ASSESSEMENT WORK
DRILL REPORT
2010 DRILL PROGRAM
PAWNEE PROPERTY
KIRKLAND LAKE, ONTARIO
LARDER LAKE MINING DIVISION
NTS 32-D-04

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Summary

The Pawnee property is located south of King Kirkland in the Larder Lake Mining Division in northeastern Ontario. The property is 100% owned by Queenston Mining Inc (QMI). In the northern part of the property, diamond drilling in 1990 and 1994 intersected near surface low grade gold mineralization in altered Timiskaming volcanics and sediments similar to the past and present producing gold mines in the Kirkland Lake gold camp. Geophysical and geochemical surveys completed in 2005, in the south western portion of the claim group, detected anomalies which warranted drill testing.

The 2010 Pawnee drilling program consisted of two drilling phases, a winter phase on the southern part of the property and a summer phase in the northern part. A total of 12,271 metres of NQ diameter drilling in 16 holes were completed in two phases during the period January 4 to September 4, 2010.

The winter phase tested a series of linear low and high magnetic anomalies with coincident IP chargeability and MMI Au-Ag geochemical soil anomalies located along the Larder Lake Deformation, North Break splays to the north and the South Break and associated splays to the south in the Lebel Stock. The drilling intersected 300-500 m wide (core length) zones of deformed drag-folded sericitic, hematitic, albitized, carbonated altered conglomerates, greywackes, trachyte tuffs, lean oxide iron formations, pyritic cherty sediments and 3-30 m thick green carbonate altered ultramafic dykes. The carbonate zones are intruded by 0.1-5 m wide pyritic sericitic albitized silicified felsic dykes with 1-3% finely disseminated pyrite and quartz-ankerite veining. Holes PW10-1-5 and PW10_9 returned assays of < 1.00 g/t Au. Hematitic altered conglomerates with trace chalcopyrite in hole PW10_6 assayed 1.1 g/t Au over 1.0 m. Hole PW10-7 intersected altered hematitic trachyte tuffs with 2-3% quartz ankerite veining and 3-5% finely disseminated pyrite which assayed 1.9 g/t Au over 5.4 m.

The summer drilling phase tested at depth below low grade gold mineralization in altered Timiskaming that was intersected in historic 1990 and 1994 drilling by Noranda and QMI respectively. The drilling intersected anomalous gold mineralization in altered pyritic trachyte tuffs; feldspar porphyry dykes and brecciated quartz carbonate vein zones assaying 3.1 g/t Au over 1.7 m, (hole PW10-8), 1.3 g/t Au over 1.0 m (hole PW10-10), 12.7 g/t Au over 0.4 m, 4.5 g/t Au over 1.8 m, 1.6 g/t Au over 6.1 m, 2.6 over 1.7 m, 5.3 g/t over 2.7 m and 14.2 g/t Au over 0.5 m (hole PW10-11), 11.3 g/t Au over 1.1 m (hole PW10-13), 2.5 g/t Au over 3.5 m, (hole PW10-14), 6.0 g/t Au over 0.9 m (hole PW10-15) and 1.3 g/t Au over 3.5 m (hole PW10-16).

Eight holes, totaling of 7,600 m, are proposed to follow up the results of the 2010 drilling program.

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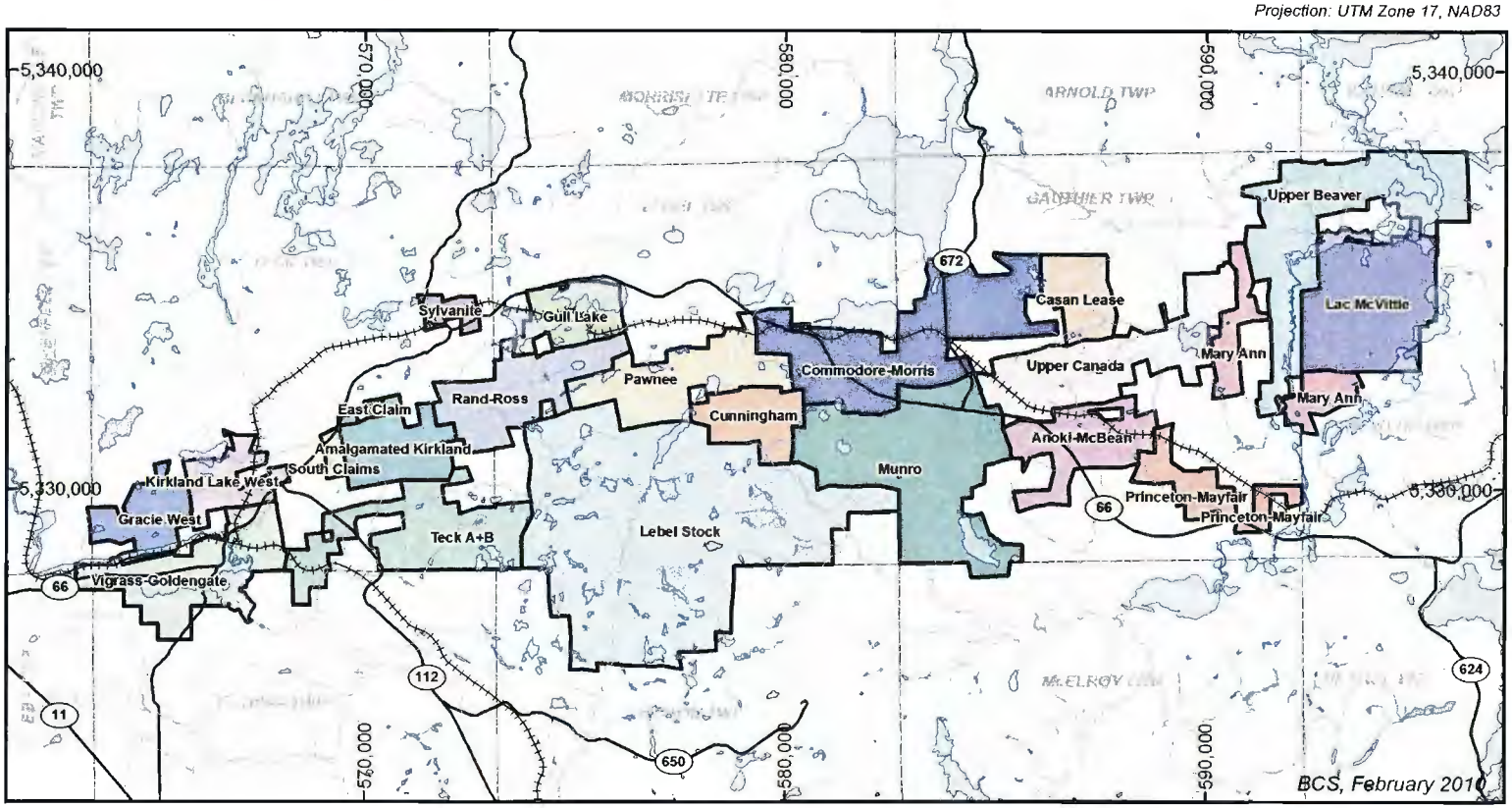
1.0 Introduction

The Pawnee property is located south of King Kirkland in the Larder Lake Mining Division in northeastern Ontario. The property is 100% owned by Queenston Mining Inc (QMI). In the northern part of the property, diamond drilling in 1990 and 1994 intersected near surface low grade gold mineralization in altered Timiskaming volcanics and sediments similar to the past and present producing gold mines in the Kirkland Lake gold camp. Geophysical and geochemical surveys completed in 2005, in the south western portion of the claim group, detected anomalies which warranted drill testing. This report describes the results the 2010 diamond drilling completed on the Pawnee property by Queenston Mining Inc. from January 4, 2010 to September 4, 2010 to test the geophysical anomalies and the low grade gold mineralization at depth.

2. 0 Description, Location and History

The claims are located in west-central part of Lebel Township in the Larder Lake Mining Division in the Kirkland Lake gold Camp in northeastern Ontario (Figure 1). The Pawnee property consists of 4 patented mining claims and 3 mining for a total of approximately 643 hectares, as shown on Figure 13 and listed in Table 1. The property is owned 100% by QMI subject to a 1-2% NSR royalty to Franco-Nevada Inc depending on the gold price..

The claim group lies 1.6 km south of the Village of King Kirkland, highway 66 and the Ontario Northland Railroad. An Ontario Hydro power line crosses the property. Access to the property is by old drill road, snowmobile trails, maintenance road along the powerline and by two drill roads which were constructed in 2010 leading from Highway 66 and traversing the neighbouring joint-ventured Morris Kirkland property.



