0.04	97	726	141	<5	<5	0.34	<10	57	6645	<1	169	<10	9	98
52942	612258	<1	3.86	13	60	87	3	17	3.30	12	63	120	114	9.27	0.05	13	2.31	1394	24	0.06	66	971	161	<5	<5	0.31	10	80	9716	4	262	<10	15	116
52943	612259	<1	1.34	7	50	62	2	<1	1.70	<4	27	52	94	2.78	0.21	7	0.54	511	9	0.14	30	835	55	<5	<5	0.14	<10	60	721	<1	19	<10	9	78
52944	612260	<1	1.49	<2	57	80	2	2	1.50	<4	27	73	87	2.98	0.32	7	0.59	432	10	0.11	30	696	57	<5	<5	0.19	<10	56	653	<1	17	<10	7	51
52945	612260	<1	1.51	3	54	80	2	<1	1.52	<4	27	72	95	3.01	0.33	7	0.60	432	11	0.11	31	711	57	<5	<5	0.21	16	57	577	<1	17	<10	7	53
52946	612261	<1	1.16	<2	52	27	2	<1	0.47	<4	11	69	26	2.59	0.08	6	0.55	333	11	0.15	25	299	55	<5	<5	0.19	<10	11	1221	1	16	<10	11	55
52947	612262	<1	4.06	13	54	113	3	24	5.69	15	59	67	84	>10.00	0.15	14	2.61	1712	28	0.11	59	1012	207	<5	<5	0.35	<10	121	8419	3	379	<10	23	107
52948	612263	<1	3.98	6	53	35	3	14	5.50	15	49	73	85	>10.00	0.03	13	1.84	1826	24	0.05	24	1228	203	<5	<5	0.35	<10	67	6948	3	250	<10	20	152
52949	612264	<1	4.08	8	52	30	3	11	2.83	11	57	125	129	8.27	0.02	13	2.33	1300	23	0.05	88	866	141	<5	5	0.34	<10	80	6736	3	208	<10	11	106
52950	612265	<1	4.19	11	52	26	2	4	3.39	11	64	112	123	8.65	0.03	13	2.39	1431	21	0.06	86	837	169	<5	<5	0.34	<10	98	6934	1	197	<10	11	121
52951	612266	<1	4.51	9	55	11	3	13	6.96	12	51	136	88	8.84	0.02	16	2.46	1450	26	0.05	84	951	171	<5	<5	0.33	<10	83	5455	1	261	<10	14	126
52952	612267	<1	4.35	6	58	52	2	14	6.81	10	44	109	46	7.51	0.09	18	2.64	1355	24	0.04	94	1807	145	<5	<5	0.27	<10	322	2822	1	173	<10	9	116
52953	612268	<1	3.98	5	52	9	2	9	2.82	7	48	138	81	5.77	<0.01	14	2.63	945	21	0.05	132	1893	108	<5	<5	0.33	<10	166	4872	1	107	<10	9	101
52954	612269	<1	3.89	6	54	4	2	9	5.39	8	49	178	29	6.17	<0.01	14	2.74	1100	22	0.05	115	1759	118	<5	<5	0.41	<10	126	5696	<1	120	<10	9	107
52955	612270	1	3.41	94	51	75	3	15	1.95	11	40	86	171	7.24	0.12	16	1.89	1051	21	0.09	84	1014	155	<5	<5	0.29	<10	30	4106	<1	87	10	12	780
52956	612270	<1	3.28	91	56	71	2	9	1.88	11	38	83	164	6.98	0.12	16	1.84	1038	21	0.09	84	971	150	<5	<5	0.30	<10	29	3841	3	84	<10	11	753

Certified By 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5


Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:37 AM
Job Number: 200740618
Date Received: 3/15/2007
Number of Samples: 29
Type of Sample: Core
Date Completed: 3/20/2007
Project ID: C-1949

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*The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
52957	612271	<1	4.25	12	56	29	3	14	4.81	17	55	22	60	>10.00	0.03	15	2.12	1849	29	0.06	32	1289	225	<5	<5	0.31	<10	93	6767	2	347	<10	19	169
52958	612305	1	1.12	9	47	14	2	16	5.48	13	26	97	32	9.51	0.04	6	1.47	1845	22	0.15	21	3216	161	<5	<5	0.15	<10	152	194	3	21	<10	12	186
52959	612306	<1	0.93	4	42	18	3	7	4.53	11	25	68	24	8.57	0.05	4	1.07	1585	19	0.18	21	2668	139	<5	<5	0.10	<10	125	<100	3	13	<10	10	155
52960	612307	<1	1.03	8	48	19	3	12	3.95	12	23	40	19	9.10	0.06	4	1.11	1788	19	0.22	20	2746	149	<5	<5	0.14	<10	124	<100	<1	13	<10	12	189
52961	612308	<1	0.77	5	46	16	3	8	4.32	12	21	122	8	9.05	0.05	4	0.89	1853	20	0.18	21	2424	152	<5	<5	0.12	<10	102	<100	<1	9	<10	13	179
52962	612309	<1	0.99	6	44	22	3	11	4.03	12	19	62	9	8.67	0.06	4	0.79	1784	19	0.22	20	2222	140	<5	<5	0.11	<10	107	<100	<1	8	<10	11	187
52963	612310	<1	0.63	4	44	24	2	10	3.95	10	18	55	10	7.55	0.06	3	0.75	1532	18	0.15	22	1696	123	<5	<5	0.09	<10	118	<100	<1	9	<10	8	129
52964	612311	<1	0.91	8	43	15	2	14	4.52	12	23	103	164	8.75	0.04	4	1.04	1760	18	0.15	21	3294	146	<5	<5	0.14	<10	122	<100	<1	19	<10	12	170
52965	612312	<1	2.18	9	45	51	3	8	5.67	14	43	41	48	>10.00	0.02	12	1.97	1663	26	0.13	37	2125	172	<5	<5	0.08	<10	154	250	2	197	<10	8	165

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:37 AM
Job Number: 200740703
Date Received: 3/22/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/5/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
58874	612272	3	3.44	9	51	14	2	10	4.11	9	38	118	58	6.66	0.02	16	2.27	996	22	0.03	77	1500	116	<5	<5	0.18	<10	194	1264	1	164	<10	8	103
58875	612273	<1	8.09	17	52	25	3	28	8.57	21	70	241	130	>10.00	0.04	34	4.13	2002	37	0.06	137	3123	288	<5	<5	0.45	<10	426	2146	6	344	<10	15	203
58876	612274	<1	3.11	8	52	46	2	7	4.09	10	37	70	78	6.82	0.07	15	1.87	1096	20	0.05	53	1614	121	<5	<5	0.23	<10	219	2388	<1	125	<10	10	214
58877	612275	<1	3.23	5	52	48	2	14	4.26	10	39	74	78	7.04	0.07	15	1.93	1132	22	0.05	54	1642	128	<5	<5	0.23	<10	228	2393	1	129	<10	10	217
58878	612276	<1	3.70	8	47	20	3	11	2.21	11	41	21	46	8.45	0.02	17	1.91	1697	23	0.05	40	1853	156	<5	<5	0.24	<10	70	4936	1	124	<10	11	185
58879	612277	<1	3.85	11	51	22	3	12	2.33	11	41	23	54	8.64	0.02	18	1.98	1754	23	0.05	42	1877	150	<5	<5	0.24	<10	73	5333	<1	129	<10	12	193
58880	612278	<1	3.22	4	52	60	2	15	5.92	9	34	221	45	7.08	0.36	12	0.64	1266	17	0.03	44	1895	127	<5	<5	0.23	<10	116	4468	1	55	<10	11	123
58881	612279	<1	5.35	18	48	12	3	9	3.49	13	55	76	91	9.34	0.02	26	2.79	1669	29	0.04	74	939	181	<5	<5	0.27	<10	73	8829	<1	291	<10	18	158
58882	612280	<1	1.85	10	49	32	2	<1	1.60	5	20	103	32	3.53	0.06	9	1.10	614	12	0.14	47	619	68	<5	<5	0.33	<10	38	2820	<1	58	<10	11	84
58883	612281	<1	4.70	14	60	8	3	9	4.52	14	56	114	102	>10.00	0.02	16	2.64	1427	22	0.04	89	978	190	<5	<5	0.28	<10	82	5271	2	302	<10	14	128
58884	612281	<1	4.63	14	51	8	3	15	4.42	14	53	126	100	>10.00	0.02	16	2.60	1396	29	0.04	88	954	191	<5	<5	0.28	<10	80	5068	<1	295	<10	14	119
58885	612282	<1	4.84	12	53	8	3	27	3.94	15	54	57	79	>10.00	<0.01	17	2.36	1521	27	0.03	56	1114	204	<5	<5	0.25	14	63	5310	<1	326	<10	15	140
58886	612283	<1	5.23	7	61	9	3	15	4.20	17	56	61	90	>10.00	<0.01	18	2.50	1609	30	0.04	58	1198	217	<5	<5	0.25	<10	68	5379	2	341	<10	16	148
58887	612284	<1	3.51	4	48	10	3	17	5.33	14	50	45	50	>10.00	0.01	13	1.97	1445	26	0.04	41	1046	175	<5	<5	0.27	<10	102	6516	<1	308	<10	17	103
58888	612285	<1	0.85	<2	52	6	1	<1	0.42	<4	8	125	14	1.84	0.01	5	0.50	244	8	0.10	23	213	40	<5	<5	0.13	<10	9	885	<1	10	<10	10	233
58889	612286	<1	1.51	<2	45	24	2	3	4.12	5	15	106	20	4.15	0.08	10	0.68	877	13	0.06	22	1453	76	<5	<5	0.11	<10	133	<100	2	7	<10	4	109
58890	612287	<1	1.52	3	46	22	2	<1	4.17	6	15	37	26	4.09	0.08	10	0.69	883	13	0.06	22	1472	66	<5	<5	0.12	<10	134	<100	<1	7	<10	4	110
58891	612288	<1	0.97	<2	45	31	2	7	3.66	5	14	34	46	4.09	0.09	6	0.77	966	13	0.10	20	1349	74	<5	<5	0.11	<10	116	<100	2	7	<10	5	84
58892	612289	<1	0.99	<2	44	31	2	<1	3.62	5	14	35	46	4.09	0.09	6	0.77	955	13	0.10	20	1357	76	<5	<5	0.11	<10	115	<100	1	8	<10	5	84
58893	612290	<1	1.23	5	43	32	2	2	3.50	6	15	58	18	4.36	0.12	7	0.85	944	13	0.11	21	1443	71	<5	<5	0.13	<10	115	<100	<1	7	<10	5	107
58894	612291	<1	1.29	<2	46	34	2	10	3.61	6	15	61	18	4.48	0.12	7	0.88	973	13	0.12	20	1489	76	<5	<5	0.14	<10	120	<100	<1	8	<10	5	111
58895	612291	<1	1.29	<2	46	34	2	6	3.58	6	15	62	18	4.49	0.12	7	0.87	966	13	0.12	22	1488	77	<5	<5	0.14	<10	119	<100	<1	8	<10	5	110

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gornham Street
Thunder Bay, ON
Canada P7B 5X5

