# ACREX-MONETA MICHAUD JV

## Assessment Report

## 2006-2007 Michaud Township Drill Program

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**Associated Data Volume**

## Introduction

The Michaud JV Project's potential for developing significant gold resources through exploration is being realized by the drilling successes (2004-2005) on the *'55'* and *Western Zones* and the recent 2006-7 Dyment 3 program and additional results from the 55 Zone. A drill program started in 2006 was completed in 2007 on the Dyment 3. Total meterage is 2543m.

The identified gold mineralization is found in the same geological setting of Timiskaming sediments as the Southwest Zone (collectively South, Southwest, 04, and 04 Extension Zones) with a inferred historical resource of 3.25 million tonnes averaging 5.98 g/t gold over an average width of 3.8 meters equating to 624,500 ounces gold as modelled by Barrick Gold (Moneta Meixner report filed on SEDAR, April 21, 2005).

## Property Description and Location

The Michaud JV Property is located in northeastern Ontario within NTS block 42 A/09 and consists of is a large mining claims package in Michaud Township. All claims and claim units are 100% owned by the JV partners (Moneta and Acrex) except for the St Andrew Goldfields Dyment 3 option.

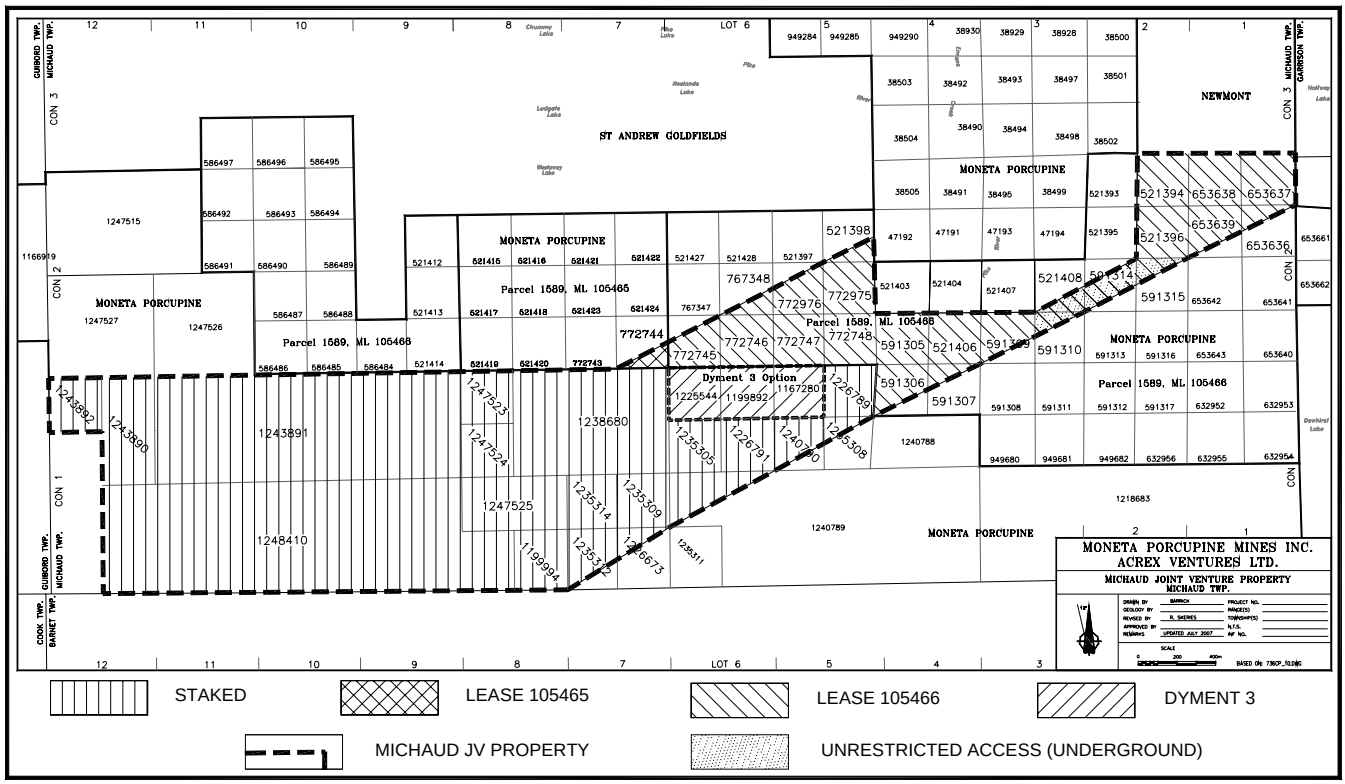



**Fig.: 1: - Michaud JV Property**

## Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Michaud Project property lies approximately 35 km east along Highway 101 from Matheson, Ontario and is accessed southerly over an extensive network of logging and drilling roads of varying quality. The bulk of the area is primarily muskeg and generally poorly drained with primary drainage by way of the Pike River and its tributaries. Topography is generally flat

with less than 25 metres of relief. Vegetation consists of low stands of black spruce, alder, birch, and pine. Drilling operations are best carried out over the winter months from January to early April when the ground is frozen or mid-summer to late fall.

The climate is typical of northeastern Ontario with below freezing temperatures ($-5^0$ to $-40^0$ C) from November to April and brief periods of hot weather in the summer from $10^0$ to $30^0$ C. Precipitation averages 80 centimetres a year, with a substantial portion in the form of snow averaging 2.4 metres per year.

A skilled labour force for mining and exploration is available in Matheson, Kirkland Lake and Timmins. Timmins and Kirkland Lake are also major supply and service centers for the mining industry. Communications and power are available along Highway 101 and cell phone coverage extends to the property. The JV is not aware of any restrictions beyond those covered by existing legislation and regulation with respect to potential tailings and disposal sites should future development take place.

## History

The first recorded claims in the area were staked in 1944 as a consequence of an Ontario Department of Mines report which suggested that the Destor-Porcupine Fault Zone (DPFZ) passed through the core Moneta property (patents) in Michaud Township. Various portions of the property have been held by a succession of companies since that time.

Prior to 1998, Moneta held a northern parcel of claims called the “Michaud Parcel”, and a southern block of claims under option from Nufort Resources Inc., known as the “Nufort Leases”. Moneta’s land position was primarily acquired through staking and by a series of joint venture agreements in the late 1980s. Subsequent to 1998, Moneta assumed a 100% interest in both the Michaud and Nufort leases extinguishing all underlying encumbrances. During 2001 to 2004, Acrex Ventures completed diamond drilling (*Southwest Zone*, *“55” Zone* and *Western Zone* areas) and ground geophysics (mag and IP on *“55”* and *Western Zones*) vesting in a portion of the Moneta property covering primarily the Timiskaming sediments. The details of this work and results are documented in 43-101 technical reports posted on SEDAR under both Acrex Ventures Limited and Moneta Porcupine Mines Inc.

In 2005, the Michaud Joint Venture drilled additional holes on the *“55” Zone* (2,142m in six holes) bringing the total number of holes into the zone to 18.

In 2006, 5 holes were drilled totaling 1,117 metres on the Dyment 3 option, between the Dyment 3 option and the 55 Zone, and on the 55 Zone itsself (this report).

In early 2007, a 5 hole program testing the Dyment 3 option was completed with 1426 metres of diamond drilling (this report).

## Geological Setting

### Regional Geology

The Golden Highway Project is located in the western Archean Abitibi Greenstone Belt, comprised of mafic to ultramafic volcanic assemblages which contain or are bounded by sedimentary basins. Syn-volcanic to post-tectonic felsic to ultramafic intrusives are common in the volcano-sedimentary assemblage. Late Proterozoic dykes cut all units.

The Abitibi Greenstone Belt in this region can be subdivided into 3 main stratigraphic groups: the Kidd-Munroe (north), Porcupine (central) and the Kinojevis (south). The Kidd-Munro Group consists primarily of ultramafic and iron tholeiite. The Porcupine Group is composed of sediments including sandstone, siltstone, argillite, conglomerate and iron formation. The Kinojevis Group is characterized by Mg and Fe rich basalts overlying the Porcupine sediments. The contacts between these groups are usually defined by major structures such as the Destor Porcupine Fault Zone. This regional deformation zone is a key geological feature hosting numerous and geologically varied gold deposits in this part of the Abitibi Greenstone Belt.

The area is largely covered with overburden, mostly sands associated with the Munro Esker complex. A few outcrops are located in the centre of the Michaud Parcel (*Miller Zone* area) and on the southeastern part of the Nufort Leases south of the Pike River.

Within and around Michaud Township, three sequences of strata are predominant, together with an alkalic intrusive suite of plutons, consisting of syenite, monzonite and granite. All rock types have been metamorphosed to greenschist facies.

The oldest sequence consists of mafic to ultramafic flows or intrusions that are variously pillowed, polysutured or spinifex textured as well as being schistose. The ultramafics occur north of the DPFZ. Moderate to intense chlorite, talc and carbonate alteration is present. Interlayered with ultramafic flows are basalts that are massive to brecciated and occasionally pillowed. The basaltic komatiites and komatiites form a significant component of this sequence that may be disconformable or in fault contact with the overlying mafic volcanics or younger Timiskaming clastics. The mafic to intermediate volcanics are the most extensive assemblage exhibiting a variety of volcanic flows with lesser tuffs, tuff breccias, and pyroclastic breccias.

Younger rocks consist of a sequence of chemical metasedimentary rocks which include iron formation (oxide, sulfide, silicate (chert) and graphite facies) that may be a discrete sub-unit of the Timiskaming clastics. Timiskaming clastics include arenites, wackes, conglomerates, mudstones and siltstones. They appear to refelect a fault bounded half-graben grading from a hematite-chert iron formation (BIF) southwards into pyritiferous greywackes and fine sandstones. The greywacke is typically green-grey, fine-grained, massive to well bedded. Some argillite beds have been intersected. Conglomeratic greywacke is present throughout and is grey to pink-grey, medium grained and well bedded with 15% sub-angular to sub-rounded lithic fragments of quartz with lesser feldspar, argillite, jasper and mafic fragments averaging about 3 mm. This unit is from 500m to 900m thick.

The banded iron formation comprises three distinct zones of very fine grained and prominantly bedded jasper, magnetite, or hematite iron formation often interbedded with centimetre to metre bedded greywacke beds. The rock is typically strongly silicified and hematized. Pyrite is present locally in concentrations of 5% to 10% as veins and fine disseminations. This unit is typically 10m to 100m thick.

The JV property tracks the Destor-Porcupine Fault Zone, the most prolific gold – bearing structure in this part of the belt and numerous splays associated with it. In the vicinity are the Holt McDermott Mine (1.37 Moz Au production to 2004/2006 from 7.28 Mt @ 5.84 g/t Au), and the Holloway Mine (0.93 Moz Au production to April 2006 from 4.94Mtn @ 5.87 g/t Au). The Holt-McDermott Mine and Mill was operated by Barrick Gold, but was placed on care and maintenance in 2004, to be subsequently sold to Newmont and referred to as the Number 3 shaft. This Holloway Mine complex and surrounding mining lands were then sold to St Andrew Goldfields at the end of 2006. Other than the DPFZ, other through-going documented structures in the area are the Pipestone/Munro/Contact faults/splays trending NW then E, north of the

DPFZ, and the Arrow Fault trending east-westerly. On a local scale, numerous faults have been interpreted from core and geophysical interpretations with minor strike displacements – slip displacements remain unknown. These faults can typically be east-westerly and at high angles to the DPFZ. Folds are not well defined, however, multiple BIF horizons and changes in dip from drill information suggests isoclinal folds in the Timiskaming clastic sediments and BIF.

Property Geology

The DPFZ volcanics are in the northern portion of the JV property as a variably altered and deformed sequence of intercalated komatiites and tholeiitic basalts, which are generally bounded by talc-chlorite schists except to the east and south (*Southwest Zone*) where Timiskaming type metasediments are found. Alteration when present, is dominantly green carbonate and characteristic of the komatiites, with ankerite, sericite, silica, and albite reflecting the more basaltic component. The basalts are traceable over some of the DPFZ structure, and generally when altered, have an elevated gold background and host numerous gold zones on adjacent property.

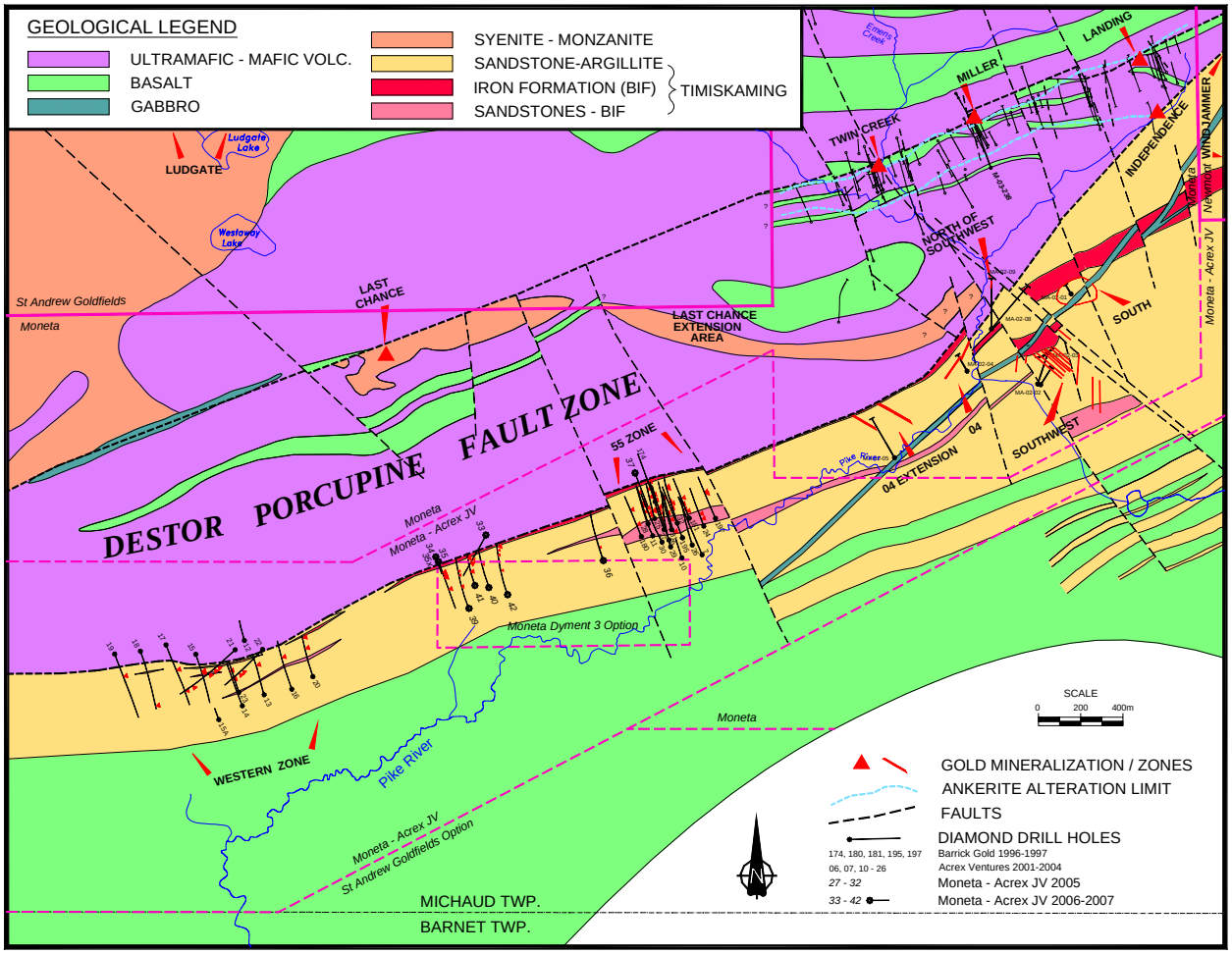



**Fig.: 2 - Michaud JV Property Window**
**Geology with Drill Hole and Zone Locations**

## Target Mineralization

Several gold mineralization settings have been discovered in the Michaud Project:

1) Mineralization hosted by altered ultramafic and mafic volcanic rocks occurs along the DPFZ. Typically, the zones in volcanics exhibit quartz carbonate veining in high strain zones usually silicified and carbonatized with subordinate hematite, sericite, and albite. Calcite is commonly replaced by ankerite which can also define an alteration halo enclosing the main structures. Gold values are typically associated with 2% to 5% very fine pyrite and occasional visible gold. No significant gold zones in this setting have been discovered on the JV property.

2) Mineralization associated with clastic sediments and/or BIF is principally in the *Southwest Zone* (*South, Southwest, 04,* and *04 Extension Zones*). Also included are the *"55"*, *Dyment 3* and *Western Zones*. Variably intense silicification and sericitization with hematitzation is common within mineralized zones that are also characterized by intense brecciation and fractures filled by quartz-pyrite veinlets and stockworks of quartz up to 10% in volume. Elevated gold values have been assayed from these mineralized breccia zones. Several vein orientations have been documented.

3) Mineralization hosted by syenite is found in the lower of two porphyritic syenite intrusives in contact with unaltered ultramafic and mafic rocks on the south side of the DPFZ on the Nufort Lease (*Last Chance Zone*). The syenite has a bleached and albitized core enveloped by a hematized zone. Scattered clots and disseminations of pyrite up to 5% are common. Gold is concentrated in zones of narrow quartz carbonate stringers. Less pervasively altered but tectonized syenite of the *Last Chance Extention Zone* shows a contact zone to the ultramafics characterized by a 24 metre wide microfractured breccia zone with abundant disseminated and pyrite stringers with scattered weakly anomalous gold values. A small portion of the Last Chance Extension Zone may be cutting across the most northern central corner of the JV property.

## Drill Program 2006-2007

In 2006, 5 holes were drilled totaling 1,117 metres on the Dyment 3 option, between the Dyment 3 option and the 55 Zone, and on the 55 Zone itsself. In early 2007, a 5 hole program tested the Dyment 3 option with 1426 metres of diamond drilling.

## "55" Zone

To-date, only 19 drill holes (7,074 metres) have been completed in the *"55" Zone* (2006/2005 Michaud Joint Venture program: 1/6, Barrick: 5, Acrex: 7) with significant gold mineralized intervals as reported previously. Numerous instances of visible gold have been noted and metallic assays completed. The programs have added to the existing 100 ft. (30 metre) sections and advanced the potential of the "55" Zone. However, additional drilling, potentially at northeasterly/southwesterly azimuths, is necessary to interpret the controlling structures and develop an understanding of the intersected mineralization.

The "55" Zone drill program continues to follow up on encouraging results from previous drill holes. Further drilling took place in 2006 with MA-06-37. MA-06-36 is included as an 800 ft. western stepout of the "55" Zone.

The "55" Zone results indicate the possibility of several gold bearing zones within a mineralized

system currently extending for 350 meters along strike. Gold mineralization is found within a restricted window of variably altered Timiskaming sediments tracking footwall ultramafics of the greater DPFZ immediately to the north. Scattered narrow syenite dykes have also been intersected within this window. This northern contact is typically marked by narrow hematite and magnetite (rare) banded iron formation. An increase in lamprophyre dykes has also been noted in the contact area. The southern limit appears to be a relatively unaltered and intercalated purplish hematitic iron formation/chloritic greywacke-sandstone hanging-wall sequence.

Gold zones may contain a combination of quartz and quartz/feldspar stringers, veins and stockworks, all with variable orientations ranging from subparallel to high-angle relative to the core axis. The altered wallrock is predominantly and pervasively sericitized and carbonatized usually over several metres. Mineralized zones are typically defined by a lower grade sericite and carbonate alteration halo. Pyrite is often 3% to 5% up to 10% finely disseminated and in coarser grained subhedral aggregates often localized along microfractures, quartz stringers and boudins. Potassic and hematitic alteration halos have also been noted, as has rare visible gold and accessory molybdenite and chalcopyrite. Gold tenor, notwithstanding the essential presence of quartz veining, is generally determined by alteration intensity and pyrite content.

**MA-06-36** (311m), JV drill hole completed between the Dyment 3 option and “55” Zone as a 800ft. stepout to the west. The only significant gold value intersected was 2.28 g/t over 1.30 m despite the primary target stratigraphy being dyked out, and the Timiskaming/ultramafic contact was not found.

**MA-06-37** (299m), drilled as a scissor hole to the section defined by MA-05-25. Several alteration zones were intersected returning gold values ranging from 0.95 to 1.76 g/t over widths of 3.00 to 6.22 metres. Individual assays within theses zones range from1.79 to 6.86 g/t over 0.80 to 0.32 metres. An isolated intersection returned a value of 57.18 g/t Au over 0.31 metres.

## Dyment 3

In 2006 the Michaud JV continued their exploration efforts testing the Dyment 3 option by way of a 1,117 metre 5 hole diamond drill program. Due to the lateness of that winter drilling, only a limited drill footage (302m in 3 partially completed drill holes: MA06-33/34/35) could be completed. Drill results were encouraging and confirmed the continuity of the regional geologic stratigraphy and established the first presence of gold mineralization.

The 2007 drill program consisted of five drill holes totaling 1,426 metres. Drilling completed MA-06-35 as MA-07-35x utillizing the existing casing, and holes MA-07-39 to 42 primarily on the option. The drill holes were spaced approximately 60 metres apart along the strike of the ultramafic contact. Drill collars were staggered to intersect and cross the targeted sedimentary corridor near the ultramafic contact at depths ranging from approximately 75 to 200 metres. Holes typically flattened and rotated easterly resulting in azimuths becoming increasingly northerly. All azimuths were grid north or south - 340°/160° and dips -50°.

No change in previously drilled geology was encountered. The results reflect quartz and quartz-carbonate veins and stringers of varying widths and orientations, often hosted within larger alteration zones with elevated gold values in the range of 0.25 to 0.50 grams per tonne (g/t). Noticeably more syenite dykes(?) or potentially quartz feldspar porphyry, often pervasively hematized moderately sericitized, and blocky intervals (fault zones) were intersected close to the ultramafic volcanic(s)/Timiskaming sediment contact. Although fractured and altered no significant gold values were found. The syenite may continue to the west of the Dyment 3 option

where additional faulting is postulated – MA-07-39 had the widest and most altered intersections as well as the best overall gold results. Summary results are over drilled widths and include gold metallic assay results.

**MA-06-33** (343m), advanced far enough into the target stratigraphy before being abandonned in a sand seam. The hole was drillled southwesterly in order to cross both stratigraphy and potential westerly to northwestly trending vein systems/faults.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-06-33 | 210.20 | 210.62 | 0.42 | 1.23 |
| | 238.85 | 240.00 | 1.15 | 3.37 |
| | 242.45 | 245.00 | 2.55 | 2.08 |
| Including | 242.45 | 242.95 | 0.50 | 7.51 |

**MA-06-34** (104m), collared in the ultramafic volcanics and drilled southeasterly into the Timiskaming sediments but had to be abandonned at 104 metres due to caving ground. The location of the sediment/ultramafic contact was defined. No signifcant gold values were found in the short iron formation/greywacke interval drilled.

**MA-06-35/-07-35x** (323m), drilled ahead of MA-06-34, was to planned to hit bedrock in the sediments and continue. Only the casing was completed to a depth of 60 metres before the thawing ground could no longer support the drill. This hole was completed as MA-07-35x during the following winter program.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-07-35X | 85.70 | 88.40 | 2.70 | 1.04 |
| Including | 85.70 | 86.40 | 0.70 | 2.08 |
| | 102.90 | 103.90 | 1.00 | 2.18 |
| | 117.40 | 117.60 | 0.20 | 2.73 |
| | 123.10 | 123.50 | 0.40 | 5.04 |
| | 129.30 | 130.00 | 0.70 | 2.10 |
| | 206.00 | 209.20 | 3.20 | 1.06 |
| Including | 206.00 | 206.60 | 0.60 | 3.12 |

**MA-07-39** (347m), was drilled as scissor hole to MA-07-35x with a 60m easterly offset. The expected sequence of sediments with minor iron formation was intersected. A pervasively altered syenite body was intersected over a drilled width of approx 15m and may represent a dyke cut at a relatively low angle.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-07-39 | 160.70 | 161.60 | 0.90 | 1.29 |
| | 167.60 | 168.30 | 0.90 | 1.79 |
| | 237.70 | 238.75 | 0.95 | 1.09 |
| | 262.90 | 263.70 | 0.80 | 1.31 |

**MA-07-40** (257m), stepped easterly ~120m with generally poorest results.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-07-40 | 164.60 | 165.10 | 0.50 | 1.43 |

**MA-07-41** (209m), was collared between MA-07-39 and 40 and successfully intersected the best gold value/zone found in MA-06-33 at a shallower level.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-07-41 | 95.10 | 96.60 | 1.50 | 4.70 |
| | 176.30 | 176.60 | 0.30 | 2.01 |
| | 187.00 | 187.70 | 0.70 | 1.19 |

**MA-07-42** (350m), the most easterly hole was continued until it intersected the ultramafic contact crossing the northern option boundary. It also appears to have intersected the vein system close to the ultramafic contact.

| DDH | From (metres) | To (metres) | Width (metres) | Gold (g/t) |
|---|---|---|---|---|
| MA-07-42 | 181.00 | 182.00 | 1.00 | 1.50 |
| | 282.70 | 283.70 | 1.00 | 1.06 |
| | 310.90 | 311.80 | 0.90 | 1.30 |
| | 335.50 | 335.97 | 0.47 | 4.69 |

## Conclusions And Recommandations

The drill program results continue to confirm the pervasive nature of gold mineralization in the area in the Timiskaming sediments in contact with ultramafic volcanics immediately south of the Destor-Porcupine Fault Zone. This geological setting hosts several nearby discoveries such as Moneta's Southwest Zone and Windjammer South to the east.

The Dyment 3 option drilling intersected gold values typical for the setting including discrete veins and alteration zones. Although gold mineralization was found the overall tenor appears low and the greater potential may be more immediately to the west where a structural break is postulated. Significantly, the most westerly drill hole MA-07-35x has the best overall gold response. No futher work beyond final interpretation to determine vein and alteration zone orientation is recommended at this time. Magnetic breaks to the south should be reviewed based on results obtained elsewhere along the southern contact.

Timiskaming hosted gold mineralization may also occur in the relatively untested eastern area of the JV property. Positive results from programs on the immediately adjacent properties would warrant work in this area.

## References

**Bevan, P.A.:** 1999; A Report on the Exploration Potential of the Moneta and Nufort Blocks, Michaud Township, N. Ontario, NTS 42 A/09, for Moneta Porcupine Mines Inc. and Nufort Resources Inc.

**Caldbick, Peter** and **Skeries, Rainer:** 2002; Acrex Ventures Ltd., 2002 Exploration Summary, Michaud Township, Moneta Option, internal report for Moneta Porcupine Mines Ltd.

**D. Mayes:** 1991; A Report on the Drilling Program Moneta-Michaud Property Michaud Township, North-eastern Ontario

**H. Meixner:** 2001; 2004; 2003-2004 Drilling Report on the Michaud Gold Property Michaud Township, Ontario; Larder Lake Mining Division - Michaud Township

**Southampton Associates Inc.:** 1998; The Michaud Property of Moneta Porcupine Mines Inc.

## Appendix 1 Drill Logs

DRILL HOLE RECORD

Northing: 8387
Easting: 8389
Elevation: 316

Collar Azi.: 206.0
Collar Dip: -50.0

Hole length: 343.00
Units: Metric
Core size: NQ
Materials left: Casing 63m

Collar survey: GPS/grid
DH Survey method: Reflex
Grid: Imperial '87, recut '96/02

Comments: Casing broken, hole cemented, hole lost in sand seam, casing makes water
Logged by: H.Daxl
Date(s) logged: July 1-4,'06
Purpose: Test stratigraphy/structure Dyment3
Core storage: Moneta facility, Timmins

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 71 | 208.0 | -47.9 |
| 89 | 209.0 | -48.4 |
| 131 | 210.0 | -48.9 |
| 170 | 210.0 | -48.9 |
| 272 | 209.0 | -46.4 |

Drill Hole: MA-06-33

Project: Dyment 3
Property: Michaud
Claim: ML 105466, L 1225544
Northing: 34+50 S
Easting: L 84 W
GPS Northing: 5368387 (NAD 27)
GPS Easting: 568389 (NAD 27)
Date Started: April 24, 2006
Date completed: May 3, 2006
Drilled by: Norex
Sample type: Cut core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 15130-1,34772-805
Sample Series FA: 34809-821/830
FA Report: 6W-2041/2042/2235-RA1
FA Report cont'd:
Metallics Rept:
Check Lab: L'Expert
Check Assay Rept: 14155

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 63.00 | OVERBURDEN<br>Casing left in hole and capped, cutter full of cement. | | | | | | | | | | |
| 63.00 | 81.00 | TALC-CHLORITE SCHIST/KOMATIITE<br>Magnetic serpentinite, crushed.<br>Dark gradationally, fine-grained, variably serpentinized to h 3-6.<br>Often crackled to crushed with serpentine matrix and plating.<br>Locally with minor calcite.<br>Mostly moderately to strongly magnetic.<br>No fizz reaction to 10% HCl, 30% core loss through grinding.<br>Barren.<br>70.00 77.00 Fault zone, mostly very broken core, rqd above and below is some 30% including local grinding. Possibly some 45 degrees to core axis, barren.<br>72.00 Test pulp 689, avg. Of 2 2.46 g/t gold. | 34772<br>34774 | 72.00<br>72.00 | 72.00<br>73.00 | .00<br>1.00 | 2.09<br>.01 | | | | | |
| 81.00 | 93.80 | DIABASE<br>Medium gradationally with olive tinge due to plagioclase, 2mm grained with finer margins, massive.<br>H 5 but serpentinized to h 3 towards sharp contacts.<br>Nonmagnetic, no fizz, rqd 90%, barren.<br>82.20 83.00 Magnetic serpentinite xenolith, massive, h 4-5.<br>86.07 86.13 Calcite vein, 3cm thick, 30 degrees to core axis, speck of molybdenite. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 86.36 87.32 Diabase dike, 40 degrees to core axis, very fine, also two more, nonmagnetic. Crosscut by calcite vein set up to 1cm. | | | | | | | | | | |
| | | 89.95 90.55 Used as blank. | 34773 | 89.95 | 90.55 | .60 | .01 | | | | | |
| | | 90.55 90.90 Used as blank. | 34830 | 90.55 | 90.90 | .35 | .02 | | | | | |
| | | 90.90 91.20 Used as blank. | 34896 | 90.90 | 91.20 | .30 | .02 | | | | | |
| 93.80 | 105.70 | TALC-CHLORITE SCHIST/KOMATIITE<br>Magnetic serpentinite, crushed as before.<br>More calcite in crackles, more talcose mostly h 3, locally nonmagnetic (97.50-98.60m).<br>Rqd 75% despite the crackles and local brecciation near 45 tca. Barren. | | | | | | | | | | |
| 105.70 | 109.80 | DIABASE<br>Moderately magnetic where 2mm grained, where also minor fizz. | | | | | | | | | | |
| 109.80 | 123.50 | TALC-CHLORITE SCHIST/KOMATIITE<br>As before. Less crushed below 115m but several up to 1cm calcite veins 45-60 degrees to core axis.<br>H 3 but h 5 at 121.80-123.00m.<br>Moderately magnetic m2-m4. Minor fizz near calcite veins.<br>Rqd 90%. Locally up to 2% pyrite. | | | | | | | | | | |
| | | 116.25 116.55 2% pyrite stringers. | 34775 | 116.25 | 116.55 | .30 | .01 | | | | | |
| | | 116.55 117.20 1% pyrite as up to 1mm cubes, 1 grain chalcopyrite. | 34776 | 116.55 | 117.20 | .65 | .02 | | | | | |
| 123.50 | 129.10 | DIABASE<br>Medium-gray, 2mm-grained fining only upward from 125m, plagioclase tends beige.<br>Massive, h 5-6, 1cm calcite vein 35 degrees to core axis at 124.75m.<br>Moderately magnetic (m3), moderate fizz across featureless downhole contact, rqd 93%, barren. | | | | | | | | | | |
| | | 128.44 128.71 Used as blank, barren, massive, featureless, weakly magnetic. | 34876 | 128.44 | 128.71 | .27 | .00 | | | | | |
| 129.10 | 160.90 | TALC-CHLORITE SCHIST/KOMATIITE<br>As before magnetic serpentinite, crushed.<br>Medium to dark greenish-gray, fine to aphanitic, obliterated by serpentinization to h 3.<br>Mostly crackled to crushed 1-2cm.<br>151.00-152.50 10% Calcite veins up to 2cm, not talcose except for black crackles with minor calcite.<br>Moderately magnetic except at 143.30-146.20 upward form 5cm shear gouge with trace pyrite 20 degrees to core axis, and below 160.30m.<br>No fizz. Rqd 80%. Local trace of up to 5mm pyrite. | | | | | | | | | | |
| | | 148.57 149.00 Chlorite crackles, 5mm dark calcite vein with pyrite, total 0.5% pyrite. | 34880 | 148.57 | 149.00 | .43 | .02 | | | | | |
| 160.90 | 173.50 | SILTSTONE<br>Hematite beds in siltstone, chlorite flasers.<br>Medium green-gray with diffuse lighter bands densely sheared 30-45ca where not kinked towards 0ca.<br>Three up to 50cm thick sharp beds of red hematite, all fine-grained to | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | aphanitic, locally sparse quartz grains, chlorite flasers, h 4-6. 5% Up to 1cm quartz veins and stringers, only kinks, no major folds, core fitted, no repeat by faulting either. Only hematite is moderately magnetic, no fizz, rqd 85-95% downhole, barren. | | | | | | | | | | |
| | | 161.00 164.20 70% hematite, 5% quartz vein, seldom up to 5% pyrite cubes, cored through s-fold. Thickest bed about 50cm thick, others a total of 70cm thick. | | | | | | | | | | |
| | | 161.80 162.30 15% quartz vein at contact, else massive hematite 45-0 degrees to core axis. | 34777 | 161.80 | 162.30 | .50 | .00 | | | | | |
| | | 163.05 163.60 60% hematite, 4% quartz veins across shear, 0.5% pyrite. | 34778 | 163.05 | 163.60 | .55 | .02 | | | | | |
| | | 163.60 164.36 60% hematite, 4% quartz veins. | 34779 | 163.60 | 164.36 | .76 | .00 | | | | | |
| | | 170.80 173.45 25% hematite, 10% quartz veins, locally up to 5% pyrite cubes, cored through 10cm thick massive, and >40cm thick banded hematite bed folded 35 to 0 degrees to core axis. | | | | | | | | | | |
| | | 171.34 171.80 5% hematite, 20% quartz flooding, rare pyrite. | 34780 | 171.34 | 171.80 | .46 | .01 | .00 | | | | |
| | | 171.80 172.50 75% hematite, 15% quartz, 1% pyrite. | 34781 | 171.80 | 172.50 | .70 | .00 | | | | | |
| | | 172.50 173.00 50% hematite as bands 0ca, 0.5% pyrite. | 34782 | 172.50 | 173.00 | .50 | .01 | | | | | |
| | | 173.00 173.60 30% hematite, 5% quartz, 1% pyrite. | 34783 | 173.00 | 173.60 | .60 | .00 | | | | | |
| 173.50 | 221.40 | SILTSTONE | | | | | | | | | | |
| | | Sheared sericitized green-gray sitlstone. Variably green-gray siltstone to graywacke with 20-50% olive-beige to yellow-beige flasers 30-40 degrees to core axis due to sericitization. Sparse quartz grains up to 3mm locally to 200m. No folding. H 5-6 between flasers. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 90%, barren. | | | | | | | | | | |
| | | 173.60 174.43 No visible mineralization. | 34784 | 173.60 | 174.43 | .83 | .00 | | | | | |
| | | 177.35 178.08 15% quartz vein, else silicified and sericitized, trace pyrite. | 34785 | 177.35 | 178.08 | .73 | .00 | | | | | |
| | | 178.08 178.66 Like 34785 but 5 weathered fractures, 10% quartz. | 34881 | 178.08 | 178.66 | .58 | .00 | | | | | |
| | | 178.66 179.10 Like 34785, 20% quartz veins near 70 degrees to core axis and across convolutions. | 34882 | 178.66 | 179.10 | .44 | .02 | | | | | |
| | | 180.87 181.60 40% quartz-albite(?) vein, 10% sericite halo, barren. | 34786 | 180.87 | 181.60 | .73 | .00 | | | | | |
| | | 186.70 187.50 Pink silicified halo, distant. | 34787 | 186.70 | 187.50 | .80 | .02 | | | | | |
| | | 187.50 188.19 Immediate pink silicified and sericitized halo including margin of pink porphyry dike. | 34788 | 187.50 | 188.19 | .69 | .03 | | | | | |
| | | 188.05 189.60 Pink quartz with 20% 1-2mm albite(?) phenocrysts. The pink up to 2m silicification halo suggests it is a dike. | | | | | | | | | | |
| | | 193.25 194.00 10% quartz veins with orange halo. | 34789 | 193.25 | 194.00 | .75 | .03 | | | | | |
| | | | 34883 | 198.40 | 199.38 | .98 | .11 | | | | | |
| | | 204.80 205.70 5% quartz veins. | 34790 | 204.80 | 205.70 | .90 | .05 | | | | | |
| | | 210.20 210.62 1 cm grayish quartz vein, 46 degrees to core axis subparallel to shear flasers, no halo but a few up to 2mm pyrite in vein. Also one vuggy vein. Nearby wallrock is sample 34791. | 15130 | 210.20 | 210.62 | .42 | 1.23 | | | | | |
| | | 213.25 213.95 Brown halo? above fault and pink dike. | 34791 | 213.25 | 213.95 | .70 | .00 | | | | | |
| | | 214.00 216.00 Fault across shear, some grinding, probable core loss, all broken. Ochre plating, minor fizz, trace specularite. Possibly a quartz-k-spar dike with halo uphole and folding downhole. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 214.70 216.00 Broken core from faultzone, much ochre plating, no quartz vein, much arkose. | 15131 | 214.70 | 216.00 | 1.30 | .45 | | | | | |
| | | | 34884 | 217.80 | 218.60 | .80 | .01 | | | | | |
| 221.40 | 248.00 | SILTSTONE<br>Sheared sericitic arkosic siltstone.<br>Medium brown-gray siltstone h 5-6 with 20% sericitized light-olive to beige bands of h 2-3 at 15-45 degrees to core axis.<br>Frequent quartz tension gashes across arkose bands, sampled all quartz veins, no major folding.<br>Nonmagnetic, no fizz, rqd 90% except near quartz veins.<br>Specularite in quartz veins below 239.35m and as local plating in fault zone below. | | | | | | | | | | |
| | | 221.40 222.30 Transition to arkosic siltstone. | 34792 | 221.40 | 222.30 | .90 | .04 | | | | | |
| | | 226.44 227.35 Rare trace pyrite, rare hematite, possibly more red hematized. | 34885 | 226.44 | 227.35 | .91 | .01 | | | | | |
| | | 230.20 230.60 85% quartz vein with minor white carbonate and vugs. | 34793 | 230.20 | 230.60 | .40 | .00 | | | | | |
| | | 230.60 Blank core. | 34904 | 230.60 | 230.60 | .00 | .00 | .01 | | | | |
| | | | 34905 | 230.60 | 231.27 | .67 | .01 | | | | | |
| | | 231.27 231.92 25% such quartz vein, trace pyrite in vugs. | 34794 | 231.27 | 231.92 | .65 | .01 | | | | | |
| | | 231.92 232.52 70% such quartz vein, no vugs. | 34795 | 231.92 | 232.52 | .60 | .01 | | | | | |
| | | 234.54 235.25 Core fitted continuous 234.54-242.45. | 34906 | 234.54 | 235.25 | .71 | .00 | | | | | |
| | | | 34907 | 235.25 | 236.10 | .85 | .03 | | | | | |
| | | | 34908 | 236.10 | 236.53 | .43 | .02 | | | | | |
| | | | 34909 | 236.53 | 237.20 | .67 | .00 | | | | | |
| | | | 34910 | 237.20 | 237.75 | .55 | .01 | | | | | |
| | | | 34911 | 237.75 | 238.39 | .64 | .01 | | | | | |
| | | | 34912 | 238.39 | 238.85 | .46 | .02 | | | | | |
| | | 238.85 239.38 50% such quartz vein, vugs with quartz crystals. | 34796 | 238.85 | 239.38 | .53 | 4.34 | 4.32 | | | | |
| | | 239.38 240.00 50% such quartz vein, with much specularite in vugs. | 34797 | 239.38 | 240.00 | .62 | 2.06 | | | | | |
| | | | 34913 | 240.00 | 240.65 | .65 | .15 | .11 | | | | |
| | | 240.65 241.35 5% quartz-feldspar veinlets with vugs. | 34798 | 240.65 | 241.35 | .70 | .02 | | | | | |
| | | | 34914 | 241.35 | 242.00 | .65 | .03 | | | | | |
| | | 242.00 242.45 Core fitted continuous 234.54-242.45. | 34915 | 242.00 | 242.45 | .45 | .01 | | | | | |
| | | 242.45 242.95 60% quartz vein with 0.5% pyrite and trace specularite. | 34799 | 242.45 | 242.95 | .50 | 7.20 | 7.81 | | | | |
| | | 242.75 247.00 Fault zone, mostly broken core, often along core axis but across banding and plated with specularite disappearing downhole. | 34916 | 242.95 | 243.95 | 1.00 | 1.01 | 1.10 | | | | |
| | | | 34917 | 243.95 | 245.00 | 1.05 | .49 | | | | | |
| | | 245.00 245.55 2% quartz veins mostly vugs, 1% specularite lining vugs and fractures. | 34800 | 245.00 | 245.55 | .55 | .02 | | | | | |
| | | 245.55 Test pulp 690, avg. Of 2 1.13 g/t gold. | | | | | | | | | | |
| | | 245.55 247.00 Fault zone, all broken (see fault), possibly not representative. | 34801 | 245.55 | 245.55 | .00 | 1.20 | | | | | |
| | | | 34886 | 245.55 | 247.00 | 1.45 | .23 | .23 | | | | |
| | | | 34918 | 247.00 | 248.00 | 1.00 | .05 | | | | | |
| 248.00 | 267.00 | SANDSTONE<br>Medium green-gray, mostly sandstone h 6 interbedded with siltstone h 5, and some shale h 3-4.<br>Shear and sericitization disappear by 251m, lighter diffuse beds up to 5cm are coarser sandstone, bedding is 33-40 degrees to core axis.<br>Few up to 1cm vuggy quartz veins, 5-1% sericite bands downhole, no folding. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Nonmagnetic, no fizz, rqd 70-90% downhole, barren. | | | | | | | | | | |
| | | 253.69 254.62 Quite typical, 2% calcite vein. | 34887 | 253.69 | 254.62 | .93 | .01 | | | | | |
| | | 262.65 263.00 15% vuggy quartz veins, rare up to 0.5mm pyrite cubes. | 34802 | 262.65 | 263.00 | .35 | .01 | | | | | |
| 267.00 | 290.00 | SHALE | | | | | | | | | | |
| | | Medium green-gray, mostly shale h 3, few siltstone-sandstone beds h 5-6 to 283m, bedding 44-50 degrees to core axis seen on cm-beds. | | | | | | | | | | |
| | | Only up to 0.5% 1cm quartz veins, no shear normal alteration, no folding. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 95%. Barren. | | | | | | | | | | |
| | | 274.15 274.40 20% dolomite-quartz vein with minor pyrite. | 34803 | 274.15 | 274.40 | .25 | .01 | | | | | |
| 290.00 | 313.05 | SANDSTONE | | | | | | | | | | |
| | | Medium green-gray massive sandstone, few shale beds to 297.50m, then bedding hardly visible at 45-35 degrees to core axis downhole. H 5-6. | | | | | | | | | | |
| | | 0.5% Quartz-calcite veinlets or crackles. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 98%, rare local up to 1% very fine pyrite as diffuse black beds. | | | | | | | | | | |
| | | 300.00 300.80 1% very fine pyrite as beds and disseminations, 4% quartz veinlets. | 34804 | 300.00 | 300.80 | .80 | .01 | | | | | |
| | | 312.55 313.05 1% very fine pyrite as few diffuse beds. | 34805 | 312.55 | 313.05 | .50 | .01 | | | | | |
| 313.05 | 320.10 | SHALE | | | | | | | | | | |
| | | Medium green-gray shale h 3-4, few diffuse light olive beds 35ca of h 5-6. 1% quartz-albite(?) as 2 veins. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 98%, local trace very fine pyrite. | | | | | | | | | | |
| | | 316.10 316.70 10% quartz-albite(?), one causing sericite and trace pyrite | 34888 | 316.10 | 316.70 | .60 | .00 | | | | | |
| 320.10 | 324.40 | FAULT ZONE | | | | | | | | | | |
| | | Quartz-feldspar veins, fault. | | | | | | | | | | |
| | | Dark greenish to brownish gradationally sandstone h 7 due to halos from 10% up to 1cm quartz-feldspar veins with vugs. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 10% due to brittle vuggy veins but probably is a faultzone, no coreloss, barren. | | | | | | | | | | |
| | | 320.10 325.50 Faultzone with vuggy veins. Representative samples are 34806-808. | 34806 | 321.90 | 322.50 | .60 | .02 | | | | | |
| | | | 34807 | 323.40 | 324.00 | .60 | .03 | | | | | |
| | | | 34808 | 324.00 | 324.40 | .40 | .01 | | | | | |
| 324.40 | 329.75 | GRADATIONALLY SHALE | | | | | | | | | | |
| | | Green-gray shale. | | | | | | | | | | |
| | | As above but to 325.50m affected by fault and its quartz-feldspar veins, beds 35 tca. | | | | | | | | | | |
| 329.75 | 343.00 | SANDSTONE | | | | | | | | | | |
| | | Arkosic sandstone with quartz-feldspar veinlets. | | | | | | | | | | |
| | | Medium gradationally grading into light brown by 336m not as halos to the 3-15% quartz-albite(?) veins up to 1cm and crackles. | | | | | | | | | | |
| | | H 7 throughout, nonmagnetic, no fizz, rqd 60-20% downhole with minor local grinding. | | | | | | | | | | |
| | | Much hematite plating the vuggy veins and few younger fractures. | | | | | | | | | | |
| | | 330.20 330.90 10% veins, gradationally sandstone. | 34809 | 330.20 | 330.90 | .70 | .00 | | | | | |
| | | 332.25 332.80 10% veins, gradationally sandstone. | 34810 | 332.25 | 332.80 | .55 | .00 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 332.80 333.32 10% veins, gradationally sandstone. | 34811 | 332.80 | 333.32 | .52 | .01 | | | | | |
| | | 335.00 343.00 Faultzone, the veins in the gradationally upper transition are not causing broken core like here. | 34919 | 335.00 | 335.85 | .85 | .04 | | | | | |
| | | Lost hole in SANDSTONE seam. | | | | | | | | | | |
| | | 335.85 336.50 20% veins up to 5cm, pink-brown sandstone, no hematite. | 34812 | 335.85 | 336.50 | .65 | .23 | .19 | | | | |
| | | | 34920 | 336.50 | 337.25 | .75 | .03 | | | | | |
| | | 337.25 338.00 Test pulp 689: 2.57/2.40 exp., 2.09 sw. | 34921 | 337.25 | 338.00 | .75 | .02 | | | | | |
| | | 338.00 Cp 689. | 34922 | 338.00 | 338.00 | .00 | 2.06 | | | | | |
| | | 338.10 338.70 20% veins up to 5cm, gray-brown sandstone, much hematite. | 34813 | 338.10 | 338.70 | .60 | .01 | | | | | |
| | | 338.70 339.35 10% veins up to 2cm, pink-brown sandstone, much hematite. | 34814 | 338.70 | 339.35 | .65 | .00 | | | | | |
| | | 339.35 340.05 8% veins up to 1cm, gray-brown sandstone, much hematite. | 34815 | 339.35 | 340.05 | .70 | .00 | | | | | |
| | | 340.05 Test pulp 551, avg. Of 4 0.24 g/t gold. | | | | | | | | | | |
| | | 340.05 340.60 3% crackles, gray-brown sandstone, much hematite, rare pyrite. | 34816 | 340.05 | 340.05 | .00 | .21 | | | | | |
| | | | 34817 | 340.05 | 340.60 | .55 | .03 | | | | | |
| | | 340.60 341.15 2% crackles, gray-brown sandstone, much hematite. | 34818 | 340.60 | 341.15 | .55 | .02 | | | | | |
| | | 341.15 342.00 5% up to 1cm veins, few vugs, pink-brown, minor hematite, rare pyrite, some core loss by grinding. | 34819 | 341.15 | 342.00 | .85 | .00 | | | | | |
| | | 342.00 342.55 3% crackles, pink-brown sandstone, minor hematite, rare pyrite. | 34820 | 342.00 | 342.55 | .55 | .00 | | | | | |
| | | 342.55 343.00 3% crackles, pink-brown sandstone, minor hematite, rare pyrite. | 34821 | 342.55 | 343.00 | .45 | .08 | | | | | |
| 343.00 | | END OF HOLE | | | | | | | | | | |
| | | Marked 344m length but have core only to 343m. | | | | | | | | | | |
| | | Note:there are only few kink folds in or near hematite beds, core angles are quite consistent and far from 0 or 90 tca. Therefore no major folding in area. Fitted core where necessary to tell. | | | | | | | | | | |