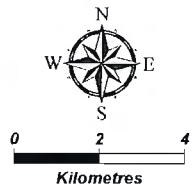
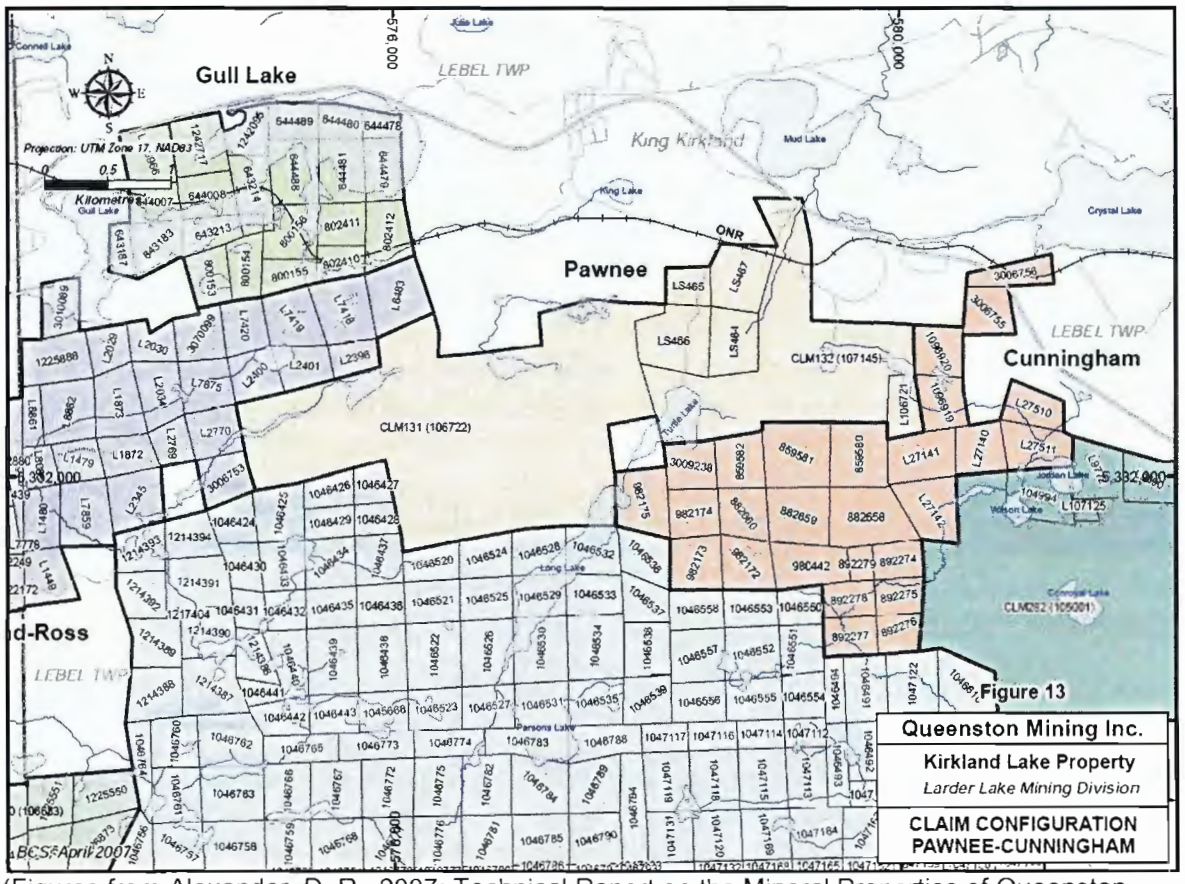


Figure 1

Queenston Mining Inc.
Kirkland Lake Gold Camp ***Larder Lake Mining Division***
PROPERTY MAP

Figure 13



(Figures from Alexander, D. R., 2007: Technical Report on the Mineral Properties of Queenston Mining Inc. in the Kirkland Lake Gold Camp)

TABLE 1
PAWNEE PROPERTY
CLAIM LIST

Claim Number	Claim Type	Rights	Expiry Date	Hectares
L 464	Patent	Mining and Surface	NA	+- 16
L 465	Patent	Mining and Surface	NA	+- 16
L 466	Patent	Mining and Surface	NA	+- 16
L 467	Patent	Mining and Surface	NA	+- 16
CLM 131-106721	Lease	Mining and Surface	July 31, 2014	11.849
CLM 131-106722	Lease	Mining and Surface	July 31, 2014	399.542
CLM 132-107145	Lease	Mining Only	July 31, 2014	167.811
			Total	**Approx. 643 ha**

The history of the Pawnee Property (D. R. Alexander November 2007)

1922-23: Pawnee Kirkland Gold Mines incorporated; some surface work on 4 patented claims.
1927-28: Pawnee Kirkland Gold Mines; shaft to 780 ft (238 m), levels at 125-ft intervals, 983 m of lateral development; 4 surface drillholes by Lucky Tiger Combination Gold Mining.
1936: Regal Kirkland Gold Mines; dewater shaft; 168 m of lateral development; 313 m of underground drilling.
1944-45: Belrosa Mines; mapping and trenching; 23 surface drillholes by Macassa-Sylvanite Mines in south part of property.
1944-45: Rocamsa Mines; 3 drillholes (420 m) – holes 5, 6 and 7 on Upper Canada Break, east part of property (see also Cunningham property).
1961-63: Upper Canada Mines; acquire property; 10 surface drillholes (1,732 m), west of shaft.
1964-65: Labrador Mining (option); Induced Polarization survey; 36 surface drillholes (6,050 m).
1966-67: Labrador Mining; rehabilitate shaft, 915 m lateral development on 500-ft level, 229 m on 750-ft level; underground drilling on 250, 500 and 750-ft levels.
1982: Laberada Mining; mapping and geophysical surveys; 9 surface drillholes (1,597 m) in south part of property.
1990: Noranda Exploration / Central Crude Mines (option); magnetic survey; 15 surface drillholes (3,633 m).
1994: Queenston Mining; magnetic survey, 10 surface drillholes (2,949 m).
1996-2001: Queenston – Franco-Nevada joint venture; geophysical surveys (magnetics and VLF-EM); geological mapping; 3 drillholes (1,398 m) of Pawnee project on Lebel Stock lands.
2002-06: Queenston Mining; Induced Polarization survey and soil geochemical survey (2005).

There is no past production recorded on the property and no mineral resources are currently developed.

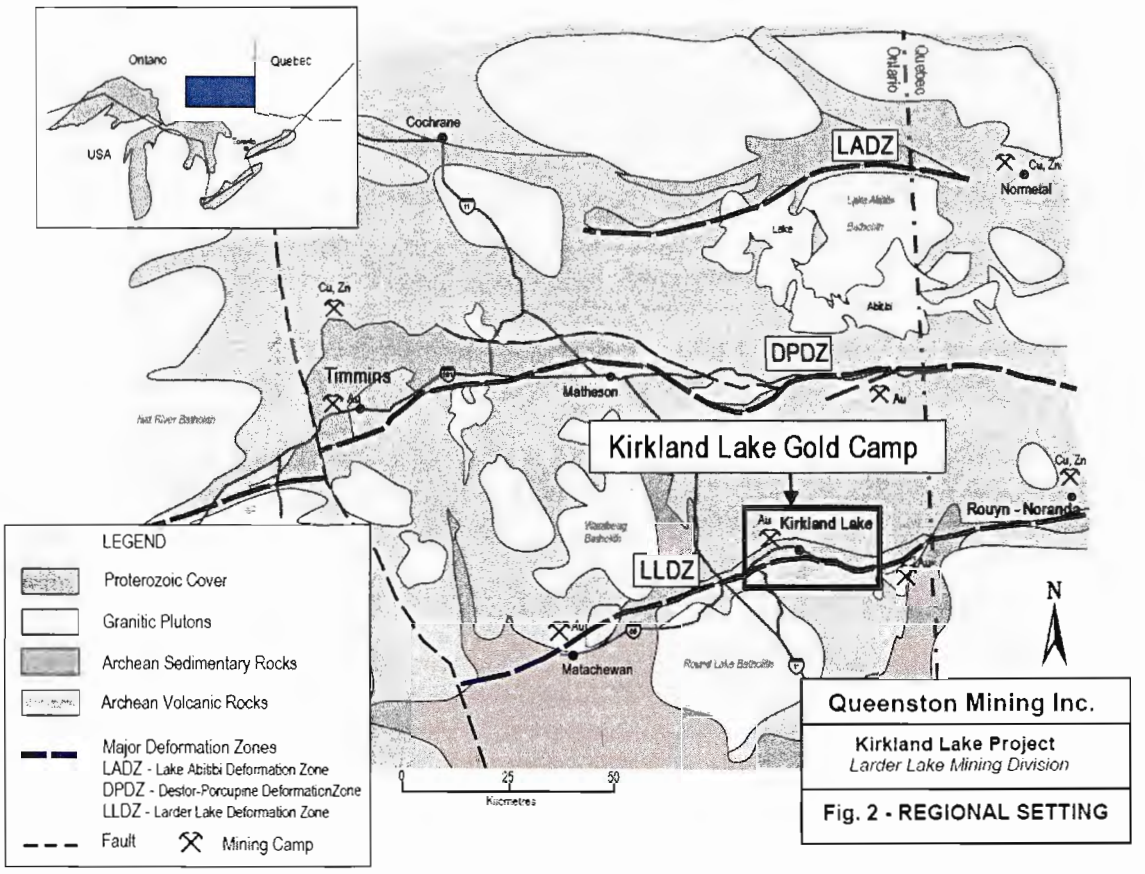
3.0 Geological Setting

3.1 Regional (Modified from D. R. A., November 2007)

The Kirkland Lake Gold Camp is located in the south central portion of the Abitibi Greenstone Belt within the Archean Superior Province of the Canadian Shield. It is situated on the south limb of the regional Blake River synclinorium. The northern and southern limbs of the synclinorium are truncated respectively by the east-trending, Destor-Porcupine and the Cadillac-Larder Lake breaks. The majority of the historical gold production in the Abitibi Greenstone Belt is spatially associated with these two regional structures (Figure 2).

The geological understanding of the Abitibi Greenstone Belt has been an evolving process. Up until the 1980's standard stratigraphic modeling was primarily based on stratigraphic superposition through field relationships and rock chemistry. That effort was replaced by a lithotectonic approach in the mid 1980's. Currently, the earlier stratigraphic models are being revisited with a much stronger emphasis on geochronology.