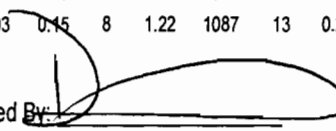
Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:37 AM
Job Number: 200740703
Date Received: 3/22/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/5/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
58896	612292	<1	1.12	<2	46	18	2	<1	4.65	5	14	18	10	3.89	0.09	7	0.59	739	12	0.09	22	1453	63	<5	<5	0.09	<10	95	<100	<1	5	<10	5	125
58897	612293	<1	1.11	5	44	19	2	<1	4.60	5	13	20	13	3.79	0.09	7	0.57	722	11	0.09	22	1454	67	<5	<5	0.09	<10	94	<100	5	5	<10	5	127
58898	612294	<1	0.53	3	33	23	2	7	4.57	5	19	39	21	3.43	0.14	3	0.80	591	11	0.10	33	1358	59	<5	<5	0.09	<10	81	<100	2	9	<10	5	89
58899	612295	<1	0.55	3	43	24	2	<1	4.67	5	20	41	25	3.54	0.15	3	0.81	610	12	0.11	33	1399	54	<5	<5	0.08	<10	84	<100	1	9	<10	5	90
58900	612296	<1	2.03	7	42	38	2	10	6.26	9	36	61	62	6.62	0.08	13	2.31	1100	21	0.11	77	1317	120	<5	<5	0.12	<10	326	<100	4	67	<10	3	124
58901	612297	<1	2.02	10	38	38	2	9	6.21	9	36	60	67	6.58	0.08	13	2.29	1079	21	0.11	78	1307	106	<5	<5	0.13	<10	329	<100	5	66	<10	3	122
58902	612298	<1	0.37	43	44	17	2	2	4.44	5	40	19	130	4.19	0.08	3	0.75	636	12	0.08	57	1359	64	<5	<5	0.06	<10	68	<100	1	12	<10	3	85
58903	612299	<1	0.38	46	46	16	2	6	4.53	6	44	20	139	4.38	0.08	3	0.77	641	13	0.09	61	1349	68	<5	<5	0.07	<10	69	<100	3	13	<10	3	93
58904	612300	<1	0.69	3	38	21	2	4	4.76	5	30	57	9	3.54	0.15	5	0.84	666	13	0.17	57	1401	64	<5	<5	0.05	<10	82	<100	4	20	<10	4	80
58905	612301	<1	0.61	4	44	27	2	<1	4.51	<4	24	36	3	2.86	0.16	3	0.80	639	11	0.15	49	1292	48	<5	<5	0.09	<10	80	<100	2	18	<10	4	36
58906	612301	<1	0.63	<2	50	28	2	8	4.53	<4	25	35	4	2.85	0.16	3	0.80	641	10	0.15	46	1284	48	<5	<5	0.09	<10	81	<100	3	19	<10	4	35
58907	612302	<1	0.71	3	40	28	2	8	4.59	<4	25	51	11	2.97	0.16	3	1.03	661	12	0.16	51	1317	51	<5	<5	0.09	<10	88	<100	2	21	<10	4	34
58908	612303	<1	3.15	10	51	10	3	15	5.80	13	46	77	118	9.67	0.02	17	2.42	1459	27	0.09	61	1639	175	<5	<5	0.14	<10	199	251	4	203	<10	7	147
58909	612304	<1	1.96	7	43	14	3	15	6.66	12	40	44	126	8.96	0.03	11	2.08	1529	25	0.14	50	1643	157	<5	<5	0.12	<10	198	372	4	152	<10	7	150
58910	612312	No Sample Received																																
58911	612313	<1	2.03	5	45	36	2	<1	5.51	5	28	54	15	3.54	0.17	12	1.13	1029	12	0.10	60	1440	58	<5	<5	0.16	<10	83	<100	2	59	<10	4	83
58912	612314	<1	2.11	4	51	38	2	<1	5.72	5	29	56	15	3.66	0.17	12	1.17	1063	14	0.10	63	1495	65	<5	<5	0.17	<10	87	<100	1	61	<10	5	85
58913	612315	<1	1.65	9	42	23	2	12	5.44	6	38	28	47	4.16	0.12	9	1.21	988	14	0.14	75	1524	68	<5	<5	0.12	<10	88	<100	2	60	<10	4	87
58914	612316	<1	1.66	11	47	24	2	10	5.44	6	39	28	44	4.19	0.12	9	1.22	1007	14	0.14	75	1508	74	<5	<5	0.12	<10	89	101	<1	62	<10	4	86
58915	612317	<1	1.43	3	47	24	2	<1	5.32	5	37	55	28	4.04	0.11	8	1.22	1048	13	0.16	82	1488	64	<5	<5	0.12	<10	89	<100	<1	53	<10	4	63
58916	612318	<1	1.61	<2	45	35	2	6	4.52	5	31	77	20	4.05	0.15	8	1.23	1091	13	0.21	56	1383	71	<5	<5	0.14	<10	98	<100	1	63	<10	4	66
58917	612318	<1	1.59	<2	43	34	2	2	4.56	5	29	75	20	4.03	0.15	8	1.22	1087	13	0.21	55	1397	70	<5	<5	0.14	<10	97	<100	4	62	<10	4	60

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5


Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:37 AM
Job Number: 200740703
Date Received: 3/22/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/5/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
58918	612319	<1	1.47	4	46	22	2	6	4.50	6	31	30	34	4.43	0.06	10	1.64	1168	15	0.10	61	1342	69	<5	<5	0.10	<10	103	<100	<1	54	<10	4	92
58919	612320	<1	1.44	2	47	22	2	8	4.43	6	31	26	30	4.33	0.06	10	1.63	1134	16	0.10	60	1313	76	<5	<5	0.10	<10	104	<100	4	53	<10	4	91
58920	612321	<1	1.72	5	46	14	2	10	3.53	6	29	29	74	4.52	0.04	12	1.58	1266	16	0.08	55	1353	74	<5	<5	0.10	<10	80	<100	<1	73	<10	3	149
58921	612323	<1	1.75	6	47	14	2	12	3.56	6	31	31	71	4.97	0.04	12	1.58	1297	16	0.08	57	1373	82	<5	<5	0.10	<10	82	<100	4	75	<10	3	147
58922	612324	<1	1.91	<2	42	47	2	10	5.22	7	36	32	57	5.06	0.12	12	1.77	1412	17	0.14	62	1288	91	<5	<5	0.11	<10	126	<100	3	59	<10	3	249
58923	612325	<1	2.12	<2	43	72	2	1	4.50	7	37	61	39	5.02	0.21	12	1.68	1051	17	0.15	61	1361	90	<5	<5	0.15	<10	105	<100	4	59	<10	4	151
58924	612326	<1	2.11	4	45	59	2	12	5.41	6	32	42	35	4.86	0.22	12	1.10	1025	13	0.17	57	1386	85	<5	<5	0.13	<10	139	106	1	61	<10	5	90
58925	612327	<1	2.16	4	46	35	2	9	5.90	8	33	46	36	5.97	0.12	13	1.60	1299	17	0.13	53	1423	104	<5	<5	0.15	<10	131	<100	3	66	<10	5	98
58926	612328	<1	2.10	<2	48	34	2	5	5.82	8	32	46	35	5.85	0.12	13	1.56	1294	17	0.13	53	1366	105	<5	<5	0.15	<10	130	<100	3	64	<10	5	96
58927	612329	<1	2.69	5	45	39	2	6	5.23	9	35	28	42	6.43	0.18	15	1.64	1266	19	0.17	59	1417	117	<5	<5	0.14	<10	111	<100	1	68	<10	5	99
58928	612329	<1	2.82	2	45	39	2	8	5.44	9	36	27	46	6.54	0.18	16	1.68	1300	20	0.18	59	1486	118	<5	<5	0.14	<10	112	<100	2	70	<10	5	102
58929	612330	<1	2.80	5	41	36	2	5	6.01	8	37	41	48	6.19	0.23	16	1.85	1283	20	0.23	61	1429	112	<5	<5	0.18	<10	117	<100	1	62	<10	6	94
58930	612331	<1	2.27	4	45	33	2	12	5.82	8	37	27	34	5.77	0.23	13	1.77	1118	18	0.16	66	1512	100	<5	<5	0.15	<10	86	<100	2	54	<10	5	98
58931	612332	<1	2.43	7	47	34	2	9	7.47	7	31	44	31	5.41	0.26	14	1.71	1195	17	0.19	53	1368	94	<5	<5	0.22	<10	125	<100	<1	51	<10	5	87
58932	612333	<1	2.68	4	50	22	2	11	9.77	7	29	40	41	4.66	0.14	18	1.17	1359	14	0.12	58	1346	82	<5	<5	0.19	<10	198	<100	2	73	<10	6	83
58933	612334	<1	3.45	6	48	26	2	7	7.57	8	34	50	28	5.74	0.14	23	1.32	1209	16	0.11	65	1532	103	<5	<5	0.22	<10	182	<100	<1	91	<10	6	101
58934	612335	<1	3.86	3	64	34	2	7	6.53	9	36	31	33	6.51	0.17	26	1.65	1409	19	0.07	71	1415	123	<5	<5	0.17	<10	158	<100	<1	83	<10	6	94
58935	612336	<1	3.34	4	67	43	2	3	8.21	7	32	24	36	5.18	0.25	22	1.40	1260	14	0.05	61	1343	99	<5	<5	0.16	<10	184	<100	2	66	<10	6	91
58936	612337	No Sample Received																																

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5


Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:38 AM
Job Number: 200740768
Date Received: 3/27/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/10/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm
63016	259056	<1	2.53	4	62	44	2	<1	3.56	7	25	58	45	5.02	0.14	17	2.06	1148	19	0.12	77	1068	88	<5	<5	0.15	<10	95	<100	3	60
63017	259057	<1	2.11	4	68	102	2	2	3.99	6	48	38	95	3.97	0.35	10	1.58	639	15	0.25	77	1476	75	<5	<5	0.14	<10	128	<100	2	63
63018	259058	<1	3.47	5	70	38	2	18	6.40	11	44	98	61	8.42	0.08	21	2.86	1262	28	0.17	90	1436	162	<5	<5	0.14	<10	233	<100	3	130
63019	259059	<1	2.50	4	66	11	2	13	6.96	11	41	220	75	7.77	0.07	15	2.62	1168	23	0.12	107	1205	140	<5	<5	0.13	<10	135	<100	2	90
63020	259060	<1	2.99	52	67	74	2	3	4.90	10	41	31	173	4.88	0.25	15	0.91	967	13	0.20	70	1543	92	<5	<5	0.19	<10	74	112	<1	69
63021	259061	<1	1.91	62	62	24	2	10	6.78	6	34	40	100	4.02	0.11	11	0.61	1004	12	0.13	58	1365	73	<5	<5	0.16	<10	67	<100	3	52
63022	259062	<1	2.00	31	55	38	2	4	7.40	4	28	34	80	3.10	0.16	10	0.47	1011	10	0.23	48	1216	59	<5	<5	0.09	<10	73	<100	2	51
63023	259063	<1	2.33	26	53	16	2	8	5.24	5	38	50	137	4.07	0.07	13	0.75	833	12	0.15	62	1436	77	<5	<5	0.15	<10	51	<100	2	71
63024	259064	<1	2.95	23	51	22	2	7	5.65	7	41	32	85	4.58	0.09	16	0.86	850	13	0.23	64	1566	81	<5	<5	0.15	<10	66	<100	5	88
63025	259065	<1	2.79	10	61	11	2	<1	5.10	7	40	61	61	4.82	0.05	16	0.97	788	16	0.13	66	1577	92	<5	<5	0.14	<10	51	<100	2	92
63026	259065	<1	2.83	13	62	12	2	<1	5.16	6	40	41	59	4.83	0.05	16	0.98	802	15	0.14	64	1581	85	<5	<5	0.14	<10	52	<100	4	93
63027	259066	<1	2.79	9	61	18	2	4	6.98	6	44	26	63	4.55	0.08	13	0.95	874	14	0.26	66	1527	91	<5	<5	0.15	<10	79	<100	2	81
63028	259067	<1	1.32	6	66	11	2	<1	6.30	6	31	33	47	4.12	0.06	8	1.14	798	13	0.13	47	1370	70	<5	<5	0.13	<10	57	<100	2	49
63029	259068	<1	2.15	7	62	26	2	7	5.77	5	31	36	27	3.90	0.14	11	1.12	674	13	0.26	46	1344	66	<5	<5	0.19	<10	64	<100	2	65
63030	259069	<1	1.31	7	65	18	2	10	5.08	6	39	38	4	4.43	0.09	7	1.15	727	14	0.18	60	1544	73	<5	<5	0.10	<10	50	110	3	61
63031	259070	<1	2.00	4	59	21	2	5	5.01	6	36	33	3	4.51	0.11	11	1.72	663	16	0.28	52	1480	89	<5	<5	0.15	<10	51	<100	<1	70
63032	259071	<1	1.57	2	65	18	2	3	5.54	6	37	35	11	4.65	0.08	10	1.65	826	16	0.19	60	1481	85	<5	<5	0.15	<10	59	101	2	65
63033	259072	<1	1.31	<2	55	20	2	2	5.36	7	29	22	40	4.70	0.08	6	1.42	887	15	0.30	51	1558	77	<5	<5	0.11	<10	60	239	2	72
63034	259073	<1	1.97	7	63	16	2	12	5.58	10	42	44	11	6.95	0.04	12	2.03	1108	21	0.12	77	1519	130	<5	<5	0.13	<10	62	<100	5	81
63035	259074	<1	1.99	12	57	13	2	20	6.77	12	43	89	85	8.23	0.03	12	2.49	1321	26	0.10	80	1159	153	<5	<5	0.11	<10	135	117	3	105
63036	259075	<1	2.99	11	61	23	3	19	5.88	16	57	83	166	>10.00	0.03	17	2.67	1615	32	0.10	80	1535	227	<5	<5	0.13	<10	233	384	2	201
63037	259075	<1	3.18	10	66	24	3	15	6.19	16	57	85	173	>10.00	0.03	18	2.81	1586	32	0.11	75	1622	192	<5	<5	0.13	<10	252	399	1	207

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:38 AM
Job Number: 200740768
Date Recieved: 3/27/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/10/2007
Project ID: C-1949