DRILL HOLE RECORD

Northing: 8280
Easting: 8162
Elevation: 316

Collar Azi.: 160.0
Collar Dip: -50.0

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 86 | 154.3 | -46.7 |

Hole length: 104.00
Units: Metric
Core size: BQ
Materials left: Casing

Collar survey: Chained
DH Survey method: Reflex
Grid: Metric 2004

Comments: casing broken, reduced,hole cemented and collapsed
Logged by: R. Skeries
Date(s) logged: May. 19,'06
Purpose: Drillhole to test UM/Timiskaming contact
Core storage: Moneta facility, Timmins

Drill Hole: MA-06-34

Project: Dyment 3
Property: Michaud JV
Claim: ML 105466, L 1225544
Northing: ~34+00 S
Easting: L 92+00 W
GPS Northing: 5368280
GPS Easting: 568162
Date Started: May 8, 2006
Date completed: May 11, 2006
Drilled by: Norex
Sample type: Cut core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 34751-70,34877-9
Sample Series FA:
FA Report: 6W-2110-RA1
FA Report cont'd:
Metallics Rept:
Check Lab: Expert
Check Assay Rept: 14155

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 69.00 | OVERBURDEN<br>Casing to 69m, broken and reduced to BQ, heavy boulders in lower half. | | | | | | | | | | |
| 69.00 | 89.35 | ULTRAMAFIC VOLCANIC<br>Talc chlorite, soft, moderately to locally strongly magnetic.<br>Few carb stringers, rare patchy pyrite cluster.<br>Locally brecciated with, major core loss fault and gouge 74.5 to 79 metres, 71-74 lost 30cm, 74-80 lost 1.6m.<br>Gradational with increasing blockiness and rubble, rqd improves after approx 85m.<br>88.67 88.88 Intercalated mafic volcanic (?), chlorite alteration, harder, weakly magnetic. | | | | | | | | | | |
| 89.35 | 90.48 | BANDED IRON FORMATION<br>Hematitic iron formation, minor local magnetite, contorted @45 degrees to core axis undeformed, local sediment breccia, fine intercalated argillite-greywacke bands and wisps.<br>Increase sediment towards foot wall.<br>Abundant quartz carb chlorite veining at 40-50 degrees to core axis orthogonal to bedding as flats with low dip to west est 10 degree, true width from hairline to 10cm, angular local vein breccia with BANDED IRON FORMATION and sediment fragments, vein contacts sharp but angular irregular with fracture zones.<br>Residual sediment ghosting from vein margins, scattered speck hematite, patchy and frayed chlorite, no visible sulphides. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rare very narrow veinlets at 30 degrees to core axis approx 15-20 degree off flats, dip shallow to east approx 25 degree, strike est 22-25 degree. | | | | | | | | | | |
| | | 89.35 89.60 8 cm true width quartz carb chlorite vein centred on 89.50m, trace speck hematite, 40 degrees to core axis. | 34751 | 89.35 | 89.60 | .25 | .00 | .03 | | | | |
| | | 89.60 90.05 Ditto, several scattered veinlets (3 main) up to 1cm true width. | 34752 | 89.60 | 90.05 | .45 | .02 | | | | | |
| | | 90.05 90.48 Ditto, 3 veins at 3, 5 and 10cm true width, minor disseminated pyrite in BANDED IRON FORMATION along bedding. | 34753 | 90.05 | 90.48 | .43 | .00 | | | | | |
| 90.48 | 91.37 | MIXED GREYWACKE/BANDED IRON FORMATION<br>Mainly greywacke/argillite with scattered minor BANDED IRON FORMATION wisps and thin beds, contact 48 degrees to core axis. | | | | | | | | | | |
| | | 90.48 90.96 4 main veinlets as before, several up to 3cm true width. | 34754 | 90.48 | 90.96 | .48 | .02 | .01 | | | | |
| | | 90.96 91.37 Ditto, 1 veinlet 3cm true width, local pyrite rich band in BANDED IRON FORMATION. | 34755 | 90.96 | 91.37 | .41 | .10 | | | | | |
| 91.37 | 93.25 | GREYWACKE<br>Weakly altered locally, wispy sericite becoming banded locally. | 34756 | 91.37 | 92.06 | .69 | .01 | | | | | |
| | | | 34757 | 92.06 | 92.75 | .69 | .03 | | | | | |
| | | | 34758 | 92.75 | 93.25 | .50 | .00 | | | | | |
| 93.25 | 93.85 | SYENITE<br>30% Quartz veined, hanging wall contact vein 9cm with sericite wisps @30 degrees to core axis, hanging wall at high angle irregular foot wall at 150 degrees to core axis, numerous additional stringers at 150.<br>Foot wall contact @50, SYENITE with diffuse quartz patches and deformed. | 34759 | 93.25 | 93.85 | .60 | .00 | | | | | |
| 93.85 | 95.68 | ALTERED GREYWACKE<br>Well laminated as before with moderate sericitic alteration along bedding, 5cm quartz vein @93.97m @40 degrees to core axis with sericitic wispsat rigth angles to vein margin, ditto to other veins.<br>Trace pyrite. | 34760 | 93.85 | 94.30 | .45 | .00 | | | | | |
| | | | 34761 | 94.30 | 95.00 | .70 | .00 | .00 | | | | |
| | | | 34762 | 95.00 | 95.68 | .68 | .00 | | | | | |
| 95.68 | 97.77 | SYENITE<br>Tectonized and sericite altered more than previous, wisps and streamers, anastomising and flasered.<br>Patchy and irregular quartz vein patches generally as before.<br>Hanging wall contorted 40 degrees to core axis, foot wall contact low angle and undulating over 25cm, sheared. | 34763 | 95.68 | 96.84 | 1.16 | .00 | | | | | |
| | | | 34764 | 96.84 | 97.77 | .93 | .00 | | | | | |
| 97.77 | 101.68 | ALTERED GREYWACKE<br>As above, quartz sweats crackled with sericite alteration, sericitic along bedding, gradually decreasing, overall moderate.<br>Local patches of carb albite alteration, trace pyrite. | 34765 | 97.77 | 98.37 | .60 | .00 | | | | | |
| | | | 34766 | 98.37 | 99.15 | .78 | .04 | | | | | |
| | | | 34767 | 99.15 | 99.65 | .50 | .00 | | | | | |
| | | | 34768 | 99.65 | 100.18 | .53 | .00 | | | | | |
| | | | 34769 | 100.18 | 100.59 | .41 | .00 | | | | | |
| | | | 34770 | 100.59 | 101.68 | 1.09 | .05 | | | | | |
| 101.68 | 104.00 | BANDED IRON FORMATION<br>Well developed hematitic BANDED IRON FORMATION with rare sedimentary wisps and thin beds. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Local bedding subparallel quartz boudins, tension/gash veinlets and crackled stockworks on cm scale. | | | | | | | | | | |
| | | Often with chlorite and granular distributed pyrite local to 2%, rare very narrow pyrite stringers and pyrite rich bands, magnetite rare empiracally with quartz and pyrite. | | | | | | | | | | |
| | | 101.68 Test pulp 577, 1.10 g/t au. | 34771 | 101.68 | 101.68 | .00 | 1.14 | | | | | |
| | | | 34877 | 101.68 | 102.04 | .36 | .00 | | | | | |
| | | | 34878 | 102.04 | 102.36 | .32 | .00 | | | | | |
| | | 102.36 Blank. | 34879 | 102.36 | 102.36 | .00 | .00 | | | | | |
| 104.00 | | END OF HOLE | | | | | | | | | | |

DRILL HOLE RECORD

Northing: 8270
Easting: 8178
Elevation: 316

Collar Azi.: 160.0
Collar Dip: -50.0

*** Dip Tests ***
Depth Azi. Dip

Hole length: 60.00
Units: Metric
Core size: NQ
Materials left: Casing 60m

Collar survey: GPS/grid
DH Survey method: Reflex
Grid: Imperial '87, recut '96/02

Comments: Drill sinking, casing intact
Logged by: H.Daxl
Date(s) logged: July 1-4,'06
Purpose: Test stratigraphy/structure Dyment 3
Core storage: Moneta facility, Timmins

Drill Hole: MA-06-35

Project: Dyment3
Property: Michaud
Claim: 1224455
Northing: ~35+00 S
Easting: L 92+00 W
GPS Northing: 5368270 (NAD 27)
GPS Easting: 568178(NAD 27)
Date Started: May 12, 2006
Date completed: May 13, 2006
Drilled by: Norex
Sample type: Cut core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA:
Sample Series FA:
FA Report:
FA Report cont'd:
Metallics Rept:
Check Lab: L'Expert
Check Assay Rept:

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au ( t) | Au (1) ( t) | Au (2) ( t) | Au (3) ( t) | Au (M) ( t) | Au (4) ( t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 60.00 | OVERBURDEN<br>NW casing left in to re-enter hole, fixed the broken NW rod near the top.<br>Had NQ already at 63m but all pulled, NW at 60m probably near bedrock.<br>Stopped hole because drill shifted due to melting ice. | | | | | | | | | | |
| 60.00 | | END OF HOLE | | | | | | | | | | |

DRILL HOLE RECORD

Northing: 8270
Easting: 8178
Elevation: 316

Collar Azi.: 160.0
Collar Dip: -50.0

Hole Length: 323.00
Units: Metric
Core Size: BQ
Grid: Metric 2004

Materials Left: Casing: NQ 60m, BQ 12m
Collar Survey: Chained
DH Survey Method: Reflex

Comments: Continuation of previous hole MA-06-35 with NW casing to 60m
Logged by: R.Skeries, G.Sparling
Date(s) Logged: Feb.19,'07,Mar.1-2,'07
Purpose: Drillhole to test UM/Timiskaming contact
Core Storage: Moneta Facility Timmins

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 89 | 160.0 | -49.0 |
| 170 | 160.2 | -43.0 |
| 245 | 160.9 | -36.9 |
| 276 | 160.0 | -34.3 |

Drill Hole: MA07-35X

Project: Dyment 3
Property: Michaud JV
Claim: L 1225544
Northing: 42+50 S
Easting: L 92+00 W
GPS Northing: 5368270 NAD 27
GPS Easting: 568178 NAD 27
Date Started: Feb.7,'07
Date Completed: Feb.13,'07
Drill Contractor: Norex
Sample Type: Cut Core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 8051-150,8401-29
Sample Series FA:
Lab FA Report: 7W-1256,1272/3/4-RA1
Lab FA Report: 7W-1455-RA1
Lab Metallics:
Check Lab: Expert
Check Lab Rept: 18822/24/25

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 66.00 | OVERBURDEN<br>NQ casing to 60m, BQ to 66m, cut @54m. | | | | | | | | |
| 66.00 | 74.70 | ULTRAMAFIC VOLCANIC<br>May be some lost/ground core 66.0-68.5m.<br>Talc chlorite, soft, moderately to locally strongly magnetic, foliation variable from 25 to 50 degrees to core axis.<br>Few carb stringers, rare patchy pyrite cluster.<br>Hematite BANDED IRON FORMATION patches frags disrupted and contorted, from 70.35 to 70.48m and 71.51 71.75m.<br>Locally brecciated with, major core loss fault and gouge 68.5 to 70.35m, lost up to 90cm.<br>70.48 71.51 Intercalated mafic volcanic or dyke (?), chlorite alteration, harder, weakly magnetic, flanked by disrupted BANDED IRON FORMATION with foot wall contact at 25 degrees to core axis and carb veinlet. | | | | | | | | |
| 74.70 | 75.25 | BANDED IRON FORMATION<br>Hematitic iron formation, locally disrupted and fragmented.<br>Hanging wall finely lamination @55 degrees to core axis undeformed, local sediment breccia.<br>Foot wall contact with narrow carb stringer @15-20 degrees to core axis.<br>Trace local clusters and bleby pyrite. | 8051 | 74.70 | 75.25 | .55 | .02 | | | |
| 75.25 | 77.70 | SYENITE<br>May be QUARTZ FELDSPAR PORPHYRY, tectonized with diffuse and cloudy alteration | 8052 | 75.25 | 76.25 | 1.00 | .01 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | bleaching - silicified, chlorite veined and flasered 30-50 degrees to core axis, locally sericitic wisps. | 8053 | 76.25 | 77.20 | .95 | .01 | | | |
| | | | 8054 | 77.20 | 77.70 | .50 | .02 | | | |
| | | Scattered narrow quartz veined 150 degrees to core axis, one 5cm vein with 1 cm alteration selvage tauppe colored. | | | | | | | | |
| | | Trace to locally 1% pyrite disseminated and blebby. | | | | | | | | |
| | | Hanging wall complex @15-20, foot wall contact @35 degrees to core axis. | | | | | | | | |
| 77.70 | 80.77 | ALTERED GREYWACKE | | | | | | | | |
| | | Well bedded greywacke with sericitic ribbons, wisps, bands max 25%. | 8055 | 77.70 | 78.65 | .95 | .00 | | | |
| | | Locally contorted and flasered, silicified with minor sweats developing. | 8056 | 78.65 | 79.60 | .95 | .17 | .18 | .13 | .14 |
| | | Generally foliation @40-45 degrees to core axis. | 8057 | 79.60 | 80.57 | .97 | .00 | | | |
| | | No visible sulphides. | 8058 | 80.57 | 80.77 | .20 | .00 | | | |
| | | Foot wall zone intense alteration, sericitic alb? quartz, brecciated at 150 and 110 degrees to core axis, minor veining, trace pyrite. | | | | | | | | |
| | | Foot wall contact at 43 degrees to core axis. | | | | | | | | |
| 80.77 | 83.27 | BANDED IRON FORMATION | | | | | | | | |
| | | Well developed hematitic BANDED IRON FORMATION with minor greywacke/argillite as thin beds, seds may dominate over 10-15cm intervals. | 8059 | 80.77 | 81.57 | .80 | .00 | | | |
| | | | 8060 | 81.57 | 82.37 | .80 | .13 | | | |
| | | Local bedding subparallel quartz boudins, tension/gash veinlets and crackled stockworks on cm scale. | 8061 | 82.37 | 83.27 | .90 | .00 | | | |
| | | Often with chlorite and granular distributed pyrite local to 2%, rare very narrow pyrite stringers and pyrite rich bands, magnetite rare as fine laminations. | | | | | | | | |
| | | Bedding 45-50 degrees to core axis with little disruption. | | | | | | | | |
| | | Foot wall contact at 50 degrees to core axis. | | | | | | | | |
| 83.27 | 85.05 | ALTERED GREYWACKE | | | | | | | | |
| | | Intercalated greywacke unit. | 8062 | 83.27 | 84.17 | .90 | .14 | | | |
| | | Hanging wall well altered with foot wall half unaltered, sericitic, quartz boudins, poorly develop veining. | 8063 | 84.17 | 85.05 | .88 | .02 | | | |
| 85.05 | 86.45 | BANDED IRON FORMATION | | | | | | | | |
| | | As before, greywacke more chloritic sericitic with increase in pyrite often small cubes 1-3% locally. | 8064 | 85.05 | 85.72 | .67 | .00 | | | |
| | | | 8065 | 85.72 | 86.45 | .73 | 2.06 | 2.10 | | |
| | | Minor local pyrite in well develop hematite BANDED IRON FORMATION intervals. | | | | | | | | |
| | | Increase alteration towards foot wall. | | | | | | | | |
| | | Bedding generally @50 degrees to core axis. | | | | | | | | |
| 86.45 | 92.85 | ALTERED GREYWACKE | | | | | | | | |
| | | Sericitic alteration throughout locally pervasive overall moderate to strong 60-75%, wispy banded and fine network. | | | | | | | | |
| | | 86.45 88.44 Diffuse pervasive silicified intervals often with tr-2% locally 5% finely disseminated and stringer pyrite. | 8066 | 86.45 | 87.13 | .68 | .97 | | .91 | |
| | | | 8067 | 87.13 | 87.78 | .65 | .56 | .48 | | |
| | | | 8068 | 87.78 | 88.44 | .66 | .46 | | | |
| | | | 8069 | 88.44 | 89.29 | .85 | .03 | | | |
| | | 89.29 Blank 263.0-263.5m. | 8070 | 89.29 | 89.29 | .00 | .02 | | | |
| | | | 8071 | 89.29 | 89.80 | .51 | .11 | | | |
| | | 89.71 Multiple vein zone over 9cm true width, 60 degrees to core axis. | 8072 | 89.80 | 90.40 | .60 | .07 | | | |
| | | | 8073 | 90.40 | 90.90 | .50 | .13 | | .10 | |
| | | | 8074 | 90.90 | 91.73 | .83 | .00 | | | |
| | | | 8075 | 91.73 | 92.00 | .27 | .05 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) ( t) | S-DUP ( t) | AU(E) ( t) | E-DUP ( t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 91.76 Quartz chlorite veinlet 3cm. | 8076 | 92.00 | 92.85 | .85 | .00 | | | |
| 92.85 | 92.95 | SYENITE<br>Narrow rose brown feldspathized dykelt with contacts at 50 degrees to core axis. | 8077 | 92.85 | 93.52 | .67 | .01 | | | |
| 92.95 | 93.52 | ALTERED GREYWACKE<br>As before, but feldspatization overprint, sericitic alteration as before. | | | | | | | | |
| 93.52 | 100.30 | SYENITE<br>Major dyke may be QUARTZ FELDSPAR PORPHYRY, moderate pervasive feldspatization (hematite?).<br>Glassy and crackled throughout.<br>Sericitic wisps and thin streamers throughout especially along farcs.<br>Rare finely disseminated pyrite.<br>95.50 96.10 Quartz carb vein with central SYENITE inclusion.<br>Locally vuggy, pale rose patches.<br>No visible sulphides, contacts 40-45 degrees to core axis but irreg, foot wall SYENITE with stronger sericitic alteration.<br>98.80 Blank 263.5-264.0m. | 8078 | 93.52 | 94.50 | .98 | .02 | | | |
| | | | 8079 | 94.50 | 95.55 | 1.05 | .00 | | | |
| | | | 8080 | 95.55 | 96.10 | .55 | .01 | | | |
| | | | 8081 | 96.10 | 96.40 | .30 | .03 | .03 | | |
| | | | 8082 | 96.40 | 97.20 | .80 | .00 | | | |
| | | | 8083 | 97.20 | 98.00 | .80 | .00 | | | |
| | | | 8084 | 98.00 | 98.80 | .80 | .00 | | | |
| | | | 8085 | 98.80 | 98.80 | .00 | .00 | | | |
| | | | 8086 | 98.80 | 99.60 | .80 | .01 | | | |
| | | | 8087 | 99.60 | 100.30 | .70 | .04 | | | |
| 100.30 | 128.00 | ALTERED GREYWACKE<br>As before, overall moderate to strongly hematized with wispy banded and fracture contolled sericite alteration.<br>Silicified sweats throughout with fine network of tension/gash fractures/veinlets.<br>Trace to 1% finely disseminated pyrite local clustered.<br>Minor local vug in quartz carb patchs and veinlets often with fine grained crystalline speck hematite.<br>101.13 101.85 Less hematitic.<br>101.85 STANDARD 61Pb.<br>103.30 Quartz vein as before, 9cm true width, nsv, 45 tca.<br>104.80 105.80 Vuggy.<br>106.80 107.19 More bleached interval coarser grained with fine flaky chlorite (?) throughout.<br>Downhole fewer quartz stringers, trace disseminated pyrite, locally 1% with sericitic wisps/bands, fracture as before.<br>110.80 Blank 264.0-264.5m. | 8088 | 100.30 | 101.13 | .83 | .00 | | | |
| | | | 8089 | 101.13 | 101.85 | .72 | .00 | | | |
| | | | 8090 | 101.85 | 101.85 | .00 | .06 | | | |
| | | | 8091 | 101.85 | 102.85 | 1.00 | .36 | | | |
| | | | 8092 | 102.85 | 103.85 | 1.00 | 2.14 | 2.21 | | |
| | | | 8093 | 103.85 | 104.80 | .95 | .08 | | | |
| | | | 8094 | 104.80 | 105.80 | 1.00 | .02 | | | |
| | | | 8095 | 105.80 | 106.80 | 1.00 | .00 | | | |
| | | | 8096 | 106.80 | 107.20 | .40 | .00 | | .00 | .00 |
| | | | 8097 | 107.20 | 108.20 | 1.00 | .01 | | | |
| | | | 8098 | 108.20 | 109.20 | 1.00 | .00 | | | |
| | | | 8099 | 109.20 | 110.00 | .80 | .00 | | | |
| | | | 8100 | 110.00 | 110.80 | .80 | .00 | | | |
| | | | 8101 | 110.80 | 110.80 | .00 | .09 | | | |
| | | | 8102 | 110.80 | 111.60 | .80 | .03 | | | |
| | | | 8103 | 111.60 | 112.40 | .80 | .00 | .00 | | |
| | | | 8104 | 112.40 | 113.20 | .80 | .01 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 113.20 114.70 Fading hematite intensity 112.6-113.2. | 8105 | 113.20 | 114.00 | .80 | .00 | | | |
| | | | 8106 | 114.00 | 114.70 | .70 | .00 | | | |
| | | Grwke more greenish grey with continuing sericitic alteration as wisps, bands and fine laminations, locally weaker. | | | | | | | | |
| | | Foliation and bedding @50 degrees to core axis. | | | | | | | | |
| | | 114.70 115.45 Increase in quartz veinlets with breccia background hematite becoming moderate to moderately strong. | 8107 | 114.70 | 115.45 | .75 | 1.06 | | .85 | |
| | | | 8108 | 115.45 | 116.45 | 1.00 | .08 | | | |
| | | | 8109 | 116.45 | 117.40 | .95 | .00 | | | |
| | | | 8110 | 117.40 | 117.60 | .20 | 2.85 | 2.61 | | |
| | | 117.50 Alb sericitic alteration or poorly developed vein, 10cm true width contacts diffuse est 55 degrees to core axis, cloudy taupe/cream mix with trace fine disseminated pyrite. | 8111 | 117.60 | 118.60 | 1.00 | .06 | | | |
| | | 118.60 Onwards, hematite more pervasive and moderately strong as before, ditto sericite alteration. | 8112 | 118.60 | 119.60 | 1.00 | .00 | | | |
| | | | 8113 | 119.60 | 120.60 | 1.00 | .03 | | | |
| | | | 8114 | 120.60 | 121.60 | 1.00 | .00 | | | |
| | | | 8115 | 121.60 | 122.60 | 1.00 | .00 | | | |
| | | | 8116 | 122.60 | 123.12 | .52 | .08 | | | |
| | | | 8117 | 123.12 | 123.52 | .40 | 5.49 | 4.59 | | |
| | | | 8118 | 123.52 | 124.27 | .75 | .37 | | .20 | |
| | | | 8119 | 124.27 | 125.20 | .93 | .00 | | | |
| | | | 8120 | 125.20 | 125.90 | .70 | .00 | | | |
| | | | 8121 | 125.90 | 126.60 | .70 | .60 | | | |
| | | | 8122 | 126.60 | 127.30 | .70 | .23 | | | |
| | | | 8123 | 127.30 | 128.00 | .70 | .00 | | | |
| | | Foot wall alteration decrease over 0.5m. | | | | | | | | |
| 128.00 | 160.00 | GREYWACKE | | | | | | | | |
| | | Grey-green, overall unaltered with minor, local alteration on cm scale. | 8124 | 129.30 | 130.00 | .70 | 2.06 | 2.13 | | |
| | | Bedding @50tca. | | | | | | | | |
| | | Scattered narrow quartz and quartz carb stringers. | | | | | | | | |
| | | Scattered disseminated pyrite. | | | | | | | | |
| | | Strong sericite alteration zone, blh chlorite ?, medium brown, disseminated pyrite 1-2%, diffuse and cloudy, gradational contacts. | | | | | | | | |
| | | 143.90 144.40 Bracket sample. | 13007 | 143.90 | 144.40 | .50 | .01 | | | |
| | | 144.40 144.80 Weak pervasive hematite alteration, minor wispy sericite stringers, trace fine disseminated pyrite and trace specular hematite in fractures. | 13008 | 144.40 | 144.80 | .40 | .24 | | | |
| | | 144.80 145.30 Bracket sample. | 13009 | 144.80 | 145.30 | .50 | .06 | | | |
| | | | 8125 | 159.50 | 160.00 | .50 | .02 | | | |
| 160.00 | 161.40 | BANDED IRON FORMATION | | | | | | | | |
| | | Red to brown, 5% local green to grey sections of graywacke, fine grained, weak to moderately foliated at 50 degrees to core axis. | 8126 | 160.00 | 160.70 | .70 | .00 | | | |
| | | | 8127 | 160.70 | 161.40 | .70 | .00 | | | |
| | | Moderately hematized, very weak magnetism, trace coarse grained pyrite in matrix, fractures and locally with calcite stringers. | | | | | | | | |
| | | 1% 50 Degrees to core axis calcite stringers with over printing sericite stringers, 0.5% cross cutting, weakly hematized calcite stringers at 20 tca. | | | | | | | | |
| | | Moderately soft to moderately hard. | | | | | | | | |
| | | Sharp lower contact at 55 tca. | | | | | | | | |
| 161.40 | 176.40 | ALTERED GREYWACKE | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Green to grey, fine to medium grained, moderately hard to hard, local weak magnetism. | | | | | | | | |
| | | Local inclusions of hematitic iron formation, pervasively chloritic with very weak sericite alteration. | | | | | | | | |
| | | 5% Sericite stringers alteration 1cm to 3 inch, locally on fractures, 8-10% patchy vuggy silicified and feldspatized sections, decreasing with depth. | | | | | | | | |
| | | Minor local silicification and hematite alteration around BANDED IRON FORMATION inclusions, trace to 0.5% coarse and fine disseminated pyrite, generally associated with calcite stringers. | | | | | | | | |
| | | Trace local specular hematite, variable angled calcite stringers at generally 45 and 70 degrees to core axis, locally vuggy stringers. | | | | | | | | |
| | | Chlorite with local calcite and sericite fracture filling, weak to moderately foliated, foliation at 65-70 degrees to core axis. | | | | | | | | |
| | | Lower contact at 45 tca. | | | | | | | | |
| | | 161.40 STANDARD 4Pb. | | | | | | | | |
| | | 161.40 162.25 Feldspatized, silicified and patchy hematite altered with 0.5% fine disseminated pyrite. | 8128 | 161.40 | 161.40 | .00 | 5.11 | | 4.55 | 4.56 |
| | | | 8129 | 161.40 | 162.25 | .85 | .20 | | | |
| | | | 8130 | 162.25 | 163.10 | .85 | .00 | | | |
| | | 163.10 164.10 BANDED IRON FORMATION inclusions, feldspatized, hematite and chlorite altered, trace coarse grained pyrite. | 8131 | 163.10 | 164.10 | 1.00 | .00 | | | |
| | | | 8132 | 164.10 | 165.10 | 1.00 | .00 | | | |
| | | | 8133 | 165.10 | 166.00 | .90 | .07 | | | |
| | | | 8134 | 166.00 | 166.90 | .90 | .00 | | | |
| | | 166.90 167.90 Feldspatized, silicified and weak patchy chlorite and hematite, trace fine grained pyrite, local specular hematite. | 8135 | 166.90 | 167.90 | 1.00 | .02 | | | |
| | | | 8136 | 167.90 | 168.80 | .90 | .01 | | | |
| | | | 8137 | 168.90 | 169.90 | 1.00 | .00 | | | |
| | | | 8138 | 169.90 | 170.90 | 1.00 | .00 | | | |
| | | | 8139 | 170.90 | 171.80 | .90 | .00 | | | |
| | | | 8140 | 171.80 | 172.70 | .90 | .00 | | .00 | |
| | | | 8141 | 172.70 | 173.60 | .90 | .00 | | | |
| | | 173.60 174.50 Locally silicified and feldspatized with pyrite calcite vugs. | 8142 | 173.60 | 174.50 | .90 | .00 | .01 | | |
| | | | 8143 | 174.50 | 175.50 | 1.00 | .03 | | | |
| | | | 8144 | 175.50 | 176.40 | .90 | .00 | | | |
| 176.40 | 185.90 | ALTERED GREYWACKE | | | | | | | | |
| | | Hematized greywacke, medium to coarse grained, hard, non magnetic, generally massive with elevated alteration intensity starting around 82m. | | | | | | | | |
| | | Pervasive moderate hematite alteration with patchy weak chlorite and silicification, trace coarse grained pyrite associated with stringers and fractures | | | | | | | | |
| | | 0.5% to 1% variable angled stringers at 25, 65 and 70 degrees to core axis, fractures at 65 and 70 degrees to core axis, chlorite fracture filling with rare sericite. | | | | | | | | |
| | | Very weak 65 degrees to core axis foliation with 1-2% sericite bands parallel to foliation, local vugs increasing with depth. | | | | | | | | |
| | | 176.40 Blank ma-07-39, 78-78.5m. | 8145 | 176.40 | 176.40 | .00 | .00 | | | |
| | | | 8146 | 176.40 | 177.40 | 1.00 | .16 | .15 | | |
| | | | 8147 | 177.40 | 178.40 | 1.00 | .05 | | | |
| | | | 8148 | 178.40 | 179.40 | 1.00 | .02 | | | |
| | | | 8149 | 179.40 | 180.40 | 1.00 | .00 | | | |
| | | | 8150 | 180.40 | 181.40 | 1.00 | .00 | | | |
| | | | 8401 | 181.40 | 182.20 | .80 | .14 | .13 | | |
| | | 182.20 185.90 Increased chlorite alteration, 1-2% vuggy calcite-chlorite stringers | 8402 | 182.20 | 183.10 | .90 | .02 | | .01 | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | with 1-2% specular hematite, local 0.5% fine disseminated pyrite. | 8403 | 183.10 | 184.00 | .90 | .01 | | | |
| | | | 8404 | 184.00 | 184.90 | .90 | .02 | | | |
| | | | 8405 | 184.90 | 185.90 | 1.00 | .02 | | | |
| | | Lower contact at 40 tca. | | | | | | | | |
| 185.90 | 186.50 | QUARTZ VEIN<br>White, vuggy quartz vein, 30% hematized greywacke, series of shears at 45 degrees to core axis, generally dark green chlorite healed.<br>Trace coarse pyrite with local bright blebby pyrite or speck of chalcopyrite?, up to 1% specular hematite in vugs.<br>Local sericite wisp in veins, chlorite and sericite fracture filling.<br>Lower contact at 20 tca. | 8406 | 185.90 | 186.50 | .60 | .00 | | | |
| 186.50 | 188.50 | ALTERED GREYWACKE<br>Red to brown, medium to coarse grained, moderately hematite altered with patchy weak sericite and chlorite alterations.<br>10% Minor vuggy quartz-calcite veinlets at 70 degrees to core axis with 1% quartz-calcite stringers at 20-30 degrees to core axis.<br>Weakly foliated at 65 degrees to core axis with 2% sericite bands, wisps, 0.5 generally bright coarse pyrite on fractures and locally with stringers.<br>1-2% Specular hematite in vugs and locally on fractures, minor broken vuggy sections.<br>Lower contact at 65 degrees to core axis. | 8407 | 186.50 | 187.50 | 1.00 | .00 | | | |
| | | | 8408 | 187.50 | 188.50 | 1.00 | .09 | | | |
| 188.50 | 189.50 | QUARTZ VEIN<br>White, vuggy, locally weakly brecciated and fractured, generally dark green chlorite healed with patchy sericite.<br>5% Mixed in hematite, sericite and silicified wall rock, up to 1% pyrite, generally on fracture, higher percentage associated with sericite.<br>Pink feldspar and hematite in vuggy section with 0.5% specular hematite, trace disseminated orange specs ?.<br>Lower contact at 30 tca. | 8409 | 188.50 | 189.50 | 1.00 | .00 | | | |
| 189.50 | 191.50 | ALTERED GREYWACKE<br>Dark red to green, medium grained, moderately hematite altered with patchy moderate chlorite and weak sericite.<br>Local moderate silicification, 2% vuggy quartz veinlets at 30-40 degrees to core axis with 1% quartz-calcite stringers at 60 degrees to core axis.<br>Local 0-20 degrees to core axis wispy sericite bands, local chlorite healed breccia and fractures with secondary sericite.<br>Trace to 0.5% coarse pyrite with local specular hematite.<br>190.10 190.70 Possible porpheritic felsic dyke?, no visible contacts but maybe hidden by brecciation.<br>Lower contact at 60 degrees to core axis. | 8410 | 189.50 | 190.10 | .60 | .04 | | | |
| | | | 8411 | 190.10 | 190.70 | .60 | .00 | | | |
| | | | 8412 | 190.70 | 191.50 | .80 | .07 | | | |
| 191.50 | 192.30 | QUARTZ VEIN<br>White, silicified, quartz vein, appears barren, local feldspathic fragments of wall rock, dark green chlorite fracture filling and local healed breccia.<br>Trace coarse pyrite, local orange specs (?), minor local vugs.<br>Sharp lower contact at 30 tca. | 8413 | 191.50 | 192.30 | .80 | .03 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| 192.30 | 225.80 | ALTERED GREYWACKE<br>Dark red to red, medium grained, weak to moderately hematized with patchy feldspatization, chlorite, silicification and sericite.<br>Sericite alteration generally as 50-70 degrees to core axis bands and wisps, 1-3% quartz-calcite stringers at variable angles 30 and 75 degrees to core axis.<br>Chlorite with local calcite fracture filling with overprinting sericite, 0.5% coarse pyrite associated with stringers and fractures.<br>Local vuggy sections with trace to 0.5% specular hematite, very weak foliation at 55 degrees to core axis, foliation generally covered by alteration.<br>Regular intervals of bedding occur throughout unit, ranging in thickness from 1cm-5cm, bands could be marks from drilling?.<br>Lower contact at 55 tca. | | | | | | | | |
| | | 192.30 STANDARD 61Pb. | 8414 | 192.30 | 192.30 | .00 | 4.94 | | 4.40 | 4.42 |
| | | | 8415 | 192.30 | 193.30 | 1.00 | .86 | | .59 | |
| | | | 8416 | 193.30 | 194.30 | 1.00 | .03 | | | |
| | | | 8417 | 194.30 | 195.30 | 1.00 | .03 | | | |
| | | | 8418 | 195.30 | 196.30 | 1.00 | .02 | | | |
| | | | 8419 | 196.30 | 197.30 | 1.00 | .00 | | | |
| | | 200.70 201.20 Bracket sample. | 13010 | 200.70 | 201.20 | .50 | .07 | | | |
| | | 201.20 201.90 Vuggy broken section with trace-0.5% coarse pyrite and 1% specular hematite on fracture and in vugs. | 13011 | 201.20 | 201.90 | .70 | .00 | | | |
| | | 201.90 202.90 Trace pyrite and specular hematite on fracture and in vugs. | 13012 | 201.90 | 202.90 | 1.00 | .07 | | | |
| | | 202.90 203.90 Trace pyrite and specular hematite on fracture and in vugs. | 13013 | 202.90 | 203.90 | 1.00 | .05 | | | |
| | | 203.90 204.90 Blanket sample. | 13014 | 203.90 | 204.90 | 1.00 | .07 | | | |
| | | 204.90 205.50 Trace fine pyrite associated with vuggy calcite stringers at 40 tca. | 13015 | 204.90 | 205.50 | .60 | .12 | | | |
| | | 205.50 206.00 Trace fine grained pyrite with patchy sericite alteration, 1% quartz-calcite stringers at 35 degrees to core axis, 1% thin quartz stringers at 70 tca. | 13016 | 205.50 | 206.00 | .50 | .18 | | | |
| | | 206.00 206.60 Vuggy section of broken core, 1.5% very vuggy quartz-calcite stringers at 70 degrees to core axis, 0.5% coarse pyrite with trace specular hematite. | 13017 | 206.00 | 206.60 | .60 | 3.03 | 3.20 | 2.63 | 2.85 |
| | | 206.60 207.10 Trace specular hematite and pyrite with rare 35 degrees to core axis calcite stringers. | 13018 | 206.60 | 207.10 | .50 | .21 | | | |
| | | 207.10 207.60 5 inch quartz-calcite veinlet at 55 degrees to core axis, 0.5-1% pyrite and specular hematite associated with vuggy sections. | 13019 | 207.10 | 207.60 | .50 | 1.17 | 1.14 | | |
| | | 207.60 208.20 Rare calcite stringers at 35 degrees to core axis, vuggy, 0.5% pyrite on fractures and trace to 0.5% specular hematite in vugs. | 13020 | 207.60 | 208.20 | .60 | .44 | | | |
| | | 208.20 209.20 Trace vuggy calcite stringer and trace pyrite, bracket sample. | 13021 | 208.20 | 209.20 | 1.00 | .58 | | | |
| | | | 8420 | 224.80 | 225.80 | 1.00 | .02 | | | |
| 225.80 | 232.80 | ALTERED GREYWACKE<br>Red brown to grey green variably altered greywacke, medium grained, hard, non magnetic.<br>Generally weak to moderately hematized and feldspatized and silicified with patchy weak to moderate sericite and chlorite.<br>Moderately foliated at 55-60 degrees to core axis with 2-3% sericite bands, wisps parallel to foliation, minor chlorite and calcite fracture filling.<br>Trace to 0.5% coarse pyrite associated with fractures and stringers, 1% 80 degrees to core axis quartz stringers.<br>3-5% Calcite chlorite variable angled stringers as fracture filling throughout, generally at low angle cross cutting foliation. | 8421 | 225.80 | 226.80 | 1.00 | .00 | .02 | | |
| | | | 8422 | 226.80 | 227.80 | 1.00 | .02 | | | |
| | | | 8423 | 227.80 | 228.80 | 1.00 | .02 | | | |
| | | | 8424 | 228.80 | 229.80 | 1.00 | .02 | | | |
| | | | 8425 | 229.80 | 230.80 | 1.00 | .02 | | | |
| | | | 8426 | 230.80 | 231.80 | 1.00 | .02 | | | |
| | | | 8427 | 231.80 | 232.80 | 1.00 | .03 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Local hematite stringers (specular hematite?), low angle cross cutting foliation at 15-20 tca. | | | | | | | | |
| | | Lower contact at 55 degrees to core axis. | | | | | | | | |
| 232.80 | 251.60 | GREYWACKE | | | | | | | | |
| | | Green to grey, very mundane looking greywacke, medium to coarse grained, weak 55-60 degrees to core axis foliation. | | | | | | | | |
| | | Patchy weak chlorite alteration with occasional sericite wisps parallel to foliation, patchy weak sericite alteration with depth. | | | | | | | | |
| | | 75-80 Degrees to core axis calcite stringers, local calcite and pink feldspar fracture filling with minor vugs. | | | | | | | | |
| | | Trace coarse grained pyrite in the matrix and on fractures. | | | | | | | | |
| | | Lower contact at 60 tca. | | | | | | | | |
| | | 232.80 Blank ma-07-39, 70-79.5m. | 8428 | 232.80 | 232.80 | .00 | .00 | | .00 | |
| | | | 8429 | 232.80 | 233.80 | 1.00 | .10 | | | |
| 251.60 | 323.00 | MIXED GREYWACKE/BANDED IRON FORMATION | | | | | | | | |
| | | Green to grey with patchy and moderately hematite altered sections, patchy weak to moderately chlorite altered sections. | | | | | | | | |
| | | Fine to medium grained, occasional 55-60 degrees to core axis 1-2mm beds of BANDED IRON FORMATION associated with moderately hematized sections. | | | | | | | | |
| | | Trace coarse grained pyrite with 0.5% locally, 0.5% calcite stringers parallel to foliation and rare epidote stringers. | | | | | | | | |
| | | 0.5% Calcite and chlorite filled fracture cross cutting foliation at 75-80 degrees to core axis and locally parallel to foliation, local pink feldspar. | | | | | | | | |
| | | Minor local broken, fracture zones with local vugs, no visible specular hematite. | | | | | | | | |
| | | Increased with depth patchy hematite alteration and vuggy calcite stringers at 20-30 degrees to core axis and cross cutting foliation at 70 tca. | | | | | | | | |
| | | 251.60 262.40 Moderately hematized section with up 1% thin BANDED IRON FORMATION beds (hematite). | | | | | | | | |
| | | 266.50 270.30 Patchy weak to moderately hematized section with up 1% thin BANDED IRON FORMATION beds (hematite) 1% 60 degrees to core axis epidote stringers. | | | | | | | | |
| | | 286.50 4.00 5 inch patch of sericite alteration (bleached), no visible sulphides. | | | | | | | | |
| | | 318.80 1.5cm stretched pyrite clast?. | | | | | | | | |
| 323.00 | | END OF HOLE | | | | | | | | |