Figure 2



(From D. R. A., November 2007)

Most recent data (Ayer et al, 2005) subdivide the Timmins – Kirkland Lake segment of the Abitibi Greenstone Belt into 11 supracrustal assemblages as:

Timiskaming (youngest) – sediments and alkalic volcanics + iron formation

Porcupine – sediments and calc-alkalic volcanics + iron formation

Upper Blake River – calc-alkalic and tholeiitic volcanics

Lower Blake River – tholeiitic volcanics (previously Kinojevis Group in Kirkland Lake Area)

Upper Tisdale – calc-alkalic volcanics (previously Gauthier Group in Kirkland Lake Area)

Lower Tisdale – komatiitic, tholeiitic and calc-alkalic volcanics + iron formation (Previously Larder Lake Group in Kirkland Lake area))

Upper Kidd-Munro – komatiitic, tholeiitic volcanics + iron formation

Lower Kidd-Munro – calc-alkalic volcanics

Stoughton-Roquemaure – komatiitic, tholeiitic and calc-alkalic volcanics

Deloro – tholeiitic and calc-alkalic volcanics + iron formation

Pacaud (oldest) – komatiitic, tholeiitic and calc-alkalic volcanics

Intrusive rocks are subdivided into three broad categories: synvolcanic, syntectonic and post tectonic intrusions. Synvolcanic intrusives are tied, via geochronology, to the 11 supracrustal assemblages noted above. They are not well represented in the Kirkland Lake area – the felsic to intermediate Round Lake
batholith to the southwest.

More important in the project area, are the syntectonic intrusives, particularly the late syntectonic members. Ayer (2005) indicates that the late syntectonic intrusives are "broadly coeval with the Timiskaming assemblage", relatively small, and, occur in close proximity to the regional structures. Larger intrusions of this type include the Otto Stock, Lebel Stock and Murdoch Creek Stock. They tend to be alkalic, ranging from syenite to mafic syenite in composition. The syenite stocks often have contaminated margins and variably altered to metamorphosed contact aureoles.

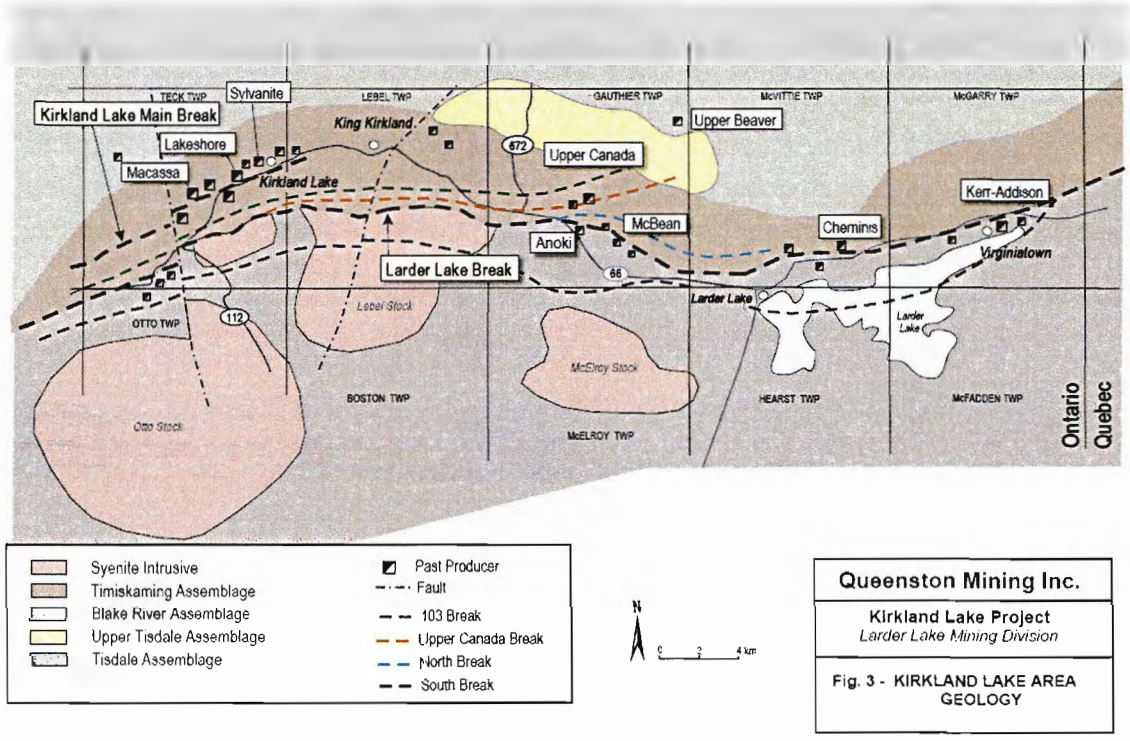
3.2 **Kirkland Lake Camp** (From D. R. A., November 2007)

The Kirkland Lake Gold Camp is essentially defined by a 5 km corridor straddling the Cadillac-Larder Lake Break (Figure 4). This major, east-trending, south-dipping, regional structure has juxtaposed Tisdale assemblage mafic to ultramafic rocks against much younger alkalic rocks and sediments of the Timiskaming assemblage. Thus the Blake River and Porcupine assemblages are absent in the immediate area of the break.

As previously mentioned, the majority of the historical gold production in the Abitibi Greenstone Belt is spatially associated with two major regional structures – the Destor-Porcupine and the Cadillac-Larder Lake breaks. Subsidiary and splay structures to the regional breaks are similarly significant. In Kirkland Lake proper (Teck Township), seven mines on the Kirkland Lake Main Break have produced in excess of 24 million oz of gold, while on the Upper Canada Break, the Upper Canada Mine (Gauthier Township) has recorded production of some 1.5 million oz – all of these mines are in Timiskaming assemblage rocks. On the other hand, the Kerr Addison Mine (McGarry Township) which occurs along the Cadillac-Larder Lake Break has produced more than 10 million oz of gold from Tisdale assemblage rocks.

Gold mineralization along the Cadillac-Larder Lake Break including the Kerr Addison, McBean and Anoki deposits is interpreted to be related to a series of hydrothermal events associated with three phases of deformation along the break. Queenston's McBean and Anoki deposits appear to have formed early in the deformation history with remobilization likely during later deformation events. The nearby Upper Canada deposit "occurs in a high-strain, ductile deformation zone" (the Upper Canada Break), that probably represents a splay of the Cadillac-Larder Lake Break. Deformation corridors related to the breaks can have a sphere of influence in excess of 1 km in thickness. Felsic intrusives are common within the deformation corridors and are often mineralized.

Figure 3



(From D. R. A., November 2007)

3.3 **Pawnee Property** (From D. R. A., November 2007)

The southern margin of the Pawnee property is essentially along the Cadillac-Larder Lake Break and North Break structures (Fig. 14). The Cadillac-Larder Lake Break continues to skirt the north contact of the regional Lebel Stock syenite in the west part of the property, transgressing into the Lebel Stock east of a north-northeast to northeast trending cross fault – the Long Lake fault. The cross fault follows a chain of lakes and creeks separating the eastern third of the property from the west. It plots some 450 to 550 m east of the Pawnee shaft and is interpreted to have a left-handed lateral offset approaching 350 m (Fig. 14).

In the western two thirds of the property, the Cadillac-Larder Lake Break cues along a thin veneer of Tisdale assemblage mafic and ultramafic volcanics with narrow units of chert and iron formation at the north contact of the Lebel Stock. The Tisdale assemblage varies from a few meters to 100 m thick. It is characterized by strong carbonate alteration and shearing, amphibolitization and local epidote alteration. Strong shearing and carbonate alteration are also noted in the north contact of the Lebel Stock.

The North Break structure splays off the Cadillac-Larder Lake Break near the west boundary of the property. It defines a lozenge up to 500 m thick of variably altered sedimentary and tuffaceous rocks of probable Timiskaming assemblage (Fig. 14). Carbonate alteration, shearing and syntectonic dykes of syenite are common within the lozenge. The alteration and shearing patterns are locally branching to anastomosing in nature between these two structures, both of which dip steeply south.

North of the North Break, on the western two thirds of the property, is a 500 to 700 m thick package of Timiskaming assemblage sedimentary rocks with local tuff units, followed by a 1-km thick system dominated by trachyte flows that host the Pawnee deposit. The sequence of trachyte flows varies from massive to pseudoleucite-spotted and amygdaloidal, with potential trachyte sills, dykes of syenite, and, narrow intercalated horizons of tuff and sediment. Its north contact with another Timiskaming assemblage sedimentary package is near the northern fringes of the property (unit of 5T on Fig. 14).