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63038	259076	<1	2.51	9	64	18	3	4	6.37	15	47	42	105	>10.00	0.06	15	2.45	1567	28	0.18	59	1617	182	<5	<5	0.14	<10	206	267	4	222
63039	259077	<1	1.20	8	69	18	3	3	6.31	15	49	35	49	>10.00	0.04	7	2.33	1676	29	0.13	43	1947	193	<5	<5	0.10	<10	191	128	1	131
63040	259078	<1	1.29	9	64	28	3	18	5.46	14	47	44	46	>10.00	0.05	7	2.14	1584	22	0.19	35	1760	175	<5	<5	0.12	<10	248	<100	2	109
63041	259079	<1	1.88	5	72	10	3	11	6.07	13	38	70	52	9.35	0.03	12	2.18	1609	25	0.09	74	2288	174	<5	<5	0.11	<10	125	<100	1	87
63042	259080	<1	1.22	7	68	21	3	10	4.46	12	24	40	229	9.20	0.06	7	1.15	1595	20	0.12	20	3001	161	<5	<5	0.11	<10	80	<100	3	16
63043	259081	<1	1.93	8	63	27	3	12	5.26	11	33	66	38	8.18	0.10	11	1.80	1481	20	0.20	68	2327	145	<5	<5	0.13	<10	122	<100	2	62
63044	259082	<1	0.75	<2	68	22	2	4	4.66	5	29	33	5	3.71	0.13	4	1.03	816	13	0.09	49	1396	64	<5	<5	0.07	<10	62	<100	4	31
63045	259083	<1	2.77	8	65	29	2	12	4.94	12	36	27	41	7.67	0.10	17	1.97	1703	24	0.13	61	1523	140	<5	<5	0.08	<10	76	<100	3	84
63046	259084	<1	2.95	7	65	12	3	15	6.72	15	35	35	42	9.53	0.03	18	2.29	3818	28	0.10	54	1360	175	<5	<5	0.12	<10	107	122	5	96
63047	259085	<1	3.05	10	61	40	3	11	7.59	15	33	86	59	9.66	0.11	17	1.78	3445	26	0.16	54	1375	180	<5	<5	0.14	<10	141	117	2	86
63048	259085	<1	2.81	7	60	37	2	17	7.17	13	32	27	55	8.99	0.10	16	1.67	3290	23	0.15	48	1276	167	<5	<5	0.12	<10	131	110	3	80
63049	259086	<1	2.77	11	66	48	2	<1	5.36	11	38	27	41	7.80	0.12	16	1.58	1904	21	0.08	55	1605	141	<5	<5	0.12	<10	113	<100	4	71
63050	259087	<1	1.70	5	53	59	2	9	6.86	7	41	37	82	4.97	0.16	8	1.07	1185	14	0.27	81	1383	85	<5	<5	0.14	<10	515	<100	4	46
63051	259088	<1	1.67	7	65	21	2	6	6.51	7	37	24	32	4.59	0.08	10	0.94	1391	16	0.12	71	1572	81	<5	<5	0.11	<10	142	117	1	63
63052	259089	<1	1.76	6	58	35	2	12	6.96	7	38	20	61	5.02	0.18	9	1.16	1213	14	0.25	74	1579	85	<5	<5	0.13	<10	293	126	4	66
63053	259090	<1	1.09	3	66	15	2	<1	8.17	7	33	16	37	4.80	0.12	6	1.38	1325	15	0.16	66	1517	88	<5	<5	0.09	<10	150	<100	3	44
63054	259091	<1	0.98	3	67	12	2	<1	8.00	7	31	14	28	5.09	0.10	6	1.51	1271	16	0.13	54	1468	93	<5	<5	0.08	<10	113	<100	3	36
63055	259092	<1	1.40	4	59	22	2	2	9.13	7	31	16	33	4.96	0.20	7	1.39	1370	15	0.24	65	1552	88	<5	<5	0.13	<10	149	<100	3	36
63056	259093	<1	1.57	5	58	15	2	<1	8.49	8	34	14	37	5.22	0.09	10	1.22	1247	15	0.12	79	1515	85	<5	<5	0.11	<10	146	<100	4	50
63057	259094	<1	2.45	5	62	21	2	3	>10.00	8	34	17	38	5.27	0.14	15	1.13	1303	15	0.22	76	1489	92	<5	<5	0.15	<10	225	<100	1	66
63058	259095	<1	1.49	5	65	45	2	<1	4.67	6	18	33	34	3.93	0.22	6	0.38	959	11	0.04	42	859	70	<5	<5	0.10	<10	131	106	<1	18
63059	259095	<1	1.48	10	61	43	2	4	4.64	6	18	33	36	4.10	0.21	6	0.38	962	12	0.04	44	842	73	<5	<5	0.10	<10	130	<100	<1	18

Certified By: 
Derek Benhamuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5


Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-12 09:38 AM
Job Number: 200740768
Date Received: 3/27/2007
Number of Samples: 58
Type of Sample: Core
Date Completed: 4/10/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm
63060	259096	<1	3.20	7	64	24	3	6	4.37	11	36	72	73	7.73	0.12	15	2.16	1197	23	0.06	67	1020	140	<5	<5	0.14	<10	141	<100	3	161
63061	259097	<1	2.30	10	74	45	2	4	2.69	7	25	84	42	5.36	0.07	12	1.45	814	16	0.06	62	718	99	<5	<5	0.15	<10	98	<100	<1	56
63062	612347	<1	3.49	7	68	146	2	11	6.23	7	36	233	25	4.74	0.08	26	3.27	880	28	0.05	244	1047	95	<5	<5	0.16	<10	433	<100	2	83
63063	612348	<1	2.30	2	73	58	2	10	6.65	7	34	178	69	4.79	0.26	13	3.06	1098	27	0.03	120	1788	86	<5	<5	0.11	<10	331	<100	3	54
63064	612349	<1	2.13	3	71	125	2	<1	4.53	5	25	144	132	3.66	0.49	11	2.39	901	19	0.04	110	1507	73	<5	<5	0.15	<10	240	<100	2	54
63065	612350	<1	2.02	3	63	39	2	3	5.11	7	27	42	58	5.19	0.18	13	1.87	1046	19	0.07	72	1314	93	<5	<5	0.10	<10	97	<100	4	41
63066	612351	<1	1.63	<2	62	75	2	6	3.55	5	37	31	34	3.46	0.28	9	1.54	804	16	0.13	79	1426	65	<5	<5	0.11	<10	107	<100	4	49
63067	612352	<1	2.35	4	70	58	2	4	4.09	6	28	84	58	4.36	0.25	13	1.83	686	19	0.04	110	1057	79	<5	<5	0.07	<10	166	<100	2	54
63068	612353	<1	1.50	4	62	56	2	<1	4.06	5	34	37	56	3.56	0.21	7	1.36	592	15	0.26	70	1432	69	<5	<5	0.12	<10	129	<100	2	49
63069	612354	<1	0.69	2	57	34	2	4	5.66	5	34	23	48	3.68	0.17	3	0.89	681	12	0.14	57	1441	67	<5	<5	0.08	<10	103	<100	2	24
63070	612354	<1	0.67	5	56	33	2	4	5.79	5	39	23	51	3.77	0.17	3	0.91	696	12	0.13	61	1462	70	<5	<5	0.07	<10	104	<100	<1	24
63071	612355	<1	0.72	3	55	31	2	5	6.11	7	39	17	38	4.83	0.12	4	1.51	976	16	0.11	61	1445	75	<5	<5	0.07	<10	94	<100	5	29
63072	612356	No Sample Received																													
63073	612360	<1	1.08	2	52	31	2	<1	6.45	5	30	23	33	3.14	0.13	5	0.63	682	9	0.18	55	1406	56	<5	<5	0.12	<10	101	138	<1	45
63074	612361	<1	1.26	3	61	40	2	3	5.50	6	36	24	34	4.31	0.12	7	1.12	865	12	0.12	47	1490	85	<5	<5	0.08	<10	84	103	4	44
63075	612362	<1	1.63	<2	51	64	2	<1	7.08	4	27	24	26	2.87	0.21	7	0.57	763	9	0.21	49	1320	58	<5	<5	0.13	<10	137	<100	<1	49
63076	612363	<1	2.10	5	61	36	2	<1	5.78	7	48	25	84	5.15	0.11	11	1.14	958	16	0.13	79	1587	84	<5	<5	0.12	<10	93	<100	1	63
63077	612364	<1	1.70	3	59	61	2	<1	6.14	5	27	24	20	3.17	0.18	8	0.63	810	10	0.21	45	1440	57	<5	<5	0.14	<10	117	<100	<1	55
72059	612365	<1	2.69	4	68	9	2	1	5.27	9	38	31	28	6.02	0.02	16	2.00	1104	18	0.08	67	1326	105	<5	<5	0.13	<10	91	<100	3	94

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-19 12:28 PM
Job Number: 200740862
Date Recieved: 4/4/2007
Number of Samples: 41
Type of Sample: Core
Date Completed: 4/18/2007
Project ID:

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Accur. #	Client Tag	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V	W	Y	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
70380	259003	<1	0.57	20	32	21	2	6	4.23	<4	27	26	64	3.92	0.06	6	0.81	537	6	0.20	28	1041	170	<5	<5	0.03	<10	49	<100	<1	19	<10	3	82
70381	259004	<1	0.66	12	30	25	2	9	4.40	<4	26	21	38	3.67	0.05	8	1.14	592	6	0.19	25	973	148	<5	<5	0.03	<10	62	<100	<1	24	<10	3	65
70382	259005	<1	0.64	8	29	24	2	7	4.68	<4	26	23	33	3.80	0.06	7	1.23	638	6	0.20	28	998	158	<5	<5	0.03	<10	75	<100	<1	27	<10	3	63
70383	259006	<1	0.71	2	28	20	2	8	4.79	<4	30	48	36	4.30	0.05	8	1.33	704	7	0.19	31	991	169	<5	<5	0.04	<10	83	<100	<1	30	<10	3	81
70384	259007	<1	0.74	5	28	28	2	10	4.95	<4	39	14	57	4.88	0.08	7	1.35	791	7	0.19	36	1128	192	<5	5	0.03	<10	88	<100	<1	28	<10	4	93
70385	259008	<1	0.54	5	30	49	2	9	4.08	<4	24	22	37	3.20	0.14	6	0.72	612	5	0.13	33	1148	105	<5	<5	0.03	<10	67	<100	<1	18	<10	3	54
70386	259009	<1	0.61	4	30	44	2	9	4.10	<4	29	15	39	3.51	0.13	6	0.67	708	5	0.17	27	1113	141	<5	<5	0.03	<10	64	<100	<1	21	<10	3	59
70387	259010	<1	0.67	4	29	29	2	9	4.75	<4	29	24	23	4.04	0.10	6	0.80	908	6	0.20	37	1504	169	<5	<5	0.04	<10	71	<100	2	20	<10	4	71
70388	259011	<1	0.52	6	29	30	2	7	4.55	<4	32	15	31	3.59	0.09	6	0.72	840	5	0.16	43	1029	146	<5	6	0.03	<10	69	<100	<1	19	<10	3	82
70389	259012	<1	0.49	4	29	36	2	9	4.33	<4	25	24	33	3.58	0.11	6	0.72	810	6	0.14	29	1118	143	<5	<5	0.03	<10	65	<100	<1	18	<10	3	80
70390	259012	<1	0.48	4	27	36	2	7	4.18	<4	26	27	38	3.50	0.11	6	0.69	785	5	0.14	28	1079	137	<5	<5	0.03	<10	64	<100	<1	18	<10	3	85
70391	259013	<1	0.43	4	33	39	2	7	4.61	<4	36	15	40	3.79	0.12	6	0.87	843	6	0.11	42	1108	149	<5	<5	0.03	<10	63	<100	<1	16	<10	3	81
70392	259014	<1	0.55	4	31	41	2	11	4.66	<4	30	78	32	4.00	0.11	6	0.81	958	6	0.16	37	1070	155	<5	<5	0.03	<10	68	<100	<1	25	<10	3	79
70393	259015	<1	0.68	7	32	30	2	13	4.78	<4	29	21	41	3.75	0.10	7	0.77	777	6	0.21	36	1201	147	<5	<5	0.03	<10	78	<100	<1	31	<10	3	93
70394	259016	<1	0.57	4	30	24	2	7	4.26	<4	19	33	32	3.20	0.08	6	0.70	629	5	0.18	21	1089	130	<5	<5	0.03	<10	169	<100	<1	27	<10	3	60
70395	259017	<1	0.55	3	30	24	2	5	4.33	<4	22	18	29	3.50	0.07	6	0.73	715	6	0.18	26	1054	134	<5	<5	0.03	<10	72	<100	<1	33	<10	3	64
70396	259018	<1	0.53	13	31	27	3	11	4.17	<4	40	22	30	4.03	0.09	6	0.82	721	7	0.16	48	1039	154	<5	<5	0.03	<10	69	<100	<1	24	<10	3	43
70397	259019	<1	0.60	8	30	46	2	10	4.60	<4	38	20	47	4.89	0.13	6	1.04	932	7	0.16	44	1318	191	<5	<5	0.03	<10	84	<100	<1	19	<10	3	60
70398	259020	<1	0.65	3	28	15	2	9	4.20	<4	23	30	2	4.34	0.03	7	1.84	774	2	0.13	30	926	148	<5	<5	0.04	<10	105	<100	<1	23	<10	3	43
70399	259021	<1	0.79	5	30	12	2	12	4.48	<4	25	22	15	4.93	0.03	9	1.73	1021	6	0.15	37	1002	198	<5	<5	0.04	<10	119	<100	<1	38	<10	3	46
70400	259022	<1	2.66	7	41	6	3	11	5.31	6	42	14	95	8.77	<0.01	21	2.28	1376	13	0.06	30	930	351	<5	<5	0.07	<10	230	198	<1	218	<10	5	114
70401	259022	<1	2.86	8	41	6	3	13	5.65	6	45	14	101	9.30	<0.01	22	2.45	1454	14	0.06	32	984	376	<5	<5	0.08	<10	242	210	<1	231	<10	5	121

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

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Date Created: 07-04-19 12:28 PM
Job Number: 200740862
Date Recieved: 4/4/2007
Number of Samples: 41
Type of Sample: Core
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Project ID:

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70402	259023	<1	2.54	36	41	9	2	10	7.84	<4	37	272	50	4.30	0.02	18	2.09	951	2	0.03	216	882	184	<5	<5	0.08	<10	147	1796	<1	115	<10	4	60
70403	259024	<1	2.09	8	42	10	2	9	4.83	<4	28	259	50	2.92	0.03	16	1.84	631	1	0.03	90	954	123	<5	<5	0.07	<10	92	2415	<1	58	<10	3	39
70404	259025	<1	3.17	9	43	37	2	14	5.21	<4	34	240	53	4.72	0.08	23	2.74	874	3	0.03	141	940	171	<5	<5	0.10	<10	107	2773	<1	97	<10	6	65
70405	259026	<1	2.72	6	38	37	2	7	7.04	<4	29	89	47	4.63	0.23	19	1.89	929	3	0.02	95	780	194	<5	<5	0.07	<10	235	232	2	48	<10	7	64
70406	259027	<1	2.88	7	38	36	2	12	5.86	<4	34	152	54	5.37	0.08	20	1.89	969	7	0.03	123	741	200	<5	<5	0.08	<10	106	2153	<1	77	<10	5	71
70407	259028	<1	2.90	7	38	16	2	8	4.13	<4	24	37	39	4.92	0.06	23	1.60	822	8	0.05	43	995	205	<5	<5	0.09	<10	87	802	<1	86	<10	5	80
70408	259029	<1	2.40	5	40	17	2	12	7.38	<4	20	23	40	4.21	0.08	20	1.19	909	6	0.04	30	902	183	<5	<5	0.08	<10	193	<100	<1	64	<10	7	61
70409	259030	<1	2.48	5	39	19	2	14	4.38	<4	27	78	63	5.77	0.08	21	1.96	968	9	0.06	55	714	219	<5	<5	0.07	<10	93	<100	<1	72	<10	3	87
70410	259031	<1	2.39	5	33	55	2	8	3.06	<4	22	116	39	4.96	0.04	24	2.24	673	18	0.08	90	731	179	<5	<5	0.07	<10	110	<100	<1	70	<10	3	87
70411	259032	<1	1.20	4	38	60	2	8	4.56	<4	20	57	23	3.53	0.14	13	2.02	714	2	0.08	87	773	148	<5	<5	0.06	<10	145	<100	<1	25	<10	4	52
70412	259032	<1	1.16	2	34	57	2	9	4.57	<4	19	57	24	3.69	0.13	12	2.02	737	2	0.08	88	791	158	<5	<5	0.05	<10	144	<100	<1	24	<10	4	51
70413	259033	<1	1.52	3	38	42	2	14	4.09	<4	21	79	147	3.79	0.07	16	2.28	637	5	0.07	84	885	163	<5	<5	0.06	<10	170	<100	<1	39	<10	5	56
70414	259034	<1	1.56	5	37	162	2	10	3.62	<4	19	133	15	2.84	0.04	17	2.50	505	2	0.11	123	610	120	<5	<5	0.08	<10	162	<100	<1	47	<10	3	57
70415	259035	<1	2.42	<2	34	23	2	17	5.97	<4	27	79	59	5.91	0.10	22	2.37	1105	5	0.07	89	609	230	<5	<5	0.07	<10	106	<100	<1	61	<10	3	81
70416	259036	<1	1.85	4	35	10	2	14	4.75	<4	19	92	31	4.46	0.03	19	2.42	854	2	0.08	89	727	188	<5	<5	0.06	<10	103	<100	3	56	<10	3	51
70417	259037	<1	2.81	7	37	11	2	10	3.52	<4	33	126	66	6.14	0.04	24	2.39	958	10	0.08	92	631	234	<5	<5	0.08	<10	86	<100	<1	110	<10	2	110
70418	259038	<1	1.91	2	38	89	2	15	3.70	<4	26	81	38	4.30	0.07	18	2.28	688	2	0.07	92	621	180	<5	<5	0.05	<10	139	<100	<1	52	<10	3	70
70419	259039	<1	2.56	6	37	17	2	11	3.58	<4	23	112	59	5.32	0.04	24	2.56	740	4	0.09	98	783	201	<5	5	0.06	<10	131	<100	2	67	<10	4	69
70420	259040	<1	1.53	5	35	57	2	11	4.46	<4	22	110	31	3.82	0.10	15	2.25	730	3	0.12	105	939	163	<5	<5	0.06	<10	170	<100	<1	35	<10	4	53
70421	259041	<1	1.81	5	35	57	2	10	3.82	<4	22	75	50	4.25	0.15	16	1.98	739	4	0.12	86	961	181	<5	<5	0.07	<10	118	<100	<1	39	<10	4	65
70422	259042	<1	1.70	5	41	221	2	15	4.10	<4	23	170	37	3.30	0.04	18	2.70	621	4	0.11	144	710	142	<5	<5	0.09	<10	165	<100	<1	61	<10	5	51
70423	259042	<1	1.78	6	44	233	2	17	4.28	<4	23	177	39	3.43	0.04	19	2.81	647	5	0.12	151	741	147	<5	<5	0.08	<10	172	<100	<1	64	<10	5	53

Certified By: Derek Demianiuk
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

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Date Created: 07-04-19 12:28 PM
Job Number: 200740862
Date Recieved: 4/4/2007
Number of Samples: 41
Type of Sample: Core
Date Completed: 4/18/2007
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70424	259043	<1	1.44	2	33	80	2	10	3.31	<4	18	78	23	2.71	0.05	16	2.22	457	1	0.09	109	693	120	<5	<5	0.05	<10	125	<100	<1	33	<10	3	50

Certified By: *Derek Demianiuk*
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-30 02:11 PM
Job Number: 200740904
Date Received: 4/10/2007
Number of Samples: 87
Type of Sample: Core
Date Completed: 4/23/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
73587	259044	<1	1.44	10	48	82	<1	17	4.37	<4	21	92	55	3.99	0.11	10	2.09	824	6	0.11	82	1002	101	<5	<5	0.04	<10	132	<100	<1	41	<10	3	64
73588	259045	<1	1.94	4	54	39	1	12	3.70	<4	23	173	50	4.47	0.07	14	2.15	819	4	0.11	83	1098	125	<5	<5	0.05	<10	143	<100	<1	59	<10	3	66
73589	259046	<1	2.37	6	50	80	1	10	3.55	<4	24	88	55	4.49	0.09	18	2.40	752	8	0.14	82	1111	109	<5	<5	0.05	<10	117	<100	<1	62	<10	3	72
73590	259047	<1	1.54	5	45	44	<1	14	4.66	<4	23	57	35	3.98	0.13	9	2.05	655	4	0.15	89	1006	100	<5	<5	0.05	<10	117	<100	<1	33	<10	4	72
73591	259048	<1	1.11	2	43	45	1	9	5.80	<4	22	46	43	4.13	0.20	5	1.95	711	5	0.15	74	1079	112	<5	<5	0.04	<10	131	<100	<1	22	<10	4	62
73592	259049	<1	1.12	3	41	26	1	13	3.90	<4	19	36	49	3.80	0.10	7	1.57	625	5	0.10	56	1005	92	<5	<5	0.03	<10	95	<100	<1	22	<10	3	70
73593	259050	<1	1.43	4	46	37	1	14	3.68	<4	24	68	49	4.38	0.09	10	1.74	768	7	0.10	49	1434	109	<5	<5	0.04	<10	112	<100	<1	40	<10	4	73
73594	259051	<1	2.96	6	50	48	1	12	4.34	<4	28	94	50	5.50	0.15	20	2.37	850	6	0.07	91	1486	150	<5	<5	0.06	<10	147	<100	<1	75	<10	4	84
73595	259052	<1	2.39	2	55	49	1	21	5.86	<4	25	106	45	5.29	0.15	15	1.87	1328	9	0.05	124	924	128	<5	<5	0.06	<10	215	<100	<1	48	<10	4	69
73596	259053	<1	2.82	4	57	35	1	13	7.21	<4	33	119	54	5.90	0.14	19	2.13	1091	9	0.06	172	1003	154	<5	<5	0.06	<10	207	<100	<1	61	<10	4	82
73597	259053	<1	2.74	4	58	35	1	12	7.00	<4	32	116	54	5.71	0.14	19	2.08	1052	9	0.06	167	978	158	<5	<5	0.06	<10	200	<100	2	59	<10	4	79
73598	259054	<1	2.27	3	58	28	1	18	4.71	<4	25	119	46	4.96	0.12	16	2.04	914	7	0.06	114	940	123	<5	<5	0.05	<10	133	<100	<1	53	<10	3	71
73599	259055	<1	2.04	4	59	60	1	12	3.85	<4	24	100	56	4.43	0.17	13	2.05	850	7	0.06	102	961	115	<5	<5	0.05	<10	143	<100	<1	43	<10	4	73
73600	259201	<1	1.70	5	53	27	1	18	2.62	<4	18	45	44	4.41	0.04	11	1.51	726	8	0.11	35	1414	103	<5	<5	0.04	<10	74	<100	<1	56	<10	4	84
73601	259202	<1	2.72	9	48	20	1	15	4.56	<4	32	111	51	6.72	0.06	19	2.34	1158	10	0.12	69	1471	179	<5	<5	0.05	<10	106	<100	<1	97	<10	3	102
73602	259203	<1	2.25	11	51	114	1	17	4.41	<4	29	122	40	5.37	0.06	15	1.68	935	9	0.14	54	1442	137	<5	<5	0.05	<10	92	<100	<1	77	<10	4	84
73603	259204	<1	2.97	15	49	32	1	15	5.15	<4	31	109	84	6.37	0.05	21	1.88	1067	10	0.10	68	1515	164	<5	<5	0.05	<10	92	<100	<1	79	<10	5	88
73604	259205	<1	3.06	6	52	15	1	11	4.10	<4	33	267	52	5.58	0.03	25	2.18	1022	6	0.05	84	1443	155	<5	<5	0.04	<10	74	104	<1	96	<10	4	87
73605	259206	<1	2.71	4	56	22	1	10	4.45	<4	28	187	58	5.19	0.04	21	1.95	1140	7	0.06	68	1822	129	<5	<5	0.04	<10	98	103	<1	66	<10	5	90
73606	259207	<1	1.46	5	52	51	1	12	3.03	<4	15	19	16	4.71	0.10	8	1.07	1074	9	0.11	6	2036	126	<5	<5	0.04	<10	118	<100	<1	17	<10	5	114
73607	259208	<1	0.57	<2	48	30	1	12	2.82	<4	17	37	17	4.74	0.07	4	1.00	1103	10	0.17	10	1929	119	<5	<5	0.03	<10	98	<100	<1	11	<10	5	162
73608	259208	<1	0.52	5	49	28	1	13	2.58	<4	15	39	15	4.47	0.07	4	0.92	1037	9	0.16	9	1802	115	<5	<5	0.03	<10	90	<100	<1	10	<10	5	161

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-30 02:11 PM
Job Number: 200740904
Date Received: 4/10/2007
Number of Samples: 87
Type of Sample: Core
Date Completed: 4/23/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V	W	Y	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
73609	259209	<1	0.70	5	46	46	1	11	3.47	<4	14	26	12	4.43	0.16	2	1.05	1013	9	0.18	6	1943	111	<5	<5	0.04	<10	94	<100	<1	10	<10	6	108
73610	259210	<1	0.61	3	48	33	1	12	4.30	<4	29	36	23	4.51	0.14	2	1.21	1094	8	0.15	49	1272	119	<5	<5	0.04	<10	81	<100	<1	18	<10	4	86
73611	259211	<1	0.64	5	43	27	1	12	3.87	<4	35	46	36	4.73	0.14	2	1.27	1055	9	0.16	37	1134	118	<5	<5	0.03	<10	72	<100	<1	21	<10	3	65
73612	259212	<1	0.78	<2	47	17	<1	13	3.79	<4	31	33	33	4.24	0.09	3	1.17	773	8	0.14	36	1326	106	<5	<5	0.03	<10	70	<100	<1	28	<10	3	50
73613	259213	<1	0.59	5	42	17	1	10	4.14	<4	28	22	17	3.67	0.10	2	1.00	726	7	0.18	31	1275	96	<5	<5	0.04	<10	74	<100	<1	18	<10	3	38
73614	259214	<1	0.60	3	40	15	1	7	4.90	<4	29	13	44	3.68	0.09	2	1.10	802	8	0.18	34	1460	85	<5	<5	0.04	<10	85	<100	<1	14	<10	4	55
73615	259215	<1	0.80	3	38	12	1	12	4.41	<4	30	78	27	4.49	0.09	3	1.11	914	8	0.16	33	1472	103	<5	<5	0.04	<10	70	<100	<1	32	<10	3	83
73616	259216	<1	0.75	2	35	12	1	10	4.76	<4	23	18	4	3.46	0.09	3	1.32	743	7	0.16	28	1337	88	<5	<5	0.03	<10	80	<100	<1	19	<10	3	46
73617	259217	<1	1.03	3	37	14	1	14	4.31	<4	24	21	7	4.39	0.12	4	1.17	966	8	0.20	29	1544	103	<5	<5	0.04	<10	68	<100	<1	36	<10	3	64
73618	259218	<1	0.69	3	43	13	<1	11	5.27	<4	27	19	4	5.01	0.09	3	1.18	1125	9	0.14	32	1708	128	<5	<5	0.03	<10	67	195	<1	45	<10	3	68
73619	259218	<1	0.74	4	48	14	1	15	5.61	<4	29	21	5	5.33	0.10	3	1.26	1184	9	0.15	34	1803	125	<5	<5	0.04	<10	72	216	<1	49	<10	4	72
73620	259219	<1	1.35	6	46	23	1	16	5.81	<4	31	22	9	6.09	0.22	6	1.45	1232	10	0.17	40	1649	153	<5	<5	0.04	<10	67	149	<1	49	<10	3	102
73621	259220	<1	0.75	5	44	14	1	12	6.12	<4	26	20	3	5.64	0.12	3	1.19	1372	8	0.15	28	1688	148	<5	<5	0.04	<10	67	237	<1	48	<10	4	61
73622	259221	<1	1.47	5	52	50	1	10	7.97	<4	23	47	38	3.98	0.13	7	1.13	955	8	0.11	44	1108	95	<5	<5	0.05	<10	295	<100	<1	41	<10	4	54
73623	259222	<1	2.57	15	61	163	1	11	2.85	<4	28	276	62	3.28	0.04	9	2.38	677	5	0.05	85	1461	96	<5	<5	0.04	<10	162	2322	<1	73	<10	5	61
73624	259223	<1	3.10	3	57	34	1	13	4.82	<4	21	100	23	4.23	0.15	22	2.03	960	6	0.05	75	649	110	<5	<5	0.04	<10	78	<100	<1	50	<10	6	61
73625	259224	<1	3.67	6	63	4	1	11	4.17	<4	23	127	104	6.50	0.01	16	2.26	1969	10	0.06	87	650	163	<5	<5	0.05	<10	88	132	<1	98	<10	5	80
73626	259225	<1	4.27	<2	58	35	1	21	6.46	<4	24	73	35	8.18	0.15	20	1.69	2652	12	0.04	75	657	215	<5	<5	0.06	<10	112	<100	<1	64	<10	5	74
73627	259226	<1	3.04	3	59	8	1	18	2.02	<4	24	149	17	5.28	<0.01	19	2.65	1190	6	0.06	91	652	123	<5	<5	0.05	<10	89	<100	<1	97	<10	2	57
73628	259227	<1	3.34	4	54	4	1	13	1.98	<4	25	140	29	5.83	0.02	23	2.67	1202	8	0.07	93	662	146	<5	<5	0.06	<10	47	<100	<1	97	<10	2	71
73629	259228	<1	2.54	<2	47	13	1	15	2.90	<4	23	128	48	4.93	0.06	17	2.39	1129	5	0.05	81	679	125	<5	<5	0.04	<10	52	<100	<1	62	<10	2	78
73630	259228	<1	2.83	6	54	14	1	16	3.20	<4	25	244	54	5.52	0.06	19	2.63	1263	6	0.06	93	734	131	<5	<5	0.05	<10	57	<100	<1	68	<10	2	79