Northing: -
Easting: -
Elevation: 324

Collar Azi.: 341.0
Collar Dip: -50.0

Hole length: 311.00
Units: Metric
Core size: NQ
Materials left: Casing 71m

Collar survey: GPS
DH Survey method: Reflex
Grid: Imperial '87, recut '96/02

Comments: Casing broken, hole cemented
Logged by: H.Daxl
Date(s) logged: July 1-4,'06
Purpose: Test stratigraphy/structure west of 55 Zone
Core storage: Moneta facility, Timmins

DRILL HOLE RECORD

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 131 | 341.0 | -50.0 |
| 182 | 341.0 | -50.0 |
| 284 | 345.0 | -43.8 |
| 311 | 356.0 | -43.4 |

Drill Hole: MA-06-36

Project: 55 Zone
Property: Michaud
Claim: ML 105466
Northing: ~44+00S
Easting: L 68 W
GPS Northing: 5368270 (NAD 27)
GPS Easting: 568945 (NAD 27)
Date Started: April 28, 2006
Date completed: June , 2006
Drilled by: Norex
Sample type: Cut core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 34863-79/903/922-28
Sample Series FA:
FA Report: 6W-2042/2235-RA1
FA Report cont'd:
Metallics Rept:
Check Lab: L'Expert
Check Assay Rept: 14155

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 71.00 | OVERBURDEN<br>Nq rods to 72m, all left in hole, could not change top rod, nw casing left in below 33m. | | | | | | | | | | |
| 71.00 | 77.30 | ARENITE<br>Silicified beige coarse quartz arenite.<br>Beige with dark fractures, frequent up to 5cm quartz-veins some with calcite.<br>Beige likely is alteration, maybe weathering?.<br>50% Core loss, h 7, could be confused with porphyry.<br>Nonmagnetic, local minor fizz (reaction to 10% hcl), much broken core, rqd 15%, local trace pyrite.<br>71.00 Cp 689. | | | | | | | | | | |
| | | 71.00 71.70 No pyrite, no quartz, barren. | 34922 | 71.00 | 71.00 | .00 | 2.06 | | | | | |
| | | | 34923 | 71.00 | 71.70 | .70 | .01 | | | | | |
| | | 71.70 72.40 10% quartz flooding and veinlets, trace pyrite, core loss. | 34924 | 71.70 | 72.40 | .70 | 1.59 | 1.52 | | | | |
| | | 72.40 73.00 20% milky quartz veins, trace pyrite, fitted continuous core. | 34863 | 72.40 | 73.00 | .60 | 2.81 | 3.43 | | | | |
| | | 73.00 74.10 35% vuggy quartz veins with some calcite, barren, core loss. | 34925 | 73.00 | 74.10 | 1.10 | .60 | | | | | |
| | | 74.10 75.00 Barren, core loss. | 34926 | 74.10 | 75.00 | .90 | .09 | | | | | |
| | | 75.00 77.30 5% vuggy quartz veins, more light olive altered to h 4-5, much loss. | 34927 | 75.00 | 77.30 | 2.30 | .05 | | | | | |
| 77.30 | 85.00 | SILTSTONE<br>Gradationally arenite-siltstone, medium gradationally, 30% quartz-arenite like above but medium-gray. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Up to 70cm thick beds 55 degrees to core axis, in dark-gray siltstone, with only few 1cm beige beds of shale. | | | | | | | | | | |
| | | H 7, 6, 3 respectively, nonmagnetic, no fizz, rqd 50%, locally up to 1% pyrite. | | | | | | | | | | |
| | | 77.30 78.40 Gradationally arenite siltstone, local dark crackles with pyrite cubes up to 1mm. | 34928 | 77.30 | 78.40 | 1.10 | .00 | | | | | |
| | | 80.00 80.80 Mostly siltstone, 1% pyrite mostly along black chlorite plating. | 34864 | 80.00 | 80.80 | .80 | .05 | | | | | |
| 85.00 | 101.00 | SILTSTONE | | | | | | | | | | |
| | | Fine bedded siltstone, beige shale. | | | | | | | | | | |
| | | Dark gradationally up to 1cm usually broken but sharp beds of dark-gray siltstone h 6 near 60 degrees to core axis. | | | | | | | | | | |
| | | In some 50% light olive-beige shale h 3, all finely black crackled. | | | | | | | | | | |
| | | Grading into siltstone below starting at 96m. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 85%, local trace pyrite. | | | | | | | | | | |
| | | 91.08 92.15 Trace pyrite. | 34865 | 91.08 | 92.15 | 1.07 | .01 | | | | | |
| | | 95.00 95.96 Trace pyrite. | 34903 | 95.00 | 95.96 | .96 | .03 | | | | | |
| 101.00 | 144.10 | SILTSTONE | | | | | | | | | | |
| | | Magnetic dark-gray siltstone, hornfelsed?. | | | | | | | | | | |
| | | Dark-gray with subtle bedding 50-55 degrees to core axis, h 5 to 113m then mostly h 6-7. | | | | | | | | | | |
| | | Possibly hornfelsed by subparallel gabbroic/diabase dike below. | | | | | | | | | | |
| | | Variably weakly to moderately magnetic more so downhole, but nonmagnetic below 142m, rqd 80%, barren. | | | | | | | | | | |
| | | 105.00 105.90 20% k-feldspar infiltration? moderately magnetic. | 34866 | 105.00 | 105.90 | .90 | .01 | | | | | |
| | | 116.00 116.95 Moderately magnetic. | 34867 | 116.00 | 116.95 | .95 | .01 | | | | | |
| | | 121.00 126.00 Faultzone? k-spar-epidote veins and local alteration across bedding. | | | | | | | | | | |
| | | Locally broken core, some ground up, barren. | | | | | | | | | | |
| | | 122.50 123.32 20% k-spar - epidote breccia matrix, moderately magnetic. | 34868 | 122.50 | 123.32 | .82 | .04 | | | | | |
| | | 134.36 135.06 Weakly magnetic, 2% calcite veinlets, few 1mm pyrite cubes. | 34869 | 134.36 | 135.06 | .70 | .01 | | | | | |
| 144.10 | 311.00 | GABBRO | | | | | | | | | | |
| | | Nonmagnetic greenish-gray gabbroic/diabase dike, may be subparallel degrees to core axis. | | | | | | | | | | |
| | | Medium greenish-gray as plagioclase is pale green, aphanitic grades into fine-grained at 155m and medium-grained of 2mm at 165m, massive, h 6-7. | | | | | | | | | | |
| | | Nonmagnetic but two coarse spots at 253.60 and 255.40m are moderately magnetic. | | | | | | | | | | |
| | | No fizz but 3cm chlorite-calcite at 308.5, rqd near 60% to 182m, then 85% except 65% at 261-292m, locally rare pyrite. | | | | | | | | | | |
| | | 144.95 146.30 Fault? 5 degrees to core axis, due to subparallel conract of diabase dike, broken core, minor grinding. | | | | | | | | | | |
| | | 149.40 150.25 20% k-spar vein? with infiltration and epidote halo. | 34870 | 149.40 | 150.25 | .85 | .01 | | | | | |
| | | 193.15 194.00 40% epidotized. | 34871 | 193.15 | 194.00 | .85 | .01 | | | | | |
| | | 233.00 233.35 K-spar-rich brown-gray dike 50 degrees to core axis, no halo but quartz veinlet with epidote halo at 232.70 and 234.50. | | | | | | | | | | |
| | | 240.22 240.87 Epidote-gabbroic dike 40 degrees to core axis, | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | medium-grained, no chill zone. | | | | | | | | | | |
| | | 243.40 243.82 Blank. | 34879 | 243.40 | 243.82 | .42 | .00 | | | | | |
| | | 253.60 253.70 Magnetic deuteric diabase dike 17 degrees to core axis, 5cm thick, 5mm grains, no fizz, few pyrite cubes, another at 255.40m. | | | | | | | | | | |
| | | 256.52 257.00 60% quartz-epidote-pyrite vein 22 degrees to core axis, no halo. | 34872 | 256.52 | 257.00 | .48 | .00 | | | | | |
| | | 257.00 Test pulp 577, avg. Of 4 1.11 g/t gold. | 34873 | 257.00 | 257.00 | .00 | 1.17 | | | | | |
| | | 287.60 291.00 Fault, much broken core, estimate 1m core ground, some gouge. | | | | | | | | | | |
| | | 291.40 291.90 10% quartz vein 47 degrees to core axis, 20% epidote halo. | 34874 | 291.40 | 291.90 | .50 | .09 | | | | | |
| | | 300.61 301.55 8% chlorite cusps, 15% epidote veins and infiltration. | 34875 | 300.61 | 301.55 | .94 | .01 | | | | | |
| | | 301.55 Blank core. | 34876 | 301.55 | 301.55 | .00 | .00 | | | | | |
| | | 302.16 303.70 Fine syenite dike with 40% green mafics, chilled margin 20 degrees to core axis, some cracks with chlorite-epidote-trace quartz only uphole to 299.50m. | | | | | | | | | | |
| 311.00 | | END OF HOLE | | | | | | | | | | |
| | | Note: from contact angles and long intersections of hornfelsed magnetic siltstone and fine-grained margin this nonmagnetic gabbroic/diabase dike runs almost parallel to this drill hole. | | | | | | | | | | |
| | | As per two magnetic coarse deuteric dikes the hole may not have reached the center of the dike. | | | | | | | | | | |

DRILL HOLE RECORD

| | |
|---|---|
| Northing: | 5368655 |
| Easting: | 569160 |
| Elevation: | 328 |
| Collar Azi.: | 161.0 |
| Collar Dip: | -50.0 |
| Hole length: | 299.00 |
| Units: | Metric |
| Core size: | NQ |
| Materials left: | Casing 63m |
| Collar survey: | GPS/grid |
| DH Survey method: | Reflex |
| Grid: | Imperial '87, recut '96/02 |
| Comments: | Casing broken, hole cemented |
| Logged by: | H.Daxl |
| Date(s) logged: | July 1-4,'06 |
| Purpose: | Test stratigraphy/structure Dyment3 |
| Core storage: | Moneta facility, Timmins |

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 62 | 160.0 | -47.1 |
| 161 | 159.0 | -44.4 |
| 221 | 158.0 | -42.8 |
| 290 | 160.0 | -41.6 |

| | |
|---|---|
| Drill Hole: | MA-06-37 |
| Project: | 55 Zone |
| Property: | Michaud |
| Claim: | ML 105466 |
| Northing: | 34+31 S |
| Easting: | L 56+82 W |
| GPS Northing: | 5368655 (NAD 27) |
| GPS Easting: | 569160 (NAD 27) |
| Date Started: | May , 2006 |
| Date completed: | June, 2006 |
| Drilled by: | Norex |
| Sample type: | Cut core |
| Analyses: | Au 30g FA |
| Lab FA: | Swastika |
| Sample Series FA: | 34822- 150 -129 |
| Sample Series FA: | |
| FA Report: | 6W-2235/2301/2323-RA1 |
| FA Report cont'd: | |
| Metallics Rept: | |
| Check Lab: | L'Expert |
| Check Assay Rept: | 14155 |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 48.00 | OVERBURDEN<br>Coring at 48m probably in bedrock, casing (nw) left in hole. | | | | | | | | | | |
| 48.00 | 49.15 | ULTRAMAFIC VOLCANIC<br>Dark brownish-gray fine pyroxenite.<br>K-spar infiltration below 48.65m and minor fizz (10% hcl) above it, h 5-7<br>Weakly magnetic throughout, no fizz below 48.65m.<br>Rqd 60%, some grinding but seems to be bedrock.<br>Up to 1% very fine pyrite where k-spar.<br>48.65 49.15 1% very fine pyrite and k-spar. | 34822 | 48.65 | 49.15 | .50 | .00 | | | | | |
| 49.15 | 115.50 | SILTSTONE<br>Medium greenish-gray siltstone, k-spar halos, some diffuse bedding 45 degrees to core axis.<br>Brownish halos increase downhole and are near 25% at 80-98m, then very minor.<br>Several quartz veins up to 8cm thick with minor k-spar, pyrite selvage and halo.<br>Crosscutting bedding 55 degrees to core axis or more and crackles, increasing towards 15% at 80-83m, then diminishing downhole to 1% below 105m.<br>H 4 where fine unaltered, to h 6 where brownish or coarser tending to sandstone.<br>Nonmagnetic, no fizz.<br>Rqd varies 65-90%, with minor local broken core. | | | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Few local seams of weathering more abundant at 97-105m with rqd as low as 40%. | | | | | | | | | | |
| 49.15 | 50.22 | Set of 3 quartz veins up to 1cm 60-80 degrees to core axis across beds, minor halo, rare up to 1mm pyrite in vein. | 34929 | 49.15 | 50.22 | 1.07 | .72 | | | | | |
| | | | 34930 | 54.05 | 54.45 | .40 | .00 | | | | | |
| 61.18 | 62.00 | Barren, 15% shale beds. | 34823 | 61.18 | 62.00 | .82 | .00 | | | | | |
| | | | 34931 | 69.00 | 69.98 | .98 | .01 | | | | | |
| 69.98 | | Blank core. | 34932 | 69.98 | 69.98 | .00 | .00 | | | | | |
| | | | 34933 | 69.98 | 70.57 | .59 | .00 | | | | | |
| 70.57 | 71.83 | 10cm core loss. | 34934 | 70.57 | 71.83 | 1.26 | .00 | | | | | |
| | | | 34935 | 71.83 | 72.37 | .54 | .03 | | | | | |
| | | | 34936 | 72.37 | 72.90 | .53 | .02 | | | | | |
| 72.90 | 73.50 | 1cm quartz vein 65 degrees to core axis across bedding with up to 3mm pyrite in quartz, minor halo. | 34937 | 72.90 | 73.50 | .60 | .46 | .49 | | | | |
| 73.50 | 74.40 | 20% quartz veins, large ones convoluted, small ones 55-60 degrees to core axis, halo with pyrite. | 34824 | 73.50 | 74.40 | .90 | 2.76 | | | | | |
| | | | 34938 | 74.40 | 74.95 | .55 | .07 | | | | | |
| | | | 34939 | 74.95 | 75.54 | .59 | .01 | | | | | |
| 75.54 | 75.96 | 8% halo 75 degrees to core axis with fair pyrite but only 1mm quartz veinlet and h 7. | 34940 | 75.54 | 75.96 | .42 | 1.20 | | | | | |
| 75.96 | 76.36 | 3cm quartz vein 65 degrees to core axis, few up to 2mm pyrite in quartz, halo with some pyrite. | 34941 | 75.96 | 76.36 | .40 | 1.67 | 1.78 | | | | |
| | | | 34942 | 76.36 | 77.15 | .79 | .00 | | | | | |
| 77.15 | 77.56 | 2 vuggy barren quartz veins up to 1cm across bedding, very minor halo. | 34943 | 77.15 | 77.56 | .41 | .96 | | | | | |
| | | | 34944 | 77.56 | 78.17 | .61 | .00 | | | | | |
| | | | 34945 | 78.17 | 78.80 | .63 | .00 | | | | | |
| | | | 34946 | 78.80 | 79.35 | .55 | .00 | | | | | |
| | | | 34947 | 79.35 | 80.00 | .65 | .03 | | | | | |
| 80.00 | | Blank core. | | | | | | | | | | |
| 80.00 | 80.50 | 10% crackles, some ochre, convoluted quartz veinlets with halo and pyrite. | 34948 | 80.00 | 80.00 | .00 | .00 | | | | | |
| | | | 34825 | 80.00 | 80.50 | .50 | 3.60 | 3.36 | | | | |
| 80.50 | 81.30 | 20% parallel quartz veins, 9 + 1cm 50 degrees to core axis, 2cm 65 degrees to core axis, pyrite mostly in halo. | 34826 | 80.50 | 81.30 | .80 | 3.28 | | | | | |
| 81.30 | 81.90 | 5% veins, 1cm quartz-albite (?) vein 60 degrees to core axis with trace pyrite, hardly a halo. | 34827 | 81.30 | 81.90 | .60 | .12 | | | | | |
| 81.90 | 82.40 | 20% veins, 3cm quartz vein 48 degrees to core axis flanked by smaller, minor halo with trace pyrite. | 34828 | 81.90 | 82.40 | .50 | .46 | | | | | |
| 82.40 | 83.00 | 5cm quartz vein 40 degrees to core axis, minor halo with minor pyrite, trace pyrite in vein. | 34829 | 82.40 | 83.00 | .60 | 1.04 | .96 | | | | |
| 83.00 | | Blank core. | 34830 | 83.00 | 83.00 | .00 | .02 | | | | | |
| | | | 34949 | 83.00 | 83.80 | .80 | .00 | | | | | |
| | | | 34950 | 83.80 | 84.44 | .64 | .00 | | | | | |
| | | | 34951 | 84.44 | 85.21 | .77 | .00 | | | | | |
| | | | 34952 | 85.21 | 85.90 | .69 | .00 | | | | | |
| 85.90 | 86.85 | 1% pyrite cubes up to 0.1mm condensed as local streaks and in finer beds. | 34953 | 85.90 | 86.85 | .95 | .00 | | | | | |
| | | | 34954 | 86.85 | 87.15 | .30 | .03 | | | | | |
| 87.15 | 87.94 | 2cm quartz veining with minor alteration, 10% quartz crackles, rare local pyrite. | 34955 | 87.15 | 87.94 | .79 | .20 | | | | | |
| 87.94 | 88.51 | 4mm quartz vein with much pyrite, 85 degrees to core axis, few others barren. | 34956 | 87.94 | 88.51 | .57 | .87 | .72 | | | | |
| | | | 34957 | 88.51 | 89.00 | .49 | .00 | | | | | |
| | | | 34958 | 89.00 | 89.58 | .58 | .00 | | | | | |
| 89.58 | 90.28 | 5% vein 68 degrees to core axis, some very fine specularite plating. | 34889 | 89.58 | 90.28 | .70 | .21 | | | | | |
| | | | 34959 | 90.28 | 91.17 | .89 | .03 | | | | | |
| | | | 34960 | 91.17 | 92.00 | .83 | .01 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 92.00 92.27 Few local groupings of up to 20% up to 0.5mm pyrite but none in quartz crackles. | 34961 | 92.00 | 92.27 | .27 | .00 | | | | | |
| | | | 34962 | 92.27 | 93.19 | .92 | .00 | | | | | |
| | | | 34963 | 93.19 | 94.35 | 1.16 | .00 | | | | | |
| | | | 34964 | 94.35 | 95.00 | .65 | .00 | | | | | |
| | | 95.00 Cp 690: 1.16/1.10 exp, 1.20 sw. | | | | | | | | | | |
| | | 95.00 95.76 Trace pyrite as few local very fine disseminations and streaks. | 34965 | 95.00 | 95.00 | .00 | 1.24 | | | | | |
| | | | 34966 | 95.00 | 95.76 | .76 | .00 | | | | | |
| | | 95.76 96.43 5% crackles. | 34831 | 95.76 | 96.43 | .67 | .01 | | | | | |
| | | | 34967 | 96.43 | 97.35 | .92 | .04 | | | | | |
| | | 97.35 98.20 25% ochre alteration especially at 2 quartz veins with ochre. 15cm loss. | 34968 | 97.35 | 98.20 | .85 | .14 | | | | | |
| | | 98.20 Blank core. | | | | | | | | | | |
| | | 98.20 99.45 1cm vuggy quartz vein 40 tca. 4% quartz crackles, one with halo. All barren. | 34969 | 98.20 | 98.20 | .00 | .01 | | | | | |
| | | | 34970 | 98.20 | 99.45 | 1.25 | .02 | | | | | |
| | | 103.60 104.33 Few diffuse up to 2mm pyrite-rich beds mostly without halo, some with shale. | 34890 | 103.60 | 104.33 | .73 | .02 | | | | | |
| | | | 34971 | 109.30 | 110.20 | .90 | .02 | | | | | |
| | | | 34972 | 110.82 | 111.25 | .43 | .01 | | | | | |
| | | | 34973 | 111.89 | 112.73 | .84 | .01 | | | | | |
| | | | 34974 | 114.79 | 115.90 | 1.11 | .01 | | | | | |
| 115.50 | 124.90 | ARKOSE<br>Some transition upward to 114m from sharp contact.<br>Pink-brown, coarser, harder, more quartz veins than above but does not seem to be alteration.<br>Similar abrupt contact below, h 7 except for rare finer beds.<br>5% Quartz-albite(?) as veinlets, one 10cm, and crackles.<br>One crosscuts a 5mm sharp limonitized selvage that has a specularite veinlet in center which offsets it (34832).<br>Limonitization may not be due to weathering like the several other sandy-muddy seams in the area suggest.<br>May be of the same kind but variably weathered.<br>Nonmagnetic, no fizz, rqc varies around 70%.<br>Minor local hematite plating, rare trace pyrite. | | | | | | | | | | | |
| | | 115.90 116.12 1% specularite, 10% limonitized, fresh, not weathered. | 34832 | 115.90 | 116.12 | .22 | .02 | | | | | |
| | | | 34975 | 116.12 | 116.55 | .43 | .00 | | | | | |
| | | 116.55 116.95 50% limonitized, 1% specularite, may be weathered. | 34833 | 116.55 | 116.95 | .40 | .04 | | | | | |
| | | | 34976 | 116.95 | 117.65 | .70 | .02 | | | | | |
| | | | 34977 | 117.65 | 118.68 | 1.03 | .07 | | | | | |
| | | 118.68 118.88 1cm quartz-albite (?) vein 60 degrees to core axis with up to 5mm pyrite but no halo. Pyrite bed?. | 34978 | 118.68 | 118.88 | .20 | .63 | .49 | | | | |
| | | | 34979 | 118.88 | 119.23 | .35 | .13 | | | | | |
| | | 119.23 119.41 30% quartz vein cut by quartz-vein with albite 'ladders, 1% specularite, no halo normal pyrite, fresh. | 34834 | 119.23 | 119.41 | .18 | .33 | | | | | |
| | | 119.41 119.75 50% limonitized, traces specularite and pyrite, maybe weathered. | 34835 | 119.41 | 119.75 | .34 | .33 | | | | | |
| | | | 34980 | 119.75 | 120.30 | .55 | .01 | | | | | |
| | | 120.30 121.05 20% quartz-feldspar crackles, few lmm quartz-veinlets with minor pyrite, no halo, local trace pyrite, local limonite. | 34836 | 120.30 | 121.05 | .75 | .95 | | | | | |
| | | | 34981 | 121.05 | 122.10 | 1.05 | .03 | | | | | |
| | | 122.10 122.30 1% pyrite mostly in chloritized siltbed. | 34837 | 122.10 | 122.30 | .20 | .05 | | | | | |
| | | 122.30 123.10 50% limonitized, maybe weathered, 5% vuggy quartz veins. | 34838 | 122.30 | 123.10 | .80 | .05 | | | | | |
| | | 123.10 124.05 2mm quartz veinlet with several 1mm pyrite. | 34982 | 123.10 | 124.05 | .95 | .26 | .56 | | | | |
| | | | 34983 | 124.05 | 125.00 | .95 | .03 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124.90 | 155.40 | SANDSTONE | | | | | | | | | | |
| | | Arkosic, medium green-gray to pink-brown gradual zones. | 34984 | 125.90 | 126.64 | .74 | .01 | | | | | |
| | | Possibly k-spar alteration as per few halos along quartz-feldspar veinlets, h 5-7. | 34985 | 128.28 | 129.05 | .77 | .01 | | | | | |
| | | Quartz-albite(?) veinlets 2-5% to 140m then 8%. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 95% to 134m, then variably near 85% due to several crumbly weathering seams with limonite especially at 154-154.80m, where is subparallel to core axis. | | | | | | | | | | |
| | | Local trace pyrite. | | | | | | | | | | |
| | | 129.05 Cp 691: 0.88/0.93/0.91 sw, 0.78 exp. | 34986 | 129.05 | 129.05 | .00 | 1.13 | | | | | |
| | | | 34987 | 129.05 | 129.67 | .62 | .01 | | | | | |
| | | | 34988 | 129.67 | 130.27 | .60 | .01 | | | | | |
| | | 130.27 130.72 Local up to 1% pyrite, sedimentary. | 34989 | 130.27 | 130.72 | .45 | .01 | | | | | |
| | | 130.72 131.53 Local up to 1% pyrite, sedimentary. | 34990 | 130.72 | 131.53 | .81 | .00 | | | | | |
| | | | 34991 | 131.53 | 132.50 | .97 | .01 | | | | | |
| | | | 34992 | 132.50 | 133.30 | .80 | .00 | | | | | |
| | | | 34993 | 133.30 | 134.00 | .70 | .01 | | | | | |
| | | | 34994 | 134.00 | 134.43 | .43 | .00 | | | | | |
| | | | 34995 | 134.43 | 134.80 | .37 | .02 | | | | | |
| | | 134.80 135.01 10% crackles, 4mm quartz vein 60 degrees to core axis, moderate halo with pyrite, fresh. | 34839 | 134.80 | 135.01 | .21 | 1.30 | | | | | |
| | | 135.01 135.81 40% limonitized, maybe weathered. | 34840 | 135.01 | 135.81 | .80 | .12 | | | | | |
| | | 135.81 136.25 Few quartz veinlets, minor halos, no pyrite. | 34996 | 135.81 | 136.25 | .44 | .02 | | | | | |
| | | | 34997 | 136.25 | 137.00 | .75 | .01 | | | | | |
| | | | 34998 | 137.00 | 137.75 | .75 | .01 | | | | | |
| | | | 34999 | 137.75 | 138.42 | .67 | .01 | | | | | |
| | | | 35000 | 138.42 | 139.20 | .78 | .01 | | | | | |
| | | | 15001 | 139.20 | 140.00 | .80 | .02 | | | | | |
| | | | 15002 | 140.00 | 140.30 | .30 | .09 | | | | | |
| | | 140.30 Blank core. | | | | | | | | | | |
| | | 140.30 141.10 6% quartz veins up to 1cm 65-80 degrees to core axis with some pyrite but hardly a halo, 0.5% very fine pyrite. | 15003 | 140.30 | 140.30 | .00 | .02 | | | | | |
| | | | 34841 | 140.30 | 141.10 | .80 | 1.79 | | | | | |
| | | 141.10 141.90 Few 1mm quartz veinlets with minor halo, no pyrite, some ochre. | 15004 | 141.10 | 141.90 | .80 | .35 | | | | | |
| | | 141.90 142.40 Few up to 3mm quartz veinlets, minor halos, both with trace pyrite. | 15005 | 141.90 | 142.40 | .50 | .40 | | | | | |
| | | 142.40 143.10 Like 15005 and 1cm barren quartz vein without halo. | 15006 | 142.40 | 143.10 | .70 | .63 | .64 | | | | |
| | | 143.10 143.70 Few 5mm quartz veins, some halo, both with some pyrite, 75 degrees to core axis. | 34842 | 143.10 | 143.70 | .60 | 1.12 | | | | | |
| | | 143.70 144.35 Quartz veins become thicker and easier to tell from the albite (?) crackles, 75 degrees to core axis. | 34843 | 143.70 | 144.35 | .65 | 1.28 | | | | | |
| | | 144.35 Cp 691, avg. Of 3 0.86 g/t gold. | | | | | | | | | | |
| | | 144.35 144.85 No features. | 34844 | 144.35 | 144.35 | .00 | .91 | | | | | |
| | | | 15007 | 144.35 | 144.85 | .50 | .02 | | | | | |
| | | 144.85 145.55 5mm quartz vein with ochre 40 tca. Few 1mm quartz veins with some pyrite halos. | 15008 | 144.85 | 145.55 | .70 | .60 | | | | | |
| | | | 15009 | 145.55 | 146.00 | .45 | .06 | | | | | |
| | | | 15010 | 146.00 | 146.92 | .92 | .00 | | | | | |
| | | 146.92 147.77 Only albite (?) crackles, 5 % ochre seams. | 15011 | 146.92 | 147.77 | .85 | .15 | | | | | |
| | | 147.77 148.33 No features. | 15012 | 147.77 | 148.33 | .56 | .01 | | | | | |
| | | 148.33 148.84 6% albite (?) crackles, 15% limonitized orange brown, some pyrite plating. | 34891 | 148.33 | 148.84 | .51 | .26 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 148.84 149.22 10% albite (?) crackles, no gradationally quartz veinlets, trace pyrite. | 34892 | 148.84 | 149.22 | .38 | .00 | | | | | |
| | | 149.22 Test pulp 690, avg. Of 2 1.13 g/t gold. | | | | | | | | | | |
| | | 149.22 149.72 No features. | 34893 | 149.22 | 149.22 | .00 | 1.24 | | | | | |
| | | | 15013 | 149.22 | 149.72 | .50 | .02 | | | | | |
| | | 149.72 150.52 Only the usual few quartz-albite (?) stringers or crackles. | 15014 | 149.72 | 150.52 | .80 | .03 | | | | | |
| | | 150.52 151.11 Few up to 5mm quartz veinlets, minor halo, both with minor pyrite, some adjacent pyrite seams. | 15015 | 150.52 | 151.11 | .59 | .84 | 1.21 | | | | |
| | | 151.11 151.80 1cm quartz vein with ochre halo. | 15016 | 151.11 | 151.80 | .69 | .33 | | | | | |
| | | 151.80 152.54 3% albite stringers or crackles. | 15017 | 151.80 | 152.54 | .74 | .01 | | | | | |
| | | 152.54 152.99 2% gradationally calcite druses with minor quartz, much ochre. | 15018 | 152.54 | 152.99 | .45 | .08 | | | | | |
| | | 152.99 153.46 2% ochre-calcite-quartz vein, 50% ochre halo with oxidized cubes after pyrite (?}. | 15019 | 152.99 | 153.46 | .47 | 1.17 | 1.11 | | | | |
| | | 153.46 154.00 Trace pyrite. | 15020 | 153.46 | 154.00 | .54 | .34 | | | | | |
| | | 154.00 154.85 15% limonite seam 0 degrees to core axis with quartz, trace pyrite, limonite crackles, fizz. | 34845 | 154.00 | 154.85 | .85 | 3.36 | | | | | |
| | | 154.85 155.49 Local halo with pyrite. | 15021 | 154.85 | 155.49 | .64 | .83 | | | | | |
| 155.40 | 156.65 | GREYWACKE | | | | | | | | | | |
| | | Turbidite-fining (tops) downhole. | | | | | | | | | | |
| | | Sharp cm-beds of pink-brown or green-gray sandstone interbedded with green-beige tops of shale. | | | | | | | | | | |
| | | Several graded beds fining downhole indicate tops are downhole. | | | | | | | | | | |
| | | H 3-6, harder where coarser, bedding 40-45 degrees to core axis. | | | | | | | | | | |
| | | Few pink-brown sandstone beds with quartz tension gashes, some also with hematite crackling, not sheared. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 90%, local trace pyrite. | | | | | | | | | | |
| | | 155.49 156.05 10% crackled pink-brown sandstone beds, graded turbidite beds fining downhole, barren. | 34894 | 155.49 | 156.05 | .56 | .02 | | | | | |
| | | 156.05 156.60 Turbidite. | 15022 | 156.05 | 156.60 | .55 | .10 | | | | | |
| | | | 15023 | 156.60 | 157.70 | 1.10 | .00 | | | | | |
| 156.65 | 171.10 | SILTSTONE DEBRIS FLOW | | | | | | | | | | |
| | | Green-gray siltstone, debris flow?, with various pink-brown arkosic sandstone debris that have quartz-albite(?) tension gashes. | 15024 | 157.70 | 158.38 | .68 | .01 | | | | | |
| | | | 15025 | 158.38 | 159.50 | 1.12 | .02 | | | | | |
| | | Very few other up to 1cm such veins, some with specularite selvage, bedding 50 tca. H 3-6. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 80-90%, rare local trace pyrite, locally minor specularite plating or particularly of cement. | | | | | | | | | | |
| | | 159.50 Cp 689: 2.57/2.40 exp, 2.09 sw. | 15026 | 159.50 | 159.50 | .00 | 2.02 | | | | | |
| | | | 15027 | 159.50 | 160.53 | 1.03 | .03 | | | | | |
| | | | 15028 | 160.53 | 160.98 | .45 | .02 | | | | | |
| | | | 15029 | 160.98 | 161.50 | .52 | .30 | | | | | |
| | | 161.50 161.69 Mostly silicified beige-brown sandstone, 1cm quartz vein with pyrite 60 degrees to core axis but subparallel to bedding, tourmaline(?)-pyrite selvage, beige halo with trace pyrite, older crackles. | 34846 | 161.50 | 161.69 | .19 | 4.53 | 4.05 | | | | |
| | | | 15030 | 161.69 | 162.35 | .66 | .00 | | | | | |
| | | | 15031 | 162.35 | 163.40 | 1.05 | .00 | | | | | |
| | | 164.56 165.14 1cm quartz vein 50 degrees to core axis with some pyrite, dark selvage, no halo, parallel to bedding. | 15032 | 164.56 | 165.14 | .58 | .29 | | | | | |
| | | 167.45 168.02 Mostly arkosic sandstone with specularite in | 34847 | 167.45 | 168.02 | .57 | .04 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | quartz-feldspar crackles. | 15033 | 168.02 | 168.63 | .61 | .02 | | | | | |
| | | 169.54 170.20 1cm quartz vein 75 degrees to core axis, 45 degrees to beds. Also quartz-albite-kspar vein with halo, pyrite in both. | 15034 | 169.54 | 170.20 | .66 | .56 | | | | | |
| 171.10 | 179.85 | FELDSPAR PORPHYRY DYKE<br>25% Up to 3mm albite(?) phenocrysts in redbrown mass. No chill normal hornfels, h 7.<br>Few up to 5mm quartz-feldspar veinlets, no crackles unlike arkose.<br>Nonmagnetic, no fizz, rqd 80-25% downhole due to vuggy calcite veinlets. | | | | | | | | | | |
| | | 172.27 172.70 10% quartz-white feldspar veins, 2% calcite vein at contact to 25% siltstone sliver. | 34848 | 172.27 | 172.70 | .43 | .02 | | | | | |
| | | 172.58 175.65 Siltstone sliver. | | | | | | | | | | |
| | | 178.53 179.05 5mm quartz vein 65 degrees to core axis, barren, no halo, in feldspar porphyry. | 15035 | 178.53 | 179.05 | .52 | .00 | | | | | |
| | | 179.05 179.85 Much drill rubble but barren. | 15036 | 179.05 | 179.85 | .80 | .01 | | | | | |
| 179.85 | 195.90 | SILTSTONE DEBRIS FLOW<br>Green-gray siltstone debris flow as before.<br>30% Arkose cobbles up to 10cm mostly with various quartz crackles and tension gashes to 10% downhole where matrix is shale with black hematitic crackles.<br>Bedding 50 degrees to core axis, rqd 70% below 193m due to shale, top of debris flow?. | | | | | | | | | | |
| | | 179.85 180.43 6mm quartz-albite(?) vein 90 degrees to core axis, few crackles. | 15037 | 179.85 | 180.43 | .58 | .12 | | | | | |
| | | 180.43 180.75 2% very fine pyrite cubes and plating, 15% quartz-white feldspar matrix and veins. | 34895 | 180.43 | 180.75 | .32 | 5.27 | | | | | |
| | | 180.75 Blank core. | | | | | | | | | | |
| | | 180.75 180.91 1cm milky quartz vein 82 degrees to core axis, minor halo, minor pyrite in both. | 34896 | 180.75 | 180.75 | .00 | .02 | | | | | |
| | | | 15038 | 180.75 | 180.91 | .16 | 1.85 | 1.63 | | | | |
| | | 180.91 Cp 690: 1.16/1.10 exp, 1.20 sw. | | | | | | | | | | |
| | | 180.91 181.21 No features. | 15039 | 180.91 | 180.91 | .00 | 1.22 | | | | | |
| | | | 15040 | 180.91 | 181.21 | .30 | .07 | | | | | |
| | | 181.21 181.76 5% quartz-feldspar veinlets, minor breccia, black hematitic matrix, trace pyrite. | 34849 | 181.21 | 181.76 | .55 | .19 | | | | | |
| | | 181.76 182.33 Few crackles. | 15041 | 181.76 | 182.33 | .57 | .13 | | | | | |
| | | 182.33 182.75 10% up to 2cm quartz veins near 90 degrees to core axis, pyrite in halo and vein, cut by ladder vein. | 15042 | 182.33 | 182.75 | .42 | 1.58 | 1.60 | | | | |
| | | 182.75 Blank core. | | | | | | | | | | |
| | | 182.75 183.25 5% vuggy quartz-albite (?) vein, some crackles. | 15043 | 182.75 | 182.75 | .00 | .01 | | | | | |
| | | | 15044 | 182.75 | 183.25 | .50 | .21 | | | | | |
| | | 183.25 183.65 Few crackles. | 15045 | 183.25 | 183.65 | .40 | .04 | | | | | |
| | | 183.65 184.00 10% milky quartz-albite (?) veins up to 1.5cm across beds, 70-85 degrees to core axis, minor orange brown halo, minor pyrite in both. | 34897 | 183.65 | 184.00 | .35 | 4.18 | | | | | |
| | | 184.00 184.65 10% arkose cobbles with tension gashes, few crackles. | 15046 | 184.00 | 184.65 | .65 | .00 | | | | | |
| | | 184.65 185.10 1% pyrite as very fine disseminated cubes and plating, else like 34897. | 34898 | 184.65 | 185.10 | .45 | 3.76 | | | | | |
| | | | 15047 | 185.10 | 185.67 | .57 | .34 | | | | | |
| | | | 15048 | 185.67 | 186.35 | .68 | .34 | | | | | |
| | | 186.35 186.65 1cm quartz-albite (?) veinlet 45 degrees to core axis, 5cm | 34850 | 186.35 | 186.65 | .30 | 3.28 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | brownish halo with 1% pyrite in both. | | | | | | | | | | |
| | | 186.65 187.30 Few 1mm quartz-albite(?) veinlets 70-90 degrees to core axis, much pyrite in halos. | 15049 | 186.65 | 187.30 | .65 | .76 | | | | | |
| | | 187.30 187.80 5mm quartz-albite(?) vein 80 degrees to core axis with halo, pyrite in both, chalcopyrite grain. | 15050 | 187.30 | 187.80 | .50 | .81 | | | | | |
| | | 187.80 Blank core. | 15051 | 187.80 | 187.80 | .00 | .00 | | | | | |
| | | | 15052 | 187.80 | 188.46 | .66 | .27 | | | | | |
| | | | 15053 | 188.46 | 189.54 | 1.08 | | | | | | |
| | | 192.10 192.84 50% crackled arkose, some breccia of hematitic shale, trace pyrite. | 34851 | 192.10 | 192.84 | .74 | .11 | | | | | |
| 195.90 | 212.00 | SANDSTONE | | | | | | | | | | |
| | | Arkosic medium red-brown sandstone, 10% quartz-albite(?) crackles disappear downhole to transition near 212m as bedding 50-45 degrees to core axis becomes visible, h 6-7. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 80%, local up to 1% very fine disseminated pyrite, also local specularite plating. | | | | | | | | | | |
| | | 195.90 Minor fault, 5mm gouge. | | | | | | | | | | |
| | | 198.00 198.95 1 cm quartz vein 80 degrees to core axis, across bed, no halo. | 15054 | 198.00 | 198.95 | .95 | .88 | .80 | | | | |
| | | 198.95 199.65 1cm quartz vein 60 degrees to core axis with 1mm pyrite, across bed, no halo. | 15055 | 198.95 | 199.65 | .70 | .31 | | | | | |
| | | | 15056 | 199.65 | 200.25 | .60 | .05 | | | | | |
| | | 200.25 200.54 10% up to 1cm quartz veins, 1% pyrite. | 34852 | 200.25 | 200.54 | .29 | .11 | | | | | |
| | | 200.54 200.84 1cm quartz vein 70 degrees to core axis, across bed, no halo. | 15057 | 200.54 | 200.84 | .30 | .10 | | | | | |
| | | | 15058 | 200.84 | 201.64 | .80 | .00 | | | | | |
| | | 201.64 202.32 Vuggy crackles with hematite and pyrite. | 15059 | 201.64 | 202.32 | .68 | .12 | | | | | |
| | | | 15060 | 202.32 | 203.00 | .68 | .22 | | | | | |
| | | 203.00 203.35 30% weathered? along calcite vugs and silicification. | 34853 | 203.00 | 203.35 | .35 | .28 | | | | | |
| | | 203.35 204.21 Two 0.5cm quartz veins, 80 and 68 degrees to core axis, across beds, with 2mm pyrite, no halo. | 15061 | 203.35 | 204.21 | .86 | .17 | | | | | |
| | | 204.21 205.27 Some pyrite. | 15062 | 204.21 | 205.27 | 1.06 | .00 | | | | | |
| | | 205.27 205.87 0.3% pyrite, trace specularite plating, 2% crosscutting quartz veinlet. | 34899 | 205.27 | 205.87 | .60 | .60 | | | | | |
| | | 205.87 206.60 Some pyrite, no veins. | 15063 | 205.87 | 206.60 | .73 | .00 | | | | | |
| | | 206.60 207.48 Two shale beds. | 15064 | 206.60 | 207.48 | .88 | .05 | | | | | |
| | | 207.48 208.24 No veins, barren. | 15065 | 207.48 | 208.24 | .76 | .02 | | | | | |
| | | 208.24 208.71 Ladder veins. | 15066 | 208.24 | 208.71 | .47 | .00 | | | | | |
| | | 208.71 Cp 691: 0.88/0.93/0.91 sw, 0.78 exp. | 15067 | 208.71 | 208.71 | .00 | .98 | | | | | |
| | | | 15068 | 209.57 | 210.57 | 1.00 | .00 | | | | | |
| 212.00 | 238.25 | SILTSTONE DEBRIS FLOW | | | | | | | | | | |
| | | Similar to the one above, 50% brown arkose interbeds to cobbles with tension gashes disappear downhole, several 1cm beds of pale-olive shale to 216m. | | | | | | | | | | |
| | | Few other quartz veins up to 15cm, h 6 to 235m as matrix is coarser greenish to brownish gradationally siltstone, then h 4-6 due to clay content but green-gray, beds near 50 degrees to core axis. | | | | | | | | | | |
| | | Nonmagnetic, no fizz, rqd 80%, local up to 1% very fine pyrite. | | | | | | | | | | |
| | | 213.77 214.43 Includes shale beds and hematite. | 15069 | 213.77 | 214.43 | .66 | .02 | | | | | |
| | | 214.43 215.10 Includes shale beds and hematite. | 15070 | 214.43 | 215.10 | .67 | .00 | | | | | |
| | | 215.10 215.70 Includes shale beds and hematite. | 15071 | 215.10 | 215.70 | .60 | .02 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 215.70 216.35 Two quartz veins 0.5 and 1cm, 80 degrees to core axis, 1mm pyrite, hematite, no halo. | 15072 | 215.70 | 216.35 | .65 | 1.23 | | | | | |
| | | 216.35 216.91 10% quartz vein with white feldspar ladder, 28 degrees to core axis, across bedding, trace specularite plating, trace pyrite. | 34854 | 216.35 | 216.91 | .56 | .10 | | | | | |
| | | 216.91 217.17 1cm quartz vein, 55 degrees to core axis, 1mm pyrite, halo with very fine pyrite. | 15073 | 216.91 | 217.17 | .26 | 1.65 | | | | | |
| | | | 15107 | 217.17 | 217.71 | .54 | .02 | | | | | |
| | | 217.71 218.47 5mm quartz vein, 42 degrees to core axis, much halo with pyrite. 2% quartz-albite(?) veins with hematite. | 15074 | 217.71 | 218.47 | .76 | 1.78 | 1.91 | | | | |
| | | 218.47 219.45 Mostly silicified by convoluted vuggy quartz vein along core, no fizz, 1% pyrite, hematite. | 34855 | 218.47 | 219.45 | .98 | 2.73 | | | | | |
| | | 219.45 219.96 6% vuggy veins with pyrite, 1% pyrite beds, hematite-rich fragments. | 15075 | 219.45 | 219.96 | .51 | .63 | | | | | |
| | | 219.96 220.73 Trace pyrite. | 15076 | 219.96 | 220.73 | .77 | .00 | | | | | |
| | | 220.73 221.47 No veins, quite barren. | 15077 | 220.73 | 221.47 | .74 | .02 | | | | | |
| | | 221.47 221.74 Silicified boulder contact along core. | 15078 | 221.47 | 221.74 | .27 | .09 | | | | | |
| | | 221.74 222.38 Trace pyrite. | 15079 | 221.74 | 222.38 | .64 | .02 | | | | | |
| | | 222.38 222.66 Trace pyrite. | 15080 | 222.38 | 222.66 | .28 | .02 | | | | | |
| | | 222.66 223.14 10% quartz-white feldspar flooding with 40% orange-brown halo along core, 1% pyrite. | 34900 | 222.66 | 223.14 | .48 | 1.95 | | | | | |
| | | 223.14 223.64 10% younger quartz vein with specularite selvage, same halo but brown boulder? 2% pyrite. | 34901 | 223.14 | 223.64 | .50 | 6.86 | | | | | |
| | | 223.64 Test pulp 691, avg. Of 3 0.86 g/t gold. | 34902 | 223.64 | 223.64 | .00 | .88 | | | | | |
| | | | 15081 | 223.64 | 224.16 | .52 | .08 | | | | | |
| | | 224.16 224.46 Two 1cm quartz veins 68 degrees to core axis with pyrite and minor halo. | 15082 | 224.16 | 224.46 | .30 | .93 | .87 | | | | |
| | | 224.46 225.50 Few quartz veins, nothing brownish, much very fine local sulfides as per saw water. | 15083 | 224.46 | 225.50 | 1.04 | .32 | | | | | |
| | | 225.50 226.10 Three quartz veins, 1cm 68 degrees to core axis, 0.5cm 80 tca?, 3cm?, minor halo, pyrite in 1cm, ladder vein 33 degrees to core axis. | 15084 | 225.50 | 226.10 | .60 | .16 | | | | | |
| | | 226.10 Blank core. | | | | | | | | | | |
| | | 226.10 226.78 Three quartz veins 1cm each, converging 65, 67, 73 degrees to core axis, no pyrite normal halo to younger crackles, older ladder vein, very hard. | 15085 | 226.10 | 226.10 | .00 | .00 | | | | | |
| | | | 15086 | 226.10 | 226.78 | .68 | .62 | | | | | |
| | | 226.78 227.30 50% quartz vein with 3% white feldspar, trace pyrite. | 34856 | 226.78 | 227.30 | .52 | 2.83 | | | | | |
| | | 227.30 228.18 Three quartz veins 1cm each, 65, 85, 90 degrees to core axis, up to 2mm pyrite, no halo. Very hard core to saw. | 15087 | 227.30 | 228.18 | .88 | .40 | | | | | |
| | | 228.18 228.36 5mm quartz vein, 42 degrees to core axis, minor halo, trace pyrite. Very hard. | 15088 | 228.18 | 228.36 | .18 | .21 | | | | | |
| | | 228.36 228.89 Two quartz veins, 1cm 90 degrees to core axis, 0.5cm 65 degrees to core axis, no halo. Very hard. | 15089 | 228.36 | 228.89 | .53 | .34 | | | | | |
| | | 228.89 229.27 Few crackles, barren. Very hard to saw. | 15090 | 228.89 | 229.27 | .38 | .51 | | | | | |
| | | 229.27 229.85 5% vuggy veins. Very hard. | 15091 | 229.27 | 229.85 | .58 | .14 | | | | | |
| | | 229.85 230.50 Crackles. | 15092 | 229.85 | 230.50 | .65 | .15 | | | | | |
| | | 230.50 231.22 Two 1cm quartz veins, 65 and 75 degrees to core axis to 1cm white dolomite vein 72 degrees to core axis with curved faces. | 15093 | 230.50 | 231.22 | .72 | .49 | | | | | |
| | | 231.22 Cp 689: 2.57/2.40 exp, 2.09 sw. | | | | | | | | | | |
| | | 231.22 232.14 Barren. | 15094 | 231.22 | 231.22 | .00 | 2.15 | | | | | |
| | | | 15095 | 231.22 | 232.14 | .92 | .04 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 232.14 232.89 Crackles, vuggy vein 24 degrees to core axis, no pyrite normal halo. | 15096 | 232.14 | 232.89 | .75 | .05 | | | | | |
| | | 232.89 233.20 Veinlet halo and pyrite. | 15097 | 232.89 | 233.20 | .31 | .44 | | | | | |
| | | 233.20 233.51 58.15/60.89 original, from reject: 51.84/51.70 2nd cut, 56.64/57.81 3rd cut, 40% quartz veins up to 8cm, 73 degrees to core axis, with several 3mm pyrite, minor halo with pyrite. | 34857 | 233.20 | 233.51 | .31 | 57.18 | | | | 73.00 | |
| | | 233.51 Cp 689, avg. Of 2 2.49 g/t gold. | | | | | | | | | | |
| | | 233.51 233.75 Very fine pyrite and chlorite, few crackles, slickenside cut at 34857. | 34858 | 233.51 | 233.51 | .00 | 2.07 | | | | | |
| | | | 15098 | 233.51 | 233.75 | .24 | .03 | | | | | |
| | | 233.75 Blank core. | | | | | | | | | | |
| | | 233.75 234.65 Few crackles. | 15099 | 233.75 | 233.75 | .00 | .00 | .00 | | | | |
| | | | 15100 | 233.75 | 234.65 | .90 | .00 | | | | | |
| | | 234.65 235.69 Few crackles, vuggy veins. | 15101 | 234.65 | 235.69 | 1.04 | .00 | | | | | |
| | | 235.69 236.56 Few crackles. | 15102 | 235.69 | 236.56 | .87 | .02 | | | | | |
| | | 236.56 236.82 3mm quartz vein with pyrite and halo, many crackles. | 15103 | 236.56 | 236.82 | .26 | .07 | | | | | |
| | | 236.82 237.17 Few crackles, turning to shale and chlorite, trace chalcopyrite plating. | 15104 | 236.82 | 237.17 | .35 | .03 | | | | | |
| | | 237.17 238.25 Green, quite barren, rare crackles. | 15105 | 237.17 | 238.25 | 1.08 | .02 | | | | | |
| 238.25 | 288.15 | SILTSTONE<br>Medium green-gray siltstone, cm-beds near 50 degrees to core axis, h 3-6 reflecting clay to SANDSTONE size, clay being softer and also paler.<br>Only very few up to 2cm quartz-calcite veinlets.<br>Nonmagnetic, no fizz, rqd 95% but 80% at 258-264m due to several up to 2cm vuggy quartz-calcite veins, barren. | | | | | | | | | | |
| | | 240.40 241.58 15% 2cm vuggy quartz-albite(?) vein along core, 2mm pyrite, no halo, trace chalcopyrite plating. | 15106 | 240.40 | 241.58 | 1.18 | .00 | | | | | |
| | | 244.58 245.00 Quartz stringer, trace pyrite, no halo, pyrite grain also in sediments. | 15108 | 244.58 | 245.00 | .42 | .16 | | | | | |
| | | 249.16 249.43 1cm quartz-calcite vein 62 degrees to core axis, subparallel to bedding, extremely fine pyrite. | 15109 | 249.16 | 249.43 | .27 | .01 | | | | | |
| | | 252.83 253.36 4% calcite stringers. | 15110 | 252.83 | 253.36 | .53 | .01 | | | | | |
| | | 254.30 254.52 Some pyrite. | 15111 | 254.30 | 254.52 | .22 | .01 | | | | | |
| | | 257.17 257.75 Some extremely fine pyrite. | 15112 | 257.17 | 257.75 | .58 | .00 | | | | | |
| | | 257.75 258.22 10% vuggy veins with calcite. | 15113 | 257.75 | 258.22 | .47 | .08 | | | | | |
| | | 258.22 259.25 1cm albite(?)-quartz vein 66 degrees to core axis, extremely fine pyrite. | 15114 | 258.22 | 259.25 | 1.03 | .05 | | | | | |
| | | 259.25 259.75 Some vuggy quartz-calcite veins. | 34859 | 259.25 | 259.75 | .50 | .50 | | | | | |
| | | 259.75 260.21 Extremely fine pyrite disseminations. | 15115 | 259.75 | 260.21 | .46 | .00 | | | | | |
| | | | 15116 | 260.21 | 260.66 | .45 | .02 | | | | | |
| | | 260.66 Cp 690: 1.16/1.10 exp, 1.20 sw. | 15117 | 260.66 | 260.66 | .00 | 1.32 | | | | | |
| | | 261.16 262.06 5% vuggy veinlets. | 15118 | 261.16 | 262.06 | .90 | .33 | | | | | |
| | | 261.40 265.00 Mostly sandstone, same colour, some quartz-feldspar crackles. | | | | | | | | | | |
| | | 262.06 262.51 8% vuggy veinlets. | 15119 | 262.06 | 262.51 | .45 | .68 | .61 | | | | |
| | | 262.51 263.48 3% vuggy veinlets. | 15120 | 262.51 | 263.48 | .97 | .06 | | | | | |
| | | 263.48 264.45 4% vuggy veinlets. | 15121 | 263.48 | 264.45 | .97 | .01 | | | | | |
| | | 265.30 265.57 15% vuggy veins. | 15122 | 265.30 | 265.57 | .27 | .00 | | | | | |
| | | 268.09 268.85 Featureless. | 15123 | 268.09 | 268.85 | .76 | .00 | | | | | |
| | | 275.65 276.25 30% anorthosite? vein?. | 15124 | 275.65 | 276.25 | .60 | .02 | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (g/t) | Au (1) (g/t) | Au (2) (g/t) | Au (3) (g/t) | Au (M) (g/t) | Au (4) (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 280.40 281.20 2% vuggy veins. | 15125 | 280.40 | 281.20 | .80 | .01 | | | | | |
| | | 282.30 282.68 15% quartz-plagioclase? vein?. | 15126 | 282.30 | 282.68 | .38 | .03 | | | | | |
| | | 285.48 286.00 Across sealed silicified fault. | 34860 | 285.48 | 286.00 | .52 | .15 | | | | | |
| | | 285.59 285.90 Fault? sealed? up to 1cm brecciated, 70% pale-olive very fine matrix of h 7, parallel contacts 58ca crosscut bedding, silicified gouge? few flasers, 2cm quartz-albite(?)-calcite vein with vugs above, all barren. | | | | | | | | | | |
| | | 287.00 288.15 4% crackles, subparallel quartz-albite(?) veinlet, trace pyrite. | 15127 | 287.00 | 288.15 | 1.15 | .00 | | | | | |
| 288.15 | 299.00 | MIXED GREYWACKE/BANDED IRON FORMATION<br>Hematitic, variably purple to green-gray mm-bedded near 60 tca. H 3-6 but h 6 where green-gray sandstone without hematite at 292.00-294.25m.<br>2% Quartz-feldspar-calcite veins with vugs.<br>Nonmagnetic, no fizz. Rqd 70-95%, up to 50% hematite per weight but some looks massive, barren. | | | | | | | | | | |
| | | 288.15 Blank core. | | | | | | | | | | |
| | | 288.15 Cp 641 blank pulp with added sandings of drill rubble and grease, saw rubble. | 15128 | 288.15 | 288.15 | .00 | .04 | | | | | |
| | | | 15129 | 288.15 | 288.15 | .00 | .00 | | | | | |
| | | 291.10 291.93 50% mm beds, 4% quartz-feldspar veins, 4% with vugs and calcite. | 34861 | 291.10 | 291.93 | .83 | .02 | | | | | |
| | | 295.68 296.40 Hematite mm-beds to massive look, 2% such veins. | 34862 | 295.68 | 296.40 | .72 | .03 | | | | | |
| 299.00 | | END OF HOLE | | | | | | | | | | |