3.4 Property Geology and Mineralization

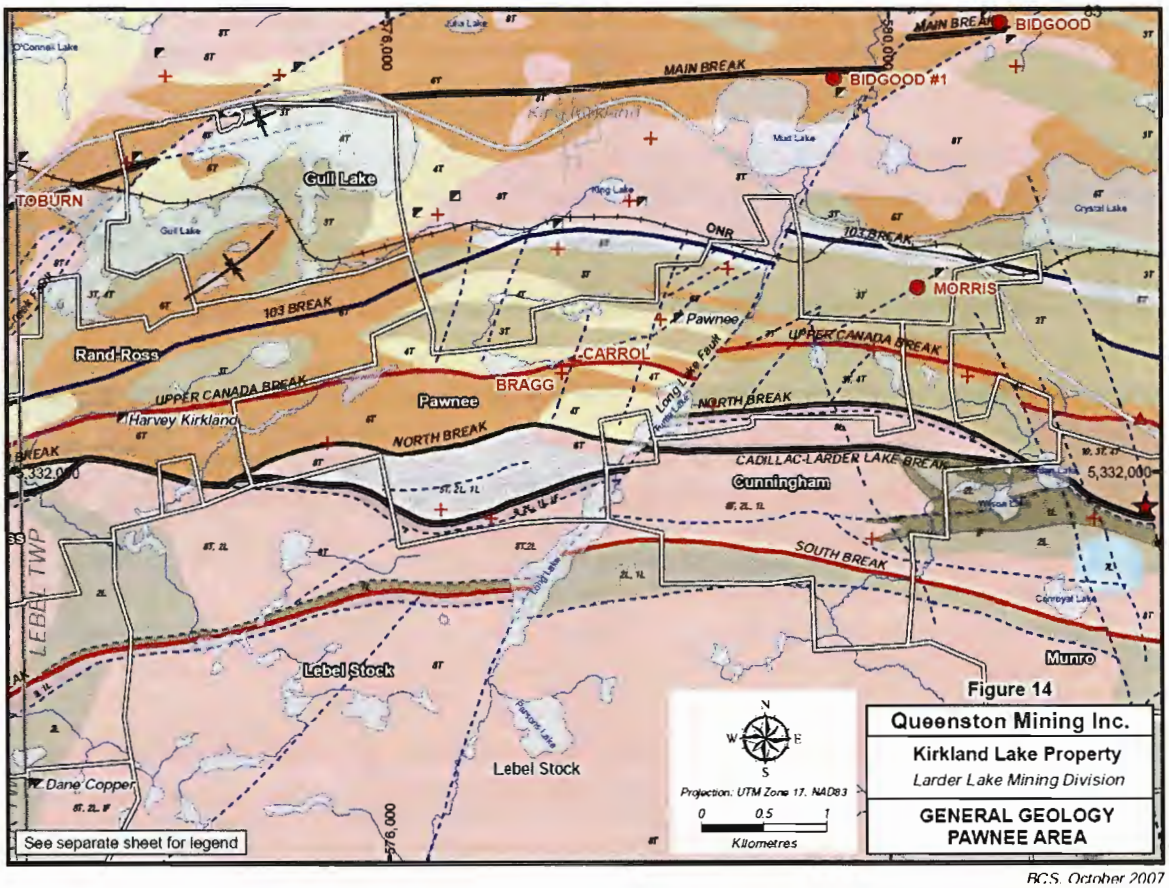
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the system but economic mineralization was not encountered. A best assay of 1.37 g/t gold over 0.9 m in hole 17 (drillhole lost) of the Belrosa program, was not duplicated in a follow-up hole (17A) from the same collar. The host was mineralized syenite. The best assay interval in the Laberada program was also associated with mineralized syenite along with carbonate alteration and veining at the Tisdale assemblage / Timiskaming assemblage contact. Hole 82-6 intersected 0.59 g/t gold over 3.0 m in mineralized syenite, followed by 2.0 m at 23 ppb gold, and, 1.40 g/t over 0.8 m (cherty veining in syenite). No other values greater than 0.4 g/t gold were encountered in the Laberada drilling.



BCS, October 2007

4.0 2010 Pawnee Drilling Program

4.1 Introduction

The 2010 Pawnee drilling program consisted of two phases, a winter phase on the southern part of the property and a summer phase in the northern part. The winter phase tested a series of linear low and high magnetic anomalies with coincident IP chargeability and MMI Au-Ag geochemical soil anomalies located along the Larder Lake Deformation, North Break splays to the north and the South Break and associated splays to the south in the Lebel Stock. The summer drilling phase tested at depth below low grade gold mineralization in altered Timiskaming that was intersected in historic 1990 and 1994 drilling by Noranda and QMI respectively.

A total of 12,271 metres of NQ diameter drilling in 16 holes were drilled by Major Drilling Group International Inc from Val D'Or, Quebec. Drilling was started on January 4, 2010 and it was completed on September 4, 2010. The drill program was planned and supervised by Wayne R. Benham P.Geo., Queenston Mining Inc. The drill holes with UTM NAD 83 collar co-ordinates were spotted using a Garmin 12 GPS unit with an accuracy of +-10 m. The core was logged and sampled by W. Benham, at Queenston's Upper Canada mine site. The drill core is stored at the Upper Canada mine site. A total of 3,933 core samples were cut with a diamond saw by Queenston's core technicians. Poly Met Labs at Cobalt, Ontario assayed all samples by Fire Assay, one assay ton with a gravimetric finish. Samples with > 1 g/t gold were check fire assayed using a gravimetric finish. A total of 91 gold standards and 88 blank samples were randomly inserted into the sample stream for QA and QC purposes. A total of 17 sample rejects were sent to Swastika Laboratory at Swastika for check assaying.

The results of the 2010 drilling are described in drill logs PW10_1 to PW10_16 (Appendix I) and Assay certificates are located in Appendix II. The drill hole locations are shown on a drill plan at a scale of 1:5,000 and shown on drill hole cross sections, looking 250^0 Azimuth, at a scale of 1:2,500 (Appendix III). A hypothetical geology grid with 50-spaced section lines oriented at 340^0 Azimuth. Drill holes also are shown on an airborne vertical gradient airborne map of the property. Some of the holes were collared on QMI's neighbouring Lebel Stock property to the south and some holes were extended on to QMI's Lebel Vault property and the QMI-Newstrike joint-ventured Morris Kirkland property to the north.

4.2 Core Logging, Sampling and Assaying Procedures

All diamond drill holes are NQ in diameter. The core is placed in wooden boxes by the drillers. The boxes are picked up by Queenston technicians at the drill site and delivered to the core-logging facility at the former Upper Canada mine site. Core logging protocol by Queenston geologists is summarized as follows:

The core is first measured to check that the driller's metre blocks are correct. The metreage is marked at the start of each box. Any lost or ground core is noted and zones of poor RQD are note (i.e. <75%). The core is logged in detail and recorded in a digital format using an excel spreadsheet. Special attention is given to alteration, mineralization and structural information. Mineralization and alteration are sampled. The samples are marked by the geologist and sample tickets are inserted. Depending on the lithology, alteration and mineralization, sample widths vary from 0.30 m to 1.4 m, average 1.0 m. The samples are entered on the drill logs. For each sample the percentage of quartz-carbonate veining, % pyrite are estimated and entered on the drill log.

The samples are then cut in half by a Queenston technician using a diamond core saw. Half the core is placed in a plastic bag with a sample ticket and the other half is put back in the box with a duplicate sample ticket at the end of the sampled interval. Samples with visible gold are flagged and the core cutter is advised to take special care to clean the saw blade after cutting the potentially high grade sample in order to avoid contamination of the next sample.

The boxes are labeled with metal tags with the hole number and the depth of hole for the contained core interval. The boxes are placed in racks outside for future reference. The unmineralized sections of the drill holes with no samples are stacked on wooden pallets to save core rack space. The samples are placed in plastic pails or bags; a lab work order is prepared and the samples are picked up by PolyMet Labs personnel.

The primary assay lab for the samples was PolyMet Labs, Cobalt, Ontario. All samples were assayed by fire assay method, 1 Assay Ton, with gravimetric finish. Samples assaying equal or greater than 1 g/t Au were re-assayed with gravimetric finish using a second pulp from the reject. A total of 17 sample rejects were sent to Swastika Laboratories Ltd. at Swastika, Ontario for check assaying by geochemical gold in ppb using Fire Assay method - one assay ton and AA finish.

4.3 Drilling Results

The 2010 Pawnee drill program intersected low grade gold mineralization grading < 1 g/t Au over widths up to 19 metres and high gold > 10 g/t Au over narrow widths of 0.4-1.1 m. Drill hole locations and anomalous gold composite intersections are listed in table 2.

During the winter phase, eight drill holes, **PW10-1 to PW10-7 and PW10_9**, were completed on the South Pawnee property. The southern part of the property covers a 2.7 km strike length of the regional Larder Lake Deformation Zone (LLDZ) in contact with altered Timiskaming sediments and volcanics intruded by syenite and ultramafic dykes to the north and the deformed altered contact zone of the Lebel Syenite Stock and the South Break to the south. The holes tested a variety of IP, magnetic geophysical and geochemical MMI Au-Ag anomalies. Previous surface prospecting and shallow drilling in the area had discovered erratic anomalous gold assays of 1.0-6.5 g/t Au over 0.6-4.6 m.

The 2010 winter drilling intersected 300-500 m wide (core length) zones of deformed drag-folded sericitic, hematitic, albitized, carbonated altered conglomerates, greywackes, trachyte tuffs, lean oxide iron formations, pyritic cherty sediments and 3-30 m thick green carbonate altered ultramafic dykes. The carbonate zones are intruded by 0.1-5 m wide pyritic sericitic albitized silicified felsic dykes with 1-3% finely disseminated pyrite and quartz-ankerite veining. Holes PW10-1-5 and PW10_9 returned assays of < 1.00 g/t Au. Hematitic altered conglomerates with trace chalcopyrite in hole PW10_6 assayed 1.1 g/t Au over 1.0 m. Hole PW10-7 intersected altered hematitic trachyte tuffs with 2-3% quartz ankerite veining and 3-5% finely disseminated pyrite which assayed 1.9 g/t Au over 5.4 m.

The summer drilling phase consisted of eight holes, **PW10_8 and PW10_10 to 16**, on the North Pawnee property. The northern portion of the property is underlain by Timiskaming sediments and trachytic volcanics intruded by syenite and feldspar porphyry dykes. Similar rocks in the area host economic gold deposits in the Kirkland Lake gold camp in Teck Township (Kirkland Lake Main Break deposits, Lakeshore Mine etc.) and Gauthier Township (Upper Canada Mine). In 1927, the Pawnee exploration shaft was sunk to a depth of 238 m in the north central area of the claims. Underground drilling, drifting and cross-cutting in 1927, 1936 and 1964-66 by previous owners, discovered erratic gold mineralization in pyritic quartz veining in carbonatized, silicified, sericitized volcanics with best assays of 3.4-11.6 g/t Au over 0.6-1.8 m. Previous drilling in 1990 and 1994 intersected low grade gold mineralization, 0.5-3.0 g/t Au over widths of 5-20 m at vertical depths of 100-300 m. The current drill program was planned to test these gold zones at vertical depths of 400-600 m.

Hole PW10-8 was drillied to test the Bragg gold zone (1.3 g/t Au over 10.0 m hole 90-12) and No 8 gold zone (1.4 g/t Au over 19.2 m, hole P90-9) at the -500 m level. It intersected 3.1 g/t Au over 1.7 m in pyritic quartz ankerite veining in a hematitic altered syenite dyke at 140.5 m. Hematitic altered conglomerates with 1-5% quartz veining was intersected at the target depth but assayed <0.03 g/t Au.