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

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Date Created: 07-04-30 02:11 PM
Job Number: 200740904
Date Received: 4/10/2007
Number of Samples: 87
Type of Sample: Core
Date Completed: 4/23/2007
Project ID: C-1949

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73631	259229	<1	2.16	3	55	26	1	14	3.92	<4	25	117	45	5.46	0.05	12	2.17	1132	6	0.06	86	661	143	<5	<5	0.04	<10	125	<100	<1	68	<10	3	77
73632	259230	<1	2.67	11	62	17	2	18	6.51	<4	40	91	101	8.62	0.03	10	2.54	1457	13	0.04	52	1355	235	<5	<5	0.05	<10	190	<100	<1	177	<10	6	102
73633	259231	<1	3.89	12	61	18	2	18	5.88	<4	46	87	144	9.16	<0.01	13	2.85	1445	13	0.04	62	1534	261	5	<5	0.07	<10	187	2811	<1	235	<10	16	102
73634	259232	<1	4.18	10	67	4	2	14	4.14	<4	51	245	119	7.41	<0.01	12	3.35	1299	7	0.02	79	1324	195	<5	<5	0.06	<10	131	4562	<1	157	<10	10	95
73635	259233	<1	3.32	6	58	3	1	11	9.37	<4	41	145	44	6.72	<0.01	13	2.21	1464	10	0.03	92	998	202	<5	<5	0.05	<10	73	3396	2	128	<10	10	78
73636	259234	<1	5.17	9	60	2	1	19	6.23	<4	52	205	71	8.73	<0.01	22	3.58	1335	9	0.03	165	1045	246	<5	<5	0.06	<10	136	845	<1	197	<10	9	96
73637	259235	<1	3.25	2	54	9	1	10	6.05	<4	42	150	78	7.78	0.03	21	3.37	1323	8	0.08	131	1195	208	6	<5	0.05	<10	128	<100	<1	120	<10	4	89
73638	259236	<1	1.89	4	51	21	1	12	3.96	<4	31	51	32	6.09	0.04	16	1.61	1112	9	0.09	55	1384	150	6	<5	0.03	<10	119	196	<1	85	<10	3	170
73639	259237	<1	1.64	3	42	26	1	9	5.75	<4	26	75	35	5.91	0.11	8	1.11	1948	9	0.14	31	1563	164	<5	<5	0.05	<10	139	<100	<1	51	<10	3	83
73640	259238	<1	1.00	5	46	17	2	18	7.39	<4	34	78	59	6.03	0.06	6	2.13	1163	9	0.11	118	1103	151	<5	<5	0.04	<10	136	<100	<1	48	<10	3	70
73641	259238	<1	1.00	7	49	17	2	7	7.59	<4	37	76	58	6.17	0.06	6	2.14	1195	6	0.11	120	1116	175	<5	<5	0.04	<10	140	<100	3	48	<10	3	72
73642	259239	<1	0.52	5	52	25	<1	15	6.92	<4	38	69	87	5.09	0.08	3	1.58	939	7	0.15	130	1169	128	<5	<5	0.04	<10	151	143	<1	53	<10	2	64
73643	259240	<1	1.44	3	53	24	1	13	6.01	<4	38	152	71	6.39	0.06	9	2.12	1022	9	0.09	151	1082	178	5	<5	0.04	<10	102	109	<1	68	<10	2	112
73644	259241	<1	2.62	7	47	11	1	14	4.66	<4	30	75	46	6.68	0.04	16	2.43	1088	9	0.15	97	1274	168	<5	<5	0.05	<10	118	<100	<1	75	<10	3	122
73645	259242	<1	1.43	7	51	14	1	7	4.08	<4	25	82	39	4.78	0.04	9	1.84	783	9	0.09	73	1021	118	<5	<5	0.04	<10	95	<100	<1	48	<10	2	79
73646	259243	2	0.79	4	48	11	1	13	2.99	<4	15	146	32	3.13	0.02	5	1.20	681	6	0.09	46	529	82	<5	<5	0.04	<10	94	<100	<1	25	<10	1	49
73647	259244	<1	1.33	5	41	22	2	14	7.31	<4	38	99	77	6.61	0.09	8	2.23	1234	11	0.10	129	1158	193	<5	<5	0.04	<10	126	<100	<1	49	<10	2	176
73648	259245	<1	3.86	8	53	11	2	21	7.14	5	61	19	157	>10.00	0.02	16	2.88	1507	17	0.02	66	868	334	<5	<5	0.05	<10	192	104	2	390	<10	4	154
73649	259246	<1	2.28	8	56	25	2	18	7.73	4	46	26	147	9.21	0.09	10	2.49	1620	14	0.03	50	1392	281	<5	<5	0.04	<10	215	<100	<1	155	<10	5	117
73650	259247	<1	2.01	7	49	9	2	17	5.98	4	45	115	134	9.68	0.06	11	3.04	1511	14	0.09	67	1381	273	<5	<5	0.04	<10	197	<100	<1	106	<10	4	144
73651	259248	<1	4.30	4	63	18	2	14	5.80	<4	43	155	116	8.95	0.01	19	2.98	1456	11	0.04	63	1477	259	6	<5	0.05	<10	231	151	<1	226	<10	8	116
73652	259248	<1	4.09	9	62	18	2	21	5.57	<4	42	151	113	8.75	0.01	18	2.88	1402	12	0.04	62	1417	233	<5	<5	0.06	<10	221	148	<1	218	<10	8	114

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
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73653	259249	<1	4.57	8	63	23	2	21	6.07	<4	44	189	116	9.20	0.01	21	3.21	1484	14	0.04	69	1533	276	<5	<5	0.06	<10	245	155	<1	219	<10	9	123
73654	259250	<1	3.13	6	57	18	1	13	4.36	<4	40	179	198	6.70	0.09	19	3.19	970	5	0.03	81	864	178	<5	<5	0.05	<10	181	<100	<1	96	<10	2	111
73655	259251	<1	2.64	5	49	25	1	13	7.91	<4	38	90	60	4.53	0.23	14	0.99	920	7	0.07	94	1238	122	<5	<5	0.05	<10	119	<100	<1	52	<10	4	76
73656	259252	<1	2.54	5	43	12	1	15	7.76	<4	23	17	41	4.60	0.08	16	1.00	1411	8	0.09	24	1602	113	<5	<5	0.04	<10	119	<100	1	54	<10	6	79
73657	259253	<1	2.92	4	44	16	1	17	>10.00	<4	34	138	18	5.60	0.10	18	0.94	1364	8	0.10	139	1065	144	<5	<5	0.06	<10	182	<100	<1	72	<10	6	63
73658	259254	<1	4.12	6	56	66	1	21	7.24	<4	43	588	123	6.70	0.06	26	3.37	1176	6	0.03	219	954	182	5	<5	0.04	<10	313	<100	<1	116	<10	6	92
73659	259255	<1	3.70	14	57	17	2	20	4.08	<4	36	107	90	7.55	0.01	20	2.48	994	12	0.05	106	1288	227	<5	<5	0.08	<10	180	218	<1	124	<10	3	100
73660	259256	<1	4.83	10	57	12	2	18	4.92	<4	45	175	148	8.60	0.01	25	2.77	1362	15	0.05	106	1907	255	5	<5	0.06	<10	173	119	<1	200	<10	4	164
73661	259257	<1	3.07	8	53	24	1	12	5.22	<4	36	226	44	6.03	0.12	22	3.18	1007	7	0.07	166	1076	157	<5	<5	0.05	<10	149	<100	<1	74	<10	3	81
73662	612338	<1	2.94	6	57	18	1	14	4.90	<4	21	75	44	4.64	0.10	21	1.89	926	6	0.04	71	1201	117	<5	<5	0.05	<10	169	<100	<1	58	<10	3	71
73663	612339	<1	1.56	4	56	14	1	15	3.75	<4	20	51	39	3.93	0.06	11	1.86	660	4	0.03	70	1090	108	<5	<5	0.03	<10	102	<100	<1	30	<10	2	71
73664	612339	<1	1.48	2	56	14	1	13	3.71	<4	20	52	45	3.78	0.06	11	1.80	644	4	0.03	69	1014	104	<5	<5	0.03	<10	101	<100	<1	29	<10	2	69
73665	612340	<1	1.54	6	54	39	1	11	4.81	<4	18	63	48	3.70	0.14	10	1.66	791	7	0.05	62	1113	92	<5	<5	0.04	<10	155	<100	<1	31	<10	3	61
73666	612341	<1	2.31	2	52	31	1	12	3.49	<4	22	104	35	4.51	0.12	15	1.86	749	5	0.06	69	1160	117	<5	<5	0.05	<10	121	<100	<1	52	<10	4	73
73667	612342	<1	1.72	6	50	67	<1	10	4.59	<4	23	124	41	3.95	0.12	12	2.43	728	6	0.13	98	1077	95	<5	<5	0.05	<10	203	<100	<1	33	<10	5	70
73668	612343	<1	2.01	6	48	70	1	17	2.99	<4	18	100	12	5.12	0.28	11	1.34	1067	9	0.07	40	1637	129	<5	<5	0.05	<10	123	<100	<1	25	<10	6	85
73669	612344	1	1.54	4	50	116	1	11	2.84	<4	14	87	35	4.24	0.29	7	1.03	811	10	0.07	20	1475	104	<5	<5	0.05	<10	128	<100	<1	19	<10	7	77
73670	612345	<1	3.13	6	59	52	1	17	6.63	<4	25	137	63	5.91	0.12	21	1.60	1075	10	0.06	105	1010	154	<5	<5	0.07	<10	280	<100	<1	63	<10	4	72
73671	612346	<1	1.98	4	52	53	1	13	4.54	<4	24	114	53	4.86	0.23	12	2.11	1049	6	0.10	104	1040	131	<5	<5	0.06	<10	140	<100	<1	37	<10	4	75
73672	612392	<1	2.93	2	55	33	1	15	5.13	<4	21	78	51	4.60	0.16	20	1.64	938	8	0.07	72	1124	126	<5	<5	0.07	<10	160	<100	<1	56	<10	3	71
73673	612393	<1	2.97	2	53	24	1	20	5.29	<4	22	86	57	4.80	0.14	20	1.70	918	8	0.06	76	1143	124	<5	<5	0.07	<10	172	<100	<1	58	<10	3	73
73674	612394	<1	2.60	7	55	23	1	12	5.09	<4	21	75	48	4.58	0.14	18	1.69	890	5	0.06	71	1173	116	<5	<5	0.06	<10	175	<100	<1	47	<10	3	72