DRILL HOLE RECORD

Northing: 8031
Easting: 8314
Elevation: 316

Collar Azi.: 340.0
Collar Dip: -50.0

Hole Length: 347.00
Units: Metric
Core Size: NQ
Grid: none

Materials Left: Casing pulled, cemented
Collar Survey: GPS
DH Survey Method: Reflex

Comments:
Logged by: P.Roos, R.Skeries
Date(s) Logged: March 2007
Purpose: To test UM/Temiskaming contact
Core Storage: Moneta Facility Timmins

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 77 | 339.9 | -48.2 |
| 125 | 343.7 | -46.3 |
| 175 | 345.5 | -41.9 |
| 224 | 347.2 | -40.5 |
| 305 | 351.3 | -36.6 |

Drill Hole: MA-07-39

Project: Dyment 3
Property: Michaud JV
Claim: 1225544
Northing: N/A
Easting: N/A
GPS Northing: 5368031 NAD 27
GPS Easting: 0568314 NAD 27
Date Started: Feb.14,'07
Date Completed: Feb.19,'07
Drill Contractor: Norex
Sample Type: Cut Core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 8151-88, 13078-142
Sample Series FA:
Lab FA Report: 7W-1274/1604-RA1
Lab FA Report:
Lab Metallics:
Check Lab: Expert
Check Lab Rept: 18826/32

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 50.00 | OVERBURDEN<br>Casing to 51m. | | | | | | | | |
| 50.00 | 96.00 | SEDIMENT<br>Grey coloured, fine grained, bedded sediment, greywacke, shale, siltstone and quartzite.<br>Bedding 2 55-60 degrees to core axis.<br>Minor fine carb veinlets sub-parallel to bedding but generally ~40 degrees to core axis.<br>Alternating shaley and silty beds with local soft sediment deformed and slumps.<br>Pyrite nil overall but locally over 20cm may include up to 0.2% in proximity to shears eg. 73.8-74.05m associated with quartz carbonate cross-cutting and contact veins.<br>59.00 64.20 Core rubbly and broken.<br>73.80 74.05 0.2% pyrite.<br>90.10 90.20 Finely microfractured with local offset faulting. | 8151 | 73.80 | 74.05 | .25 | .02 | | | |
| 96.00 | 97.00 | MAFIC DYKE<br>Altered ULTRAMAFIC VOLCANIC or MAFIC DYKE.<br>Green to dark grained, fine grained.<br>Sharp contacts, no chill margin.<br>Slight hematization noted in matrix but also occasional orange material within the quartz vein.<br>96.00 97.00 0.5% pyrite.<br>96.26 96.50 Vein from above. | 8152 | 96.00 | 97.00 | 1.00 | .27 | | .24 | .25 |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 96.70 96.95 Ditto. | | | | | | | | |
| | | Matrix is dark grained with olivine looking colour, no spinifex noted, unit not soft or hard. | | | | | | | | |
| | | Pyrite finely disseminated with 1% abundance. | | | | | | | | |
| | | Quartz carbonate veining is prominent as noted above but also rimmed with grey chlorite. | | | | | | | | |
| 97.00 | 137.67 | GREYWACKE | | | | | | | | |
| | | As before, finely lamination siltstone, shales, and greywacke material. | | | | | | | | |
| | | 104.30 Some vuggy open space material noted, mainly carbonate. | | | | | | | | |
| | | 108.00 109.00 Microbeds with 0.5cm laminations. | | | | | | | | |
| | | 115.90 118.70 Rubble and low angle breaks. | | | | | | | | |
| | | 135.00 Onward weak pervasive hematization. | | | | | | | | |
| | | 135.00 Onward very shaley with tight folds and deformation. | | | | | | | | |
| 137.67 | 218.75 | QUARTZITE | | | | | | | | |
| | | Grey to pinkish brown coloured, fine grained sorted unit. | | | | | | | | |
| | | Bedding not as regular as in above greywacke unit but typically @50-55 degrees to core axis. | | | | | | | | |
| | | Pervasive red hematization is weak to moderate more notably within the more clast sized sections as follows. | | | | | | | | |
| | | 142.40 143.20 Trace pyrite. | 13076 | 142.40 | 143.20 | .80 | .01 | | | |
| | | 150.00 168.00 As before. | | | | | | | | |
| | | 158.00 158.95 Trace pyrite. | 8153 | 158.00 | 158.95 | .95 | .00 | | | |
| | | 160.70 161.60 0.5% pyrite. | 8154 | 160.70 | 161.60 | .90 | 1.29 | | | |
| | | 161.60 162.45 0.25% pyrite. | 8155 | 161.60 | 162.45 | .85 | .25 | | | |
| | | 162.45 163.12 0.5% pyrite. | 8156 | 162.45 | 163.12 | .67 | .36 | | | |
| | | 164.66 165.60 0.25% pyrite, hematite in quartz vein. | 8161 | 164.66 | 165.60 | .94 | .00 | | | |
| | | 165.60 166.30 0.25% pyrite. | 8157 | 165.60 | 166.30 | .70 | .02 | | | |
| | | 166.30 166.62 0.25% pyrite. | 8158 | 166.30 | 166.62 | .32 | .83 | .54 | .56 | |
| | | 166.62 167.55 Trace pyrite. | 8159 | 166.62 | 167.55 | .93 | .30 | | | |
| | | 167.60 168.32 0.25% pyrite. | 8160 | 167.60 | 168.32 | .72 | 1.78 | 1.80 | 1.72 | 1.82 |
| | | 168.32 Standard 4pb. | 8160A | 168.32 | 168.32 | .00 | .05 | | | |
| | | 179.36 179.70 0.2% pyrite, hematite in quartz. | 8162 | 179.36 | 179.70 | .34 | .01 | | | |
| | | 184.00 Poorly developed example of tops determination - uphole. | | | | | | | | |
| | | 185.00 190.20 Ditto. | | | | | | | | |
| | | Patchs of siderite/sericite, a buff coloured fracture filling occurs where quartz carb veining increases and some grey chlorite also in close association. | | | | | | | | |
| | | Pyrite trace to 0.5% amounts is usually finely bedded but is also disseminated where hematitic and quartz rich. | | | | | | | | |
| | | Clasts are generally small subrounded to subrounded and moderately sorted as banding and beds can be discerned. | | | | | | | | |
| | | 185.00 186.10 0.25% pyrite, hematite in vuggy cqvb. | 8163 | 185.00 | 186.10 | 1.10 | .02 | | | |
| | | 185.60 185.70 Weak hematite staining within a vuggy quartz carb vein. | | | | | | | | |
| | | 189.00 201.00 Sericite moderate within the deformeed section with bright green amorphous clots and wisps that show off the strong foliation. | | | | | | | | |
| | | 190.00 192.00 Rubble and broken core. | | | | | | | | |
| | | 192.75 192.82 Black chlorite and quartz occurs against a stripped sercitic and chloritic section 192.82-193.07m. | | | | | | | | |
| | | 192.75 193.07 Trace pyrite. | 8164 | 192.75 | 193.07 | .32 | .03 | | | |
| | | 193.07 193.70 Trace pyrite. | 8165 | 193.07 | 193.70 | .63 | .00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 193.70 194.45 0.5% pyrite. | 8166 | 193.70 | 194.45 | .75 | .02 | | | |
| | | 194.00 200.00 Stronger sericite and pervasive hematite and includes stock-work quartz carb veins cross-cutting beds. | | | | | | | | |
| | | Pyrite occurs as bedded and more rare finely disseminated. | | | | | | | | |
| | | 194.00 200.00 Pyrite as before 0.5%. | | | | | | | | |
| | | 194.45 195.55 Trace pyrite, quartz carb vein. | 8167 | 194.45 | 195.55 | 1.10 | .00 | | | |
| | | 195.55 196.52 0.2% pyrite, hematite in quartz carb. | 8168 | 195.55 | 196.52 | .97 | .03 | | | |
| | | 196.52 197.55 Trace pyrite and hematite alteration. | 13077 | 196.52 | 197.55 | 1.03 | .00 | | | |
| | | 197.55 198.50 Trace pyrite, quartz carb chlorite. | 8169 | 197.55 | 198.50 | .95 | .08 | | | |
| | | 198.50 Blank ma07-39 65.15-65.6m, not received. | | | | | | | | |
| | | 198.50 199.35 0.2% pyrite, quartz carb chlorite. | 8170 | 198.50 | 198.50 | .00 | | | | |
| | | | 8171 | 198.50 | 199.35 | .85 | .02 | | | |
| | | 199.35 200.10 0.25% pyrite, stock-work. | 8172 | 199.35 | 200.10 | .75 | .03 | | | |
| | | 202.50 203.50 Missing sample tag. | 8172B | 202.50 | 203.50 | 1.00 | .15 | | | |
| | | 202.80 204.60 Vuggy and leached carb quartz vein within rubbly zone, contains minor pyrite and ankerite. | | | | | | | | |
| | | 205.00 218.75 Pyrite as before 0.5%. | | | | | | | | |
| | | 205.00 209.00 Hematite wanes. | | | | | | | | |
| | | 205.15 205.52 0.5% pyrite, speck hematite in quartz carb. | 8173 | 205.15 | 205.52 | .37 | .03 | | | |
| | | 209.00 218.75 Hematite strengthens. | | | | | | | | |
| | | Clasts appear slightly larger, up to 1cm, downhole of 210m with tops uphole. | | | | | | | | |
| | | 210.00 214.00 Intercalated banded fine beds of sericitic rich SILTSTONE. | | | | | | | | |
| | | Specular hematite noted in chlorite rims and quartz carb veinlets proximal to stronger sericitic patchs. | | | | | | | | |
| | | 217.20 218.20 Trace pyrite, specular hematite, hematite alt. | 13078 | 217.20 | 218.20 | 1.00 | .00 | | | |
| | | 218.20 218.80 Trace pyrite, specular hematite, hematite alt. | 13079 | 218.20 | 218.80 | .60 | .00 | | | |
| 218.75 | 250.80 | MIXED SEDIMENTS - MUDSTONE,SHALE,ARKOSE | | | | | | | | |
| | | Mudstones, shales and arkoses - mixed zone. | 13080 | 218.80 | 219.35 | .55 | .00 | | | |
| | | Grey laminated to massive textureless sediments intercalated with hematitic arkose (quartzite). | | | | | | | | |
| | | Bedding at 60 degrees to core axis. | | | | | | | | |
| | | 219.35 220.20 Patchy hematite, 1% 30 degrees to core axis quartz-calcite stringers, trace pyrite. | 13081 | 219.35 | 220.20 | .85 | .01 | | | |
| | | | 13082 | 220.20 | 220.70 | .50 | .02 | | | |
| | | 220.70 STANDARD 4Pb. | 13083 | 220.70 | 220.70 | .00 | .08 | | .03 | .03 |
| | | | 13084 | 221.80 | 222.30 | .50 | .00 | | | |
| | | 222.30 222.60 Trace specular hematite and pyrite in vugs, weak silicified and hematite. | 13085 | 222.30 | 222.60 | .30 | .00 | | | |
| | | 222.40 222.60 Vuggy carb section with increase in hematite alteration locally. | 13086 | 222.60 | 223.20 | .60 | .00 | | | |
| | | Mustone 218.75-221.4m, 228-232m, 238.7-243.4m - gradational, 247.5-249.5m. | | | | | | | | |
| | | Shaley siltstone to fine arkose 221.4-228m, 232-238.7m, 243.4-247.5m red coloured strong hematite, 249.5-250.8m red coloured strong hematite. | | | | | | | | |
| | | 223.20 223.60 Trace pyrite. | 13087 | 223.20 | 223.60 | .40 | .00 | | | |
| | | 231.50 232.00 Bracket sample. | 13088 | 231.50 | 232.00 | .50 | .02 | | | |
| | | 232.00 233.00 Patchy hematite, trace pyrite. | 13089 | 232.00 | 233.00 | 1.00 | .01 | | | |
| | | 233.00 234.00 Patchy hematite, trace pyrite, vuggy. | 13090 | 233.00 | 234.00 | 1.00 | .14 | .16 | | |
| | | 234.00 235.00 Hematite, trace specular hematite and pyrite, local vugs, quartz str's. | 13091 | 234.00 | 235.00 | 1.00 | .04 | | | |
| | | 235.00 238.70 Specular hematite in open space fillings and on carb fracture faces in quartzite (arkose) section, up to 2% abumdance. | | | | | | | | |
| | | 235.00 235.80 Trace pyrite, hematite. | 13092 | 235.00 | 235.80 | .80 | .18 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 235.80 236.80 Trace pyrite, trace chalcopyrite. | 8174 | 235.80 | 236.80 | 1.00 | .51 | | | |
| | | 235.90 Trace chalcopyrite noted. | | | | | | | | |
| | | Trace pyrite throughout. | | | | | | | | |
| | | 236.80 237.70 Trace pyrite. | 8175 | 236.80 | 237.70 | .90 | .06 | | | |
| | | 237.50 238.70 Malachite looking, massive green sericitic noted on fracture faces. | | | | | | | | |
| | | 237.70 238.75 Trace pyrite. | 8176 | 237.70 | 238.75 | 1.05 | .95 | 1.09 | | |
| | | 238.75 239.50 Trace specular hematite, pyrite. | 13093 | 238.75 | 239.50 | .75 | .04 | | .02 | |
| | | 239.45 329.20 Trace pyrite. | | | | | | | | |
| | | 243.40 244.10 Hematite, trace pyrite. | 13094 | 243.40 | 244.10 | .70 | .00 | | | |
| | | 244.10 244.80 Hematite, trace pyrite, specular hematite, local vuggy quartz-calcite stringers. | 13095 | 244.10 | 244.80 | .70 | .00 | | | |
| | | 244.80 245.70 Hematite, trace pyrite. | 13096 | 244.80 | 245.70 | .90 | .00 | | | |
| | | 245.70 246.60 Hematite, trace pyrite. | 13097 | 245.70 | 246.60 | .90 | .00 | | | |
| | | 246.60 247.60 Hematite, trace pyrite. | 13098 | 246.60 | 247.60 | 1.00 | .00 | | | |
| | | 248.90 249.40 Bracket sample. | 13099 | 248.90 | 249.40 | .50 | .04 | .07 | | |
| | | 249.40 Blank, ma-07-39, 70-70.5m. | | | | | | | | |
| | | 249.40 250.10 Hematite, trace pyrite. | 13100 | 249.40 | 249.40 | .00 | .01 | | | |
| | | | 13101 | 249.40 | 250.10 | .70 | .01 | | | |
| | | 250.10 250.80 Hematite, trace pyrite. | 13102 | 250.10 | 250.80 | .70 | .02 | | | |
| 250.80 | 296.50 | ALTERED MIXED SEDIMENTS - MUDSTONE,SHALE,ARKOSE | | | | | | | | |
| | | Sericitic and hematite altered mixed zone. | | | | | | | | |
| | | Redish-green coloured mixture of sediments comprised of arkose, quartzite and shaley siltstone to mudstone. | | | | | | | | |
| | | Same as above unit but strongly altered giving the unit a green bleached colour where strongly pervasive altered and a wispy green or red and cream coloured background. | | | | | | | | |
| | | Fine grained, sorted and laminated where silty, not laminated where arkosic composition. | | | | | | | | |
| | | Bedding at 55 degrees to core axis. | | | | | | | | |
| | | Downhole of 261m the unit is strongly sericite altered (green to buff coloured). | | | | | | | | |
| | | 250.80 251.30 Bracket sample. | 13103 | 250.80 | 251.30 | .50 | .00 | | | |
| | | 254.00 260.00 Specular hematite common in vugs within the quartzite sections. | | | | | | | | |
| | | Pyrite fine grained in trace amounts. | | | | | | | | |
| | | 254.60 255.30 Trace pyrite. | 8177 | 254.60 | 255.30 | .70 | .04 | | | |
| | | 258.00 258.40 Vuggy, trace specular hematite and pyrite. | 13104 | 258.00 | 258.40 | .40 | .08 | | | |
| | | 262.40 262.90 Bracket sample. | 13105 | 262.40 | 262.90 | .50 | .00 | | | |
| | | 262.90 263.70 Silicified, hematite, trace pyrite and hematite in vugs. | 13106 | 262.90 | 263.70 | .80 | 1.31 | | 1.33 | 1.37 |
| | | 263.70 264.20 Bracket sample. | 13107 | 263.70 | 264.20 | .50 | .01 | | | |
| | | 264.00 265.00 Gradational change. | | | | | | | | |
| | | 267.00 268.00 Strongly structured with micro folds. | | | | | | | | |
| | | In situ brecciated well defined as grey sericite fracture fillings against the green sericite altered quartzite. | | | | | | | | |
| | | 269.10 269.60 Bracket sample. | 13108 | 269.10 | 269.60 | .50 | .00 | | | |
| | | 269.60 270.60 Silicified, moderate sericite, trace pyrite, trace quartz str's. | 13109 | 269.60 | 270.60 | 1.00 | .00 | | | |
| | | 270.60 271.10 Bracket sample. | 13110 | 270.60 | 271.10 | .50 | .00 | | | |
| | | 271.10 271.40 Trace pyrite, wk-mod ser-sili. | 13111 | 271.10 | 271.40 | .30 | .01 | .01 | | |
| | | 271.40 272.00 Bracket sample. | 13112 | 271.40 | 272.00 | .60 | .00 | | | |
| | | 276.00 276.55 Bracket sample. | 13113 | 276.00 | 276.55 | .55 | .00 | | | |
| | | 276.55 277.35 Trace pyrite, silicified, sericitic, 0.5% 50 degrees to core axis calcite stringers. | 13114 | 276.55 | 277.35 | .80 | .00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 277.35 277.70 Bracket sample. | 13115 | 277.35 | 277.70 | .35 | .00 | | | |
| | | 277.70 278.10 Ty pyrite, vuggy calcite stringers. | 13116 | 277.70 | 278.10 | .40 | .00 | | | |
| | | 278.10 278.60 Bracket sample. | 13117 | 278.10 | 278.60 | .50 | .00 | | | |
| | | 281.10 282.10 Brackt sample, weak sericite and silicified, trace pyrite, 0.5% calcite stringers. | 13118 | 281.10 | 282.10 | 1.00 | .00 | | | |
| | | 282.10 282.35 Light brown, bleached from sericite, silicified, dyke?, nil py. | 13119 | 282.10 | 282.35 | .25 | .00 | | | |
| | | 282.35 STANDARD 7Pb. | | | | | | | | |
| | | 282.35 283.35 Bracket sample. | 13120 | 282.35 | 282.35 | .00 | 2.74 | | 2.90 | 3.09 |
| | | | 13121 | 282.35 | 283.35 | 1.00 | .00 | | | |
| | | 285.60 286.10 Bracket sample. | 13122 | 285.60 | 286.10 | .50 | .00 | | | |
| | | 286.10 286.60 Trace pyrite, silicified, weak sericite and hematite. | 13123 | 286.10 | 286.60 | .50 | .00 | | | |
| | | 286.60 287.10 Bracket sample. | 13124 | 286.60 | 287.10 | .50 | .00 | | | |
| | | 289.50 290.00 Bracket sample. | 13125 | 289.50 | 290.00 | .50 | .02 | | | |
| | | 290.00 291.00 Trace pyrite, sericite. | 13126 | 290.00 | 291.00 | 1.00 | .00 | | | |
| | | 291.00 291.50 Bracket sample. | 13127 | 291.00 | 291.50 | .50 | .00 | | | |
| | | 295.30 296.30 Check sample, patchy silicified, hematite and sericite, trace pyrite, 1% calcite-quartz stringers at 10 and 45 tca. | 13128 | 295.30 | 296.30 | 1.00 | .00 | | | |
| 296.50 | 311.25 | SYENITE | | | | | | | | |
| | | 296.50 Downhole, sericite alteration weaker and changes to fracture controlled at a moderate strength. | | | | | | | | |
| | | 295.85 Tect syenite dyke 8cm true width at 30-35 degrees to core axis. | | | | | | | | |
| | | 296.50 Downhole, hematite background alteration may become the main alteration. | | | | | | | | |
| | | 296.50 297.25 Gradational contact from sericite alteration to hematite altered synenite. | | | | | | | | |
| | | Intercalated quartz and plag phyric and sericitic syenite. | | | | | | | | |
| | | Green sericite is wispy and moderate in strength. | | | | | | | | |
| | | 304.60 Contact @30 degrees to core axis, irregular. | | | | | | | | |
| | | 304.60 305.50 Bracket sample. | 13129 | 304.60 | 305.50 | .90 | .00 | | | |
| | | 304.60 307.60 Sericitic alt, silicified, sed?. | | | | | | | | |
| | | 305.50 305.80 Quartz-calcite vein, nil pyrite. | 13130 | 305.50 | 305.80 | .30 | .00 | | | |
| | | 305.80 306.30 Bracket sample. | 13131 | 305.80 | 306.30 | .50 | .00 | | | |
| | | 307.60 Downhole syenite as before, tectonized and locally sericitic. | | | | | | | | |
| | | 308.00 311.25 Blocky sections with rubble (fault zone). | | | | | | | | |
| 311.25 | 338.30 | ALTERED MIXED SEDIMENTS - MUDSTONE,SHALE,ARKOSE | | | | | | | | |
| | | As before, sericitic and hematite altered mixed zone. | | | | | | | | |
| | | Redish-green coloured mixture of sediments comprised of arkose, quartzite and shaley siltstone to mudstone. | | | | | | | | |
| | | 311.25 317.30 Blocky sections with rubble (fault zone). | | | | | | | | |
| | | 318.00 319.00 Check sample, trace pyrite, 0.5% specular hematite in vugs. | 13132 | 318.00 | 319.00 | 1.00 | .11 | | .09 | |
| | | 319.00 320.20 Blocky. | | | | | | | | |
| | | 305 Foliation at 50 degrees to core axis. | | | | | | | | |
| | | 319.00 Blank, ma-07-39, 71.5-72m. | | | | | | | | |
| | | 319.00 320.00 Check sample, trace pyrite, 0.5% specular hematite in vugs. | 13133 | 319.00 | 319.00 | .00 | .00 | | | |
| | | | 13134 | 319.00 | 320.00 | 1.00 | .00 | | | |
| | | 320.00 321.00 Check sample, trace pyrite, 0.5% specular hematite in vugs. | 13135 | 320.00 | 321.00 | 1.00 | .09 | | | |
| | | 322.30 322.80 Bracket sample. | 13136 | 322.30 | 322.80 | .50 | .00 | | | |
| | | 322.80 323.40 Trace pyrite, 1% ripped up quartz-carbonate stringers. | 13137 | 322.80 | 323.40 | .60 | .01 | | | |
| | | 323.40 324.00 Bracket sample. | 13138 | 323.40 | 324.00 | .60 | .01 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 324.00 332.00 Vuggy, noted especially in the aragonite massed in the quartz veins, minor specular hematite. | | | | | | | | |
| | | Lower contact is sharp against a chloritic and sericitic brecciated quartz vein, contact at 50 degrees to core axis. | | | | | | | | |
| | | 324.00 324.80 Trace pyrite. | 8178 | 324.00 | 324.80 | .80 | .11 | | | |
| | | 324.80 325.70 Trace pyrite. | 8179 | 324.80 | 325.70 | .90 | .03 | | | |
| | | 325.70 326.80 Trace pyrite. | 8180 | 325.70 | 326.80 | 1.10 | .08 | | | |
| | | 326.80 327.70 Trace pyrite. | 8181 | 326.80 | 327.70 | .90 | .03 | | | |
| | | 327.70 328.60 Trace pyrite. | 8182 | 327.70 | 328.60 | .90 | .00 | | | |
| | | | 8183 | 239.45 | 329.20 | **** | .47 | | .30 | |
| | | 329.20 330.20 Trace pyrite, specular hematite, minor vugs. | 13139 | 329.20 | 330.20 | 1.00 | .26 | | .20 | |
| | | 330.20 331.20 Trace pyrite, specular hematite, minor vugs. | 13140 | 330.20 | 331.20 | 1.00 | .08 | | | |
| | | 333.50 333.80 Trace pyrite, silicified, feldspathic, trace quartz. | 13141 | 333.50 | 333.80 | .30 | .10 | | | |
| | | 337.30 338.30 Trace pyrite, local barren quartz veinlet at 35 tca. | 13142 | 337.30 | 338.30 | 1.00 | .04 | | | |
| 338.30 | 339.00 | QUARTZ | | | | | | | | |
| | | Quartz contact zone, with abundant white quartz and cream coloured aragonite. | | | | | | | | |
| | | 338.30 339.00 Trace pyrite. | 8184 | 338.30 | 339.00 | .70 | .00 | | | |
| | | 338.45 338.60 With quartzite (green and red) inclusions. | | | | | | | | |
| | | 338.90 339.00 Thin shaley inclusions. | | | | | | | | |
| 339.00 | 340.80 | BANDED IRON FORMATION | | | | | | | | |
| | | Black red and grey coloured fine grained bedded unit. | | | | | | | | |
| | | Bedding at 55 degrees to core axis (laminations). | | | | | | | | |
| | | Alternating laminations of hematite (red) rich beds and argillite (black) and silty shale (grey). | | | | | | | | |
| | | Pyrite is cubed and up to 10% in abundance, typically 2% and proximal to hematite bands. | | | | | | | | |
| | | Hematite bands 339.6-339.7m, 339.75-339.8m, 339.85-339.95m, 340.05-340.25m, 340.62-340.8m. | | | | | | | | |
| | | 339.00 339.50 2% pyrite. | 8185 | 339.00 | 339.50 | .50 | .00 | .02 | | |
| | | 339.50 340.00 10% pyrite. | 8186 | 339.50 | 340.00 | .50 | .00 | | | |
| | | 340.00 340.80 2% pyrite. | 8187 | 340.00 | 340.80 | .80 | .00 | | | |
| 340.80 | 347.00 | TALC-CHLORITE SCHIST/KOMATIITE | | | | | | | | |
| | | Dark green coloured, talcose unit. | 8188 | 340.80 | 341.95 | 1.15 | .00 | | | |
| | | Foliation at 60 degrees to core axis. | | | | | | | | |
| | | Moderately talcose and sheared. | | | | | | | | |
| | | Nil sulphides. | | | | | | | | |
| 347.00 | | END OF HOLE | | | | | | | | |