Hole PW10_10 was drilled below historic hole P90-10 which intersected 0.3 g/t Au over 10.0 m in sericitic siliceous pyritic altered trachyte flows and 1.0 g/t Au over 3.0 m in pyritic altered mudstones. Hole PW10_10 intersected a 5.2 m wide quartz ankerite vein zone in pyritic sericitic altered greywackes at the target depth. The best assay returned was 1.3 g/t Au over 1.0 m. Sericitic silicified quartz-ankerite veined altered mafic trachyte tuffs with 1-10% finely disseminated pyrite were intersected over widths of 8-10 m near the northern property and on the neighbouring QMI Vault Lebel claims. These altered pyritic zones correlated with magnetic low anomalies striking 060^0-070^0 Az located south and west of the Bidgood-Moffat Hall gold deposits. These pyritic zones assayed <0.03 to 0.34 g/t Au.

Hole PW10-11 was drilled 700 m east of the Pawnee shaft and east off the northerly striking Long Lake cross fault. This hole intersected six zones of pyritic quartz ankerite veining in sericitic hematitic altered trachytes which assayed 12.7 g/t Au over 0.4 m, 4.5 g/t Au over 1.8 m, 1.6 g/t Au over 6.1 m, 2.6 g/t Au over 1.7 m, 5.3 Au g/t over 2.7 m and 14.2 g/t Au over 0.5 m at vertical depths of 300-500 m. These zones appear to correlate with a 060^0-070^0 Az trending magnetic low anomaly splaying off an east-west striking regional deformation zone.

Hole PW10-12, located south of the Morris Kirkland property, tested the stratigraphy and altered structures 150 m west of historic hole P90-11 which intersected 0.5 g/t Au over 6.0 m in hematitic silicified altered trachyte flows. Hole PW10_12 intersected altered quartz ankerite veined trachyte breccias at the target zone which assayed nil gold. Further down the hole at a vertical depth of 400 m, a 34.9 m wide silicified altered pyritic zone centered on an 18.7 m wide pyritic silicified feldspar porphyry dyke was encountered. The best assays from this sulphide zone were 1.1 g/t Au over 1.2 m and 1.6 g/t Au over 5.0 m including 4.3 g/t Au over 1.0 m in silicified altered wallrocks of the dyke with 2-15% pyrite and trace chalcopyrite. This feldspar porphyry dyke is located 1,100 m southwest of similar feldspar porphyry dykes that were mined previously on the Morris Kirkland Mine property.

Hole PW10-13, which was drilled 300 m east of hole PW10_12, intersected altered quartz ankerite veined trachyte breccias at the target zone which assayed 0.4 g/t Au over 4.6 m. The hole was in strongly altered trachytes at the Pawnee property northern boundary so the hole was allowed to continue onto the Morris Kirkland JV property to test for the northeast strike extension of the gold bearing altered feldspar porphyry dyke zone, which was intersected in hole PW10-12. Hole PW10-13 intersected a 7.1 m wide shear zone in altered trachyte tuffs at a vertical depth of -600 m. At the northern contact of this shear zone, pyritic, quartz ankerite veining with visible gold assayed 11.3 g/t Au over 1.1 m.

Hole PW10-14 tested a magnetic low feature located west of an altered syenite intrusive with an IP anomaly along its southern contact on the neighbouring Commodore JV property. The bottom 72 metres of the hole encountered sericitic leucite porphyritic altered trachyte with 1-5 m wide, steeply north dipping, silicified pyritic zones which returned assays of 0.7 g/t Au over 19.0 m including 2.5 g/t Au over 3.5 m and 2.3 g/t Au over 1.2 m. A second zone was intersected and assayed 1.7 g/t Au over 3.4 m. The hole was stopped at the Morris Kirkland boundary still in alteration. These gold zones are interpreted to be the southwestern strike extension of the Morris Kirkland gold zones which were mined approximately 400 m to the north east.

Hole PW10-15 was drilled to test for the western strike extension of the mineralized feldspar porphyry dyke intersected in hole PW10_12 100 m to the northeast. Hole 15 did not intersect any altered mineralized feldspar porphyry dykes. However, ankerite quartz tourmaline veining with chalcopyrite and pyrite was intersected near the end of the hole and returned an assay of 6.0 g/t Au over 0.9 m.

Hole PW10-16 was drilled to test the 060^0 striking Pawnee gold zone 200 metres below the 750 foot (229 m) level of the historic Pawnee underground exploration mine workings. A 16.5 m wide brecciated quartz carbonate vein zone with 3-10% fine grained pyrite was intersected from 468-484.5 m. A 8.3 m wide section at the hanging wall contact assayed 0.3 g/t Au over 8.3 m. A second brecciated quartz ankerite vein zone with 5-10% pyrite was intersected from 504.0-507.6 m and assayed 1.3 g/t Au over 3.6 m.

Assay results for the QA-QC blank and gold standard samples and the reject check samples were within acceptable industry limits.

Table 2
PAWNEE 2010 DRILLING
HOLE LOCATIONS and
ANOMALOUS GOLD INTERSECTIONS

Hole No	Easting	Northing	Azimuth	Dip	Length	From	To	Interval	Au
	UTM	NAD 83	deg	deg	m	m	m	m	g/t
PW10_1	577370	5332030	350	-55	800.2	460.0	468.0	2.0	0.2
PW10_2	577169	5331990	355	-57	698.7	No significant	assays		
PW10_3	576162	5331354	360	-55	916.0	No significant	assays		
PW10_4	576135	5331250	315	-60	552.0	No significant	assays		
PW10_5	576355	5331051	003	-55	501.0	No significant	assays		
PW10_6	577077	5331548	360	-55	1198.9	1159.0	1160.0	1.10	1.1
PW10_7	577329	5331682	360	-60	1001.2	778.1	783.5	5.4	1.9
PW10_8	577600	5332470	360	-65	990.3	140.5	142.2	1.7	3.1
PW10_9	577597	5332411	180	-50	501.0	No significant	assays		
PW10_10	578605	5333500	360	-60	1020.1	669.8	670.8	1.0	1.3
PW10_11	579018	5333030	360	-70	817.2	309.6	310.0	0.4	12.7
PW10_11						314.3	316.1	1.8	4.5
PW10_11						377.2	383.3	6.1	1.6
PW10_11						405.0	406.7	1.7	2.6
PW10_11						437.4	440.1	2.7	5.3
PW10_11						incl			
PW10_11						439.1	440.1	1.0	10.1
PW10_11						621.8	622.3	0.5	14.2
PW10_12	579355	5333066	350	-75	836.8	442.7	443.9	1.2	1.1
PW10_12						461.4	466.4	5.0	1.6
PW10_12						incl			
PW10_12						464.4	465.4	1.0	4.3
PW10_13	579697	5333060	355	-75	735.0	499.0	500.0	1.0	0.9
PW10_13						523.1	527.7	4.6	0.4
PW10_13						**692.9**	**694.0**	**1.1**	**11.3**
PW10_14	580079	5332976	360	-65	475.1	416.7	435.7	19.0	0.7
PW10_14						incl			
PW10_14						**416.7**	**420.2**	**3.5**	**2.5**
PW10_14						and			
PW10_14						426.4	427.6	1.2	2.3
PW10_14						and			
PW10_14						434.7	435.7	1.0	1.3
PW10_14						452.6	456.0	3.4	1.7
PW10_15	579247	5333026	340	-70	501.0	**497.2**	**498.1**	**0.9**	**6.0**
PW10_16	578308	5332873	330	-70	726.4	283.3	284.3	1.0	1.1
PW10_16						468.0	476.3	8.3	0.3
PW10_16						493.0	493.7	0.7	1.0
PW10_16						**504.0**	**507.6**	**3.6**	**1.3**

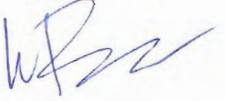
5.0 Conclusions and Recommendations

The alteration encountered by the 2010 drilling on the South Pawnee is somewhat similar to the altered deformed rocks associated with significant gold deposits located to the east in Gauthier Township (Anoki and Mcbean deposits) and McGarry Township (Kerr Addison, Armistice and Cheminis deposits). At the Anoki and Mcbean deposits, the mineralized shoots are less than 100 m in strike length and vertical height which makes them a difficult exploration drilling target. Detailed deep penetrating IP surveys followed by magnetic and IP data 3D inversion modeling is recommended. One 1000 m hole is recommended to test for the western strike extension of the gold zone (1.9 g/t Au over 5.4 m) which was intersected in hole PW10_7.

Drilling on the North Pawnee intersected significant gold mineralization south of the Morris Kirkland property east of and below the old Pawnee underground workings. Hole PW10_14 results indicate that the Morris Kirkland gold system has a substantial strike length of 400 m and continues to at least a vertical depth of 350 m. One hole, collared on the Morris Kirkland property, is recommended to test the hole PW10_14 gold zones 150 m to the northeast and at a depth of 600 m. The altered pyritic feldspar porphyry dyke intersected in hole PW10_12 warrants follow up drilling. A 1000 m hole, located 100 m to the east, is recommended to test for the northeast strike extension of this zone. Multiple narrow high grade gold zones were intersected in hole PW10_11. Two 900 m holes are recommended to test these zones deeper 100 m to the east and to the west. Hole PW10_16, which was drilled 200 m below the old Pawnee underground workings, intersected an interesting 17.5 m wide brecciated quartz carbonate vein zone with a pyritic quartz breccia matrix. Although it only assayed 0.3 g/t Au over 8.3 m further drilling is warranted to determine if the gold grades improve with depth or along strike. Two 900 m holes are recommended to test this mineralized zone at the -600 m level between the hole PW10_16 intersection and the Bragg zone located 500 m to the southwest. Also one 1000 m hole is recommended to test for the Pawnee gold zones to the east of the Long Lake cross-fault.