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Fax: (807) 622-7571

www.accurassay.com
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MPH Consulting Ltd.
Date Created: 07-04-30 02:11 PM
Job Number: 200740904
Date Recieved: 4/10/2007
Number of Samples: 87
Type of Sample: Core
Date Completed: 4/23/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
73675	612395	<1	1.93	<2	56	33	1	16	3.96	<4	20	75	47	4.02	0.16	12	1.84	769	5	0.09	70	1114	109	<5	<5	0.05	<10	120	<100	<1	41	<10	3	70
73676	612395	<1	1.90	3	54	33	1	12	3.88	<4	20	73	47	3.92	0.16	12	1.80	748	5	0.09	70	1102	106	<5	<5	0.05	<10	117	<100	<1	41	<10	3	67
73677	612396	<1	1.92	6	53	42	1	10	3.77	<4	21	67	38	4.06	0.17	12	1.81	674	7	0.08	71	1061	99	<5	<5	0.04	<10	118	<100	1	38	<10	3	75
73678	612397	<1	2.00	5	53	60	1	15	3.42	<4	21	82	45	4.24	0.16	12	1.92	777	6	0.09	70	1215	108	<5	<5	0.06	<10	108	<100	<1	47	<10	4	77
73679	612398	<1	2.09	5	56	62	1	13	3.15	<4	22	72	56	4.31	0.14	13	2.06	863	6	0.08	67	1182	99	<5	<5	0.05	<10	103	<100	<1	51	<10	3	74
73680	612399	<1	2.63	5	57	33	1	9	2.77	<4	24	80	47	4.94	0.11	17	2.34	800	5	0.07	79	1244	118	<5	<5	0.06	<10	94	<100	<1	66	<10	4	83
73681	612400	<1	2.82	4	53	21	1	14	2.76	<4	22	74	46	5.65	0.08	18	2.00	854	9	0.06	70	1198	161	<5	<5	0.05	<10	95	<100	<1	72	<10	3	82

Certified By: *Dereck Demianiuk*
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-04-30 02:10 PM
Job Number: 200740921
Date Received: 4/11/2007
Number of Samples: 8
Type of Sample: Core
Date Completed: 4/24/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
75093	259258	<1	2.22	5	91	46	2	<1	3.90	<4	12	20	23	>10.00	0.19	12	0.64	772	9	0.14	10	1258	82	<5	<5	0.06	<10	139	<100	<1	8	<10	3	191
75094	259259	<1	2.14	5	81	52	2	1	3.13	<4	13	31	22	>10.00	0.16	12	0.92	997	9	0.13	9	1253	97	<5	<5	0.06	<10	115	<100	<1	8	<10	3	99
75095	259260	<1	2.02	4	73	83	2	2	3.30	<4	12	16	18	>10.00	0.19	11	0.95	1028	9	0.10	10	1244	88	<5	<5	0.05	<10	119	<100	<1	7	<10	4	85
75096	259261	<1	1.33	3	68	31	2	4	3.37	<4	13	27	17	>10.00	0.09	6	0.90	958	9	0.17	9	1277	96	<5	<5	0.04	<10	118	<100	3	7	<10	4	87
75097	259262	<1	1.37	6	66	81	2	<1	3.11	<4	11	30	17	>10.00	0.21	5	0.87	1003	9	0.15	9	1169	81	<5	<5	0.04	<10	101	<100	<1	6	<10	4	76
75098	259263	<1	1.60	6	61	23	2	3	4.71	<4	13	14	21	9.99	0.12	7	0.52	675	9	0.13	11	1191	73	<5	<5	0.04	<10	115	<100	<1	6	<10	4	95
75099	259264	<1	1.43	3	58	23	2	<1	4.55	<4	10	10	17	8.74	0.10	6	0.42	605	8	0.21	9	1167	65	<5	<5	0.04	<10	114	<100	<1	5	<10	3	81
75100	259265	<1	1.31	6	54	34	2	<1	4.50	<4	10	13	18	9.36	0.16	4	0.49	664	8	0.24	9	1038	72	<5	<5	0.04	<10	105	<100	<1	4	<10	4	82
75101	259265	<1	1.29	6	48	34	2	<1	4.41	<4	10	13	18	9.10	0.16	3	0.48	646	8	0.23	9	1008	65	<5	<5	0.04	<10	103	<100	<1	4	<10	4	79

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-09 10:00 AM
Job Number: 200741005
Date Recieved: 4/18/2007
Number of Samples: 8
Type of Sample: Core
Date Completed: 5/2/2007
Project ID: C-1949

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
81046	259362	<1	3.35	9	53	225	<1	9	3.08	<4	32	220	51	5.50	0.03	20	2.75	797	8	0.12	144	1072	144	<5	<5	0.04	<10	155	3405	<1	123	<10	13	220
81047	259363	<1	2.30	9	57	470	<1	<1	7.47	<4	21	312	51	3.61	0.16	11	1.75	913	6	0.19	90	658	93	<5	<5	0.06	<10	337	2903	<1	81	<10	10	105
81048	259364	<1	3.41	8	59	84	<1	4	3.03	<4	37	444	56	5.97	0.07	19	2.85	839	8	0.10	152	1119	164	<5	<5	0.04	<10	111	5432	<1	127	<10	14	128
81049	259365	<1	3.16	6	58	260	<1	7	3.78	<4	35	186	55	5.18	0.20	17	2.58	822	5	0.10	144	1139	144	<5	<5	0.04	<10	151	5075	<1	101	<10	13	115
81050	259366	<1	1.27	6	53	363	<1	<1	3.40	<4	16	399	30	2.91	0.13	6	0.98	574	6	0.16	59	435	93	<5	<5	0.05	<10	174	2329	<1	42	<10	7	43
81051	259367	<1	3.35	7	54	123	<1	9	3.56	<4	35	212	71	5.18	0.12	18	2.87	842	7	0.12	141	1186	143	<5	<5	0.04	<10	117	5724	<1	111	<10	14	101
81052	259368	<1	2.81	10	53	26	<1	5	2.93	<4	32	156	51	5.07	0.05	11	2.27	887	6	0.10	99	987	136	<5	<5	0.04	<10	146	5612	<1	96	<10	11	97
81053	259369	<1	2.91	11	53	17	<1	8	2.59	<4	32	178	53	5.24	0.02	11	2.56	933	4	0.09	112	964	137	<5	<5	0.04	<10	112	5299	<1	103	<10	11	85
81054	259369	<1	2.92	10	54	17	<1	6	2.60	<4	32	178	52	5.27	0.02	12	2.59	948	5	0.09	113	982	130	<5	<5	0.03	<10	107	5194	<1	103	<10	10	88

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-14 08:40 AM
Job Number: 200741109
Date Recieved: 4/25/2007
Number of Samples: 132
Type of Sample: Core
Date Completed: 5/11/2007
Project ID:

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm
86849	259001	<1	0.58	10	33	18	<1	7	5.48	6	32	38	42	4.84	0.05	3	1.44	783	7	0.14	44	1329	124	<5	<5	0.03	<10	64	<100	2	32
86850	259002	<1	0.51	13	35	16	<1	5	5.75	5	30	24	35	4.98	0.05	3	1.54	803	6	0.14	37	1250	131	<5	<5	0.03	<10	65	<100	2	27
86851	259098	<1	0.45	5	36	38	<1	4	4.37	<4	24	30	19	3.40	0.13	2	0.86	524	6	0.09	31	1270	97	<5	<5	0.03	<10	49	<100	2	16
86852	259099	<1	0.41	5	37	33	<1	3	4.99	<4	27	23	45	3.48	0.11	1	0.81	538	5	0.09	33	1205	100	<5	<5	0.03	<10	46	<100	<1	19
86853	259100	<1	0.64	5	36	25	<1	3	4.92	<4	26	22	31	4.38	0.09	3	1.27	672	6	0.14	32	1258	103	<5	<5	0.06	<10	49	<100	2	32
86854	259266	<1	1.34	8	41	40	<1	8	4.16	<4	12	45	30	4.01	0.13	4	0.50	704	6	0.04	26	697	108	<5	<5	0.04	<10	127	<100	2	20
86855	259267	<1	1.28	6	38	43	<1	7	4.16	<4	13	30	26	3.73	0.19	4	0.36	667	6	0.03	25	806	109	<5	<5	0.03	<10	99	<100	<1	13
86856	259268	<1	1.80	5	42	18	<1	4	5.12	4	12	36	18	4.96	0.13	6	0.48	1004	7	0.04	24	908	124	<5	<5	0.05	<10	84	<100	3	20
86857	259269	<1	1.06	7	41	36	<1	<1	8.23	<4	3	176	25	1.82	0.26	3	0.16	1226	4	0.18	12	600	57	<5	<5	0.14	<10	169	<100	2	9
86858	259270	<1	2.24	6	39	19	<1	5	4.25	5	13	46	30	6.15	0.13	8	0.61	1004	8	0.03	31	866	159	<5	<5	0.05	<10	71	<100	2	32
86859	259270	<1	2.30	7	39	19	<1	6	4.32	5	14	47	35	6.31	0.13	8	0.63	1042	7	0.03	33	884	175	6	<5	0.05	<10	72	<100	<1	32
86860	259271	<1	1.30	8	41	21	<1	2	4.83	<4	11	41	20	3.56	0.15	4	0.35	844	5	0.04	24	787	111	<5	<5	0.05	<10	85	<100	<1	14
86861	259272	<1	0.62	9	43	21	<1	4	5.12	<4	6	358	20	1.52	0.15	2	0.12	683	3	0.09	18	296	46	<5	<5	0.13	<10	100	<100	1	8
86862	259273	<1	1.25	7	40	23	<1	2	4.85	<4	12	34	29	3.68	0.16	5	0.37	957	5	0.03	22	743	117	<5	<5	0.05	<10	99	<100	3	14
86863	259274	<1	3.48	9	39	17	<1	8	4.97	5	35	124	54	7.39	0.05	16	2.26	1002	9	0.03	58	555	219	6	<5	0.06	<10	108	3531	<1	113
86864	259275	<1	5.15	4	54	11	<1	2	0.26	<4	2	45	3	0.80	1.48	24	0.14	122	1	3.15	3	<100	24	<5	<5	0.06	<10	24	150	<1	4
86865	259276	<1	3.92	6	44	5	<1	4	3.95	6	38	145	60	8.35	0.02	18	2.49	965	9	0.03	66	627	235	<5	<5	0.06	<10	76	4271	3	151
86866	259277	<1	3.57	8	42	9	<1	9	3.55	5	38	125	62	7.32	0.03	15	2.34	977	9	0.03	63	589	196	<5	<5	0.06	<10	95	3646	<1	105
86867	259278	<1	3.82	7	42	11	<1	10	4.89	6	36	140	63	8.05	0.02	17	2.44	1015	10	0.05	67	613	227	<5	<5	0.07	<10	137	1756	<1	143
86868	259279	<1	3.77	4	46	17	<1	10	5.68	6	32	144	61	7.89	0.01	17	2.45	1108	10	0.04	66	587	233	<5	<5	0.06	<10	167	<100	2	152
86869	259280	<1	2.65	6	43	17	<1	6	4.16	5	21	58	35	6.13	0.04	10	1.82	826	8	0.06	34	702	162	6	<5	0.07	<10	109	123	<1	129
86870	259280	<1	2.74	4	42	17	<1	10	4.30	5	22	60	36	6.29	0.04	11	1.87	849	8	0.06	34	723	175	<5	<5	0.07	<10	113	124	<1	134

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X6

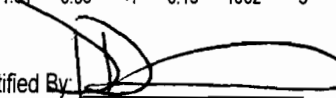
Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-14 08:40 AM
Job Number: 200741109
Date Received: 4/25/2007
Number of Samples: 132
Type of Sample: Core
Date Completed: 5/11/2007
Project ID:

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm
86871	259281	<1	3.80	7	42	10	<1	11	5.12	7	41	41	89	>10.00	0.02	16	2.44	1483	12	0.04	27	868	329	6	<5	0.07	<10	121	5225	<1	294
86872	259282	<1	3.82	8	41	18	<1	15	4.29	7	41	88	65	9.24	0.04	16	2.58	1353	12	0.05	50	750	264	<5	<5	0.09	<10	102	4725	<1	188
86873	259283	<1	2.01	5	40	74	<1	4	5.90	4	22	64	43	4.89	0.16	10	1.36	1057	6	0.02	24	407	128	<5	<5	0.04	<10	136	2735	<1	70
86874	259284	<1	4.12	5	42	13	<1	9	3.90	6	43	110	65	9.56	0.03	18	2.80	1343	11	0.04	57	795	264	5	<5	0.09	<10	88	5731	1	238
86875	259285	<1	4.12	10	43	14	<1	9	5.55	7	37	87	67	>10.00	0.04	16	2.49	1359	11	0.04	50	769	275	<5	<5	0.08	<10	168	296	<1	253
86876	259286	<1	1.29	3	44	34	<1	6	2.22	<4	8	59	12	3.03	0.08	4	0.77	474	4	0.10	11	602	81	<5	<5	0.07	<10	90	<100	<1	38
86877	259287	<1	0.99	5	42	16	<1	4	1.49	<4	6	58	14	2.61	0.04	2	0.60	376	4	0.08	6	530	72	<5	<5	0.04	<10	69	<100	<1	17
86878	259288	<1	1.22	4	43	12	<1	11	3.72	4	18	57	37	5.12	0.05	3	1.32	838	6	0.03	24	407	121	<5	<5	0.03	<10	147	<100	<1	50
86879	259289	<1	3.33	14	46	19	<1	16	4.98	7	40	101	76	>10.00	0.09	7	2.77	1271	13	0.04	67	689	295	<5	<5	0.05	<10	188	403	2	162
86880	259290	<1	0.11	3	44	8	<1	4	0.38	<4	2	527	16	0.88	0.03	<1	0.08	<100	2	0.03	14	<100	27	<5	<5	0.03	<10	17	<100	<1	5
86881	259290	<1	0.10	5	45	8	<1	<1	0.37	<4	2	521	16	0.86	0.03	<1	0.08	<100	2	0.03	13	<100	25	<5	<5	0.03	<10	17	<100	<1	5
86882	259291	<1	2.94	7	42	27	<1	10	5.17	6	37	85	67	9.29	0.12	6	2.46	1297	11	0.04	52	727	243	<5	<5	0.06	<10	190	690	2	154
86883	259292	<1	3.78	9	38	50	<1	10	7.23	6	37	77	78	9.08	0.12	9	2.33	1264	11	0.02	45	740	248	<5	<5	0.07	<10	289	764	<1	182
86884	259293	<1	2.66	5	41	53	<1	6	5.84	5	25	65	48	6.27	0.14	8	1.80	1200	10	0.03	51	930	158	<5	<5	0.05	<10	221	221	<1	68
86885	259294	<1	0.40	4	42	54	<1	5	4.70	<4	3	226	5	1.12	0.13	<1	0.16	733	14	0.07	7	589	44	<5	<5	0.10	<10	163	<100	1	4
86886	259295	<1	1.00	5	39	73	<1	7	1.54	<4	5	55	17	2.45	0.18	2	0.45	389	4	0.06	4	492	68	<5	<5	0.03	<10	56	<100	1	4
86887	259296	<1	0.96	4	39	66	<1	6	1.35	<4	5	45	10	2.43	0.17	2	0.42	353	4	0.05	5	546	70	<5	<5	0.03	<10	47	<100	<1	5
86888	259297	<1	1.07	4	39	151	<1	<1	2.77	<4	11	98	16	2.38	0.40	1	0.33	530	5	0.08	7	632	70	<5	<5	0.07	<10	95	186	<1	7
86889	259298	<1	1.32	4	37	74	<1	3	1.41	<4	8	27	15	3.32	0.20	3	0.63	437	6	0.05	6	820	91	<5	<5	0.03	<10	48	155	<1	7
86890	259299	<1	1.07	6	35	23	<1	3	1.24	<4	5	58	12	2.91	0.07	3	0.50	438	5	0.10	5	432	82	<5	<5	0.04	<10	27	150	<1	11
86891	259300	<1	0.42	3	39	24	<1	<1	6.32	<4	3	264	29	1.41	0.06	1	0.14	937	3	0.12	6	145	47	<5	<5	0.10	<10	104	<100	1	4
86892	259301	<1	0.44	4	40	26	<1	<1	6.82	<4	4	286	30	1.51	0.06	<1	0.15	1002	3	0.13	7	155	47	<5	<5	0.11	<10	113	<100	3	4

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X6

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-14 08:40 AM
Job Number: 200741109
Date Received: 4/25/2007
Number of Samples: 132
Type of Sample: Core
Date Completed: 5/11/2007
Project ID:

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Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm
86893	259301	<1	1.26	5	41	24	<1	<1	0.91	<4	7	56	42	3.37	0.08	4	0.58	440	5	0.10	6	451	90	<5	<5	0.05	<10	16	1091	<1	11
86894	259302	<1	0.51	3	41	28	<1	2	4.18	<4	6	69	6	1.71	0.08	<1	0.24	446	3	0.04	13	318	51	<5	<5	0.04	<10	50	773	1	12
86895	259303	<1	1.29	7	38	8	<1	3	1.84	<4	13	91	25	3.47	0.02	4	0.86	499	5	0.07	19	460	96	6	<5	0.04	<10	21	2048	<1	48
86896	259304	<1	1.00	6	38	2	<1	4	2.09	<4	9	98	5	2.09	<0.01	3	0.82	366	2	0.05	13	281	62	<5	<5	0.02	<10	34	1052	<1	26
86897	259305	<1	0.84	10	43	9	<1	3	>10.00	<4	7	108	1	1.46	<0.01	3	0.78	623	2	0.04	31	370	45	<5	<5	0.06	<10	52	873	2	28
86898	259306	<1	0.98	5	42	5	<1	<1	2.13	<4	9	110	19	2.15	<0.01	2	0.70	398	3	0.08	20	432	60	<5	<5	0.06	<10	36	1801	<1	30
86899	259307	<1	2.86	7	43	94	<1	11	3.77	7	36	24	65	>10.00	0.11	10	1.85	1494	12	0.03	12	1082	293	<5	<5	0.07	<10	88	4951	6	193
86900	259308	<1	1.72	6	43	40	<1	2	>10.00	5	19	52	15	5.96	0.05	6	1.16	1652	6	0.02	8	263	141	<5	<5	0.06	<10	230	1537	2	105
86901	259309	<1	3.68	9	43	95	<1	9	3.69	7	44	42	97	>10.00	0.10	13	2.43	1506	14	0.02	30	1016	305	5	<5	0.07	<10	70	5986	1	235
86902	259310	<1	3.64	11	44	12	<1	10	3.32	6	44	61	89	9.75	0.01	13	2.62	1419	11	0.03	41	845	284	5	<5	0.09	<10	86	6104	<1	239
86903	259310	<1	3.54	8	44	11	<1	8	3.23	6	42	60	87	9.43	0.01	12	2.55	1380	11	0.03	40	833	262	5	<5	0.08	<10	84	5991	<1	231
86904	259311	<1	1.48	11	42	9	<1	9	8.19	<4	21	103	49	3.88	0.02	5	1.02	1133	4	0.05	17	277	91	5	<5	0.11	<10	149	2652	1	103
86905	259312	<1	3.45	6	41	6	<1	12	3.59	7	44	70	81	>10.00	<0.01	12	2.54	1405	12	0.03	44	777	273	<5	<5	0.08	<10	87	5988	1	260
86906	259313	<1	3.56	9	44	5	<1	11	4.91	6	41	112	74	9.51	0.01	14	2.46	1341	12	0.03	56	664	269	6	<5	0.07	<10	139	4379	1	256
86907	259314	<1	3.49	9	42	14	<1	8	5.77	5	33	112	65	7.76	0.03	14	2.41	1329	8	0.02	46	527	205	<5	<5	0.07	<10	158	3654	1	197
86908	259315	<1	3.87	7	39	8	<1	12	4.75	6	41	108	73	9.47	0.02	15	2.62	1311	11	0.02	52	700	251	7	<5	0.07	<10	123	4690	1	245
86909	259316	<1	3.74	6	41	4	<1	12	4.01	7	37	74	64	>10.00	<0.01	17	2.72	1413	12	0.03	40	817	280	6	<5	0.08	<10	133	253	3	305
86910	259317	<1	3.16	7	44	16	<1	14	6.39	6	33	104	59	9.24	<0.01	15	2.33	1470	12	0.05	40	742	253	<5	<5	0.08	<10	229	357	<1	257
86911	259318	<1	3.55	7	42	7	<1	13	3.85	7	35	70	69	>10.00	<0.01	16	2.53	1234	13	0.03	40	858	312	<5	<5	0.07	<10	132	105	2	302
86912	259319	<1	2.06	8	45	6	<1	14	>10.00	5	22	64	44	6.17	<0.01	9	1.52	1426	7	0.02	21	429	158	<5	<5	0.07	<10	304	<100	<1	144
86913	259320	<1	3.57	11	43	3	1	11	3.98	7	36	31	83	>10.00	<0.01	16	2.51	1380	14	0.04	21	929	312	6	<5	0.09	<10	120	189	1	308
86914	259320	<1	3.53	9	42	3	<1	12	3.95	7	35	51	85	>10.00	<0.01	16	2.49	1360	13	0.03	22	907	299	7	<5	0.09	<10	119	189	2	307

Certified By 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

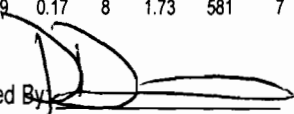
Tel: (807) 626-1630
Fax: (807) 622-7571

www.accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-14 08:40 AM
Job Number: 200741109
Date Received: 4/25/2007
Number of Samples: 132
Type of Sample: Core
Date Completed: 5/11/2007
Project ID:

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Accur. #	Client Tag	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V
		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
86915	259321	<1	2.50	8	41	10	<1	10	7.90	6	25	44	56	7.62	0.01	11	1.81	1352	10	0.03	16	626	203	<5	<5	0.09	<10	210	132	<1	203
86916	259322	<1	3.29	6	45	3	<1	11	4.84	7	33	43	79	>10.00	<0.01	14	2.29	1386	12	0.03	26	883	271	<5	<5	0.08	<10	144	163	<1	283
86917	259323	<1	2.66	5	44	5	<1	8	6.46	5	23	77	35	7.31	<0.01	12	1.92	1176	8	0.05	26	583	182	<5	<5	0.08	<10	191	<100	<1	220
86918	259324	<1	3.49	9	44	8	<1	14	4.84	6	34	65	63	9.76	<0.01	16	2.52	1466	12	0.03	37	786	270	6	<5	0.05	<10	173	302	<1	284
86919	259325	<1	3.56	8	48	7	<1	12	5.65	7	32	12	60	>10.00	0.02	16	2.12	1747	15	0.04	13	1102	325	6	<5	0.08	<10	210	111	3	268
86920	259326	<1	3.21	6	44	21	<1	10	9.67	6	23	14	82	8.36	0.04	14	1.89	2199	11	0.02	11	793	228	5	<5	0.06	<10	501	<100	2	159
86921	259327	<1	2.42	6	44	64	<1	10	9.32	5	27	35	153	6.86	0.13	9	1.32	2385	9	0.05	9	917	171	<5	<5	0.07	<10	380	<100	<1	133
86922	259328	<1	1.57	5	47	22	<1	6	6.31	5	13	73	30	5.62	0.05	6	1.06	1542	6	0.02	7	346	140	<5	<5	0.06	<10	290	<100	2	95
86923	259329	<1	3.94	5	41	16	<1	15	3.91	7	31	11	54	>10.00	0.03	18	2.23	1565	13	0.03	13	1161	318	6	<5	0.07	<10	154	<100	2	246
86924	259330	<1	3.00	8	42	10	<1	6	5.64	5	22	48	44	7.22	0.02	14	1.79	1608	9	0.02	9	751	190	7	<5	0.04	<10	215	<100	<1	152
86925	259330	<1	2.78	5	41	10	<1	8	5.26	5	20	46	43	6.83	0.01	13	1.67	1509	9	0.02	8	699	175	<5	<5	0.04	<10	202	<100	<1	141
86926	259331	<1	3.66	6	38	5	<1	6	4.60	7	31	39	61	>10.00	0.01	17	2.20	1401	11	0.02	26	851	268	6	<5	0.07	<10	174	145	2	254
86927	259332	<1	3.57	8	42	4	<1	16	4.74	6	33	81	70	9.62	<0.01	18	2.40	1389	11	0.03	44	678	257	6	<5	0.06	<10	204	106	<1	267
86928	259333	<1	2.38	7	43	15	<1	12	>10.00	4	19	39	44	5.53	0.03	11	1.57	1910	8	0.02	23	384	143	<5	<5	0.06	<10	642	<100	1	135
86929	259334	<1	4.24	7	44	7	<1	6	6.41	7	40	72	75	>10.00	0.02	19	2.63	1484	12	0.02	43	651	290	7	<5	0.06	<10	258	<100	<1	277
86930	259335	<1	4.69	9	49	8	<1	13	4.69	7	39	70	94	>10.00	0.02	23	2.75	1373	14	0.04	36	727	303	7	<5	0.06	<10	183	119	2	302
86931	259336	<1	2.22	6	45	20	<1	<1	4.07	4	21	109	42	5.08	0.06	11	2.44	831	3	0.06	81	1054	127	<5	<5	0.07	<10	148	<100	1	88
86932	259337	<1	2.01	3	46	31	<1	2	3.09	<4	20	74	46	4.65	0.13	10	1.90	654	5	0.06	69	883	133	<5	<5	0.06	<10	103	<100	<1	55
86933	259338	<1	0.94	6	52	34	<1	2	4.94	<4	9	170	28	2.58	0.12	3	1.16	631	3	0.06	33	483	66	<5	<5	0.06	<10	170	<100	<1	23
86934	259339	<1	1.91	4	47	69	<1	6	4.06	<4	17	55	46	4.08	0.28	8	1.82	651	6	0.05	61	887	105	<5	<5	0.06	<10	132	<100	2	33
86935	259340	<1	1.75	3	46	42	<1	<1	3.56	<4	17	60	46	4.01	0.17	8	1.73	586	6	0.04	61	870	92	<5	<5	0.05	<10	113	<100	<1	34
86936	259340	<1	1.75	4	51	41	<1	5	3.55	<4	17	61	44	3.99	0.17	8	1.73	581	7	0.04	61	866	103	<5	<5	0.05	<10	113	<100	2	34

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Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