DRILL HOLE RECORD

Northing: 8138
Easting: 8403
Elevation: 316

Collar Azi.: 340.0
Collar Dip: -50.0

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 62 | 340.8 | -46.8 |
| 176 | 346.1 | -42.4 |
| 233 | 349.1 | -38.6 |

Hole Length: 257.00
Units: Metric
Core Size: NQ
Grid: None

Materials Left: Casing pulled, cemented
Collar Survey: GPS
DH Survey Method: Reflex

Comments: Test contact area shallower
Logged by: P.Roos
Date(s) Logged: March, 2007
Purpose: Drillhole to test UM/Timiskaming contact
Core Storage: Moneta Facility Timmins

Drill Hole: MA-07-40

Project: Dyment 3
Property: Michaud JV
Claim: 1225544
Northing: N/A
Easting: N/A
GPS Northing: 5368138 NAD 27
GPS Easting: 0568403 NAD 27
Date Started: Feb.19,'07
Date Completed: Feb.22,'07
Drill Contractor: Norex
Sample Type: Cut Core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 8035-50,8191-215, 8200A
Sample Series FA:
Lab FA Report: 7W-1299-RA1
Lab FA Report:
Lab Metallics:
Check Lab: Expert
Check Lab Rept: 18827

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 42.00 | OVERBURDEN<br>Casing to 42m. | | | | | | | | |
| 42.00 | 196.40 | SEDIMENT<br>Grey to light grey-green coloured, fine grained intercalated and bedded.<br>Siltstone and mudstone alternating with secs more arkosic, bed @50 degrees to core axis.<br>Leaching and oxidation patchy downhole from casing to 100m.<br>Core rubbly and broken in parts, rqd adequate to poorly.<br>91.00 104.00 Rqd very poorly.<br>Fracture controlled carb alteration is weak.<br>Pervasive red hematization is faint to weak downhole of 70m and increase downhole, occasional speck hematite.<br>Green sericite becomming a presence downhole of 80m, particularily on fracture faces.<br>Greywacke / quartzite dominant section ends at 123.35m.<br>Shearing lamination sericitic gives unit downhole of 123.35 striped appearance to 127m.<br>Arkose / quartzite resumes downhole of 127m but with slightly less hematization and sericitic.<br>Core continues to be rubbly and broken.<br>101.00 101.50 Oxidized rublely section with minor vugs, trace pyrite and specular hematite.<br>109.00 109.50 Bracket sample.<br>109.50 110.00 Minor quartz-stringer ar 30 degrees to core axis, trace pyrite. | 13027<br>13028<br>13029 | 101.00<br>109.00<br>109.50 | 101.50<br>109.50<br>110.00 | .50<br>.50<br>.50 | .03<br>.00<br>.00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 110.00 140.00 With poorly to moderate rqd. | | | | | | | | |
| | | Vuggy carb and quartz fracture filling is moderate, occasional speck hematite in vugs downhole of 120 to 140m and 167.5-170m, 193.3m, 194.1m, 190.6m. | | | | | | | | |
| | | 110.00 110.40 Minor vugs, trace pyrite and specular hematite in vugs and on fractures. | 13030 | 110.00 | 110.40 | .40 | .00 | .01 | | |
| | | 110.40 110.90 Bracket sample. | 13031 | 110.40 | 110.90 | .50 | .02 | | | |
| | | 113.90 114.30 6 inch quartz-calcite stringer at 25-35 tca. | 13032 | 113.90 | 114.30 | .40 | .53 | | .31 | .30 |
| | | 114.30 114.90 Oxidized section with 25% missing core and occasinal 2 inch quartz-veinlet. | 13033 | 114.30 | 114.90 | .60 | .16 | | | |
| | | | 13034 | 114.90 | 115.90 | 1.00 | .17 | | | |
| | | 115.90 116.90 Minor local vugs with trace pyrite and specular hematite, 1.5 inch vuggy quartz veinlet at 116.2m. | 13035 | 115.90 | 116.90 | 1.00 | .02 | | | |
| | | 116.90 117.80 Local vugs with trace pyrite and specular hematite. | 13036 | 116.90 | 117.80 | .90 | .11 | | | |
| | | | 13037 | 117.80 | 118.65 | .85 | .07 | | | |
| | | 118.65 119.65 Trace pyrite. | 8189 | 118.65 | 119.65 | 1.00 | .19 | | .09 | |
| | | 119.65 120.65 Trace pyrite. | 8191 | 119.65 | 120.65 | 1.00 | .18 | | | |
| | | 120.65 121.60 Trace pyrite. | 8192 | 120.65 | 121.60 | .95 | .02 | | | |
| | | 121.60 122.45 Trace pyrite. | 8193 | 121.60 | 122.45 | .85 | .07 | | | |
| | | 122.45 123.43 0.2% pyrite, quartz vein, hematite. | 8194 | 122.45 | 123.43 | .98 | .53 | .54 | .49 | |
| | | 123.43 124.45 Trace pyrite. | 8195 | 123.43 | 124.45 | 1.02 | .10 | | | |
| | | 124.45 125.45 Trace pyrite. | 8196 | 124.45 | 125.45 | 1.00 | .12 | | | |
| | | 125.45 126.40 Trace pyrite. | 8197 | 125.45 | 126.40 | .95 | .07 | | | |
| | | | 8198 | 126.40 | 127.40 | 1.00 | .00 | | | |
| | | 127.40 Blank ma07-39 67.5-68m. | | | | | | | | |
| | | 127.40 128.40 Patchy hematite alteration with trace pyrite and specular hematite. | 8199 | 127.40 | 127.40 | .00 | .00 | | | |
| | | | 13038 | 127.40 | 128.40 | 1.00 | .21 | | | |
| | | | 13039 | 128.40 | 129.40 | 1.00 | .01 | .01 | | |
| | | 136.00 147.00 Mudstone dominant. | | | | | | | | |
| | | Fair bit of iron staining around 164m as the unit grades into an argillaceous intercalation from 164.55-167.5m. | | | | | | | | |
| | | Occasional fine beds (1-3mm) of finely disseminated pyrite occur within the weakly foliated and striped siltstone/greywacke sediments downhole of 167.5m. | | | | | | | | |
| | | Ditto 187.75m, 182.15m, 181.95m. | | | | | | | | |
| | | Faint hematization pervasive from 127-191m. | | | | | | | | |
| | | Green sericite becoming more abundant but remains patchy. | | | | | | | | |
| | | Lower contact is fairly sharp against a quartzite section but is defined based on a relatively lower hematite grade as well as dominance of siltstone over quartzite. | | | | | | | | |
| | | Contact @30 degrees to core axis. | | | | | | | | |
| | | 163.45 STANDARD 61Pb. | | | | | | | | |
| | | 164.10 164.60 1% 50 degrees to core axis quartz-calcite stringers, trace pyrite and speular hematite. | | | | | | | | |
| | | 167.60 168.15 0.2% pyrite, vug pyrite hematite. | | | | | | | | |
| | | 167.60 Standard 7Pb. | 8200 | 167.60 | 168.15 | .55 | .00 | | | |
| | | | 13040 | 157.50 | 158.00 | .50 | .00 | | | |
| | | | 13041 | 158.00 | 158.60 | .60 | .00 | | | |
| | | | 13042 | 158.60 | 159.00 | .40 | .00 | | | |
| | | | 13043 | 159.00 | 159.40 | .40 | .00 | | | |
| | | | 13044 | 159.40 | 159.70 | .30 | .00 | | | |
| | | | 13045 | 159.70 | 160.30 | .60 | .01 | | .00 | |
| | | | 13046 | 160.30 | 161.30 | 1.00 | .00 | | | |
| | | | 13047 | 161.30 | 162.30 | 1.00 | .00 | | | |
| | | | 13048 | 162.30 | 162.80 | .50 | .00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 13049 | 162.80 | 163.45 | .65 | .00 | | | |
| | | | 13050 | 163.45 | 163.45 | .00 | 4.84 | | | |
| | | | 13051 | 163.45 | 164.10 | .65 | .02 | | | |
| | | | 13052 | 164.10 | 164.60 | .50 | .26 | | | |
| | | | 13053 | 164.60 | 165.10 | .50 | 1.43 | | 1.60 | 1.68 |
| | | | 8200A | 167.60 | 167.60 | .00 | 2.82 | | | |
| | | 168.15 168.90 0.5% pyrite. | 8035 | 168.15 | 168.90 | .75 | .01 | | | |
| | | 180.85 181.80 Trace pyrite, green sericite. | 8036 | 180.85 | 181.80 | .95 | .01 | | | |
| | | 181.80 182.80 1% pyrite, green sericite. | 8037 | 181.80 | 182.80 | 1.00 | .02 | | | |
| | | 182.80 183.70 Trace pyrite. | 8038 | 182.80 | 183.70 | .90 | .01 | .00 | .00 | |
| | | 183.70 184.70 0.2% pyrite. | 8039 | 183.70 | 184.70 | 1.00 | .00 | | | |
| | | 184.70 185.50 Trace pyrite. | 8040 | 184.70 | 185.50 | .80 | .00 | | | |
| | | 190.10 191.00 0.2% pyrite, trace hematite. | 8041 | 190.10 | 191.00 | .90 | .00 | | | |
| | | 191.00 192.05 Trace pyrite. | 8042 | 191.00 | 192.05 | 1.05 | .00 | | | |
| | | 192.05 193.10 Trace pyrite. | 8043 | 192.05 | 193.10 | 1.05 | .01 | | | |
| | | 193.10 194.00 0.2% pyrite, 0.5% hematite. | 8044 | 193.10 | 194.00 | .90 | .01 | | | |
| | | 194.00 194.75 0.2% pyrite, 0.5% hematite. | 8045 | 194.00 | 194.75 | .75 | .02 | | | |
| | | 194.75 195.30 0.2% pyrite, trace hematite. | 8046 | 194.75 | 195.30 | .55 | .00 | | | |
| | | 195.30 196.20 Trace pyrite, trace hematite. | 8047 | 195.30 | 196.20 | .90 | .00 | | | |
| | | 196.20 197.00 Trace pyrite, trace hematite. | 13054 | 196.20 | 197.00 | .80 | .00 | | | |
| 196.40 | 239.35 | MIXED QUARTZITE - SILTSTONE | | | | | | | | |
| | | Mixed zone of quartzite and silty unit. | | | | | | | | |
| | | Green and red coloured (tinted) on grey-green coloured unit. | | | | | | | | |
| | | Striped appearance due to green sericite banding (frac controlled and shd). | | | | | | | | |
| | | Background alteration is observed as moderate pervasive hematite which in places is overprinted by intense sericite patches as at 207.4m. | | | | | | | | |
| | | Speck hematite is fairly common and occurs as fracture fillings and in quartz carb vuggy veins. | | | | | | | | |
| | | Foliation (attenuated sericite bands) is @40 degrees to core axis. | | | | | | | | |
| | | Unit becomes more chloritic downhole of 216m (grad) until it is so strong that the colour is yellow-green (ser) on dark green black (218m). | | | | | | | | |
| | | Downhole of 224m the unit begins to lighten as chlorite decreases. | | | | | | | | |
| | | Pyrite reare and occurs only intermittenly. | | | | | | | | |
| | | Occasional white quartz veins xcut previous foln. Minor amounts of orange hematite occur in these veins 228.0-228.2m. | | | | | | | | |
| | | Sharp lower contact as the pervasive sericite fades leaving mainly chlorite stock-work. | | | | | | | | |
| | | 197.00 197.50 Trace pyrite, trace hematite. | 13055 | 197.00 | 197.50 | .50 | .00 | | | |
| | | 197.50 198.30 Trace pyrite, trace hematite, 1% 45 degrees to core axis quartz-calcite stringers. | 13056 | 197.50 | 198.30 | .80 | .00 | | | |
| | | 198.30 198.80 Trace pyrite, trace hematite. | 13057 | 198.30 | 198.80 | .50 | .02 | | | |
| | | 200.00 201.00 Trace pyrite, blue sericite. | 8048 | 200.00 | 201.00 | 1.00 | .00 | | | |
| | | 201.00 202.00 Trace pyrite. | 8049 | 201.00 | 202.00 | 1.00 | .01 | | | |
| | | | 8050 | 202.00 | 203.00 | 1.00 | .00 | | | |
| | | 203.00 STANDARD 7Pb. | 8050A | 203.00 | 203.00 | .00 | 2.83 | | | |
| | | 204.70 205.20 Bracket sample. | 13058 | 204.70 | 205.20 | .50 | .00 | .00 | | |
| | | 205.20 205.65 Trace pyrite. | 13059 | 205.20 | 205.65 | .45 | .00 | | | |
| | | 205.65 206.15 Trace pyrite. | 13060 | 205.65 | 206.15 | .50 | .01 | | | |
| | | 206.15 206.40 Trace pyrite. | 13061 | 206.15 | 206.40 | .25 | .00 | | | |
| | | 206.40 206.90 Trace pyrite. | 13062 | 206.40 | 206.90 | .50 | .00 | | .00 | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 206.90 207.40 Trace pyrite. | 13063 | 206.90 | 207.40 | .50 | .00 | | | |
| | | 207.40 207.70 Trace pyrite. | 13064 | 207.40 | 207.70 | .30 | .00 | | | |
| | | 207.70 Blank ma-07-39, 69.5-70. | | | | | | | | |
| | | 207.70 208.60 Bracket sample. | 13065 | 207.70 | 207.70 | .00 | .00 | | | |
| | | | 13066 | 207.70 | 208.60 | .90 | .00 | | | |
| | | 208.60 209.50 Trace pyrite, stringer green sericite. | 8201 | 208.60 | 209.50 | .90 | .00 | | | |
| | | 209.50 210.30 Trace pyrite. | 8202 | 209.50 | 210.30 | .80 | .00 | | | |
| | | 210.30 211.20 0.2% pyrite. | 8203 | 210.30 | 211.20 | .90 | .00 | | | |
| | | 211.20 212.00 0.2% pyrite, hematite. | 8204 | 211.20 | 212.00 | .80 | .01 | .00 | | |
| | | 212.00 Blank ma07-40 68-68.5m. | | | | | | | | |
| | | 212.00 213.00 Trace hematite, pyrite and silicification. | 8205 | 212.00 | 212.00 | .00 | .00 | | | |
| | | | 13067 | 212.00 | 213.00 | 1.00 | .00 | | | |
| | | 213.00 214.00 Bracket sample. | 13068 | 213.00 | 214.00 | 1.00 | .01 | | | |
| | | 216.30 216.80 Bracket sample. | 13069 | 216.30 | 216.80 | .50 | .01 | .01 | | |
| | | 216.80 217.10 Trace pyrite, chlorite, sericite and 5cm quartz stringer at 50 tca. | 13070 | 216.80 | 217.10 | .30 | .00 | | | |
| | | 217.10 217.60 Bracket sample. | 13071 | 217.10 | 217.60 | .50 | .00 | | | |
| | | 222.30 222.80 Check sample, trace pyrite, calcite and quartz. | 13072 | 222.30 | 222.80 | .50 | .00 | | | |
| | | 226.60 227.20 Check sample, trace pyrite. | 13073 | 226.60 | 227.20 | .60 | .06 | | | |
| | | 232.60 233.00 Check sample, trace pyrite. | 13074 | 232.60 | 233.00 | .40 | .00 | | | |
| | | 239.15 239.45 Check sample, sericite, hematite altered. | 13075 | 239.15 | 239.45 | .30 | .00 | | | |
| 239.35 | 247.85 | MASSIVE ALTERED QUARTZITE | | | | | | | | |
| | | Massive altered quartzite unit, orange-red-green coloured. | | | | | | | | |
| | | Stringer altered unit with intense green sericite mixed and overlapping pervasive hematization that is also at times intense. | | | | | | | | |
| | | Speckled appearance due to either remanent quartz or altered plag, typically anhedral, clotted and 1-2mm in size. | | | | | | | | |
| | | Chlorite fracture filling xcuts main foliation which is @50-60 degrees to core axis | | | | | | | | |
| | | 239.45 240.35 Trace pyrite, quartz chlorite. | 8206 | 239.45 | 240.35 | .90 | .00 | | .00 | |
| | | 239.80 240.23 White quartz vein with chlorite. | | | | | | | | |
| | | 240.35 241.45 Trace pyrite. | 8207 | 240.35 | 241.45 | 1.10 | .00 | | | |
| | | 241.45 242.55 Trace pyrite. | 8208 | 241.45 | 242.55 | 1.10 | .00 | | | |
| | | 242.55 243.45 Trace pyrite. | 8209 | 242.55 | 243.45 | .90 | .05 | | | |
| | | 243.45 Blank ma07-40 66-66.5m. | | | | | | | | |
| | | 243.45 243.95 Trace pyrite, quartz chlorite. | 8210 | 243.45 | 243.45 | .00 | .01 | | | |
| | | | 8211 | 243.45 | 243.95 | .50 | .00 | | | |
| | | 243.95 245.00 Trace pyrite, trace arsenopyrite @244.15m. | 8212 | 243.95 | 245.00 | 1.05 | .00 | | | |
| | | 244.70 245.00 White quartz vein with chlorite. | | | | | | | | |
| | | Trace light coloured pyrite cubes at 244.15m (may be aspy). | | | | | | | | |
| | | Sharp lower contorted @30 degrees to core axis and a sudden disappearance of pervasive green sericite. | | | | | | | | |
| | | 245.00 246.00 Trace pyrite. | 8213 | 245.00 | 246.00 | 1.00 | .01 | | | |
| | | 246.00 247.00 Trace pyrite. | 8214 | 246.00 | 247.00 | 1.00 | .01 | | | |
| | | 247.00 247.85 Trace pyrite. | 8215 | 247.00 | 247.85 | .85 | .00 | | | |
| 247.85 | 249.40 | MYLONITE ZONE | | | | | | | | |
| | | Mixed zone, pale red hematization is weak, minor cross-cutting quartz veinlets. | | | | | | | | |
| | | Fracture controlled green sericite is weak. | | | | | | | | |
| | | Unit is similar to that which occurs from 170-190m with some remanant quartzose partings. | | | | | | | | |
| | | Lower contorted sharp against ULTRAMAFIC VOLCANIC, likely faulted. | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| 249.40 | 257.00 | ULTRAMAFIC VOLCANIC<br>Dark green to black coloured, fine grained, talcose unit.<br>Sheared and folded @50 degrees to core axis.<br>253.25 253.70 Spinifex well preserved.<br>255.70 256.25 Shearing strong. | | | | | | | | |
| 257.00 | | END OF HOLE | | | | | | | | |

DRILL HOLE RECORD

Northing: 8150
Easting: 8336
Elevation: 316

Collar Azi.: 340.0
Collar Dip: -50.0

Hole Length: 209.00
Units: Metric
Core Size: NQ
Grid: None

Materials Left: Casing pulled, cemented
Collar Survey: GPS
DH Survey Method: Reflex

Comments:
Logged by: G.Sparling
Date(s) Logged: Mar.6-9,'07
Purpose: Drillhole to test UM/Temiskaming contact
Core Storage: Moneta Facility Timmins

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 50 | 343.1 | -45.1 |
| 110 | 345.1 | -40.3 |
| 182 | 352.8 | -34.4 |

Drill Hole: MA-07-41

Project: Dyment 3
Property: Michaud JV
Claim: 1225544
Northing: N/A
Easting: N/A
GPS Northing: 5368150 NAD 27
GPS Easting: 0568336 NAD 27
Date Started: Feb.22,'07
Date Completed: Feb.27,'07
Drill Contractor: Norex
Sample Type: Cut Core
Analyses: Au 30g FA
Lab FA: Swastika
Sample Series FA: 8430-500, 8216-44
Sample Series FA:
Lab FA Report: 7W-1256/57,1329-RA1
Lab FA Report:
Lab Metallics:
Check Lab: Expert
Check Lab Rept: 18822/23/27

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 30.50 | OVERBURDEN<br>Casing to 30m.<br>30.00 30.5m boulder. | | | | | | | | |
| 30.50 | 70.80 | ALTERED GREYWACKE<br>Green to brown, medium to coarse grained, hard, non magnetic, weak patchy foliation, foliation at 45 degrees to core axis.<br>Very minor sections of broken core, weak to moderate patchy sericite alteration, weak patchy hematite.<br>Chlorite fracture filling with occasional calcite, trace coarse grained pyrite, rare 40-50 degrees to core axis wisps of sericite.<br>0.5% 75-80 Degrees to core axis fracture rehealed with chlorite and hematite, quartz-carbonate stringers and veinlets starting around 44.2m.<br>Stringers at low angles 20-25 degrees to core axis, veinlets at 45-50 degrees to core axis, locally vuggy, increasingly developed foliation and low angle calcite stringers starting around 47m.<br>2-3% Cross cutting calcite stringers at 40-50 tca.<br>35.00 36.50 Coarse grained, section with moderate hematite alteration, trace hematite on fractures.<br>46.90 50.00 2-3% 40-50 degrees to core axis sericite wisps, generally unaltered to | 8430 | 42.30 | 42.80 | .50 | .03 | | | |
| | | | 8431 | 42.80 | 43.30 | .50 | .04 | | | |
| | | | 8432 | 43.30 | 43.70 | .40 | .00 | .02 | | |
| | | | 8433 | 43.70 | 44.20 | .50 | .02 | | | |
| | | | 8434 | 44.20 | 45.10 | .90 | .03 | | | |
| | | | 8435 | 45.10 | 45.60 | .50 | .02 | | | |
| | | | 8436 | 45.60 | 46.10 | .50 | .00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | weakly altered section. | | | | | | | | |
| | | 55.30 56.40 Weakly hematite altered with patchy moderate sericite, 0.5% disseminated pyrite. | | | | | | | | |
| | | 57.5m 3 55 degrees to core axis pyritic stringers. | | | | | | | | |
| | | 55.50 56.00 Bracket sample. | 8437 | 55.50 | 56.00 | .50 | .02 | | | |
| | | 56.00 56.40 Sericitic and hematitic, trace to 0.5% disseminated pyrite. | 8438 | 56.00 | 56.40 | .40 | .00 | | | |
| | | 56.40 56.90 Bracket sample. | 8439 | 56.40 | 56.90 | .50 | .02 | | | |
| | | 62.50 63.00 Bracket sample. | 8440 | 62.50 | 63.00 | .50 | .02 | | | |
| | | 63.00 67.00 Moderately sericite altered section, weakly brecciated, 2% 40-50 degrees to core axis quartz-calcite stringers, trace- 0.5% coarse pyrite. | | | | | | | | |
| | | Lower contact 55 tca. | | | | | | | | |
| | | 63.00 63.75 2% quartz-calcite stringers. | 8441 | 63.00 | 63.75 | .75 | .00 | | | |
| | | 63.75 64.50 4 inch quartz veinlet. | 8442 | 63.75 | 64.50 | .75 | .02 | | | |
| | | 64.50 65.00 Bracket sample. | 8443 | 64.50 | 65.00 | .50 | .02 | .00 | | |
| | | | 8444 | 65.00 | 66.00 | 1.00 | .02 | | | |
| | | 66.00 STANDARD 7Pb. | 8445 | 66.00 | 66.00 | .00 | 2.88 | | | |
| | | | 8446 | 66.00 | 67.00 | 1.00 | .02 | | | |
| 70.80 | 99.70 | ALTERED GREYWACKE | | | | | | | | |
| | | Green to grey, alternating sections of fine grained and medium to coarse grained, hard. | 8447 | 74.40 | 74.90 | .50 | .01 | | | |
| | | Fine grained sections are generally moderately sericite altered with coarser grained material being weakly to moderately hematite altered. | | | | | | | | |
| | | Weakly foliated at 65 degrees to core axis, 3% sericite bands at 65 degrees to core axis, 2% variable angled calcite stringers at 15, 40 and 65 degrees to core axis. | | | | | | | | |
| | | Very minor broken core, rare chlorite and sericite fracture filling, rare localized hematite associated with calcite fracture filling. | | | | | | | | |
| | | 1% Low angle quartz-calcite stringers at 15-20 degrees to core axis starting around 74.5m, trace-0.5% local disseminated pyrite, locally on fractures. | | | | | | | | |
| | | 74.90 75.20 Trace disseminated pyrite associated with quartz-calcite stringers. | 8448 | 74.90 | 75.20 | .30 | .40 | | .33 | |
| | | | 8449 | 75.20 | 76.20 | 1.00 | .00 | | | |
| | | | 8450 | 76.20 | 77.20 | 1.00 | .03 | | | |
| | | | 8451 | 77.20 | 78.20 | 1.00 | .03 | | | |
| | | | 8452 | 78.20 | 78.80 | .60 | .00 | | | |
| | | | 8453 | 78.80 | 79.80 | 1.00 | .02 | | | |
| | | 84.00 95.00 Patchy feldspatized sections with fine disseminated pyrite, 1-2% vuggy calcite stringers, oxidized fractures. | 8454 | 94.50 | 95.10 | .60 | .31 | | | |
| | | 95.10 96.60 Highly feldspatized sections, silicified, 3% fine grained disseminated pyrite, weak 60 degrees to core axis foliation, minor broken core, local vugs, sections of hematite bands. | | | | | | | | |
| | | 95.10 95.90 3% fine disseminated pyrite in highly silicified and feldspatized section. | 8455 | 95.10 | 95.90 | .80 | 5.59 | 5.42 | | |
| | | 95.90 Blank ma07-39, 79.5-80.0m. | 8456 | 95.90 | 95.90 | .00 | .02 | | | |
| | | | 8457 | 95.90 | 96.60 | .70 | 3.87 | 3.70 | 4.38 | 4.46 |
| | | 96.60 99.70 Well foliated, foliation at 50-60 degrees to core axis, 30% hematitic bands of banded iron formation. | 8458 | 96.60 | 97.10 | .50 | .00 | | | |
| | | Lower contact at 50 tca. | | | | | | | | |
| 99.70 | 143.80 | GREYWACKE | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Green to grey, medium grained, homogeneous, hard, weak 50 degrees to core axis foliation, occasional sections of broken core and oxidation. | | | | | | | | |
| | | Local vugs, 2-3% faint 55 degrees to core axis sericite stringers, trace coarse grained pyrite, rare calcite fracture filling, rare sericite altered fractures. | | | | | | | | |
| | | 5% Generally ripped up calcite stringer, stringers at 20 and 65 tca. | | | | | | | | |
| | | 114.00 137.00 Decreased amount of calcite stringers, stringers generally at 20 and 65 degrees to core axis, increased vugs, broken core, local chlorite and calcite fracture filling, local disseminated hematite. | | | | | | | | |
| | | 137.00 142.60 3-5% 55 degrees to core axis sericite stringers, locally vuggy, patchy silicification and very weak feldspatization, minor broken core, local oxidation, local specular hematite. | 8459 | 141.80 | 142.80 | 1.00 | .02 | | | |
| | | | 8460 | 142.80 | 143.80 | 1.00 | .00 | | | |
| | | Lower contact at 50 tca. | | | | | | | | |
| 143.80 | 151.90 | ALTERED GREYWACKE | | | | | | | | |
| | | Red-orange-grey, medium to coarse grained, variably altered greywacke, local pervasive hematite alteration with weak silicification. | 8461 | 143.80 | 144.80 | 1.00 | .07 | | | |
| | | | 8462 | 144.80 | 145.80 | 1.00 | .07 | .05 | | |
| | | Increased feldspatization with patchy hematization with depth, 5% oxidized fractures, local vuggy section with up 1.5% specular hematite. | 8463 | 145.80 | 146.80 | 1.00 | .00 | | | |
| | | | 8464 | 146.80 | 147.80 | 1.00 | .03 | | | |
| | | Trace coarse grained pyrite, 10% broken core, weak patchy foliation, foliation at 60 degrees to core axis, 2-3% 60 degrees to core axis locally wispy sericite stringers. | 8465 | 147.80 | 148.80 | 1.00 | .02 | | | |
| | | | 8466 | 148.80 | 149.80 | 1.00 | .00 | | | |
| | | | 8467 | 149.80 | 150.80 | 1.00 | .00 | | | |
| | | Fracture generally at 50-60 tca. | 8468 | 150.80 | 151.90 | 1.10 | .01 | | | |
| | | Lower contact at 60 degrees to core axis. | | | | | | | | |
| 151.90 | 155.50 | ALTERED GREYWACKE | | | | | | | | |
| | | Orange to red, medium to coarse grained, similar to above unit, moderately feldspatized and silicified with very weak sections of hematite alteration. | 8469 | 151.90 | 152.80 | .90 | .00 | | | |
| | | | 8470 | 152.80 | 153.70 | .90 | .00 | | .01 | |
| | | 3% Oxidized fractures with minor associated broken core, local vugs, local sericite alteration on fractures. | | | | | | | | |
| | | Trace coarse dull yellow-brown pyrite, 1-2% specular hematite generally associated with vugs and fractures. | | | | | | | | |
| | | Very weak foliation with 1-2% sericite stringers (rare wispy), stringers and foliation both at 55-60 degrees to core axis. | | | | | | | | |
| | | 5% Broken core, 70% rqd, fractures generally at 70tca,. | | | | | | | | |
| | | Lower contact at 55 tca. | | | | | | | | |
| | | 153.70 STANDARD 4Pb. | 8471 | 153.70 | 153.70 | .00 | .06 | | | |
| | | | 8472 | 153.70 | 154.60 | .90 | .02 | | | |
| | | | 8473 | 154.60 | 155.50 | .90 | .00 | | | |
| 155.50 | 156.50 | SYENITE | | | | | | | | |
| | | Orange to red, coarse grained, weakly porpheritic syenite dyke, hard, moderately to strongly silicified. | | | | | | | | |
| | | Patchy weak sericite alteration, 2% 60 degrees to core axis stringers with local sericite-quartz in filled micro fractures. | | | | | | | | |
| | | Minor vugs with trace amounts of specular hematite, no visible pyrite, rare fragmented calcite stringers. | | | | | | | | |
| | | Very minor oxidation on lower contact. | | | | | | | | |
| | | 155.50 3.5inch quartz-calcite veinlets, vuggy, one 80 degrees to core axis chlorite stringer, sharp contacts at 55 and 75 tca. | 8474 | 155.50 | 156.50 | 1.00 | .00 | | | |
| | | Lower contact at 7- tca. | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| 156.50 | 160.50 | ALTERED GREYWACKE<br>Pink-orange-grey-red, medium to coarse grained variably altered greywacke, moderately silicified.<br>Generally moderately feldspatized with localized moderate hematite alteration, hard, non magnetic.<br>Poorly developed patchy 60 degrees to core axis foliation, 5% 60 degrees to core axis sericite stringers with local patchy alteration, generally on fractures.<br>Local micro fractures with occasional 15 degrees to core axis specular hematite filled fractures, rare vugs and oxidation.<br>Trace coarse pyrite.<br>160.10 160.40 Pink, porpheritic section, possible syenite dyke.<br>Gradual lower contact. | 8475<br>8476<br>8477<br>8478 | 156.50<br>157.50<br>158.50<br>159.50 | 157.50<br>158.50<br>159.50<br>160.50 | 1.00<br>1.00<br>1.00<br>1.00 | .00<br>.04<br>.00<br>.01 | | | |
| 160.50 | 161.70 | ALTERED GREYWACKE<br>Greyish green, medium grained, altered greywacke, weak to moderately silicified, patchy weak chlorite alteration?, patchy pinkish grey feldspatization.<br>Hard, non magnetic, 1% ripped up calcite stringers, local micro fractures throughout, quartz-calcite healed, trace coarse pyrite associated with calcite.<br>Weak 60 degrees to core axis foliation, 3% 60 degrees to core axis sericite stringers, patchy sericite alteration locally on fractures, very minor local chlorite fracture filling.<br>Lower contact at 70 tca. | 8479<br>8480 | 160.50<br>161.10 | 161.10<br>161.70 | .60<br>.60 | .00<br>.01 | | | |
| 161.70 | 162.40 | BANDED IRON FORMATION<br>Unit is composed of dark green, medium grained greywacke with bands (5mm) of hematitic iron formation at 65 degrees to core axis until around 161.9m.<br>The rest of unit red hematitic iron formation, foliated at 65 degrees to core axis with 2% thin beds of sediments, sections of tension gashes.<br>0.5% Bright coarse pyrite along the thin beds of sediments, rare thin beds of chlorite.<br>1% thin 3-4mm calcite stringers at 65-75 degrees to core axis.<br>Lower contact at 75 tca.<br>161.70 Blank ma07-39, 80.0-80.5m.<br>161.70 162.40 Hematitic BANDED IRON FORMATION with minor pyrite. | 8481<br>8482 | 161.70<br>161.70 | 161.70<br>162.40 | .00<br>.70 | .01<br>.01 | .00 | | |
| 162.40 | 167.40 | ALTERED GREYWACKE<br>Orange-red, hard, medium grained, non magnetic, locally vuggy and oxidized.<br>Moderately silicified, patchy weak hematite and sericite, weak to moderately feldspatized.<br>1% 65 Degrees to core axis locally ripped up calcite stringers, 5% 50-60 degrees to core axis sericite stringers, locally as alteration.<br>Minor sections of broken core generally associated with oxidation, rqd 80%, weakly foliated at 65-70 degrees to core axis.<br>Trace disseminated pyrite, 1-2% specular hematite in calcitic vugs.<br>165.40 166.40 2% specular hematite in vugs.<br>165.70 166.00 Oxidized and broken section with up to 2% specular hematite in vugs.<br>Lower contact at 40 degrees to core axis. | 8483<br>8484<br>8485<br>8486<br>8487 | 162.40<br>163.40<br>164.40<br>165.40<br>166.40 | 163.40<br>164.40<br>165.40<br>166.40<br>167.40 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | .01<br>.01<br>.00<br>.06<br>.02 | | .01 | |
| 167.40 | 169.30 | ALTERED GREYWACKE<br>Light green-brown-grey, altered greywacke with 20% hematitic BANDED IRON | 8488 | 167.40 | 168.40 | 1.00 | .02 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | FORMATION, fine grained, hard, non magnetic.<br>Rare weak patchy silicification, generally weak to moderately sericite chlorite altered with up 20% hematitic BANDED IRON FORMATION sections.<br>Well developed ( swirlly) foliation at 50 degrees to core axis, numerous chlorite healed fractures throughout cross cutting foliation at low angles.<br>Very minor chlorite fracture filling with rare very weak oxidation.<br>1.5% Calcite stringers generally at 50 degrees to core axis with secondary 25 degrees to core axis calcite stringers as fracture filling.<br>Increased patchy feldspatized sections with depth.<br>1-2% Fine disseminated and coarse pyrite generally associated with feldspatization and secondary calcite stringers.<br>Lower contact at 40 degrees to core axis. | | | | | | | | |
| | | 168.40 169.30 10% fragmented feldspatization with 2% pyrite. | 8489 | 168.40 | 169.30 | .90 | .02 | | | |
| 169.30 | 171.60 | BANDED IRON FORMATION | | | | | | | | |
| | | Reddish-brown, fine grained, hematitic BANDED IRON FORMATION, weakly magnetic, hard | 8490 | 169.30 | 170.00 | .70 | .01 | | | |
| | | Moderately foliated at 65 degrees to core axis with several fractures parallel | 8491 | 170.00 | 170.80 | .80 | .00 | | | |
| | | degrees to core axis, fracture generally chlorite with some calcite fracture filling. | 8492 | 170.80 | 171.60 | .80 | .00 | | | |
| | | 2% 50 Degrees to core axis calcite stringers, 1% quartz-calcite (weak feldspatized?) stringers at variable angles 20 and 40 degrees to core axis.<br>2% Coarse pyrite associated with stringers and fractures.<br>Lower contact at 45 tca. | | | | | | | | |
| 171.60 | 174.60 | ALTERED GREYWACKE | | | | | | | | |
| | | Grey-green-yellow, medium grained, moderately hard to hard, non magnetic. | 8493 | 171.60 | 172.60 | 1.00 | .00 | | | |
| | | Patchy silicification associated with patchy feldspatization up to 20%, 5% weak chlorite alteration. | 8494 | 172.60 | 173.60 | 1.00 | .00 | | | |
| | | | 8495 | 173.60 | 174.60 | 1.00 | .00 | | | |
| | | Most of unit is sericite altered, generally as stringers alteration at 50 degrees to core axis.<br>Well developed 50 degrees to core axis foliation, rare chlorite filled fractures, minor oxidation of fractures locally.<br>Lower contact gradual 50 tca. | | | | | | | | |
| 174.60 | 190.20 | ALTERED GREYWACKE | | | | | | | | |
| | | Orange-red grey, medium grained, hard, uniform, non magnetic, rare vugs. | 8496 | 174.60 | 175.45 | .85 | .00 | | | |
| | | Moderately silicified and feldspatized throughout, patchy weak chlorite and hematite alterations. | 8497 | 175.45 | 176.30 | .85 | .00 | | | |
| | | Patchy sericite alteration as stringers at 40 degrees to core axis.<br>1.5% Quartz-calcite stringers throughout, local quartz-calcite stringers-veinlets at 70 degrees to core axis.<br>Increased quartz-calcite stringers 0-15 degrees to core axis starting around 188.8m<br>Well developed foliation at 40-45 degrees to core axis, rare chlorite fracture filling.<br>1% With up to% specular hematite associated with quartz-calcite stringers at 40 degrees to core axis and with minor rehealed fractures.<br>Trace to 0.5% locally fine disseminated and coarse pyrite. | | | | | | | | |
| | | 176.30 176.60 Highly silicifed-felspatized section with trace disseminated pyrite and 2cm quartz-calcite stringer with 50 degrees to core axis contacts. | 8498 | 176.30 | 176.60 | .30 | 2.10 | 1.91 | 1.96 | 2.06 |
| | | 176.60 STANDARD 7Pb. | 8499 | 176.60 | 176.60 | .00 | 2.77 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 8500 | 176.60 | 177.60 | 1.00 | .00 | | | |
| | | | 8216 | 177.60 | 178.60 | 1.00 | .02 | | | |
| | | | 8217 | 178.60 | 179.60 | 1.00 | .04 | | | |
| | | 179.60 180.60 2% specular hematite associated with quartz-calcite stringers. | 8218 | 179.60 | 180.60 | 1.00 | .03 | | | |
| | | | 8219 | 180.60 | 181.50 | .90 | .21 | .26 | | |
| | | | 8220 | 181.50 | 182.40 | .90 | .01 | | | |
| | | | 8221 | 182.40 | 183.30 | .90 | .01 | | | |
| | | 183.30 Blank ma07-39, 78.5-79.0m. | 8222 | 183.30 | 183.30 | .00 | .00 | | | |
| | | | 8223 | 183.30 | 184.10 | .80 | .55 | .45 | | |
| | | 184.10 184.70 3 specs of bright yellow chalcopyrite. | | | | | | | | |
| | | 184.10 184.70 3 specs of chalcopyrite. | 8224 | 184.10 | 184.70 | .60 | .37 | .44 | | |
| | | | 8225 | 184.70 | 185.50 | .80 | .10 | | | |
| | | 185.50 186.10 Series of quartz-calcite stringers at 70 tca. | 8226 | 185.50 | 186.10 | .60 | .70 | | .51 | |
| | | | 8227 | 186.10 | 187.00 | .90 | .13 | | | |
| | | 187.00 2.5inch barren quartz-carbonate veinlet. | | | | | | | | |
| | | Lower contact gradual 45 tca. | | | | | | | | |
| | | 187.00 187.70 187m, 2.5 inch barren quartz-carbonate veinlet, locally vuggy, 1% pyrite and specular hematite. | 8228 | 187.00 | 187.70 | .70 | 1.26 | 1.12 | | |
| | | | 8229 | 187.70 | 188.40 | .70 | .02 | | | |
| | | 188.40 188.70 9.5 inch quartz stringer with trace pyrite. | | | | | | | | |
| | | 188.40 Blank, ma07-39: 66.5-67.0m. | 8231 | 188.40 | 188.70 | .30 | .05 | | | |
| | | | 8230 | 188.40 | 188.40 | .00 | .00 | | | |
| | | | 8232 | 188.70 | 189.50 | .80 | .06 | | | |
| | | 189.50 190.20 28 inch quartz stringers parallel to core axis with trace pyrite. | 8233 | 189.50 | 190.20 | .70 | .26 | | | |
| 190.20 | 198.00 | ALTERED GREYWACKE | | | | | | | | |
| | | Dark green to grey, medium grained, hard, non magnetic, homogeneous. | 8234 | 190.20 | 191.10 | .90 | .04 | | | |
| | | Moderately silicified, pervasive weak to moderate chlorite alteration, patchy sericite alteration locally as stringer alteration. | 8235 | 191.10 | 192.00 | .90 | .01 | | | |
| | | | 8236 | 192.00 | 192.90 | .90 | .00 | | | |
| | | 1% Ripped up calcite stringers, 5-8% sericite stringers at 45 degrees to core axis. | 8237 | 192.90 | 193.80 | .90 | .01 | | .01 | |
| | | Weakly to moderately foliated at 50-55 degrees to core axis, sericite altered fractures with occasional chlorite fracture filling. | | | | | | | | |
| | | Trace to 0.5% coarse pyrite locally, rare specular hematite. | | | | | | | | |
| | | 193.80 194.60 Patchy bleaching with 3% quartz-carbonate stringers at 75 degrees to core axis. | 8238 | 193.80 | 194.60 | .80 | .00 | .00 | | |
| | | 194.60 195.10 Strongly sericite bleached with 8 inch quartz-carbonate vein at 10 tca. | 8239 | 194.60 | 195.10 | .50 | .00 | | | |
| | | 195.10 198massive section with local chlorite and hematite alteration, very minor local bleaching, trace coarse grained pyrite. | | | | | | | | |
| | | Lower contact at 60 tca. | | | | | | | | |
| | | 195.10 Blank ma07-39, 80.5-81.0m. | 8240 | 195.10 | 195.10 | .00 | .00 | | | |
| | | | 8241 | 195.10 | 196.00 | .90 | .03 | | | |
| | | | 8242 | 196.00 | 197.00 | 1.00 | .00 | .00 | | |
| | | | 8243 | 197.00 | 198.00 | 1.00 | .01 | | | |
| 198.00 | 201.80 | BANDED IRON FORMATION | | | | | | | | |
| | | Red, fine grained, weakly magnetic, hard, locally massive, 20% greywacke inclusions | 8244 | 198.00 | 199.00 | 1.00 | .02 | | | |
| | | Hematite altered, patchy weak to moderate chlorite alteration. | | | | | | | | |
| | | Patchy 50 degrees to core axis foliation, 10% minor sections of broken core, local chlorite calcite fracture filling. | | | | | | | | |
| | | 1% thin 30-35 degrees to core axis calcite stringers. | | | | | | | | |
| | | Trace coarse grained pyrite and specular hematite associated with calcite stringers | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Lower contact at 50 degrees to core axis. | | | | | | | | |
| 201.80 | 204.90 | ULTRAMAFIC VOLCANIC<br>Dark green to grey, medium grained, soft, weakly magnetic, talc chlorite schist, minor vugs.<br>Moderately talc and chlorite altered.<br>Weakly foliated at 50 degrees to core axis with 10% broken core.<br>Occasional 50 degrees to core axis hematite band and thin calcite stringer.<br>Lower contact 75-80 tca. | | | | | | | | |
| 204.90 | 206.70 | FAULT ZONE<br>Fault zone in talc chlorite schist, 0% rqd, 15% recovery, 0.9m core missing, minor fault gouge.<br>Lower contact at 75 tca. | | | | | | | | |
| 206.70 | 209.00 | ULTRAMAFIC VOLCANIC<br>Dark green to black, medium grained, soft, weakly magnetic.<br>Weak to moderate talc and chlorite alteration.<br>Weakly brecciated, chlorite and calcite healed, chlorite fracture filling, weak 60 degrees to core axis foliation.<br>Trace coarse grained pyrite. | | | | | | | | |
| 209.00 | | END OF HOLE | | | | | | | | |