Eight holes for a total of 7,600 m are proposed as listed in Table 3 and shown on the drill location map and drill sections.

Wayne R. Benham P. Geo



December 24, 2010

Table 3

PROPOSED DRILL HOLES

HOLE	EASTING	NORTHING	AZIMUTH	DIP	LENGTH
A	579928	5333375	150	-75	1,000
B	579443	5333098	340	-80	1,000
C	579207	5333015	340	-75	900
D	578115	5332798	340	-75	900
E	577926	5332734	340	-75	1,000
F	577379	5331754	340	-75	1,000
G	579230	5333538	340	-75	900
H	579018	5332951	340	-75	900
				Total	**7,600 m**

REFRENCES

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Benham W., 1994: Pawnee Property, Report on Magnetometer and Diamond Drilling Program, Lebel Twp. Ontario OMIP OM94-038

Bragg, G. G., 1962 Summary of Exploration – Pawnee Property Lebel Township, Upper Canada Mines Ltd.

Cunningham, L. J. 1994: A Review of the Structure and Mineralization across Teck, Lebel and Gauthier Townships with Emphasis on the Pawnee and Cunningham Properties for Queenston Mining Inc.

McLean, A. 1944: Geology of Lebel Township, O.D.M. Bulletin 150.

Tully, D. W. 1957: Examination of the Pawnee Property for Upper Canada Mines Ltd.

PROPERTY: Pawnee			HOLE NUMBER: PW10_1					
Province:	Ontario	**DATE LOGGED:** Jan 9-Jan 17, 2010	**Grid E**	26+00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**	9+50	compass	0	350	-55.0
Started:	4-Jan-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577370	REFLEX	15	349.6	-54.7
Completed:	16-Jan-10	**UNITS:** Metres	**UTM N:**	5332030		87	343.9	-56.0
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	350 m		150	344.3	-55.8
			Length:	800.2		180	344.3	-55.0
						246	341.8	-54.8
PURPOSE:	To test MMI, IP and magnetic anomalies					306	342.5	-54.1
			Au std		**Au g/t**	366	343.1	-53.4
COMMENTS:	Sample # 10661-10750, 46001-46271, 48751-48752, 348 half core samples, 8 blank and 7 gold standard samples were assayed for Au g/t by Polymet Labs., RQD >75% unless noted.		Au std # 6		2.641	432	341.4	-53.4
			Au std # 7		0.615	492	340.3	-53.2
			Au std # 8		4.086	552	339.6	-52.9
						672	341.5	-52.4
						612	342.4	-52.5
						672	341.5	-52.4
						738	344.9	-50.0
						800	343.4	-49.8

SUMMARY LOG: PW10_1			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		**Zone**
0.00	**5.00**	OVB						
5.00	**20.70**	Deformation Zone / Sediments						
20.70	**43.60**	Altered Deformed Greywacke						
43.60	**91.10**	Deformation Zone / Carbonated Sediments.						
91.10	**99.70**	Altered Deformed Sediments						
99.70	**106.20**	Green Carbonate Zone						
106.20	**220.80**	Altered Deformed Conglomerate						
220.80	**228.20**	Brown Carbonate Zone						
228.20	**235.45**	Altered Deformed Conglomerate						
235.45	**241.80**	Deformed Greywacke and Mudstone						
241.80	**334.20**	Conglomerate						
334.20	**343.00**	Shear Zone						
343.00	**373.10**	Deformed Altered Arkose and Conglomerate						
373.10	**401.40**	Carbonated Ultramafic						
401.40	**413.20**	Syenite Porphyry						
413.20	**428.40**	Carbonated Ultramafic						
428.40	**430.10**	Mafic Syenite						
430.10	**442.20**	Altered Conglomerate						
442.20	**456.10**	Fault Zone Carbonated Ultramafics						
456.10	**469.90**	Deformed Brecciated Altered Greywacke to Conglomerate	460.00	461.00	1.00	0.21		
469.90	**471.40**	Carbonated Ultramafics						
471.40	**483.20**	Deformed Altered Mafic Syenite	466.00	468.00	2.00	0.24		
483.20	**486.60**	Carbonated Ultramafic Talc Chlorite Schist						
486.60	**519.60**	Mafic Syenite and Syenite Porphyry Dykes in Talc Chlorite Schist	497.40	498.40	1.00	0.14		
519.60	**522.60**	Magnetic Siltstones						
522.60	**532.25**	Greywacke and Siltstones						
532.25	**535.55**	Monzonite						
535.55	**619.90**	Greywacke						
619.90	**621.60**	Conglomerate						

SUMMARY LOG: PW10_1			ASSAY SUMMARY					
621.60	**632.60**	Greywacke						
632.60	**641.70**	Conglomerate						
641.70	**644.00**	Greywacke						
644.00	**645.50**	Altered Sericitic Greywacke						
645.50	**655.00**	Conglomerate						
655.00	**658.10**	Greywacke						
658.10	**663.70**	Conglomerate						
663.70	**678.30**	Altered Sericitic Conglomerate						
678.30	**683.00**	Greywacke						
683.00	**691.00**	Altered Sericitic Greywacke						
691.00	**695.00**	Conglomerate						
695.00	**746.40**	Greywacke						
746.40	**752.40**	Conglomerate						
752.40	**761.00**	Greywacke						
761.00	**800.20**	Sericitic Altered Greywacke and Conglomerate						
	800.20	EOH						

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	5.00	OVB											
		Casing to 6 m.											
			10661	5.00	6.00	1.00	<.03				1		
5.00	20.70	Deformation Zone / Sediments	10662	6.00	7.00	1.00	<.03				2		
		5.0-10.7	10663	7.00	8.00	1.00	<.03						90% rec
		Green grey chloritic ankeritic altered greywacke and deformed carbonated greywacke	10664	8.00	9.00	1.00	<.03						90% rec
		alternating over widths of 5-60 cm, moderately foliated at 60 deg, <1% wavy quartz-	10665	9.00	10.00	1.00	<.03			2			
		ankerite veining, rusty limonite staining along fractures.	10666	10.00	10.70	0.70	<.03			1			
		10.7-20.7	10667	10.70	11.70	1.00	<.03			2	tr		
		Green light beige brown more felsic strongly deformed carbonated weakly sericitic	10668	11.70	12.70	1.00	<.03			2			
		sediments with drag-folding fold donuts and crenulation cleavage, 3-5% quartz-ankerite	10669	12.70	13.70	1.00	<.03			2	tr		
		vein material gangue, trace fine grained disseminated pyrite, foliation at 10-40-60-0	10670	13.70	14.70	1.00	<.03			2	tr		
		deg' intensity of carbonate alteration varies weak to strong over widths of 10-80 cm.	10671	14.70	15.70	1.00	<.03						
			10672	15.70	16.70	1.00	<.03			2			
20.70	43.60	Altered Deformed Greywacke	10673	16.70	17.70	1.00	<.03			1	tr		
		20.7-29.2	10674	17.70	18.70	1.00	<.03			2			
		Grey green fine to medium grained chloritic ankeritic altered greywacke' weakly foliated	10675	18.70	19.70	1.00	<.03			1	tr		
		at 70 deg' <5%, 3-5 cm wide light brown carbonated bands, locally signs of 5-20 cm	10676	19.70	20.70	1.00	<.03			1			
		wide fold structures, 1-2%, 1-3 mm wavy white quartz-ankerite veining parallel to											
		foliation.											
		29.2-43.6											
		Green grey chloritic deformed ankeritic sediments with 5-10 cm wide light brown											
		carbonated weakly sericitic bands, altered siltstones, arkose and greywacke,											
		moderately to strongly deformed and drag-folded, foliation at 30-70-0-50 deg,											
		crenulation cleavage at 50-70 deg, 3-5%, white ankerite-quartz veining parallel to											
		foliation planes.											
			10677	43.60	44.30	0.70	<.03			1	tr		
43.60	91.10	Deformation Zone / Carbonated Sediments.	10678	44.30	45.00	0.70	<.03			2	0.5		
		43.6-53.15	10679	45.00	46.00	1.00	<.03			5	0.5		
		Light pink brown green grey carbonated strongly deformed drag-folded altered	10680	46.00	47.00	1.00	<.03			3	0.5		
		sediments, foliation at 40-70-0-30 deg, 3-5%, 01.-1.5 cm white+-grey ankerite-quartz	10681	47.00	48.00	1.00	<.03			3	0.5		
		veining parallel to foliation, 0.5-1% fine to medium grained pyrite disseminated along	10682	48.00	49.00	1.00	<.03			3	1		
		foliation planes, carbonate-sericite alteration varies in intensity through out section.	10683	49.00	50.00	1.00	<.03			3	1		
		53.15-85.9	10684	50.00	51.00	1.00	<.03			5	1		
		Light cream beige ankeritic carbonated weakly sericitic and chloritic altered deformed	10685	51.00	52.00	1.00	<.03			5	1		
		sediments, locally drag-folded with donut structures, foliation at 30-0-70 deg, 3-5% grey	10686	52.00	53.20	1.20	<.03			5	1		
		and white quartz-ankerite veining parallel to foliation and gangue material, trace	10687	53.20	54.00	0.80	<.03			5	tr		
		specularite and fine grained chalcopyrite and pyrite in 1-3 mm wide +-quartz-ankerite	10688	54.00	55.00	1.00	<.03			3	tr		
		veins parallel to foliation and cross-cutting foliation at 30-50-60-80 deg to core axis,	10689	55.00	56.00	1.00	<.03			3	tr		
		cross-cutting veins have more chalcopyrite and grey quartz, trace finely disseminated	10690	56.00	57.00	1.00	<.03			5	tr		
		pyrite along foliation planes, at 75 m ankerite-quartz veining increases to 10%.	10691	57.00	58.00	1.00	<.03			5	tr		
		85.9-91.1	10692	58.00	59.00	1.00	<.03			5	tr		
		Light beige pink to pink silicified altered fine grained felsic dykes 10-60 cm wide	10693	59.00	60.00	1.00	<.03			5	tr		
		intruding 25% chloritic ankeritic coarse grained sediments, weakly foliated at 40 deg,	10694	60.00	61.00	1.00	<.03			5	tr		
		trace finely disseminated pyrite in dykes, 5% quartz-ankerite veining in dykes and 15%	10695	61.00	62.00	1.00	<.03			3	tr		
		quartz-ankerite veining in sediments, minor traces of pyrite.	10696	62.00	63.00	1.00	<.03			3	tr		
			10697	63.00	64.00	1.00	<.03			3	tr		