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86937	259341	<1	1.68	5	47	63	<1	1	6.35	<4	16	54	39	3.76	0.26	7	1.68	786	13	0.04	56	906	110	<5	<5	0.06	<10	259	<100	1	26	<10	7	70
86938	259342	<1	2.07	4	45	57	<1	2	3.96	<4	19	63	46	4.53	0.24	10	2.22	718	8	0.05	69	1002	111	<5	<5	0.06	<10	125	<100	1	35	<10	5	80
86939	259343	<1	2.00	6	46	62	<1	8	5.84	<4	19	54	40	4.50	0.28	9	1.98	768	5	0.04	62	1042	107	<5	<5	0.07	<10	174	<100	<1	31	<10	5	80
86940	259344	<1	2.00	5	51	64	<1	10	>10.00	<4	15	61	30	3.84	0.27	9	1.40	1090	5	0.03	49	716	81	<5	<5	0.08	<10	377	<100	3	29	<10	7	68
86941	259345	<1	2.42	4	51	65	<1	7	4.70	<4	21	61	40	4.93	0.26	12	1.86	741	6	0.04	67	1070	110	<5	<5	0.07	<10	154	<100	<1	43	<10	5	82
86942	259346	<1	2.76	6	63	12	<1	3	3.67	4	21	111	48	5.24	0.04	19	2.21	674	4	0.06	73	1137	124	<5	<5	0.07	<10	119	<100	<1	95	<10	4	83
86943	259347	<1	1.88	3	53	18	<1	6	7.67	<4	15	77	36	3.77	0.06	12	1.56	819	3	0.04	48	713	110	<5	<5	0.05	<10	239	<100	1	62	<10	4	65
86944	259348	<1	2.58	6	60	12	<1	4	3.42	4	20	107	47	5.16	0.04	17	2.11	707	3	0.06	72	1138	123	<5	<5	0.07	<10	109	<100	<1	89	<10	4	82
86945	259349	<1	2.10	3	48	39	<1	4	4.28	4	18	79	33	4.98	0.19	11	1.82	892	5	0.04	55	1082	106	<5	<5	0.05	<10	99	<100	2	38	<10	4	80
86946	259350	<1	0.48	4	53	51	<1	<1	>10.00	<4	4	685	44	1.80	0.11	2	0.31	1380	4	0.06	12	280	58	5	<5	0.10	<10	331	<100	3	7	<10	7	36
86947	259350	<1	0.48	4	53	54	<1	<1	>10.00	<4	4	665	46	1.79	0.11	1	0.32	1378	4	0.06	11	279	53	<5	<5	0.10	<10	331	<100	3	7	<10	7	38
86948	259351	<1	2.43	4	52	47	<1	8	3.18	<4	13	57	34	4.90	0.22	13	1.16	537	7	0.04	16	1214	109	<5	<5	0.04	<10	86	<100	<1	21	<10	7	109
86949	259352	<1	3.37	7	47	12	<1	9	3.50	5	14	59	25	7.90	0.11	18	1.17	1232	11	0.04	25	1050	214	<5	<5	0.06	<10	78	<100	<1	34	<10	8	115
86950	259353	<1	0.56	5	44	18	<1	3	8.29	<4	3	545	11	1.92	0.07	1	0.19	1826	5	0.07	12	150	52	<5	<5	0.14	<10	202	<100	4	6	<10	5	30
86951	259354	<1	3.12	5	45	15	<1	9	4.20	5	12	60	28	7.25	0.15	15	0.96	1388	11	0.06	23	1098	173	6	<5	0.08	<10	92	<100	<1	29	<10	8	101
86952	259355	<1	3.21	5	46	18	<1	8	5.24	5	13	58	23	7.51	0.17	15	0.88	1643	11	0.04	24	1070	203	<5	<5	0.07	<10	113	<100	<1	27	<10	9	100
86953	259356	<1	2.19	5	48	23	<1	7	6.15	5	12	197	25	6.06	0.22	9	0.54	1738	9	0.05	20	659	154	<5	<5	0.05	<10	143	<100	1	21	<10	7	75
86954	259357	<1	2.97	5	47	12	<1	7	4.39	5	12	38	22	7.32	0.12	14	0.79	1561	10	0.03	23	1069	176	5	<5	0.04	<10	93	<100	3	26	<10	8	99
86955	259358	<1	1.10	4	48	40	<1	3	2.65	<4	14	92	16	2.82	0.25	9	0.60	610	6	0.06	20	811	77	10	<5	0.04	<10	52	<100	<1	6	<10	7	183
86956	259359	<1	1.86	5	45	47	<1	4	3.58	<4	19	125	53	4.46	0.22	12	2.13	784	4	0.06	90	860	103	6	<5	0.04	<10	89	<100	<1	34	<10	5	101
86957	259360	<1	0.47	3	53	24	<1	3	3.21	<4	6	340	80	1.77	0.12	1	0.77	438	2	0.04	25	252	50	<5	<5	0.03	<10	79	<100	<1	9	<10	2	42
86958	259360	<1	0.46	4	54	24	<1	6	3.23	<4	6	362	79	1.78	0.12	1	0.78	442	2	0.04	25	261	50	<5	<5	0.03	<10	80	<100	<1	8	<10	3	40

Certified By: 
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86959	259361	<1	1.46	5	47	38	<1	<1	4.08	<4	21	124	42	4.32	0.19	7	1.97	699	5	0.06	100	809	105	<5	<5	0.06	<10	93	<100	<1	31	<10	4	67
86960	612337	<1	2.54	7	52	23	<1	<1	3.32	<4	20	85	82	3.84	0.10	14	1.80	638	3	0.05	57	817	113	<5	<5	0.05	<10	88	3013	<1	61	<10	8	73
86961	612356	<1	0.66	3	38	26	<1	5	5.18	<4	29	25	37	4.76	0.09	1	1.35	700	6	0.12	32	997	112	<5	<5	0.03	<10	67	102	<1	31	<10	3	93
86962	612357	<1	0.91	7	32	33	<1	2	5.05	<4	21	37	24	3.06	0.18	<1	0.51	501	4	0.21	22	1085	79	<5	<5	0.04	<10	84	<100	<1	28	<10	4	58
86963	612358	<1	0.92	3	33	33	<1	3	5.18	<4	20	45	32	3.04	0.16	<1	0.58	542	4	0.19	21	964	79	<5	<5	0.05	<10	81	<100	<1	20	<10	4	63
86964	612359	<1	0.92	5	35	25	<1	1	5.50	<4	23	24	34	3.43	0.11	1	0.65	568	5	0.16	26	1089	89	<5	<5	0.04	<10	79	<100	<1	33	<10	4	77
86965	612366	<1	3.71	10	56	8	<1	11	5.32	7	35	38	45	>10.00	<0.01	17	2.21	1446	13	0.04	27	1491	269	6	<5	0.08	<10	174	373	1	227	<10	11	130
86966	612367	<1	3.24	6	49	4	<1	11	5.17	6	32	63	67	8.88	<0.01	16	2.20	1306	9	0.03	29	1155	225	6	<5	0.05	<10	172	341	<1	193	<10	10	123
86967	612368	<1	4.18	8	55	7	<1	14	6.14	5	35	114	54	8.20	<0.01	21	2.70	1294	9	0.04	68	972	205	<5	<5	0.08	<10	205	190	<1	182	<10	8	99
86968	612369	<1	2.97	6	53	54	<1	8	3.95	4	25	44	35	5.99	0.10	14	1.57	1258	7	0.06	27	1081	134	<5	<5	0.07	<10	110	<100	<1	90	<10	5	105
86969	612369	<1	2.85	6	53	53	<1	12	3.81	4	23	43	32	5.77	0.10	13	1.51	1215	8	0.06	26	1045	139	5	<5	0.06	<10	106	<100	<1	87	<10	5	101
86970	612370	<1	3.37	6	47	64	<1	7	4.23	4	25	36	28	5.94	0.19	17	1.92	1024	7	0.05	24	955	145	<5	<5	0.04	<10	127	<100	<1	65	<10	5	104
86971	612371	3	2.68	23	49	60	<1	11	3.59	6	25	60	35	5.47	0.14	14	1.62	974	7	0.06	33	890	129	<5	<5	0.07	<10	94	<100	3	60	<10	4	734
86972	612372	<1	2.58	17	45	78	<1	9	3.96	4	27	44	43	5.74	0.21	12	1.91	1111	8	0.08	28	974	127	<5	<5	0.05	<10	93	<100	<1	59	<10	4	141
86973	612373	<1	2.28	9	44	21	<1	5	2.84	4	20	55	34	5.33	0.05	12	2.00	1282	4	0.10	21	924	122	<5	<5	0.05	<10	96	<100	<1	73	<10	3	147
86974	612374	<1	2.85	17	41	33	<1	9	3.18	5	29	47	68	6.76	0.07	13	1.76	1288	9	0.11	28	1064	166	<5	<5	0.06	<10	99	<100	2	91	<10	4	98
86975	612375	<1	2.45	8	42	23	<1	4	4.04	4	26	54	39	5.59	0.05	11	1.19	1223	7	0.08	28	924	123	<5	<5	0.07	<10	115	<100	2	83	<10	4	70
86976	612376	<1	2.61	7	49	19	<1	3	3.25	4	22	39	9	5.44	0.04	13	1.32	1139	6	0.08	23	942	120	<5	<5	0.07	<10	87	<100	<1	97	<10	4	77
86977	612377	<1	3.30	11	45	14	<1	10	3.69	5	28	40	30	6.95	0.03	17	1.65	1588	8	0.07	30	862	170	<5	<5	0.05	<10	88	<100	2	100	<10	5	67
86978	612378	<1	2.65	16	43	19	<1	7	3.60	4	22	49	38	6.02	0.05	13	1.20	1211	8	0.12	28	940	145	5	<5	0.08	<10	86	<100	<1	86	<10	5	53
86979	612379	<1	2.26	8	44	26	<1	3	4.80	<4	17	45	18	4.55	0.05	10	0.93	1403	6	0.12	23	942	102	<5	<5	0.07	<10	116	<100	1	76	<10	5	50
86980	612379	<1	2.35	7	42	28	<1	8	4.99	<4	17	47	20	4.67	0.06	10	0.97	1455	6	0.13	24	969	103	<5	<5	0.07	<10	120	<100	3	78	<10	6	50

Certified By: 
Derek Demianiuk, H.Bsc.



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

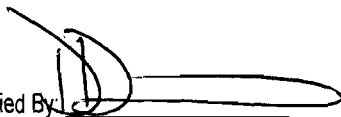
Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

MPH Consulting Ltd.
Date Created: 07-05-14 08:40 AM
Job Number: 200741109
Date Received: 4/25/2007
Number of Samples: 132
Type of Sample: Core
Date Completed: 5/11/2007
Project ID:

- * The results included on this report relate only to the items tested
- * This Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.
- * The methods used for these analysis are not accredited under ISO/IEC 17025

Accur. #	Client Tag	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
86981	612380	<1	2.97	13	47	26	<1	4	3.16	5	26	45	28	6.34	0.04	16	1.54	1242	9	0.09	29	1020	150	<5	<5	0.08	<10	81	<100	<1	103	<10	5	80
86982	612381	<1	2.47	19	51	58	<1	5	6.44	4	21	42	43	5.31	0.07	12	1.29	1632	7	0.10	26	955	124	<5	<5	0.08	<10	197	<100	1	75	<10	6	78
86983	612382	<1	2.75	14	49	84	<1	7	4.84	5	24	34	42	5.67	0.08	15	1.53	1522	7	0.06	29	1000	136	5	<5	0.07	<10	145	<100	<1	78	<10	5	184
86984	612383	<1	2.46	8	49	5	<1	9	5.61	<4	28	206	36	4.12	<0.01	9	2.01	956	1	0.04	61	907	95	<5	<5	0.09	<10	126	4521	2	79	<10	5	69
86985	612384	<1	2.48	6	45	19	<1	6	2.99	<4	22	110	44	4.11	0.06	12	1.55	630	2	0.06	55	766	93	5	<5	0.07	<10	102	4300	2	65	<10	7	76
86986	612385	<1	2.32	7	43	22	<1	<1	2.50	<4	20	94	46	3.75	0.07	12	1.58	560	2	0.05	54	778	77	5	<5	0.07	<10	72	3590	<1	56	<10	6	73
86987	612386	<1	2.31	6	44	9	<1	<1	2.57	<4	19	84	24	3.91	0.03	13	1.65	623	2	0.02	54	726	89	<5	<5	0.04	<10	60	2700	<1	55	<10	5	72
86988	612387	<1	2.66	5	50	20	<1	2	3.06	<4	18	99	38	4.19	0.08	16	1.93	616	3	0.05	59	820	100	<5	<5	0.08	<10	79	565	1	59	<10	8	76
86989	612388	<1	2.48	6	44	15	<1	6	3.44	<4	17	80	45	4.42	0.08	14	1.66	668	5	0.04	54	784	104	<5	<5	0.05	<10	91	<100	1	54	<10	6	73
86990	612389	<1	2.36	4	42	23	<1	7	4.48	<4	15	79	37	4.37	0.09	11	1.50	737	5	0.03	53	809	104	<5	<5	0.07	<10	144	<100	<1	45	<10	4	67
86991	612389	<1	2.46	5	45	24	<1	8	4.60	<4	16	82	38	4.52	0.09	12	1.57	753	4	0.03	55	830	100	<5	<5	0.07	<10	147	<100	<1	47	<10	4	67
86992	612390	<1	2.52	6	47	28	<1	9	3.15	<4	17	92	39	4.17	0.08	14	1.97	647	3	0.06	59	862	111	<5	<5	0.08	<10	114	<100	<1	63	<10	3	72
86993	612391	<1	2.37	4	46	21	<1	3	3.74	<4	16	79	35	3.87	0.07	15	1.72	629	3	0.03	58	853	84	<5	<5	0.05	<10	127	<100	<1	50	<10	3	70

Certified By: 
Derek Demianiuk, H.Bsc.