DRILL HOLE RECORD

| | |
|---|---|
| Northing: | 8100 |
| Easting: | 8490 |
| Elevation: | 316 |
| Collar Azi.: | 340.0 |
| Collar Dip: | -50.0 |
| Hole Length: | 350.00 |
| Units: | Metric |
| Core Size: | NQ |
| Grid: | None |
| Materials Left: | Casing, cemented |
| Collar Survey: | GPS |
| DH Survey Method: | Reflex |
| Comments: | Cementing may have failed |
| Logged by: | G.Sparling |
| Date(s) Logged: | March 23-28,2007 |
| Purpose: | Drillhole to test UM/Timiskaming contact |
| Core Storage: | Moneta Facility Timmins |

*** Dip Tests ***

| Depth | Azi. | Dip |
|---|---|---|
| 65 | 342.7 | -51.3 |
| 140 | 346.1 | -47.8 |
| 233 | 350.5 | -43.5 |
| 332 | 352.9 | -38.1 |

| | |
|---|---|
| Drill Hole: | MA-07-42 |
| Project: | Dyment 3 |
| Property: | Michaud JV |
| Claim: | 1225544 |
| Northing: | N/A |
| Easting: | N/A |
| GPS Northing: | 5368100 NAD 27 |
| GPS Easting: | 0568490 NAD 27 |
| Date Started: | Feb.28,'07 |
| Date Completed: | Mar.7,'07 |
| Drill Contractor: | Norex |
| Sample Type: | Cut Core |
| Analyses: | Au 30g FA |
| Lab FA: | Swastika |
| Sample Series FA: | 8245-400,13001-6/22-26 |
| Sample Series FA: | |
| Lab FA Report: | 7W-1329/61,1455,1603-RA1 |
| Lab FA Report: | |
| Lab Metallics: | |
| Check Lab: | Expert |
| Check Lab Rept: | 18828-29 |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| .00 | 57.00 | OVERBURDEN | | | | | | | | |
| 57.00 | 158.60 | GREYWACKE<br>Green to grey, medium grained, fairly unaltered greywacke's, hard, non magnetic, locally vuggy.<br>Patchy moderate calcite alteration with 20% oxidized vuggy section, patchy weak hematite alteration starting around 83m.<br>Hematite alteration dark red to brown, locally as thin hematitic bands.<br>1-2% (1cm) sericite bands at 45 degrees to core axis, rare fragmented calcite stringers cross cutting foliation at 45 degrees to core axis.<br>Weakly foliated at around 50 degrees to core axis, minor sections of broken core, 55% rqd, generally good recovery.<br>Rare coarse pyrite associated with fractures and stringers.<br>97.50 108.50 Heavily oxidized and fractured section, 45% rqd.<br>112.70 120.00 Dark green section, moderate red to purple hematite altered section, occasional heavily oxidized sericitic stringer (?) at 45 degrees to core axis.<br>128.20 130.40 Moderately hematite altered section with rare vugs, trace specular hematite.<br>147.00 151.00 Calcite with pink- orange feldspars with 0.5% coarse pyrite and 0.5% specular hematite.<br>Lower contact at 60 tca.<br>149.00 150.00 10% vuggy calcite-feldspar-quartz stringers/fractures with 0.5% pyrite and specular hematite. | 8245<br>8246<br>8247<br>8248<br>8249 | 147.00<br>148.00<br>149.00<br>150.00<br>157.60 | 148.00<br>149.00<br>150.00<br>151.00<br>158.60 | 1.00<br>1.00<br>1.00<br>1.00<br>1.00 | .01<br>.00<br>.00<br>.00<br>.01 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| 158.60 | 195.30 | ALTERED GREYWACKE | | | | | | | | |
| | | Red to brown greenish, medium to coarse material, non magnetic, hard, fairly massive, rare vugs. | 8251 | 158.60 | 159.60 | 1.00 | .00 | | | |
| | | | 8252 | 159.60 | 160.60 | 1.00 | .06 | | .04 | .03 |
| | | Moderately to strongly hematized, sections of moderate silicification, rare weak chlorite alteration. | 8253 | 160.60 | 161.60 | 1.00 | .07 | | | |
| | | | 8254 | 161.60 | 162.60 | 1.00 | .00 | | | |
| | | Weak patchy sericite alteration, generally on fracture and in stringer form at 60-70 degrees to core axis, wispy to 1cm thick. | 8255 | 162.60 | 163.60 | 1.00 | .02 | | | |
| | | | 8256 | 163.60 | 164.60 | 1.00 | .37 | .33 | | |
| | | Weak very localized 60 degrees to core axis foliation, minor local weakly oxidized broken sections, local chlorite and calcite fracture filling. | 8257 | 164.60 | 165.60 | 1.00 | .01 | | | |
| | | | 8258 | 165.60 | 166.60 | 1.00 | .00 | | | |
| | | 1-2% Calcite with 0.5% quartz calcite locally at 55 degrees to core axis, 1-2cm thick, stringers are have black halo's of chlorite and specular hematite. | 8259 | 166.60 | 167.60 | 1.00 | .01 | | | |
| | | | 8260 | 167.60 | 168.60 | 1.00 | .20 | | | |
| | | Trace coarse pyrite and 0.5% specular hematite associated with stringers, fractures and vugs. | 8261 | 168.60 | 169.60 | 1.00 | .03 | | | |
| | | | 8262 | 169.60 | 170.60 | 1.00 | .02 | | | |
| | | 171.60 STANDARD 7Pb. | 8263 | 170.60 | 171.60 | 1.00 | .05 | | | |
| | | | 8264 | 171.60 | 171.60 | .00 | 2.72 | | 3.24 | 3.39 |
| | | | 8265 | 171.60 | 172.50 | .90 | .55 | .49 | | |
| | | | 8266 | 172.50 | 173.40 | .90 | .01 | | | |
| | | | 8267 | 173.40 | 174.30 | .90 | .00 | | | |
| | | | 8268 | 174.30 | 175.20 | .90 | .02 | | | |
| | | 175.20 176.10 2% low angle quartz-calcite stringers with trace coarse pyrite and specular hematite. | 8269 | 175.20 | 176.10 | .90 | .00 | | | |
| | | | 8270 | 176.10 | 177.00 | .90 | .00 | | | |
| | | | 8271 | 177.00 | 178.00 | 1.00 | .00 | | | |
| | | | 8272 | 178.00 | 179.00 | 1.00 | .40 | | | |
| | | 179.00 184.00 Increasingly fractured, vuggy sections of broken core with 2% quartz-calcite stringers at 20-30 tca. | 8273 | 179.00 | 180.00 | 1.00 | .41 | | | |
| | | 180.00 181.00 3% low angle quartz-calcite stringers with 1% yellow coarse pyrite, moderately hematized. | 8274 | 180.00 | 181.00 | 1.00 | .24 | | | |
| | | | 8275 | 181.00 | 182.00 | 1.00 | 1.48 | 1.51 | 1.88 | 1.82 |
| | | | 8276 | 182.00 | 183.00 | 1.00 | .57 | .67 | | |
| | | | 8277 | 183.00 | 184.00 | 1.00 | .21 | | | |
| | | 184.00 195.30 Weakly hematized section with weak to moderate sericite-chlorite alteration, 25% vuggy, fractured, oxidized sections with 1% quartz-calcite stringers at 60 degrees to core axis, trace pyrite and 0.5% specular hematite. | 8278 | 184.00 | 185.00 | 1.00 | .64 | | | |
| | | Lower contact at 40 tca. | | | | | | | | |
| | | 185.00 186.00 3.5 inch quartz veinlet at 185.5m in weakly sericite-hematite altered matrix. | 8279 | 185.00 | 186.00 | 1.00 | .69 | | | |
| | | | 8280 | 186.00 | 186.90 | .90 | .50 | | .38 | |
| | | | 8281 | 186.90 | 187.80 | .90 | .15 | | | |
| | | | 8282 | 187.80 | 188.70 | .90 | .04 | | | |
| | | | 8283 | 188.70 | 189.60 | .90 | .20 | | | |
| | | | 8284 | 189.60 | 190.50 | .90 | .27 | | | |
| | | | 8285 | 190.50 | 191.40 | .90 | .14 | | | |
| | | | 8286 | 191.40 | 192.30 | .90 | .06 | | | |
| | | 192.30 Ma-07-39, 81.0-81.5m. | 8287 | 192.30 | 192.30 | .00 | .03 | | | |
| | | | 8288 | 192.30 | 193.30 | 1.00 | .03 | | | |
| | | | 8289 | 193.30 | 194.30 | 1.00 | .34 | | | |
| | | | 8290 | 194.30 | 195.30 | 1.00 | .00 | | | |
| 195.30 | 265.50 | GREYWACKE | | | | | | | | |
| | | Green to grey, medium grained, massive sections, hard, non magnetic, weakly altered greywacke. | 8291 | 195.30 | 196.30 | 1.00 | .09 | | | |
| | | | 8292 | 203.90 | 204.40 | .50 | .03 | .02 | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Patchy pervasive moderate sericite alteration. | 8293 | 204.40 | 205.40 | 1.00 | .03 | | | |
| | | Weak to moderately foliated at 50 degrees to core axis, 5% argillite beds (1-4cm | 8294 | 205.40 | 205.90 | .50 | .00 | | | |
| | | thick), several rehealed tension gashes/fractures, minor localized blocky vuggy | 8295 | 212.70 | 213.00 | .30 | .00 | | | |
| | | sections. | 8296 | 213.00 | 213.30 | .30 | .00 | | | |
| | | Calcite and chlorite fracture filling, local hematite on fractures, generally 2-3% | 8297 | 213.30 | 213.60 | .30 | .03 | | | |
| | | with up to 10% sericite stringers locally at 55 degrees to core axis 1-5cm thick. | 8298 | 217.40 | 217.70 | .30 | .02 | | .00 | |
| | | 0.5% Pyrite with local specular hematite. | 8299 | 217.70 | 218.00 | .30 | .03 | | | |
| | | 1% Calcite stringers at 20 and 65 tca. | 8300 | 218.00 | 218.30 | .30 | .01 | | | |
| | | 256.40 258.10 Strongly oxidized rublely section, vuggy, greyish, weakly hematized and silicified. | 8301 | 255.40 | 256.40 | 1.00 | .00 | | | |
| | | 256.40 STANDARD 4Pb. | 8302 | 256.40 | 256.40 | .00 | .06 | | | |
| | | | 8303 | 256.40 | 256.90 | .50 | .01 | | | |
| | | | 8304 | 256.90 | 257.50 | .60 | .02 | | | |
| | | | 8305 | 257.50 | 258.10 | .60 | .02 | | | |
| | | 258.10 265.30 25% feldspathic, silicified and hematized sections with minor vugs, | 8306 | 258.10 | 259.00 | .90 | .03 | | | |
| | | trace-0.5% pyrite and specular hematite associated with vuggy | 8307 | 259.00 | 260.00 | 1.00 | .15 | | .13 | |
| | | calcite-quartz stringers/fracture filling. | 8308 | 260.00 | 261.00 | 1.00 | .01 | | | |
| | | | 8309 | 261.00 | 262.00 | 1.00 | .02 | | | |
| | | | 8310 | 262.00 | 263.00 | 1.00 | .01 | | | |
| | | Lower contact at 60 tca. | | | | | | | | |
| | | 263.00 264.00 Moderately hematized with patchy feldspathic sections, trace pyrite. | 8311 | 263.00 | 264.00 | 1.00 | .00 | | | |
| | | | 8312 | 264.00 | 264.75 | .75 | .02 | | | |
| | | | 8313 | 264.75 | 265.50 | .75 | .01 | .02 | .00 | |
| 265.50 | 283.70 | ALTERED GREYWACKE | | | | | | | | |
| | | Red-orange-pink, medium to coarse grained, locally vuggy, very hard, non magnetic. | 8314 | 265.50 | 266.30 | .80 | .00 | | | |
| | | Pervasive moderate hematite-feldspathic alteration, moderate silicification with local highly silicified sections. | 8315 | 266.30 | 267.00 | .70 | .01 | | | |
| | | Patchy moderate sericite alteration as stringers, maybe up to 5% locally with occasional wispy stringers. | | | | | | | | |
| | | 3-5% Quartz-carbonate-calcite stringers at 40-50 degrees to core axis throughout, up to 10% locally. | | | | | | | | |
| | | Minor sections of broken core 3%, very weak localized foliation at 55-60 tca. | | | | | | | | |
| | | Trace fine and coarse pyrite with up to 0.5% specular hematite associated with vuggy sections. | | | | | | | | |
| | | 267.00 Blank ma-07-39, 81.5-82.0m. | 8316 | 267.00 | 267.00 | .00 | .00 | | | |
| | | | 8317 | 267.00 | 267.80 | .80 | .02 | | | |
| | | 267.80 268.30 10% 40-50 degrees to core axis quartz-carbonate stringers, barren, local vugs. | 8318 | 267.80 | 268.30 | .50 | .00 | | | |
| | | | 8319 | 268.30 | 269.30 | 1.00 | .00 | | | |
| | | | 8320 | 269.30 | 270.30 | 1.00 | .03 | .02 | | |
| | | 270.30 281.70 Increasingly feldspathic with more grey to pink color. | 8321 | 270.30 | 271.30 | 1.00 | .02 | | | |
| | | | 8322 | 271.30 | 272.30 | 1.00 | .01 | | | |
| | | | 8323 | 272.30 | 273.30 | 1.00 | .00 | | | |
| | | | 8324 | 273.30 | 274.30 | 1.00 | .01 | | | |
| | | | 8325 | 274.30 | 275.20 | .90 | .00 | | | |
| | | | 8326 | 275.20 | 276.10 | .90 | .00 | | | |
| | | | 8327 | 276.10 | 277.00 | .90 | .04 | | | |
| | | | 8328 | 277.00 | 278.00 | 1.00 | .00 | | | |
| | | | 8329 | 278.00 | 278.90 | .90 | .02 | | | |
| | | Gradual lower contact. | | | | | | | | |
| | | 278.90 STANDARD 61Pb. | 8330 | 278.90 | 278.90 | .00 | 4.82 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 8331 | 278.90 | 279.80 | .90 | .04 | | | |
| | | | 8332 | 279.80 | 280.70 | .90 | .00 | | | |
| | | | 8333 | 280.70 | 281.70 | 1.00 | .32 | | .01 | |
| | | Light brown to pinkish, medium grained, very hard, vuggy, non magnetic. | | | | | | | | |
| | | Highly silicified with pervasive sericite alteration, patchy weak to moderate mix of feldspatization and hematite alteration. | | | | | | | | |
| | | Very weak local 60 degrees to core axis foliation, very minor blocky sections associated with vuggy sections. | | | | | | | | |
| | | Occasional 65 degrees to core axis sericite stringers with local sericite on fractures. | | | | | | | | |
| | | 10-15% Stockwork system of quartz-calcite-carbonate veins, 1% quartz-calcite stringers at 30-35 tca. | | | | | | | | |
| | | Gradual lower contact. | | | | | | | | |
| | | 281.70 282.70 10% quart-calcite-carbonate stockwork veins. | 8334 | 281.70 | 282.70 | 1.00 | .39 | | | |
| | | 282.70 283.70 15% quart-calcite-carbonate stockwork veins. | 8335 | 282.70 | 283.70 | 1.00 | 1.06 | .90 | .23 | |
| 281.70 | 283.70 | ALTERED GREYWACKE | | | | | | | | |
| 283.70 | 290.60 | ALTERED GREYWACKE | | | | | | | | |
| | | Pink orange red, medium grained, hard, non magnetic. | 8336 | 283.70 | 284.70 | 1.00 | .00 | | | |
| | | Pervasively hematite altered with weak feldspathic sections, moderately silicified. | 8337 | 284.70 | 285.70 | 1.00 | .02 | | | |
| | | Patchy sericite stringer alteration, stringers generally 1-3cm at 60 degrees to core axis. | 8338 | 285.70 | 286.70 | 1.00 | .00 | | | |
| | | | 8339 | 286.70 | 287.70 | 1.00 | .02 | | | |
| | | Very weak 60 degrees to core axis foliation. | 8340 | 287.70 | 288.70 | 1.00 | .03 | .03 | | |
| | | Fracture/ calcite stringers cross cutting foliation at 60-70 degrees to core axis. | 8341 | 288.70 | 289.70 | 1.00 | .00 | | .52 | |
| | | Trace fine pyrite with 0.5% specular hematite associated with stringers and fractures. | 8342 | 289.70 | 290.60 | .90 | .00 | | | |
| | | Sharp lower contact at 35 tca. | | | | | | | | |
| 290.60 | 309.20 | GREYWACKE | | | | | | | | |
| | | Dark green, fine to medium grained locally altered greywacke, hard to very hard, non magnetic, rare vugs. | 8343 | 290.60 | 291.60 | 1.00 | .04 | | | |
| | | | 8344 | 291.60 | 292.60 | 1.00 | .05 | | | |
| | | Variably altered unit, weak to moderately chlorite altered throughout, 30% feldspathic-hematite-silicified sections with local highly concentrated sections. | 8345 | 292.60 | 293.60 | 1.00 | .03 | | | |
| | | | 8346 | 293.60 | 294.60 | 1.00 | .02 | | | |
| | | Patchy serictization throughout, occurring mostly as stringers alteration at 40-60 degrees to core axis, maybe 10% overall. | 8347 | 294.60 | 295.60 | 1.00 | .02 | | | |
| | | | 8348 | 295.60 | 296.50 | .90 | .02 | | | |
| | | Well foliated at 60 degrees to core axis, localized fracturing and tension gashes healed with variety of mineralization (calcite, chlorite, red hematite, specular hematite and quartz-calcite). | | | | | | | | |
| | | Faint dark green to black beds can be seen, probably argillite, 2-3cm thick, maybe 8%. | | | | | | | | |
| | | Trace to 0.5% coarse pyrite at best locally, generally associated with fractures, stringers and in matrix, 0.5% specular hematite in fractures. | | | | | | | | |
| | | 1-2% Quartz-calcite stringers at various angles 20, 50 and 60 degrees to core axis, cross cutting foliation. | | | | | | | | |
| | | 209.30 303.30 80% moderate to highly feldspathic-hematitic-silicified section with trace mineralization. | | | | | | | | |
| | | 296.50 Blank ma-07-39, 70.5-71.0m. | 8349 | 296.50 | 296.50 | .00 | .04 | | | |
| | | | 8350 | 296.50 | 297.50 | 1.00 | .14 | | | |
| | | | 8351 | 297.50 | 298.30 | .80 | .00 | | | |
| | | | 8352 | 298.30 | 299.30 | 1.00 | .00 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 8353 | 299.30 | 300.30 | 1.00 | .03 | | | |
| | | | 8354 | 300.30 | 301.30 | 1.00 | .19 | | | |
| | | | 8355 | 301.30 | 302.30 | 1.00 | .25 | .22 | .00 | |
| | | | 8356 | 302.30 | 303.30 | 1.00 | .00 | | | |
| | | | 8357 | 303.30 | 304.30 | 1.00 | .00 | | | |
| | | | 8358 | 304.30 | 305.30 | 1.00 | .01 | | | |
| | | | 8359 | 305.30 | 306.30 | 1.00 | .00 | | | |
| | | | 8360 | 306.30 | 307.30 | 1.00 | .00 | | | |
| | | | 8361 | 307.30 | 308.30 | 1.00 | .03 | | | |
| | | | 8362 | 308.30 | 309.20 | .90 | .02 | | | |
| 309.20 | 313.60 | ALTERED GREYWACKE | | | | | | | | |
| | | Red-orange-pink, medium grained, vuggy, very hard, non magnetic. | 8363 | 309.20 | 310.00 | .80 | .02 | | | |
| | | Pervasively hematized with moderate silicification-feldspathic sections, patchy locally chlorite altered sections. | 8364 | 310.00 | 310.90 | .90 | .02 | | | |
| | | 5% 60-65 Degrees to core axis yellow bands of sericite, locally as alteration. | | | | | | | | |
| | | Moderately foliated at 60 degrees to core axis, 20% vuggy, oxidized, quartz-calcite stringers broken core sections. | | | | | | | | |
| | | A few quartz calcite veinlets, mostly barren, oxidized, vuggy, 3 inch to 6 inch in width. | | | | | | | | |
| | | 55% Rqd with chlorite-sericite fracture filling. | | | | | | | | |
| | | Trace coarse pyrite and specular hematite. | | | | | | | | |
| | | Lower contact at 70 tca. | | | | | | | | |
| | | 310.90 311.80 311m, 6 inch vuggy quartz-calcite vein. | 8365 | 310.90 | 311.80 | .90 | 1.27 | 1.32 | 1.25 | 1.30 |
| | | | 8366 | 311.80 | 312.70 | .90 | .71 | | | |
| | | 312.70 STANDARD 7Pb. | 8367 | 312.70 | 312.70 | .00 | 2.89 | | | |
| | | | 8368 | 312.70 | 313.60 | .90 | .81 | | | |
| 313.60 | 327.50 | GREYWACKE | | | | | | | | |
| | | Green to purple green, fine to medium grained, moderately hard to hard sections, non magnetic, rare vugs. | 8369 | 313.60 | 314.50 | .90 | 1.00 | | | |
| | | | 8370 | 314.50 | 315.50 | 1.00 | .55 | | | |
| | | Moderate hematite-chlorite alteration with sections of moderate silicification. | 8371 | 315.50 | 316.50 | 1.00 | .08 | | | |
| | | 10% 60-70 Degrees to core axis sericite stringers, locally as wisps. | 8372 | 316.43 | 317.50 | 1.07 | .06 | | | |
| | | Weak to moderately foliated, minor local fracturing, chlorite and rare calcite fracture filling. | 8373 | 317.38 | 318.50 | 1.12 | .07 | | | |
| | | | 8374 | 318.33 | 319.50 | 1.17 | .06 | | | |
| | | Trace coarse pyrite and specular hematite in fractures. | 8375 | 319.28 | 320.50 | 1.22 | .05 | | | |
| | | 327.00 Rare 40 degrees to core axis quartz-calcite stringers. | 8376 | 320.23 | 321.50 | 1.27 | .05 | | | |
| | | Sharp lower contact at 70 tca. | 8377 | 321.18 | 322.50 | 1.32 | .12 | | | |
| | | | 8378 | 322.13 | 323.50 | 1.37 | .40 | .29 | .29 | |
| | | | 8379 | 323.08 | 324.50 | 1.42 | .13 | | | |
| | | | 8380 | 324.03 | 325.50 | 1.47 | .13 | | | |
| | | | 8381 | 324.98 | 326.50 | 1.52 | .05 | | | |
| | | | 8382 | 325.93 | 327.50 | 1.57 | .07 | | | |
| 327.50 | 330.70 | SYENITE | | | | | | | | |
| | | Orange-red, fine to medium grained, syenite dyke, very hard, porpheritic, qfp?. | 8383 | 327.50 | 328.30 | .80 | .04 | | | |
| | | Silicified throughout with patchy sericite alteration occurring as stringers at 70 degrees to core axis and locally along fractures. | | | | | | | | |
| | | Numerous fractures throughout (crackled), fractures at 65-70 degrees to core axis, chlorite with occasional calcite-quartz filling. | | | | | | | | |
| | | 2% Quartz veinlets are very low angle 20-30 degrees to core axis, veinlets up to 6 | | | | | | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | inch long.<br>Trace fine disseminated pyrite.<br>Sharp lower contact at 40 tca.<br>328.30 Blank ma-07-39, 81.0-81.5m. | 8384 | 328.30 | 328.30 | .00 | .04 | | | |
| | | | 8385 | 328.30 | 328.60 | .30 | .04 | | | |
| | | | 8386 | 328.60 | 329.50 | .90 | .04 | | | |
| | | | 8387 | 329.50 | 330.20 | .70 | .04 | | | |
| | | | 8388 | 330.20 | 330.70 | .50 | .00 | | | |
| 330.70 | 335.50 | GREYWACKE<br>Green to grey, medium grained, homogeneous, moderately hard to hard, non magnetic, rare vugs.<br>Weak patchy chlorite alteration with patchy weak to moderate sericite alteration.<br>Sericite alteration increases around 334.8m.<br>Weakly foliated at 55-60 degrees to core axis, minor local fractures at 50-55 degrees to core axis with minor broken core.<br>Chlorite-calcite fracture filling with local sericite alteration, rare oxidation.<br>1% 50-60 Degrees to core axis calcite stringers (local vugs).<br>Trace coarse pyrite.<br>Sharp lower contact at 70 degrees to core axis. | 8389 | 330.70 | 331.70 | 1.00 | .07 | | | |
| | | | 8390 | 331.70 | 332.70 | 1.00 | .00 | | .00 | |
| | | | 8391 | 332.70 | 333.70 | 1.00 | .00 | | | |
| | | | 8392 | 333.70 | 334.60 | .90 | .05 | .04 | | |
| | | | 8393 | 334.60 | 335.50 | .90 | .07 | | | |
| 335.50 | 335.90 | QUARTZ VEIN<br>Milky white quartz vein with vuggy sections, local oxidation and calcite stringers at 70 degrees to core axis.<br>1% Coarse pyrite associated with vugs.<br>Lower contact at 60 tca.<br>335.50 335.97 Vuggy quartz vein. | 8394 | 335.50 | 335.97 | .47 | 2.66 | 6.72 | 1.68 | 1.71 |
| 335.90 | 344.40 | ALTERED GREYWACKE<br>Green-red-orange, medium grained, hard to very hard sections, non magnetic, rare vugs in stringers.<br>Various combinations of sericite, hematite, chlorite, silicification and feldspathic alteration, alteration range from weak to strong locally.<br>Fractured/crackled throughout unit, minor sections of broken core, local oxidation, fracturing random orientation.<br>Chlorite fracture filling and rehealing with rare calcite, weakly foliated at 50-55 degrees to core axis.<br>2% Quartz-calcite stringers at 70 degrees to core axis, 5mm to 2cm thick.<br>2% Quartz-calcite veinlets at 40 degrees to core axis, 9cm to 18cm thick.<br>Trace fine disseminated and bright coarse pyrite.<br>Sharp lower contact at 40 degrees to core axis.<br>337.50 STANDARD 61Pb. | 8395 | 335.97 | 336.90 | .93 | .05 | | | |
| | | | 8396 | 336.90 | 337.50 | .60 | .05 | | | |
| | | | 8397 | 337.50 | 337.50 | .00 | 4.94 | | | |
| | | | 8398 | 337.50 | 338.05 | .55 | .08 | | | |
| | | | 8399 | 338.05 | 338.60 | .55 | .05 | | | |
| | | | 8400 | 338.60 | 339.15 | .55 | .00 | | | |
| | | | 13022 | 339.15 | 339.75 | .60 | .07 | | | |
| | | | 13023 | 339.75 | 340.22 | .47 | .13 | | | |
| | | | 13024 | 340.22 | 340.67 | .45 | .00 | | | |
| | | | 13001 | 340.67 | 341.50 | .83 | .29 | | | |
| | | | 13002 | 341.50 | 342.12 | .62 | .13 | | | |
| | | | 13003 | 342.12 | 342.72 | .60 | .09 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | AU(S) (g/t) | S-DUP (g/t) | AU(E) (g/t) | E-DUP (g/t) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 342.72 343.10 Quartz chlorite vein. | 13025 | 342.72 | 343.10 | .38 | .00 | | | |
| | | 343.10 343.70 Stringers. | 13026 | 343.10 | 343.70 | .60 | .01 | | | |
| | | | 13004 | 343.70 | 344.40 | .70 | .00 | | | |
| 344.40 | 345.40 | BANDED IRON FORMATION<br>Dark red BANDED IRON FORMATION with 15% sections of green greywacke, fine grained BANDED IRON FORMATION with medium grained greywacke, moderately hard to hard, weakly magnetic.<br>Moderately silicified throughout, pervasive hematite alteration, patchy chlorite and sericite stringer alteration.<br>Weak 50 degrees to core axis foliation, minor fracturing cross cutting foliation at 30 degrees to core axis, calcite and chlorite fracture filling.<br>2% Quartz calcite veins at 40 degrees to core axis cross cut by calcite healed fracturing at 30 degrees to core axis.<br>2-3% Very coarse bright pyrite throughout in fracture, stringers, matrix and locally as stringers.<br>Sharp lower contact at 35 tca.<br>344.40 345.40 Silicified BANDED IRON FORMATION with 2% quartz veinlets and stringers, 2-3% pyrite. | 13005 | 344.40 | 345.40 | 1.00 | .32 | .22 | .17 | |
| 345.40 | 350.00 | ULTRAMAFIC VOLCANIC<br>Dark green to black, medium grained, talc-chlorite-schist ultra mafic volcanic, weakly magnetic, soft to moderately soft.<br>Moderately calcite altered due to abundant calcite stringers/veins, moderately to highly talc and chlorite altered.<br>Weak serictization until 346.3.<br>Weak to moderate local foliation, 20% broken core, 65% rqd.<br>5% Calcite stringers in moderately foliated sections at 50-60 degrees to core axis, 1% calcite veinlets at 50 tca.<br>Trace coarse pyrite.<br>349.00 Minor faulting, rehealed. | 13006 | 345.40 | 346.30 | .90 | .10 | | | |
| 350.00 | | END OF HOLE | | | | | | | | |

## Appendix 2 Sections and Plans

ML 10466

(772745)

568100 | 568200 | 568300 | 568400 | 568500

5368400

5368300

5368200

5368100

5368000

5367900

MA-06-33
Dip -45° / Az 206°

MA-06-34
Dip -50° / Az 160°

MA-07-35x
Dip -50° / Az 160°

MA-06-41
Dip -50° / Az 340°

MA-06-40
Dip -50° / Az 340°

MA-06-42
Dip -50° / Az 340°

MA-07-39
Dip -50° / Az 340°

L92W

L80W/40+20S

L84W/39+00S

L82W/39+55S

L86W/38+50S

L88W/37+50S

pin

pin

1225544

1199892

N

NAD 27

## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| AGWK | Altered Greywacke |
| SED | Sediment |
| MXS | Mixed Sediments |
| AMXZ | Altered Mixed Sediments |
| GSHAL | Gradational Shale |
| SHAL | Shale |
| SILT | Siltstone |
| SAND | Sandstone |
| AQTZ | Massive Altered Quartzite |
| QZSS | Mixed Quartzite -Siltstone |
| MGB | Mixed Greywacke/BIF |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QCBX | Quartz-carb Breccia |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| DB | Diabase Dyke |
| MD | Mafic Dyke |
| MZ | Mylonite Zone |
| FZ | Fault Zone |
| *assays* (≥0.25 g/t) | *0.50 g/t Au over metres* |

0 50m 100m

0 100ft 200ft 300ft

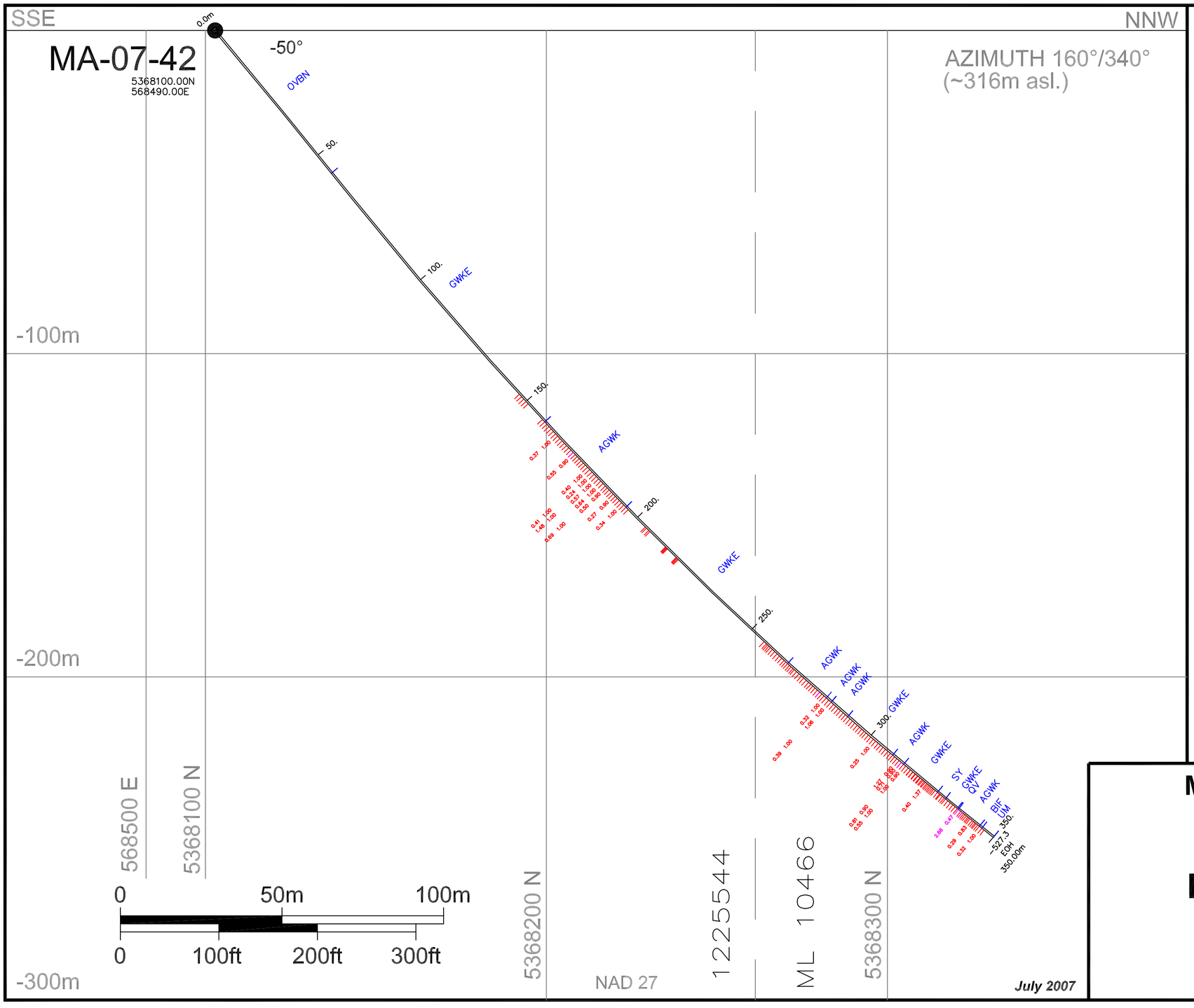
# MONETA PORCUPINE MINES - ACREX VENTURES JV

**Michaud Property**

## Dyment 3 Option Drilling

***Drill Hole Plan View***

*July/August 2007*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| SED | Sediment |
| QZSS | Mixed Quartzite -Siltstone |
| MXS | Mixed Sediments |
| AQTZ | Massive Altered Quartzite |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| MZ | Mylonite Zone |
| *assays (≥0.25 g/t)* | *0.50 g/t Au over metres* |