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
91.10	99.70	Altered Deformed Sediments	10698	64.00	65.00	1.00	<.03			5	tr			
		91.1-97.5	10699	65.00	66.00	1.00	<.03			5	tr			
		Pink grey green finely bedded and foliated chloritic carbonated altered siltstone	10700	66.00	67.00	1.00	<.03			5	tr			
		greywackes and arkoses, bedding at 70-80 deg, some beds are weakly green	10701	67.00	68.00	1.00	<.03			5	tr			
		carbonate altered, 1-3%, 1-10 mm quartz-ankerite veining parallel to bedding/foliation,	10702	68.00	69.00	1.00	<.03			5	tr			
		minor traces of pyrite.	10703	69.00	70.00	1.00	<.03			5	tr			
		97.5-99.7	10704	70.00	71.00	1.00	<.03			5	tr			
		Contact zone with ankeritic veined dark green contorted komattite intruded by 5-10 cm	10705	71.00	72.00	1.00	<.03			8	tr			
		wide light brown weakly sericitic finely foliated drag-folded altered sediments, bedding at	10706	72.00	73.00	1.00	<.03			5	tr			
		80-90 deg, one 2.5 cm wide white ankerite vein at 25 deg with trace pyrite.	10707	73.00	74.00	1.00	<.03			5	tr			
			10708	74.00	75.00	1.00	<.03			5	tr			
99.70	106.20	Green Carbonate Zone	10709	75.00	76.00	1.00	<.03			10	tr			
		99.7-105.3	10710	76.00	77.00	1.00	<.03			10	tr			
		Light lime green to emerald green and dark green banded/foliated weakly sericitic	10711	77.00	78.00	1.00	<.03			10	tr			
		fuchsite altered weak green carbonate zone (altered ultramafic?) with 15-20% white	10712	78.00	79.00	1.00	<.03			3	tr			
		ankerite-quartz veining parallel to moderate foliation at 55 deg, peanut butter brown 1-6	10713	79.00	80.00	1.00	<.03			5	tr			
		cm wide drag-folded veins altered felsic dykes with trace pyrite at 0-80 deg from 99.6-	10714	80.00	81.00	1.00	<.03			5	tr			
		199.9 m.	10715	81.00	82.00	1.00	<.03			5	tr			
		105.3-106.2	10716	82.00	83.00	1.00	<.03			10	tr			
		Light pink with green tinge fine grained weakly sericitic altered felsic dyke, upper	10717	83.00	84.00	1.00	<.03			10				
		contact at 55 deg, lower contact at 30 deg.	10718	84.00	85.00	1.00	<.03			10				
			10719	85.00	85.90	0.90	<.03			10				
106.20	220.80	Altered Deformed Conglomerate	10720	85.90	86.90	1.00	<.03			5	tr			
		106.2-113.7	10721	86.90	88.00	1.10	<.03			5	tr			
		Pink beige green to beige green sericitic weakly albitized foliated conglomerates with	10722	88.00	89.00	1.00	<.03			3	tr			
		0.5-3 cm wide stretched mafic and felsic clasts, moderately foliated at 45-55 deg, <1%,	10723	89.00	90.00	1.00	<.03			5	tr			
		1-3 cm white grey boudinaged quartz veining parallel to foliation, locally trace pyrite in	10724	90.00	91.10	1.10	<.03			5	tr			
		stronger albitized sections ,20 cm wide.												
		113.7-118.5	10725	97.50	98.70	1.20	<.03			3	tr			
		Orange pink stronger albitized conglomerate with 0.5-2 mm wide wispy fuchsite and	10726	98.70	99.90	1.20	<.03			15	tr			
		sericite alteration along foliation at 30-45 deg, 5-10% quartz-ankerite gangue vein	10727	99.90	101.00	1.10	<.03			10				
		material, rare traces of pyrite.	10728	101.00	102.10	1.10	<.03			3				
		118.5-127.4	10729	102.10	103.20	1.10	<.03			10				
		Pink orange pink and dark green weakly albitized sericitic chloritic altered	10730	Au std #6			2.74							
		conglomerates with mainly stretched felsic clasts but also a few chert and mafic clasts	10731	103.20	104.30	1.10	<.03			15				
		up to 2 cm, moderately foliated at 55-60 deg, 5-50 cm wide horizons of finer grained	10732	104.30	105.30	1.00	<.03			3				
		arkose sediments, 2-3%, 1-10 mm wide quartz-ankerite veining parallel to foliation,	10733	105.30	106.20	0.90	<.03			3				
		minor traces of pyrite.	10734	106.20	107.20	1.00	<.03			5				
		127.4-133.0	10735	107.20	108.20	1.00	<.03			2				
		Orange pink to beige pink stronger albitized and weakly sericitic altered conglomerate	10736	108.20	109.30	1.10	<.03			3				
		with 3% quartz-ankerite veining parallel to moderate foliation at 30-60 deg, locally	10737	109.30	110.40	1.10	<.03			3				
		emerald green wispy drag-folded fuchsite lenses along foliation planes.	10738	110.40	111.50	1.10	<.03			2	tr			
		133.0-147.55	10739	111.50	112.60	1.10	<.03			2				
		Light pink and green albitized weakly sericitic ankeritic altered conglomerate and	10740	112.60	113.70	1.10	<.03			10				
		arkose, foliated at 50-60 deg, <1% quartz-ankerite veining.	10741	113.70	114.60	0.90	<.03			10				
		147.55-152.75	10742	114.60	115.50	0.90	<.03			2				
		Pink to beige pink and green ankeritic strongly deformed and drag-folded section of	10743	115.50	116.50	1.00	<.03			5	tr			
		altered conglomerate and arkose, foliation at 30-50 deg, minor traces of pyrite, 2-3%	48751	116.50	117.50	1.00	<.03			5				
		grey quartz+-ankerite vein material, sharp upper contact at 70 deg, sharp lower contact	10744	117.50	118.50	1.00	<.03			3				
		at 50 deg marked by 1 mm chloritic fault slip.	10745	118.50	119.50	1.00	<.03			3				

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		152.75-156.15					<.03						
		Pink and beige green ankeritic albitized alerted conglomerate to arkoses, foliated at 40	10746	127.40	128.20	0.80	<.03			3			
		deg, not as deformed as above.	10747	128.20	129.00	0.80	<.03			3			
		156.15-163.0	10748	129.00	130.00	1.00	<.03			3			
		Light beige pink weakly sericitic ankeritic altered arkose to conglomerate with 1-10 mm	10749	130.00	131.00	1.00	<.03			1			
		wide emerald green wavy fuchsite lenses at 30-40 deg, 5-15%, white ankerite-quartz	10750	Blank			<.03						
		vein material.	46001	131.00	132.00	1.00	<.03			2			
		163.0-167.0	46002	132.00	133.00	1.00	<.03			3			
		Orange pink to pink deformed drag-folded ankeritic albitized altered conglomerate with											
		3% dark green black chloritic stretched clasts, foliation at 20-70 deg, minor traces of	46003	147.50	148.50	1.00	<.03			3			
		pyrite, 3-5% grey white quartz-ankerite veining, trace fuchsite lenses.	46004	148.50	149.60	1.10	<.03			5			
		167.0-174.25	46005	149.60	150.60	1.00	<.03			3			
		Light pink to beige green ankeritic albitized altered conglomerate, foliation at 25-50 deg,	46006	150.60	151.70	1.10	<.03			5			
		weakly sericitic altered bands 5-10 cm wide, trace fuchsite lenses.	46007	151.70	152.70	1.00	<.03			5			
		174.25-179.20											
		Light pink grey and green ankeritic altered conglomerate with 1%, chlorite, sericite and	46008	156.10	157.00	0.90	<.03						
		fuchsite wispy lenses, foliation at 30-50 deg, 2-3% quartz-ankerite veining.	46009	157.00	158.00	1.00	<.03			10			
		179.2-183.3	46010	Au std #7			0.89						
		Beige sericitic ankeritic quartz carbonate zone with 15-20 % wavy deformed quartz-	48752	158.00	159.00	1.00	<.03			10			
		ankerite veining, 1-10 mm wide, moderately foliated at 20-50 deg, few scattered quartz	46011	159.00	160.00	1.00	<.03			10			
		and felsic intrusive clasts suggesting an altered conglomerate.	46012	160.00	161.00	1.00	<.03			15			
		183.3-186.2	46013	161.00	162.00	1.00	<.03			10			
		Orange pink to beige pink weakly sericitic ankeritic stronger albitized conglomerate, 1%	46014	162.00	163.00	1.00	<.03			10			
		quartz veining.	46015	163.00	164.00	1.00	<.03			3			
		186.2-188.3	46016	164.00	165.00	1.00	<.03			5			
		Orange pink beige pink to grey sericitic albitized ankeritic altered conglomerate,	46017	165.00	166.00	1.00	<.03			3			
		moderately foliated at 30-50 deg, 3-% 5 quartz-ankerite veining, 2-3% white later	46018	166.00	167.00	1.00	<.03			10			
		irregular quartz veining, 0.5-1% finely disseminated pyrite along 1-1mm chloritic veins											
		and disseminated in ground mass, upper contact marked by sericitic fault slip at 50	46019	179.20	180.20	1.00	<.03			20			
		deg, sharp lower contact at 40 deg.	46020	Blank			<.03						
		188.3-198.0	46021	180.20	181.20	1.00	<.03			20			
		Light pink beige pink lime white albitized weakly sericitic ankeritic weakly albitized	46022	181.20	182.20	1.00	<.03			20			
		altered conglomerates and arkoses, weakly to moderately foliated at 50 deg.	46023	182.20	183.30	1.10	<.03			20			
		198.0-200.5	46024	183.30	184.20	0.90	<.03			10			
		Beige to grey to beige pink weakly sericitic ankeritic foliated altered arkose with 1%, 1-2	46025	184.20	185.20	1.00	<.03			5			
		mm fuchsite lenses parallel to foliation at 30-40 deg.	46026	185.20	186.20	1.00	<.03			10			
		200.5-203.8	46027	186.20	187.20	1.00	<.03			15	tr		
		Orange pink light pink and dark green banded sericitic ankeritic albitized chloritic	46028	187.20	188.30	1.10	<.03			10	1		
		deformed drag-folded altered conglomerate, foliation at 30-60 deg, trace to 1%											
		disseminated pyrite and trace chalcopyrite in chloritic beds, 5% quartz-ankerite veining.	46029	199.50	200.50	1.00	<.03				tr		
			46030	200.50	201.60	1.10	<.03			2	1		
		203.8-213.5	46031	201.60	202.70	1.10	<.03			5	1		
		Brown to beige pink and grey ankeritic carbonated weakly sericitic deformed arkose	46032	202.70	203.80	1.10	<.03			5	0.5		
		greywacke to pebbly conglomerate with1-3 cm rounded red and grey quartz clasts in a	46033	203.80	204.80	1.00	<.03						
		felsic altered greywacke matrix, minor traces of pyrite, foliated at 50 deg, 2 mm red											
		jasper grain at 210.0 m, 3-10% quartz-ankerite veining increasing towards lower	46034	212.50	213.50	1.00	<.03			15			
		contact	46035	213.50	214.20	0.70	<.03			15	tr		
		213.5-214.9	46036	214.20	214.90	0.70	<.03			10	tr		
		Orange red albitized deformed conglomerate, moderately foliated at 25-40 deg, trace to	46037	214.90	215.90	1.00	<.03			10			
		1 % finely disseminated pyrite in ground mass, 5% quartz-ankerite veining.											