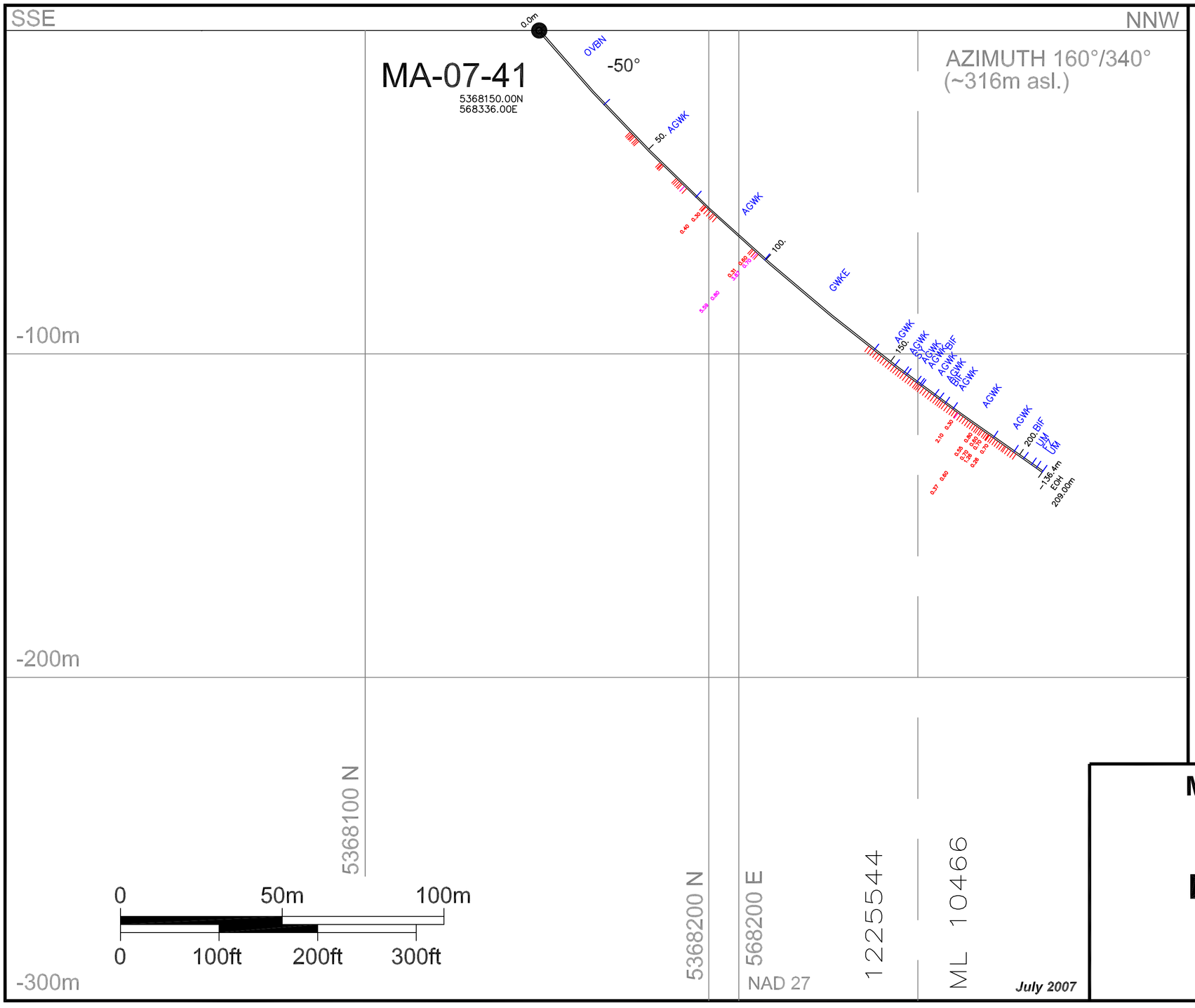
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-07-42*

## *Section Line 84W*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| SED | Sediment |
| QTZT | Quartzite |
| MXS | Mixed Sediments |
| AMXZ | Altered Mixed Sediments |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| FZ | Fault Zone |
| *assays (>0.25 g/t)* | *0.50 g/t Au over metres* |

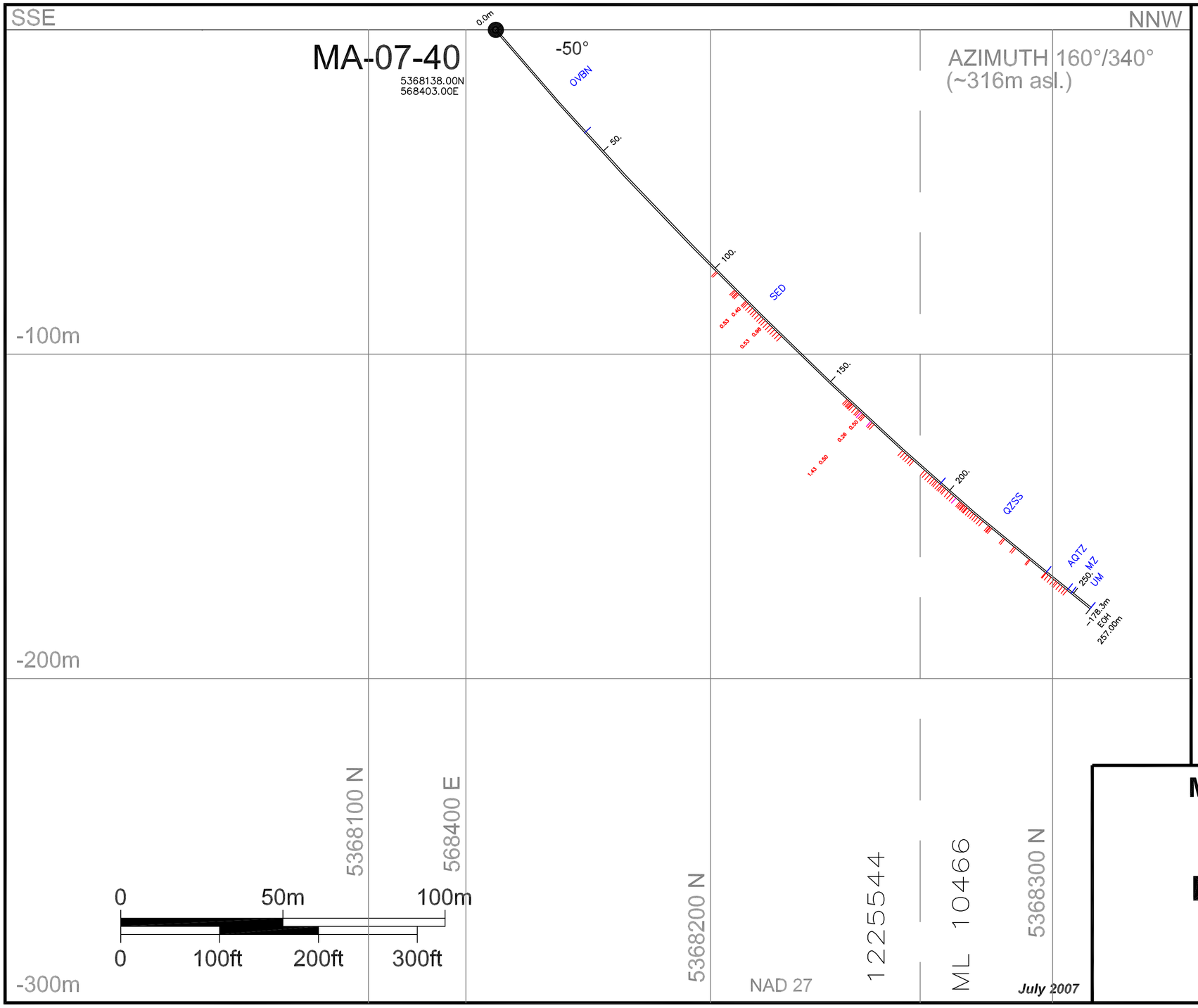
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-07-41*

## *Section Line 88W*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| SED | Sediment |
| QZSS | Mixed Quartzite -Siltstone |
| MXS | Mixed Sediments |
| AQTZ | Massive Altered Quartzite |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| MZ | Mylonite Zone |
| *assays* *(>0.25 g/t)* | *0.50 g/t Au over metres* |

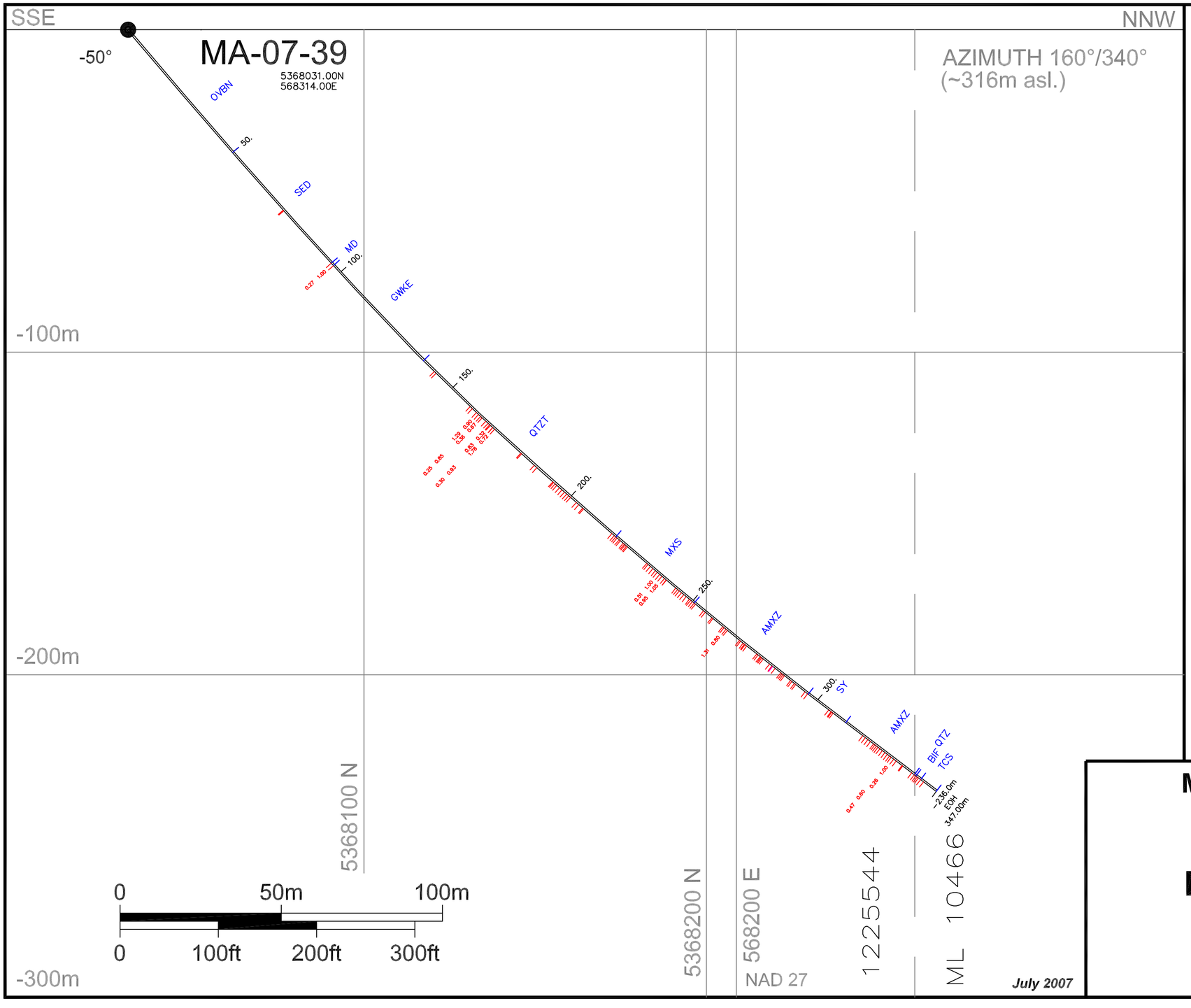
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-07-40*

## *Section Line 86W*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| SED | Sediment |
| QTZT | Quartzite |
| MXS | Mixed Sediments |
| AMXZ | Altered Mixed Sediments |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| FZ | Fault Zone |
| *assays (≥0.25 g/t)* | *0.50 g/t Au over metres* |

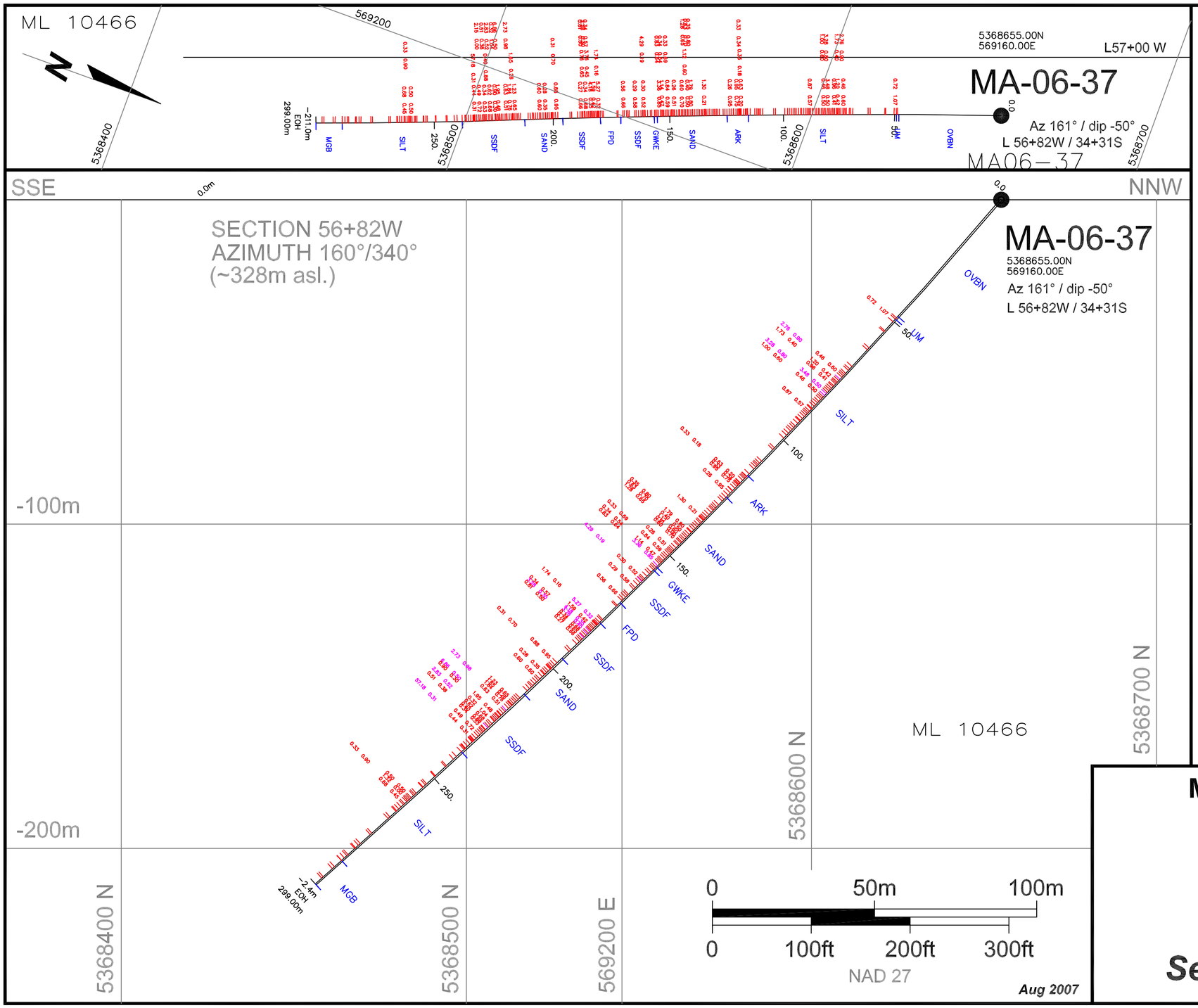
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-07-39*

## *Section Line 90W*




# LEGEND

| | |
|---|---|
| OVBN | Overburden |
| ARK | Arkose |
| AREN | Arenite |
| GWKE | Greywacke |
| SILT | Siltstone |
| SAND | Sandstone |
| SSDF | Siltstone / Debris Flow |
| MGB | Mixed Greywacke / BIF |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| MZ | Mylonite Zone |
| *assays (≥0.25 g/t)* | *0.50 g/t Au over metres* |

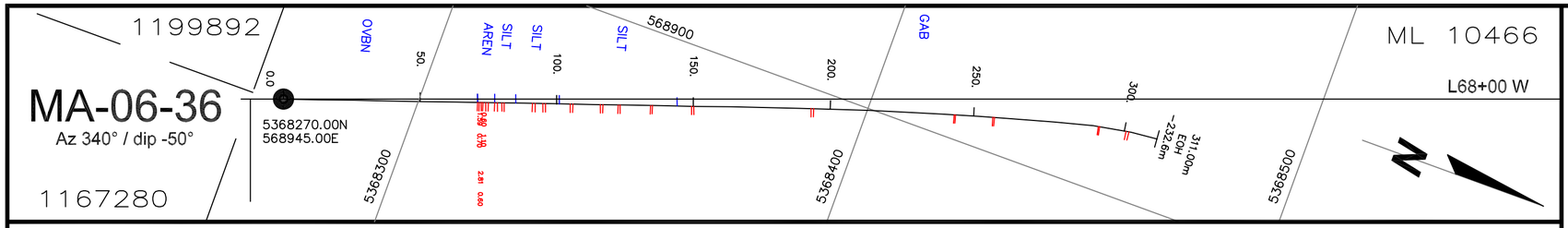
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

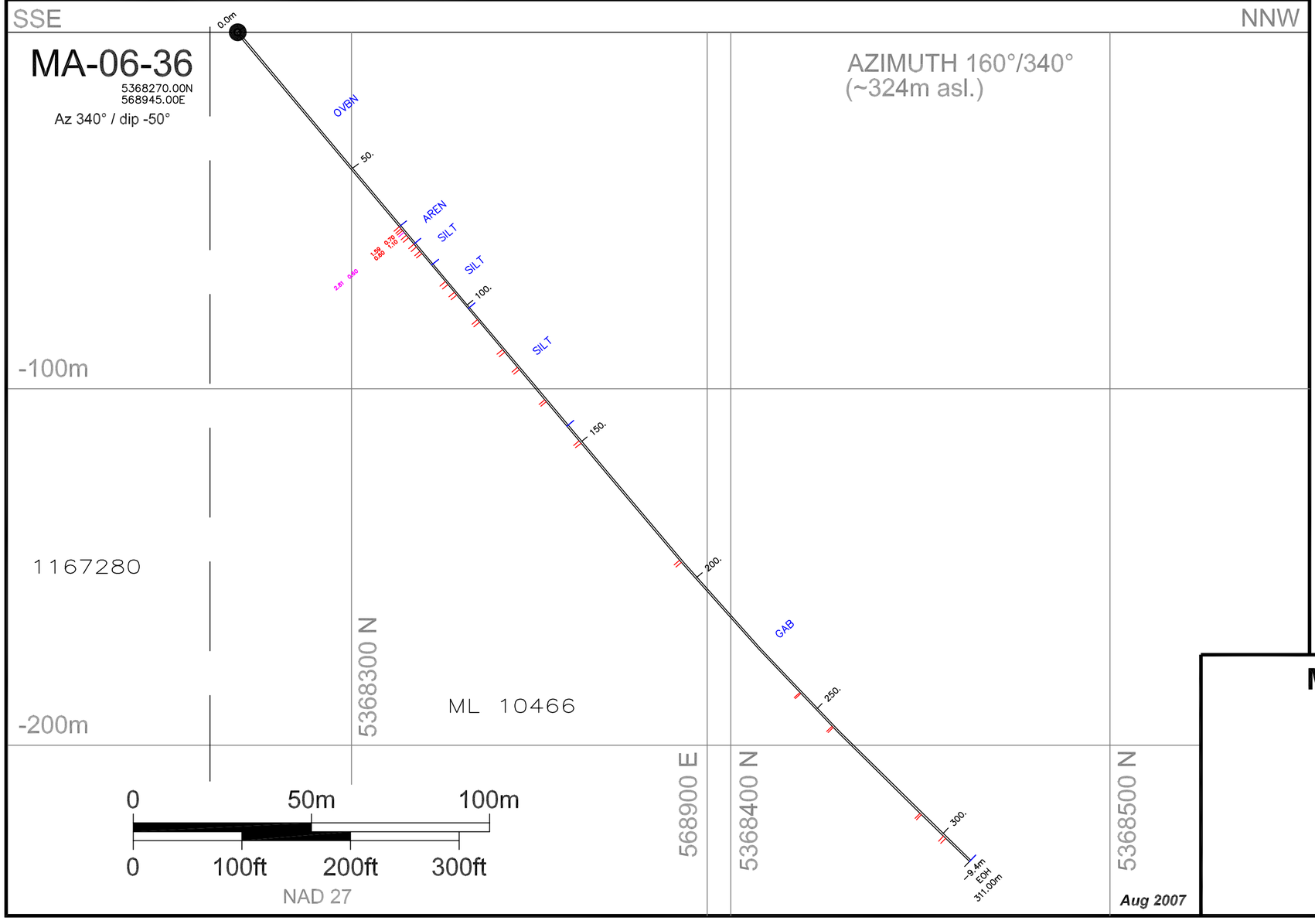
**Michaud Property**

## '55' Zone Drilling

## *DDH MA-06-37*

## *Section Line 57W (56+82W)*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| AREN | Arenite |
| QZSS | Mixed Quartzite -Siltstone |
| SILT | Siltstone |
| AQTZ | Massive Altered Quartzite |
| BIF | Banded Ironformation |
| GAB | Gabbro / Diabase |
| QTZ | Quartz Zone |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar Por. Dyke |
| FPD | Feldspar Porphyry Dyke |
| MD | Mafic Dyke |
| MZ | Mylonite Zone |
| *assays* *(≥0.25 g/t)* | *0.50 g/t Au over metres* |

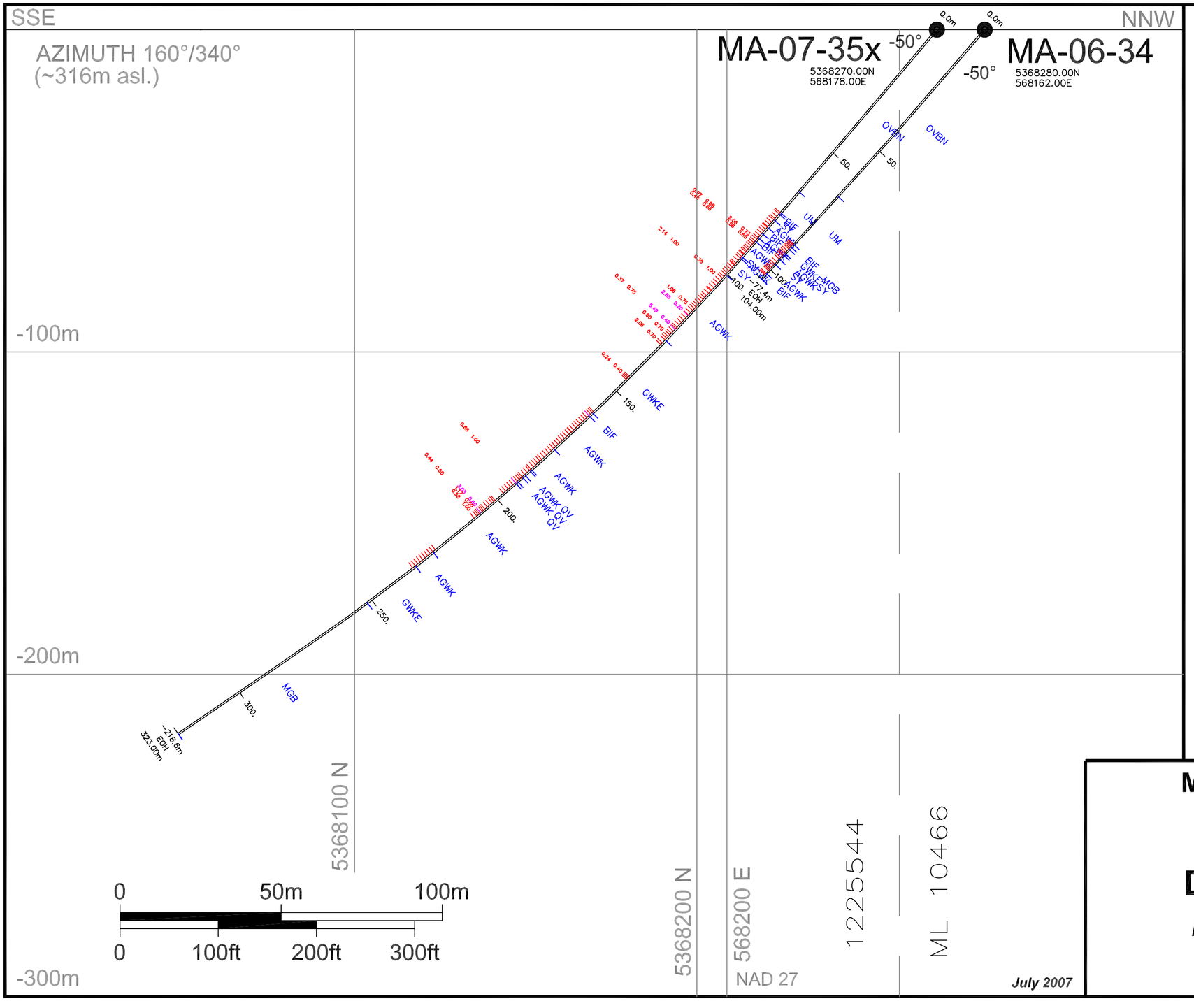
**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# JV Drilling

## *DDH MA-06-36*

## *Section Line 68W*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GWKE | Greywacke |
| MGB | Mixed Greywacke/BIF |
| CONG | Conglomerate |
| AGWK | Altered Greywacke |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QCBX | Quartz-carb Breccia |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar POR Dyke |
| FPD | Feldspar Porphyry Dyke |
| GAB | Gabbro |
| LAMP | Lamprophyre |
| FZ | Fault Zone |
| *assays* *(≥0.25 g/t)* | *0.50 g/t Au over metres* |

**MONETA PORCUPINE MINES - ACREX VENTURES JV**

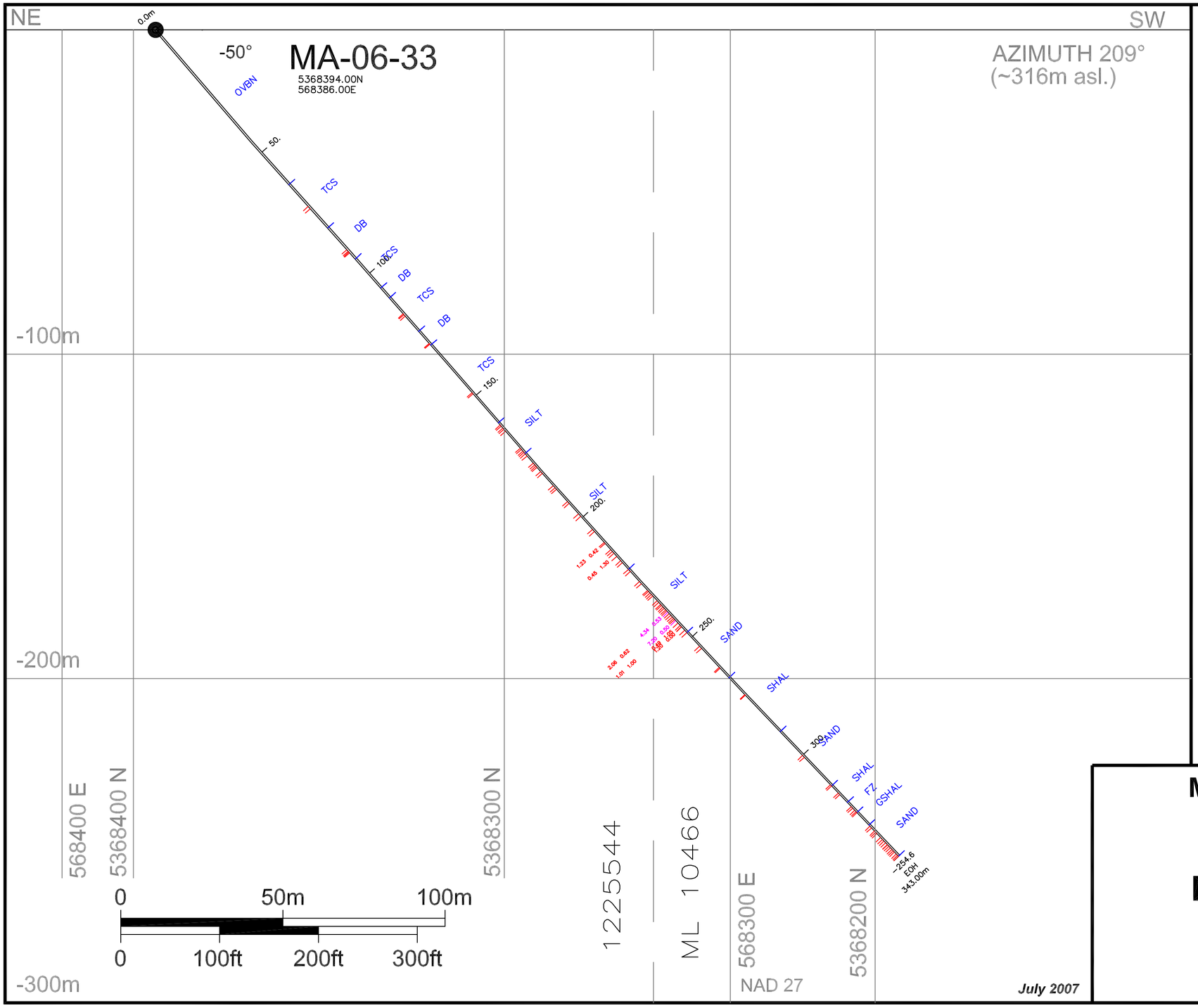
**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-06-34 / 07-35x*

## *Section Line 92W*

*July 2007*




## LEGEND

| | |
|---|---|
| OVBN | Overburden |
| GSHAL | Gradational Shale |
| SHAL | Shale |
| SILT | Siltstone |
| SAND | Sandstone |
| BIF | Banded Ironformation |
| QV | Quartz Vein |
| QCBX | Quartz-carb Breccia |
| ALTZ | Alteration Zone |
| FAZ | Fracture Alteration Zone |
| UM | Ultramafic Volcanics |
| TC | Talc-chlorite Schist |
| SY | Syenite Dyke |
| QFP | Quartz-feldspar POR Dyke |
| FPD | Feldspar Porphyry Dyke |
| DB | Diabase Dyke |
| LAMP | Lamprophyre |
| FZ | Fault Zone |
| *assays (>0.25 g/t)* | *0.50 g/t Au over metres* |

**MONETA PORCUPINE MINES - ACREX VENTURES JV**

**Michaud Property**

# Dyment 3 Option Drilling

## *DDH MA-06-33*

## Appendix 3 Swastika Assay Certificates

# Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation



**6W-2041-RA1**

## *Assay Certificate*

Company: **MONETA PORCUPINE MINES INC.**
Project: MA-06
Attn: R.Skeries

Date: JUL-20-06

*We hereby certify* the following Assay of 56 Core samples submitted JUL-10-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34772 | 2.09 | - |
| 34773 | 0.01 | - |
| 34774 | 0.01 | - |
| 34775 | 0.01 | - |
| 34776 | 0.02 | - |
| 34777 | Nil | - |
| 34778 | 0.02 | - |
| 34779 | Nil | - |
| 34780 | 0.01 | Nil |
| 34781 | Nil | - |
| 34782 | 0.01 | - |
| 34783 | Nil | - |
| 34784 | Nil | - |
| 34785 | Nil | - |
| 34786 | Nil | - |
| 34787 | 0.02 | - |
| 34788 | 0.03 | - |
| 34789 | 0.03 | - |
| 34790 | 0.05 | - |
| 34791 | Nil | - |
| 34792 | 0.04 | - |
| 34793 | Nil | - |
| 34794 | 0.01 | - |
| 34795 | 0.01 | - |
| 34796 | 4.34 | 4.32 |
| 34797 | 2.06 | - |
| 34798 | 0.02 | - |
| 34799 | 7.20 | 7.81 |
| 34800 | 0.02 | - |
| 34801 | 1.20 | - |

*Certified by* _____

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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**6W-2041-RA1**

## *Assay Certificate*

Date: JUL-20-06

Company: **MONETA PORCUPINE MINES INC.**
Project: MA-06
Attn: R.Skeries

*We hereby certify* the following Assay of 56 Core samples submitted JUL-10-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34802 | 0.01 | - |
| 34803 | 0.01 | - |
| 34804 | 0.01 | - |
| 34805 | 0.01 | - |
| 34806 | 0.02 | - |
| 34807 | 0.03 | Nil |
| 34808 | 0.01 | - |
| 34809 | Nil | - |
| 34810 | Nil | - |
| 34811 | 0.01 | - |
| 34812 | 0.23 | 0.19 |
| 34813 | 0.01 | - |
| 34814 | Nil | - |
| 34815 | Nil | - |
| 34816 | 0.21 | - |
| 34817 | 0.03 | - |
| 34818 | 0.02 | - |
| 34819 | Nil | - |
| 34820 | Nil | - |
| 34821 | 0.08 | - |
| 34822 | Nil | - |
| 34823 | Nil | - |
| 34824 | 2.76 | - |
| 34825 | 3.60 | 3.36 |
| 34826 | 3.28 | - |
| 34827 | 0.12 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.39 | - |

*Certified by* _____

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**6W-2042-RA1**

## *Assay Certificate*

Date: AUG-11-06

Company: **MONETA PORCUPINE MINES INC.**
Project: MA-06
Attn: R.Skeries

*We hereby certify* the following Assay of 73 Core samples submitted JUL-10-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne | Au 2nd g/tonne | Au 2ndCk g/tonne | Au 3rd g/tonne | Au 3rdCk g/tonne |
|---|---|---|---|---|---|---|
| 34828 | 0.46 | - | - | - | - | - |
| 34829 | 1.04 | 0.96 | - | - | - | - |
| 34830 | 0.02 | - | - | - | - | - |
| 34831 | 0.01 | - | - | - | - | - |
| 34832 | 0.02 | - | - | - | - | - |
| 34833 | 0.04 | - | - | - | - | - |
| 34834 | 0.33 | - | - | - | - | - |
| 34835 | 0.33 | - | - | - | - | - |
| 34836 | 0.95 | - | - | - | - | - |
| 34837 | 0.05 | - | - | - | - | - |
| 34838 | 0.05 | - | - | - | - | - |
| 34839 | 1.30 | - | - | - | - | - |
| 34840 | 0.12 | - | - | - | - | - |
| 34841 | 1.79 | - | - | - | - | - |
| 34842 | 1.12 | - | - | - | - | - |
| 34843 | 1.28 | - | - | - | - | - |
| 34844 | 0.91 | - | - | - | - | - |
| 34845 | 3.36 | - | - | - | - | - |
| 34846 | 4.53 | 4.05 | - | - | - | - |
| 34847 | 0.04 | - | - | - | - | - |
| 34848 | 0.02 | - | - | - | - | - |
| 34849 | 0.19 | - | - | - | - | - |
| 34850 | 3.28 | - | - | - | - | - |
| 34851 | 0.11 | - | - | - | - | - |
| 34852 | 0.11 | - | - | - | - | - |
| 34853 | 0.28 | - | - | - | - | - |
| 34854 | 0.10 | - | - | - | - | - |
| 34855 | 2.73 | - | - | - | - | - |
| 34856 | 2.83 | - | - | - | - | - |
| 34857 | 58.15 | 60.89 | 51.84 | 51.70 | 56.64 | 57.81 |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**6W-2042-RA1**

Company: **MONETA PORCUPINE MINES INC.**
Project: MA-06
Attn: R.Skeries

Date: AUG-11-06

*We hereby certify* the following Assay of 73 Core samples submitted JUL-10-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne | Au 2nd g/tonne | Au 2ndCk g/tonne | Au 3rd g/tonne | Au 3rdCk g/tonne |
|---|---|---|---|---|---|---|
| 34858 | 2.07 | - | - | - | - | - |
| 34859 | 0.50 | - | - | - | - | - |
| 34860 | 0.15 | - | - | - | - | - |
| 34861 | 0.02 | - | - | - | - | - |
| 34862 | 0.03 | - | - | - | - | - |
| 34863 | 2.81 | 3.43 | - | - | - | - |
| 34864 | 0.05 | - | - | - | - | - |
| 34865 | 0.01 | - | - | - | - | - |
| 34866 | 0.01 | - | - | - | - | - |
| 34867 | 0.01 | - | - | - | - | - |
| 34868 | 0.04 | - | - | - | - | - |
| 34869 | 0.01 | - | - | - | - | - |
| 34870 | 0.01 | - | - | - | - | - |
| 34871 | 0.01 | - | - | - | - | - |
| 34872 | Nil | - | - | - | - | - |
| 34873 | 1.17 | - | - | - | - | - |
| 34874 | 0.09 | - | - | - | - | - |
| 34875 | 0.01 | - | - | - | - | - |
| 34876 | Nil | - | - | - | - | - |
| 34880 | 0.02 | - | - | - | - | - |
| 34881 | Nil | - | - | - | - | - |
| 34882 | 0.02 | - | - | - | - | - |
| 34883 | 0.11 | - | - | - | - | - |
| 34884 | 0.01 | - | - | - | - | - |
| 34885 | 0.01 | - | - | - | - | - |
| 34886 | 0.23 | 0.23 | - | - | - | - |
| 34887 | 0.01 | - | - | - | - | - |
| 34888 | Nil | - | - | - | - | - |
| 34889 | 0.21 | - | - | - | - | - |
| 34890 | 0.02 | - | - | - | - | - |

*Certified by* Denis Charette

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## *Assay Certificate*

**6W-2042-RA1**

Company: **MONETA PORCUPINE MINES INC.**
Project: MA-06
Attn: R.Skeries

Date: AUG-11-06

*We hereby certify* the following Assay of 73 Core samples submitted JUL-10-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne | Au 2nd g/tonne | Au 2ndCk g/tonne | Au 3rd g/tonne | Au 3rdCk g/tonne |
|---|---|---|---|---|---|---|
| 34891 | 0.26 | - | - | - | - | - |
| 34892 | Nil | - | - | - | - | - |
| 34893 | 1.24 | - | - | - | - | - |
| 34894 | 0.02 | - | - | - | - | - |
| 34895 | 5.27 | - | - | - | - | - |
| 34896 | 0.02 | - | - | - | - | - |
| 34897 | 4.18 | - | - | - | - | - |
| 34898 | 3.76 | - | - | - | - | - |
| 34899 | 0.60 | - | - | - | - | - |
| 34900 | 1.95 | - | - | - | - | - |
| 34901 | 6.86 | - | - | - | - | - |
| 34902 | 0.88 | - | - | - | - | - |
| 34903 | 0.03 | - | - | - | - | - |
| Blank | Nil | - | - | - | - | - |
| STD OxJ47 | 2.39 | - | - | - | - | - |

*Certified by* Denis Chartre

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## *Assay Certificate*

**6W-2110-RA1**

Company: **MONETA PORCUPINE MINES LTD.**
Project: MA-06-34
Attn: R.Skeries

Date: JUL-22-06

*We hereby certify* the following Assay of 24 Core/Pulp samples submitted JUL-14-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34751 | Nil | 0.03 |
| 34752 | 0.02 | - |
| 34753 | Nil | - |
| 34754 | 0.02 | 0.01 |
| 34755 | 0.10 | - |
| 34756 | 0.01 | - |
| 34757 | 0.03 | - |
| 34758 | Nil | - |
| 34759 | Nil | - |
| 34760 | Nil | - |
| 34761 | Nil | Nil |
| 34762 | Nil | - |
| 34763 | Nil | - |
| 34764 | Nil | - |
| 34765 | Nil | - |
| 34766 | 0.04 | - |
| 34767 | Nil | - |
| 34768 | Nil | - |
| 34769 | Nil | - |
| 34770 | 0.05 | - |
| 34771 | 1.14 | - |
| 34877 | Nil | - |
| 34878 | Nil | - |
| 34879 | Nil | - |
| Blank | Nil | - |
| STD OxJ47 | 2.39 | - |

*Certified by* _____

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**6W-2301-RA1**

## *Assay Certificate*

Company: **MONETA PORCUPPINE MINES LTD.**
Project: MA-06-R2
Attn: R.Skeries

Date: AUG-03-06

*We hereby certify* the following Assay of 82 Core samples submitted JUL-31-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34969 | 0.01 | - |
| 34970 | 0.02 | - |
| 34971 | 0.02 | - |
| 34972 | 0.01 | - |
| 34973 | 0.01 | - |
| 34974 | 0.01 | - |
| 34975 | Nil | - |
| 34976 | 0.02 | - |
| 34977 | 0.07 | - |
| 34978 | 0.63 | 0.49 |
| 34979 | 0.13 | - |
| 34980 | 0.01 | - |
| 34981 | 0.03 | - |
| 34982 | 0.26 | 0.56 |
| 34983 | 0.03 | - |
| 34984 | 0.01 | - |
| 34985 | 0.01 | - |
| 34986 | 1.13 | - |
| 34987 | 0.01 | - |
| 34988 | 0.01 | - |
| 34989 | 0.01 | - |
| 34990 | Nil | - |
| 34991 | 0.01 | - |
| 34992 | Nil | - |
| 34993 | 0.01 | - |
| 34994 | Nil | - |
| 34995 | 0.02 | - |
| 34996 | 0.02 | - |
| 34997 | 0.01 | - |
| 34998 | 0.01 | - |

*Certified by* Denis Chartre

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## *Assay Certificate*

**6W-2301-RA1**

Company: **MONETA PORCUPPINE MINES LTD.**
Project: MA-06-R2
Attn: R.Skeries

Date: AUG-03-06

*We hereby certify* the following Assay of 82 Core samples submitted JUL-31-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34999 | 0.01 | - |
| 35000 | 0.01 | - |
| 15001 | 0.02 | - |
| 15002 | 0.09 | - |
| 15003 | 0.02 | - |
| 15004 | 0.35 | - |
| 15005 | 0.40 | - |
| 15006 | 0.63 | 0.64 |
| 15007 | 0.02 | - |
| 15008 | 0.60 | - |
| 15009 | 0.06 | - |
| 15010 | Nil | - |
| 15011 | 0.15 | - |
| 15012 | 0.01 | - |
| 15013 | 0.02 | - |
| 15014 | 0.03 | - |
| 15015 | 0.84 | 1.21 |
| 15016 | 0.33 | - |
| 15017 | 0.01 | - |
| 15018 | 0.08 | - |
| 15019 | 1.17 | 1.11 |
| 15020 | 0.34 | - |
| 15021 | 0.83 | - |
| 15022 | 0.10 | - |
| 15023 | Nil | - |
| 15024 | 0.01 | - |
| 15025 | 0.02 | - |
| 15026 | 2.02 | - |
| 15027 | 0.03 | - |
| 15028 | 0.02 | - |

*Certified by* Denis Charter

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## *Assay Certificate*

**6W-2301-RA1**

Company: **MONETA PORCUPPINE MINES LTD.**
Project: MA-06-R2
Attn: R.Skeries

Date: AUG-03-06

*We hereby certify* the following Assay of 82 Core samples submitted JUL-31-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 15029 | 0.30 | - |
| 15030 | Nil | - |
| 15031 | Nil | - |
| 15032 | 0.29 | - |
| 15033 | 0.02 | - |
| 15034 | 0.56 | - |
| 15035 | Nil | - |
| 15036 | 0.01 | - |
| 15037 | 0.12 | - |
| 15038 | 1.85 | 1.63 |
| 15039 | 1.22 | - |
| 15040 | 0.07 | - |
| 15041 | 0.13 | - |
| 15042 | 1.58 | 1.60 |
| 15043 | 0.01 | - |
| 15044 | 0.21 | - |
| 15045 | 0.04 | - |
| 15046 | Nil | - |
| 15047 | 0.34 | - |
| 15048 | 0.34 | - |
| 15049 | 0.76 | - |
| 15050 | 0.81 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.32 | - |

*Certified by* Denis Chartier

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300

# Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation



## *Assay Certificate*

**6W-2235-RA1**

Company: **MONETA PORCUPINE MINE SLTD**
Project: MA-06-R1
Attn: R. Skeries

Date: AUG-02-06

*We hereby certify* the following Assay of 65 Core samples submitted JUL-25-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34904 | Nil | 0.01 |
| 34905 | 0.01 | - |
| 34906 | Nil | - |
| 34907 | 0.03 | - |
| 34908 | 0.02 | - |
| 34909 | Nil | - |
| 34910 | 0.01 | - |
| 34911 | 0.01 | - |
| 34912 | 0.02 | - |
| 34913 | 0.15 | 0.11 |
| 34914 | 0.03 | - |
| 34915 | 0.01 | - |
| 34916 | 1.01 | 1.10 |
| 34917 | 0.49 | - |
| 34918 | 0.05 | - |
| 34919 | 0.04 | - |
| 34920 | 0.03 | - |
| 34921 | 0.02 | - |
| 34922 | 2.06 | - |
| 34923 | 0.01 | - |
| 34924 | 1.59 | 1.52 |
| 34925 | 0.60 | - |
| 34926 | 0.09 | - |
| 34927 | 0.05 | - |
| 34928 | Nil | - |
| 34929 | 0.72 | - |
| 34930 | Nil | - |
| 34931 | 0.01 | - |
| 34932 | Nil | - |
| 34933 | Nil | - |

*Certified by* Denis Chartier

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
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# Swastika Laboratories Ltd

Assaying - Consulting - Representation



## *Assay Certificate*

**6W-2235-RA1**

Company: **MONETA PORCUPINE MINE SLTD**
Project: MA-06-R1
Attn: R. Skeries

Date: AUG-02-06

*We hereby certify* the following Assay of 65 Core samples submitted JUL-25-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34934 | Nil | - |
| 34935 | 0.03 | - |
| 34936 | 0.02 | - |
| 34937 | 0.46 | 0.49 |
| 34938 | 0.07 | - |
| 34939 | 0.01 | - |
| 34940 | 1.20 | - |
| 34941 | 1.67 | 1.78 |
| 34942 | Nil | - |
| 34943 | 0.96 | - |
| 34944 | Nil | - |
| 34945 | Nil | - |
| 34946 | Nil | - |
| 34947 | 0.03 | - |
| 34948 | Nil | - |
| 34949 | Nil | - |
| 34950 | Nil | - |
| 34951 | Nil | - |
| 34952 | Nil | - |
| 34953 | Nil | - |
| 34954 | 0.03 | - |
| 34955 | 0.20 | - |
| 34956 | 0.87 | 0.72 |
| 34957 | Nil | - |
| 34958 | Nil | - |
| 34959 | 0.03 | - |
| 34960 | 0.01 | - |
| 34961 | Nil | - |
| 34962 | Nil | - |
| 34963 | Nil | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**6W-2235-RA1**

Company: **MONETA PORCUPINE MINE SLTD**
Project: MA-06-R1
Attn: R. Skeries

Date: AUG-02-06

*We hereby certify* the following Assay of 65 Core samples submitted JUL-25-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 34964 | Nil | - |
| 34965 | 1.24 | - |
| 34966 | Nil | - |
| 34967 | 0.04 | - |
| 34968 | 0.14 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.29 | - |

*Certified by* Denis Charette

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**6W-2323-RA1**

## *Assay Certificate*

Date: AUG-09-06

Company: **MONETA PORCUPINE MINES LTD.**
Project: MA-06-R3
Attn: R.Skeries

*We hereby certify* the following Assay of 81 Core samples submitted AUG-02-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 15051 | Nil | - |
| 15052 | 0.27 | - |
| 15053 | 0.08 | - |
| 15054 | 0.88 | 0.80 |
| 15055 | 0.31 | - |
| 15056 | 0.05 | - |
| 15057 | 0.10 | - |
| 15058 | Nil | - |
| 15059 | 0.12 | - |
| 15060 | 0.22 | - |
| 15061 | 0.17 | - |
| 15062 | Nil | - |
| 15063 | Nil | - |
| 15064 | 0.05 | - |
| 15065 | 0.02 | - |
| 15066 | Nil | - |
| 15067 | 0.98 | - |
| 15068 | Nil | - |
| 15069 | 0.02 | - |
| 15070 | Nil | - |
| 15071 | 0.02 | - |
| 15072 | 1.23 | - |
| 15073 | 1.65 | - |
| 15074 | 1.78 | 1.91 |
| 15075 | 0.63 | - |
| 15076 | Nil | - |
| 15077 | 0.02 | - |
| 15078 | 0.09 | - |
| 15079 | 0.02 | - |
| 15080 | 0.02 | - |

*Certified by* Denis Charette

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# Swastika Laboratories Ltd

Assaying - Consulting - Representation



**6W-2323-RA1**

## *Assay Certificate*

Date: AUG-09-06

Company: **MONETA PORCUPINE MINES LTD.**
Project: MA-06-R3
Attn: R.Skeries

*We hereby certify* the following Assay of 81 Core samples submitted AUG-02-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 15081 | 0.08 | - |
| 15082 | 0.93 | 0.87 |
| 15083 | 0.32 | - |
| 15084 | 0.16 | - |
| 15085 | Nil | - |
| 15086 | 0.62 | - |
| 15087 | 0.40 | - |
| 15088 | 0.21 | - |
| 15089 | 0.34 | - |
| 15090 | 0.51 | - |
| 15091 | 0.14 | - |
| 15092 | 0.15 | - |
| 15093 | 0.49 | - |
| 15094 | 2.15 | - |
| 15095 | 0.04 | - |
| 15096 | 0.05 | - |
| 15097 | 0.44 | - |
| 15098 | 0.03 | - |
| 15099 | Nil | Nil |
| 15100 | Nil | - |
| 15101 | Nil | - |
| 15102 | 0.02 | - |
| 15103 | 0.07 | - |
| 15104 | 0.03 | - |
| 15105 | 0.02 | - |
| 15106 | Nil | - |
| 15107 | 0.02 | - |
| 15108 | 0.16 | - |
| 15109 | 0.01 | - |
| 15110 | 0.01 | - |

*Certified by* Denis Chartrand

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**6W-2323-RA1**

## *Assay Certificate*

Date: AUG-09-06

Company: **MONETA PORCUPINE MINES LTD.**
Project: MA-06-R3
Attn: R.Skeries

*We hereby certify* the following Assay of 81 Core samples submitted AUG-02-06 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 15111 | 0.01 | - |
| 15112 | Nil | - |
| 15113 | 0.08 | - |
| 15114 | 0.05 | - |
| 15115 | Nil | - |
| 15116 | 0.02 | - |
| 15117 | 1.32 | - |
| 15118 | 0.33 | - |
| 15119 | 0.68 | 0.61 |
| 15120 | 0.06 | - |
| 15121 | 0.01 | - |
| 15122 | Nil | - |
| 15123 | Nil | - |
| 15124 | 0.02 | - |
| 15125 | 0.01 | - |
| 15126 | 0.03 | - |
| 15127 | Nil | - |
| 15128 | 0.04 | - |
| 15129 | Nil | - |
| 15130 | 1.23 | - |
| 15131 | 0.45 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.37 | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1256-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AA
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 50 Core samples submitted MAR-30-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8216 | 0.02 | - |
| 8217 | 0.04 | - |
| 8218 | 0.03 | - |
| 8219 | 0.21 | 0.26 |
| 8220 | 0.01 | - |
| 8221 | 0.01 | - |
| 8222 | Nil | - |
| 8223 | 0.55 | 0.45 |
| 8410 | 0.04 | - |
| 8411 | Nil | - |
| 8412 | 0.07 | - |
| 8413 | 0.03 | - |
| 8414 | 4.94 | - |
| 8415 | 0.86 | - |
| 8416 | 0.03 | - |
| 8417 | 0.03 | - |
| 8418 | 0.02 | - |
| 8419 | Nil | - |
| 8420 | 0.02 | - |
| 8421 | Nil | 0.02 |
| 8422 | 0.02 | - |
| 8423 | 0.02 | - |
| 8424 | 0.02 | - |
| 8425 | 0.02 | - |
| 8426 | 0.02 | - |
| 8427 | 0.03 | - |
| 8428 | Nil | - |
| 8429 | 0.10 | - |
| 8430 | 0.03 | - |
| 8431 | 0.04 | - |

*Certified by* Denis Charette

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## *Assay Certificate*

**7W-1256-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AA
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 50 Core samples submitted MAR-30-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8432 | Nil | 0.02 |
| 8433 | 0.02 | - |
| 8434 | 0.03 | - |
| 8435 | 0.02 | - |
| 8436 | Nil | - |
| 8437 | 0.02 | - |
| 8438 | Nil | - |
| 8439 | 0.02 | - |
| 8440 | 0.02 | - |
| 8441 | Nil | - |
| 8442 | 0.02 | - |
| 8443 | 0.02 | Nil |
| 8444 | 0.02 | - |
| 8445 | 2.88 | - |
| 8446 | 0.02 | - |
| 8447 | 0.01 | - |
| 8448 | 0.40 | - |
| 8449 | Nil | - |
| 8450 | 0.03 | - |
| 8451 | 0.03 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.42 | - |

*Certified by* Denis Chartier

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## *Assay Certificate*

**7W-1257-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AA
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 49 Core samples submitted MAR-30-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8452 | Nil | - |
| 8453 | 0.02 | - |
| 8454 | 0.31 | - |
| 8455 | 5.59 | 5.42 |
| 8456 | 0.02 | - |
| 8457 | 3.87 | 3.70 |
| 8458 | Nil | - |
| 8459 | 0.02 | - |
| 8460 | Nil | - |
| 8461 | 0.07 | - |
| 8462 | 0.07 | 0.05 |
| 8463 | Nil | - |
| 8464 | 0.03 | - |
| 8465 | 0.02 | - |
| 8466 | Nil | - |
| 8467 | Nil | - |
| 8468 | 0.01 | - |
| 8469 | Nil | - |
| 8470 | Nil | - |
| 8471 | 0.06 | - |
| 8472 | 0.02 | - |
| 8473 | Nil | - |
| 8474 | Nil | - |
| 8475 | Nil | - |
| 8476 | 0.04 | - |
| 8477 | Nil | - |
| 8478 | 0.01 | - |
| 8479 | Nil | - |
| 8480 | 0.01 | - |
| 8481 | 0.01 | - |

*Certified by* Denis Charette

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## *Assay Certificate*

**7W-1257-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AA
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 49 Core samples submitted MAR-30-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8482 | 0.01 | Nil |
| 8483 | 0.01 | - |
| 8484 | 0.01 | - |
| 8485 | Nil | - |
| 8486 | 0.06 | - |
| 8487 | 0.02 | - |
| 8488 | 0.02 | - |
| 8489 | 0.02 | - |
| 8490 | 0.01 | - |
| 8491 | Nil | - |
| 8492 | Nil | - |
| 8493 | Nil | - |
| 8494 | Nil | - |
| 8495 | Nil | - |
| 8496 | Nil | - |
| 8497 | Nil | - |
| 8498 | 2.10 | 1.91 |
| 8499 | 2.77 | - |
| 8500 | Nil | - |
| Blank | Nil | - |
| STD OxJ47 | 2.41 | - |

*Certified by* Denis Charbonneau

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## *Assay Certificate*

**7W-1272-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 47 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8051 | 0.02 | - |
| 8052 | 0.01 | - |
| 8053 | 0.01 | - |
| 8054 | 0.02 | - |
| 8055 | Nil | - |
| 8056 | 0.17 | 0.18 |
| 8057 | Nil | - |
| 8058 | Nil | - |
| 8059 | Nil | - |
| 8060 | 0.13 | - |
| 8061 | Nil | - |
| 8062 | 0.14 | - |
| 8063 | 0.02 | - |
| 8064 | Nil | - |
| 8065 | 2.06 | 2.10 |
| 8066 | 0.97 | - |
| 8067 | 0.56 | 0.48 |
| 8068 | 0.46 | - |
| 8069 | 0.03 | - |
| 8070 | 0.02 | - |
| 8071 | 0.11 | - |
| 8072 | 0.07 | - |
| 8073 | 0.13 | - |
| 8074 | Nil | - |
| 8075 | 0.05 | - |
| 8076 | Nil | - |
| 8077 | 0.01 | - |
| 8078 | 0.02 | - |
| 8079 | Nil | - |
| 8080 | 0.01 | - |

*Certified by* Denis Charette

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## *Assay Certificate*

**7W-1272-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-10-07

*We hereby certify* the following Assay of 47 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8081 | 0.03 | 0.03 |
| 8082 | Nil | - |
| 8083 | Nil | - |
| 8084 | Nil | - |
| 8085 | Nil | - |
| 8086 | 0.01 | - |
| 8087 | 0.04 | - |
| 8088 | Nil | - |
| 8401 | 0.14 | 0.13 |
| 8402 | 0.02 | - |
| 8403 | 0.01 | - |
| 8404 | 0.02 | - |
| 8405 | 0.02 | - |
| 8406 | Nil | - |
| 8407 | Nil | - |
| 8408 | 0.09 | - |
| 8409 | Nil | - |
| Blank | Nil | - |
| STD OxJ47 | 2.36 | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1273-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-11-07

*We hereby certify* the following Assay of 55 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8089 | Nil | - |
| 8090 | 0.06 | - |
| 8091 | 0.36 | - |
| 8092 | 2.14 | 2.21 |
| 8093 | 0.08 | - |
| 8094 | 0.02 | - |
| 8095 | Nil | - |
| 8096 | Nil | - |
| 8097 | 0.01 | - |
| 8098 | Nil | - |
| 8099 | Nil | - |
| 8100 | Nil | - |
| 8101 | 0.09 | - |
| 8102 | 0.03 | - |
| 8103 | Nil | Nil |
| 8104 | 0.01 | - |
| 8105 | Nil | - |
| 8106 | Nil | - |
| 8107 | 1.06 | - |
| 8108 | 0.08 | - |
| 8109 | Nil | - |
| 8110 | 2.85 | 2.61 |
| 8111 | 0.06 | - |
| 8112 | Nil | - |
| 8113 | 0.03 | - |
| 8114 | Nil | - |
| 8115 | Nil | - |
| 8116 | 0.08 | - |
| 8117 | 5.49 | 4.59 |
| 8118 | 0.37 | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1273-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-11-07

*We hereby certify* the following Assay of 55 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8119 | Nil | - |
| 8120 | Nil | - |
| 8121 | 0.60 | - |
| 8122 | 0.23 | - |
| 8123 | Nil | - |
| 8124 | 2.06 | 2.13 |
| 8125 | 0.02 | - |
| 8126 | Nil | - |
| 8127 | Nil | - |
| 8128 | 5.11 | - |
| 8129 | 0.20 | - |
| 8130 | Nil | - |
| 8131 | Nil | - |
| 8132 | Nil | - |
| 8133 | 0.07 | - |
| 8134 | Nil | - |
| 8135 | 0.02 | - |
| 8136 | 0.01 | - |
| 8137 | Nil | - |
| 8138 | Nil | - |
| 8139 | Nil | - |
| 8140 | Nil | - |
| 8141 | Nil | - |
| 8142 | Nil | 0.01 |
| 8143 | 0.03 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.42 | - |

*Certified by* Denis Charter

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# Swastika Laboratories Ltd

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**7W-1274-RA1**

## *Assay Certificate*

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-11-07

*We hereby certify* the following Assay of 46 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8144 | Nil | - |
| 8145 | Nil | - |
| 8146 | 0.16 | 0.15 |
| 8147 | 0.05 | - |
| 8148 | 0.02 | - |
| 8149 | Nil | - |
| 8150 | Nil | - |
| 8151 | 0.02 | - |
| 8152 | 0.27 | - |
| 8153 | Nil | - |
| 8154 | 1.29 | - |
| 8155 | 0.25 | - |
| 8156 | 0.36 | - |
| 8157 | 0.02 | - |
| 8158 | 0.83 | 0.54 |
| 8159 | 0.30 | - |
| 8160 | 1.78 | 1.80 |
| 8160-A | 0.05 | - |
| 8161 | Nil | - |
| 8162 | 0.01 | - |
| 8163 | 0.02 | - |
| 8164 | 0.03 | - |
| 8165 | Nil | - |
| 8166 | 0.02 | - |
| 8167 | Nil | - |
| 8168 | 0.03 | - |
| 8169 | 0.08 | - |
| 8170 not rec'd | - | - |
| 8171 | 0.02 | - |
| 8172 | 0.03 | - |

*Certified by* Denis Chartier

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**7W-1274-RA1**

## *Assay Certificate*

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-11-07

*We hereby certify* the following Assay of 46 Core samples submitted APR-03-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8172-B | 0.15 | |
| 8173 | 0.03 | - |
| 8174 | 0.51 | - |
| 8175 | 0.06 | - |
| 8176 | 0.95 | 1.09 |
| 8177 | 0.04 | - |
| 8178 | 0.11 | - |
| 8179 | 0.03 | - |
| 8180 | 0.08 | - |
| 8181 | 0.03 | - |
| 8182 | Nil | - |
| 8183 | 0.47 | - |
| 8184 | Nil | - |
| 8185 | Nil | 0.02 |
| 8186 | Nil | - |
| 8187 | Nil | - |
| 8188 | Nil | - |
| Blank | Nil | - |
| STD OxJ47 | 2.41 | - |

*Certified by* Dennis Chrunty

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## *Assay Certificate*

**7W-1299-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-13-07

*We hereby certify* the following Assay of 62 Core samples submitted APR-04-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8035 | 0.01 | - |
| 8036 | 0.01 | - |
| 8037 | 0.02 | - |
| 8038 | 0.01 | Nil |
| 8039 | Nil | - |
| 8040 | Nil | - |
| 8041 | Nil | - |
| 8042 | Nil | - |
| 8043 | 0.01 | - |
| 8044 | 0.01 | - |
| 8045 | 0.02 | - |
| 8046 | Nil | - |
| 8047 | Nil | - |
| 8048 | Nil | - |
| 8049 | 0.01 | - |
| 8050 | Nil | - |
| 8050A | 2.83 | - |
| 8189 | 0.19 | - |
| 8190 | 0.01 | - |
| 8191 | 0.18 | - |
| 8192 | 0.02 | - |
| 8193 | 0.07 | - |
| 8194 | 0.53 | 0.54 |
| 8195 | 0.10 | - |
| 8196 | 0.12 | - |
| 8197 | 0.07 | - |
| 8198 | Nil | - |
| 8199 | Nil | - |
| 8200 | Nil | - |
| 8200A | 2.82 | - |

*Certified by* J. Kern

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## *Assay Certificate*

**7W-1299-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-13-07

*We hereby certify* the following Assay of 62 Core samples submitted APR-04-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8201 | Nil | - |
| 8202 | Nil | - |
| 8203 | Nil | - |
| 8204 | 0.01 | Nil |
| 8205 | Nil | - |
| 8206 | Nil | - |
| 8207 | Nil | - |
| 8208 | Nil | - |
| 8209 | 0.05 | - |
| 8210 | 0.01 | - |
| 8211 | Nil | - |
| 8212 | Nil | - |
| 8213 | 0.01 | - |
| 8214 | 0.01 | - |
| 8215 | Nil | - |
| 8224 | 0.37 | 0.44 |
| 8225 | 0.10 | - |
| 8226 | 0.70 | - |
| 8227 | 0.13 | - |
| 8228 | 1.26 | 1.12 |
| 8229 | 0.02 | - |
| 8230 | Nil | - |
| 8231 | 0.05 | - |
| 8232 | 0.06 | - |
| 8233 | 0.26 | - |
| 8234 | 0.04 | - |
| 8235 | 0.01 | - |
| 8236 | Nil | - |
| 8237 | 0.01 | - |
| 8238 | Nil | Nil |

*Certified by* _____

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Assaying - Consulting - Representation



## *Assay Certificate*

**7W-1299-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-13-07

*We hereby certify* the following Assay of 62 Core samples submitted APR-04-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8239 | Nil | - |
| 8240 | Nil | - |
| Blank | Nil | - |
| STD OxJ47 | 2.42 | - |

*Certified by*

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Assaying - Consulting - Representation



## *Assay Certificate*

**7W-1329-RA1**

Company: **MONETA PORCUPINE MINES**
Project: AKC
Attn: R. Skeries

Date: APR-16-07

*We hereby certify* the following Assay of 67 Core samples submitted APR-09-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8241 | 0.03 | - |
| 8242 | Nil | Nil |
| 8243 | 0.01 | - |
| 8244 | 0.02 | - |
| 8245 | 0.01 | - |
| 8246 | Nil | - |
| 8247 | Nil | - |
| 8248 | Nil | - |
| 8249 | 0.01 | - |
| 8251 | Nil | - |
| 8252 | 0.06 | - |
| 8253 | 0.07 | - |
| 8254 | Nil | - |
| 8255 | 0.02 | - |
| 8256 | 0.37 | 0.33 |
| 8257 | 0.01 | - |
| 8258 | Nil | - |
| 8259 | 0.01 | - |
| 8260 | 0.20 | - |
| 8261 | 0.03 | - |
| 8262 | 0.02 | - |
| 8263 | 0.05 | - |
| 8264 | 2.72 | - |
| 8265 | 0.55 | 0.49 |
| 8266 | 0.01 | - |
| 8267 | Nil | - |
| 8268 | 0.02 | - |
| 8269 | Nil | - |
| 8270 | Nil | - |
| 8271 | Nil | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1329-RA1**

Company: **MONETA PORCUPINE MINES**
Project: AKC
Attn: R. Skeries

Date: APR-16-07

*We hereby certify* the following Assay of 67 Core samples submitted APR-09-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8272 | 0.40 | - |
| 8273 | 0.41 | - |
| 8274 | 0.24 | - |
| 8275 | 1.48 | 1.51 |
| 8276 | 0.57 | 0.67 |
| 8277 | 0.21 | - |
| 8278 | 0.64 | - |
| 8279 | 0.69 | - |
| 8280 | 0.50 | - |
| 8281 | 0.15 | - |
| 8282 | 0.04 | - |
| 8283 | 0.20 | - |
| 8284 | 0.27 | - |
| 8285 | 0.14 | - |
| 8286 | 0.06 | - |
| 8287 | 0.03 | - |
| 8288 | 0.03 | - |
| 8289 | 0.34 | - |
| 8290 | Nil | - |
| 8291 | 0.09 | - |
| 8292 | 0.03 | 0.02 |
| 8293 | 0.03 | - |
| 8294 | Nil | - |
| 8295 | Nil | - |
| 8296 | Nil | - |
| 8297 | 0.03 | - |
| 8298 | 0.02 | - |
| 8299 | 0.03 | - |
| 8300 | 0.01 | - |
| 8301 | Nil | - |

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## *Assay Certificate*

**7W-1329-RA1**

Company: **MONETA PORCUPINE MINES**
Project: AKC
Attn: R. Skeries

Date: APR-16-07

*We hereby certify* the following Assay of 67 Core samples submitted APR-09-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8302 | 0.06 | - |
| 8303 | 0.01 | - |
| 8304 | 0.02 | - |
| 8305 | 0.02 | - |
| 8306 | 0.03 | - |
| 8307 | 0.15 | - |
| 8308 | 0.01 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.40 | - |

*Certified by* Denis Chartier

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Assaying - Consulting - Representation



## *Assay Certificate*

**7W-1361-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-18-07

*We hereby certify* the following Assay of 56 Core samples submitted APR-11-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8309 | 0.02 | - |
| 8310 | 0.01 | - |
| 8311 | Nil | - |
| 8312 | 0.02 | - |
| 8313 | 0.01 | 0.02 |
| 8314 | Nil | - |
| 8315 | 0.01 | - |
| 8316 | Nil | - |
| 8317 | 0.02 | - |
| 8318 | Nil | - |
| 8319 | Nil | - |
| 8320 | 0.03 | 0.02 |
| 8321 | 0.02 | - |
| 8322 | 0.01 | - |
| 8323 | Nil | - |
| 8324 | 0.01 | - |
| 8325 | Nil | - |
| 8326 | Nil | - |
| 8327 | 0.04 | - |
| 8328 | Nil | - |
| 8329 | 0.02 | - |
| 8330 | 4.82 | - |
| 8331 | 0.04 | - |
| 8332 | Nil | - |
| 8333 | 0.32 | - |
| 8334 | 0.39 | - |
| 8335 | 1.06 | 0.90 |
| 8336 | Nil | - |
| 8337 | 0.02 | - |
| 8338 | Nil | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1361-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: APR-18-07

*We hereby certify* the following Assay of 56 Core samples submitted APR-11-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8339 | 0.02 | - |
| 8340 | 0.03 | 0.03 |
| 8341 | Nil | - |
| 8342 | Nil | - |
| 8343 | 0.04 | - |
| 8344 | 0.05 | - |
| 8345 | 0.03 | - |
| 8346 | 0.02 | - |
| 8347 | 0.02 | - |
| 8348 | 0.02 | - |
| 8349 | 0.04 | - |
| 8350 | 0.14 | - |
| 8351 | Nil | - |
| 8352 | Nil | - |
| 8353 | 0.03 | - |
| 8354 | 0.19 | - |
| 8355 | 0.25 | 0.22 |
| 8356 | Nil | - |
| 8357 | Nil | - |
| 8358 | 0.01 | - |
| 8359 | Nil | - |
| 8360 | Nil | - |
| 8361 | 0.03 | - |
| 8362 | 0.02 | - |
| 8363 | 0.02 | - |
| 8364 | 0.02 | - |
| Blank | 0.02 | - |
| STD OxJ47 | 2.45 | - |

*Certified by* Denis Chartrand

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## *Assay Certificate*

**7W-1455-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-01-07

*We hereby certify* the following Assay of 60 Core samples submitted APR-18-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8365 | 1.27 | 1.32 |
| 8366 | 0.71 | - |
| 8367 | 2.89 | - |
| 8368 | 0.81 | - |
| 8369 | 1.00 | - |
| 8370 | 0.55 | - |
| 8371 | 0.08 | - |
| 8372 | 0.06 | - |
| 8373 | 0.07 | - |
| 8374 | 0.06 | - |
| 8375 | 0.05 | - |
| 8376 | 0.05 | - |
| 8377 | 0.12 | - |
| 8378 | 0.40 | 0.29 |
| 8379 | 0.13 | - |
| 8380 | 0.13 | - |
| 8381 | 0.05 | - |
| 8382 | 0.07 | - |
| 8383 | 0.04 | - |
| 8384 | 0.04 | - |
| 8385 | 0.04 | - |
| 8386 | 0.04 | - |
| 8387 | 0.04 | - |
| 8388 | Nil | - |
| 8389 | 0.07 | - |
| 8390 | Nil | - |
| 8391 | Nil | - |
| 8392 | 0.05 | 0.04 |
| 8393 | 0.07 | - |
| 8394 | 2.66 | 6.72 |

*Certified by* Dave Chaster

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## *Assay Certificate*

**7W-1455-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-01-07

*We hereby certify* the following Assay of 60 Core samples submitted APR-18-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 8395 | 0.05 | - |
| 8396 | 0.05 | - |
| 8397 | 4.94 | - |
| 8398 | 0.08 | - |
| 8399 | 0.05 | - |
| 8400 | Nil | - |
| 13001 | 0.29 | - |
| 13002 | 0.13 | - |
| 13003 | 0.09 | - |
| 13004 | Nil | - |
| 13005 | 0.32 | 0.22 |
| 13006 | 0.10 | - |
| 13007 | 0.01 | - |
| 13008 | 0.24 | - |
| 13009 | 0.06 | - |
| 13010 | 0.07 | - |
| 13011 | Nil | - |
| 13012 | 0.07 | - |
| 13013 | 0.05 | - |
| 13014 | 0.07 | - |
| 13015 | 0.12 | - |
| 13016 | 0.18 | - |
| 13017 | 3.03 | 3.20 |
| 13018 | 0.21 | - |
| 13019 | 1.17 | 1.14 |
| 13020 | 0.44 | - |
| 13021 | 0.58 | - |
| 13022 | 0.07 | - |
| 13023 | 0.13 | - |
| 13024 | Nil | - |

*Certified by* Denis Chartier

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## *Assay Certificate*

**7W-1455-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-01-07

*We hereby certify* the following Assay of 60 Core samples submitted APR-18-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| Blank | Nil | - |
| STD OxJ47 | 2.25 | - |

*Certified by* Denis Charbonneau

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## *Assay Certificate*

**7W-1603-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-03-07

*We hereby certify* the following Assay of 55 Core samples submitted APR-26-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 13025 | Nil | - |
| 13026 | 0.01 | - |
| 13027 | 0.03 | - |
| 13028 | Nil | - |
| 13029 | Nil | - |
| 13030 | Nil | 0.01 |
| 13031 | 0.02 | - |
| 13032 | 0.53 | - |
| 13033 | 0.16 | - |
| 13034 | 0.17 | - |
| 13035 | 0.02 | - |
| 13036 | 0.11 | - |
| 13037 | 0.07 | - |
| 13038 | 0.21 | - |
| 13039 | 0.01 | 0.01 |
| 13040 | Nil | - |
| 13041 | Nil | - |
| 13042 | Nil | - |
| 13043 | Nil | - |
| 13044 | Nil | - |
| 13045 | 0.01 | - |
| 13046 | Nil | - |
| 13047 | Nil | - |
| 13048 | Nil | - |
| 13049 | Nil | - |
| 13050 | 4.84 | - |
| 13051 | 0.02 | - |
| 13052 | 0.26 | - |
| 13053 | 1.43 | - |
| 13054 | Nil | - |

*Certified by* Denis Charette

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## *Assay Certificate*

**7W-1603-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-03-07

*We hereby certify* the following Assay of 55 Core samples submitted APR-26-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 13055 | Nil | - |
| 13056 | Nil | - |
| 13057 | 0.02 | - |
| 13058 | Nil | Nil |
| 13059 | Nil | - |
| 13060 | 0.01 | - |
| 13061 | Nil | - |
| 13062 | Nil | - |
| 13063 | Nil | - |
| 13064 | Nil | - |
| 13065 | Nil | - |
| 13066 | Nil | - |
| 13067 | Nil | - |
| 13068 | 0.01 | - |
| 13069 | 0.01 | 0.02 |
| 13070 | Nil | - |
| 13071 | Nil | - |
| 13072 | Nil | - |
| 13073 | 0.06 | - |
| 13074 | Nil | - |
| 13075 | Nil | - |
| 13076 | 0.01 | - |
| 13077 | Nil | - |
| 13078 | Nil | - |
| 13079 | Nil | Nil |
| Blank | Nil | - |
| STD OxJ47 | 2.33 | - |

*Certified by* Dennis Christie

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## *Assay Certificate*

**7W-1604-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-03-07

*We hereby certify* the following Assay of 63 Core samples submitted APR-26-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 13080 | Nil | - |
| 13081 | 0.01 | - |
| 13082 | 0.02 | - |
| 13083 | 0.08 | - |
| 13084 | Nil | - |
| 13085 | Nil | - |
| 13086 | Nil | - |
| 13087 | Nil | - |
| 13088 | 0.02 | - |
| 13089 | 0.01 | - |
| 13090 | 0.14 | 0.16 |
| 13091 | 0.04 | - |
| 13092 | 0.18 | - |
| 13093 | 0.04 | - |
| 13094 | Nil | - |
| 13095 | Nil | - |
| 13096 | Nil | - |
| 13097 | Nil | - |
| 13098 | Nil | - |
| 13099 | 0.04 | 0.07 |
| 13100 | 0.01 | - |
| 13101 | 0.01 | - |
| 13102 | 0.02 | - |
| 13103 | Nil | - |
| 13104 | 0.08 | - |
| 13105 | Nil | - |
| 13106 | 1.31 | - |
| 13107 | 0.01 | - |
| 13108 | Nil | - |
| 13109 | Nil | - |

*Certified by* Dennis Chartrand

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## *Assay Certificate*

**7W-1604-RA1**

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-03-07

*We hereby certify* the following Assay of 63 Core samples submitted APR-26-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 13110 | Nil | - |
| 13111 | 0.01 | 0.01 |
| 13112 | Nil | - |
| 13113 | Nil | - |
| 13114 | Nil | - |
| 13115 | Nil | - |
| 13116 | Nil | - |
| 13117 | Nil | - |
| 13118 | Nil | - |
| 13119 | Nil | - |
| 13120 | 2.74 | - |
| 13121 | Nil | - |
| 13122 | Nil | - |
| 13123 | Nil | - |
| 13124 | Nil | - |
| 13125 | 0.02 | - |
| 13126 | Nil | - |
| 13127 | Nil | - |
| 13128 | Nil | - |
| 13129 | Nil | - |
| 13130 | Nil | - |
| 13131 | Nil | - |
| 13132 | 0.11 | - |
| 13133 | Nil | - |
| 13134 | Nil | - |
| 13135 | 0.09 | - |
| 13136 | Nil | - |
| 13137 | 0.01 | - |
| 13138 | 0.01 | - |
| 13139 | 0.26 | - |

*Certified by* Denis Christie

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# Swastika Laboratories Ltd

Assaying - Consulting - Representation



**7W-1604-RA1**

## *Assay Certificate*

Company: **MONETA PORCUPINE MINES LTD**
Project: AKV
Attn: R. Skeries

Date: MAY-03-07

*We hereby certify* the following Assay of 63 Core samples submitted APR-26-07 by .

| Sample Number | Au g/tonne | Au Check g/tonne |
|---|---|---|
| 13140 | 0.08 | - |
| 13141 | 0.10 | - |
| 13142 | 0.04 | - |
| Blank | Nil | - |
| STD OxJ47 | 2.25 | - |

*Certified by*

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## Appendix 4 Expert Assay Certificates

# *** Certificate of analysis ***


## Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510


Date : 2007/07/27



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **14155**
Your order number :
Project : **PULPS**

Total number of samples : **22**

| Designation | Au FA-GEO ppb 5 |
|---|---|
| **002** | 67 |
| **006** | 514 |
| **016** | 466 |
| **021** | 668 |
| **037** | 147 |
| **050** | 496 |
| **060** | 255 |
| **071** | 12 |
| **090** | 70 |
| **108** | 123 |
| **118** | 193 |
| **753** | 20 |
| **774** | 6 |
| **785** | 16 |
| **812** | 225 |
| **834** | 277 |
| **874** | 7 |
| **889** | 200 |
| **917** | 442 |
| **926** | 62 |

Joe Landers, Manager

# *** Certificate of analysis ***


## Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510


Date : 2007/07/27



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **14155**
Your order number :
Project : **PULPS**

Total number of samples : **22**

| Designation | Au FA-GEO ppb 5 |
|---|---|
| **955** | 105 |
| **982** | 280 |

# *** Certificate of analysis ***


## Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510


Date : 2007/07/27



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **14156**
Your order number :
Project : **PULPS**

Total number of samples : **15**

| Designation | Au FA-GRAV g/t 0.03 |
|---|---|
| **026** | 2.23 |
| **042** | 1.13 |
| **082** | 0.51 |
| **130** | 0.38 |
| **796** | 5.49 |
| **797** | 2.06 |
| **826** | 3.77 |
| **842** | 0.96 |
| **856** | 2.95 |
| **857** | 57.60 |
| **895** | 6.03 |
| **898** | 3.36 |
| **901** | 5.97 |
| **940** | 1.03 |
| **965** | 1.17 |

Joe Landers, Manager

# Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18822**
Your order number : **Pulpes**
Project : **7W 1256**

Total number of samples : **4**

| Designation | Au FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|
| **8414** | 4398 | 4.42 |
| **8415** | 591 | |
| **8428** | <5 | |
| **8448** | 333 | |

Joe Landers, Manager

# Laboratoire Expert Inc.

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Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18823**
Your order number : **Pulpes**
Project : **7W 1257**

Total number of samples : **4**

| Designation | Au FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|
| **8457** | 4375 | 4.46 |
| **8470** | 12 | |
| **8485** | 11 | |
| **8498** | 1964 | 2.06 |

Joe Landers, Manager

# Laboratoire Expert Inc.

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## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18824**
Your order number : **Pulpes**
Project : **7W 1272**

Total number of samples : **4**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 |
|---|---|---|
| **8056** | 126 | 140 |
| **8066** | 906 | |
| **8073** | 100 | |
| **8402** | 8 | |

Joe Landers, Manager

# Laboratoire Expert Inc.

127, Boulevard Industriel
Rouyn-Noranda, Québec
Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18825**
Your order number : **Pulpes**
Project : **7W 1273**

Total number of samples : **5**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|---|
| **8096** | <5 | <5 | |
| **8107** | 854 | | |
| **8118** | 20 | | |
| **8128** | 4550 | | 4.56 |
| **8140** | <5 | | |

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## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18826**
Your order number : **Pulpes**
Project : **7W 1274**

Total number of samples : **4**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|---|
| **8152** | 237 | 253 | |
| **8158** | 568 | | |
| **8160** | 1721 | | 1.82 |
| **8183** | 299 | | |

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## *** Certificate of analysis ***

Date : 2007/07/09



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18827**
Your order number : **Pulpes**
Project : **7W 1299**

Total number of samples : **6**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 |
|---|---|---|
| **8038** | <5 | <5 |
| **8189** | 93 | |
| **8194** | 485 | |
| **8206** | <5 | |
| **8226** | 510 | |
| **8237** | 6 | |

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## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

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Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18828**
Your order number : **Pulpes**
Project : **7W 1329**

Total number of samples : **6**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|---|
| **8252** | 36 | 32 | |
| **8264** | 3240 | | 3.39 |
| **8275** | 1845 | | 1.82 |
| **8280** | 378 | | |
| **8298** | <5 | | |
| **8307** | 127 | | |

Joe Landers, Manager

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## *** Certificate of analysis ***

Date : 2007/07/11



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

65, Third Avenue
Timmins
Ontario
P4N 1C2

Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18829**
Your order number : **Pulpes**
Project : **7W 1361**

Total number of samples : **5**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 |
|---|---|---|
| 8313 | <5 | 6 |
| 8333 | 226 | |
| 8335 | 525 | |
| 8341 | <5 | |
| 8355 | 168 | |

Joe Landers, Manager

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## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

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Ontario
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Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18830**
Your order number : **Pulpes**
Project : **7W 1455**

Total number of samples : **7**

| Designation | Au FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|
| **8365** | 1252 | 1.30 |
| **8378** | 287 | |
| **8390** | <5 | |
| **8394** | 1678 | 1.71 |
| **13005** | 166 | |
| **13017** | 2633 | 2.85 |
| **13021** | 436 | |

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## *** Certificate of analysis ***

Date : 2007/07/10



Client : **Moneta Porcupine Mines Inc.**

Addressee : **Reiner Skeries**

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Ontario
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Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18831**
Your order number : **Pulpes**
Project : **7W 1603**

Total number of samples : **4**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|---|
| **13032** | 305 | 301 | |
| **13045** | <5 | | |
| **13053** | 1595 | | 1.68 |
| **13062** | <5 | | |

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## *** Certificate of analysis ***

Date : 2007/07/10



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Telephone : (705) 264-2296
Fax : (705) 267-7490

Folder : **18832**
Your order number : **Pulpes**
Project : **7W 1604**

Total number of samples : **6**

| Designation | Au FA-GEO ppb 5 | Au-Dup FA-GEO ppb 5 | Au FA-GRAV g/t 0.03 |
|---|---|---|---|
| **13083** | 30 | 32 | |
| **13093** | 22 | | |
| **13106** | 1327 | | 1.37 |
| **13120** | 2904 | | 3.09 |
| **13132** | 93 | | |
| **13139** | 200 | | |

Joe Landers, Manager