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		214.0-220.8	46038	219.80	220.80	1.00	<.03			10				
		Rusty brown to beige grey ankeritic carbonated greywacke to pebbly greywacke with	46039	220.80	221.80	1.00	<.03			10	tr			
		0.5-1 mm grey quartz grains, moderately foliated at 50 deg, 5-15% grey quartz veining	46040	221.80	222.90	0.10	<.03			10	tr			
		parallel to foliation, minor traces of pyrite.	46041	222.90	224.00	1.10	<.03			10	tr			
			46042	224.00	225.10	1.10	<.03			10	tr			
220.80	228.20	Brown Carbonate Zone	46043	225.10	226.20	1.10	<.03			10	tr			
		Orange pink grading to brown dark grey orange brown silicified carbonated albitized	46044	226.20	227.20	1.00	<.03			15	tr			
		brecciated to foliated altered carbonate zone with10-15% grey quartz veining, foliated	46045	227.20	228.20	1.00	<.03			10	tr			
		at 40-70 deg but also brecciated with 1-2% blue green chloritic brecciated matrix, trace	46046	228.20	229.20	1.00	<.03			5	tr			
		finely disseminated pyrite mainly in chloritic fractures and breccia matrix.	46047	229.20	230.20	1.00	<.03			10	tr			
			46048	230.20	231.20	1.00	<.03			5				
228.20	235.45	Altered Deformed Conglomerate	46049	231.20	232.20	1.00	<.03			1				
		Grey to pink grey to pink to beige grey ankeritic, weakly sericitic albitized altered	46050	Blank			<.03							
		greywacke to conglomerate, moderately foliated at 60-70 deg, 5-10% quartz-ankerite	46051	232.20	233.20	1.00	<.03			3				
		veining, blue green chloritic fractured at 70-30-10 deg, 25% RQD from 231.1-235.45 m	46052	233.20	234.20	1.00	<.03			2				
		due to chlorite fractures at 10 deg.	46053	234.20	235.20	1.00	<.03			2				
			46054	235.20	236.20	1.00	<.03			3				
235.45	241.80	Deformed Greywacke and Mudstone	46055	236.20	237.20	1.00	<.03			2				
		235.45-241.25	46056	237.20	238.20	1.00	<.03			15				
		Pink albitized ankeritic fine to medium grained arkose siltstones and greywackes,	46057	238.20	239.20	1.00	<.03			10				
		coarser grained below 237.6. moderately foliated at 40-50 deg, 5-10% greenish	46058	239.20	240.20	1.00	<.03			10				
		fragmented white ankerite+-quartz veining parallel to foliation.	46059	240.20	241.20	1.00	<.03			10				
		241.25-241.80	46060	241.20	241.90	0.70	<.03			5	1			
		Light green to light beige well bedded foliated sericitic altered mudstones, sharp upper	46061	241.90	242.90	1.00	<.03			1				
		contact and irregular undulating lower contact with undeformed Timiskaming												
		conglomerates, bedding/foliation at 40-50 deg, 5%, 1-5 mm grey white sugary												
		brecciated boudinaged and drag-folded quartz veining parallel to foliation 0.5-1% fine												
		grained disseminated pyrite in veins and wallrocks. stratigraphic tops are probably												
		down as indicated by the undulating contact with the coarser conglomerates. this the												
		footwall of the deformation zone.												
241.80	334.20	Conglomerate												
		241.8-263.4												
		Light pink red green emerald green and grey ankeritic undeformed clast-supported												
		Timiskaming heterolithic conglomerate with 0.5-10 cm rounded albitized and sericitic												
		altered syenite, quartz porphyry, syenite porphyry, granite clasts, 0.5-5 cm albitized and												
		sericitic altered siltstone, mudstone greywacke and quartz and jasper clasts up to 2 cm,												
		1-3 cm wispy deformed chloritic and fuchsite altered ultramafic to mafic volcanic clasts												
		in a grey green fine to medium grained mafic tuffaceous matrix, up t0 1% irregular												
		fragmented ankerite+_quartz veining.												
		263.4-287.75												
		Light pink to light beige pink weakly ankeritic matrix-supported heterolithic												
		conglomerate with 02-4 cm rounded felsic intrusive sedimentary ultra mafic to mafic												
		volcanic clasts in a medium to coarse grained light pink weakly potassic albitized												
		sericitic ankeritic altered quartz-rich arkose matrix, no jaspers observed, 1-3% cream												
		white fragmented ankerite-quartz veining, trace pyrite in some clasts, trace vuggy												
		specular hematite veining, 1-2 mm thick at 25-30 deg.												

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		287.75-293.0											
		Pink ankeritic altered clast-supported conglomerate with red pink to pink albitized altered syenite clasts and 2%, 1-2 cm emerald green fuchsite altered ultramafic clasts in quartz-rich arkose matrix, weakly foliated at 50-60 deg, one 1.5 cm jasper clast and scattered grey to rose quartz clasts, <1% quartz-ankerite veining.											
		293.0-304.85											
		Light brown pink weakly sericitic albitized matrix-supported heterolithic conglomerate with quartz-rich medium grained arkose matrix, trace jasper clasts up to 2 mm, weakly foliated at 30-40 deg, 2-3% fragmented dismembered ankerite veining parallel to foliation. trace 1-2 mm wide specular hematite veins at 30-50 deg.	46062	304.80	305.80	1.00	<.03			1	tr		
		304.85-309.0	46063	305.80	306.90	1.10	<.03			3	tr		
		Light pink to dark green weakly ankeritic chloritic altered clast-supported heterolithic conglomerate, weakly foliated at 50-60 deg, locally 1-2 mm dark green chlorite veining at 30 deg with trace finely disseminated pyrite and chalcopyrite, 1%, 0.1-1.5 cm grey brecciated quartz veining at 30-40 deg with trace pyrite.	46064	306.90	308.00	1.10	<.03			1	tr		
			46065	308.00	309.00	1.00	<.03			1	tr		
			46066	309.00	310.10	1.10	<.03			1	tr		
			46067	310.10	311.20	1.10	<.03			1	tr		
		309.0-312.3	46068	311.20	312.30	1.10	<.03			1	tr		
		Beige pink weakly sericitic ankeritic matrix-supported conglomerate with jasper clasts, weakly chloritic fractured at 30-40 deg, trace specular hematite veining at 30 deg, <1% grey quartz veining, trace pyrite and chalcopyrite disseminated in chlorite fractures and quartz veining, weakly foliated at 20-30 deg, lower contact at 20 deg.											
		312.3-319.0											
		Beige weakly sericitic ankeritic altered clast-supported conglomerate, weakly foliated at 50 deg, 2-3%, 1-2 cm white fragmented ankerite veining parallel to foliation.											
		319.0-334.2											
		Light beige to beige grey weakly sericitic ankerite altered matrix-supported heterolithic conglomerate with jasper, weakly foliated at 30 deg, trace <1 mm wide specularite-chlorite+-quartz veinlets at 40-50 deg with minor traces of pyrite, 1-2% white lensey fragmented ankerite veining parallel to foliation, sharp lower contact at 50 deg, upper contact broken.											
334.20	343.00	Shear Zone	46069	333.20	334.20	1.00	<.03			5			
		334.2-341.7	46070	Au std #8			4.11						
		Green to beige green weakly sericitic, moderately chloritic altered arkose and pebbly greywacke conglomerate, 5-15%, 0.2-1 cm wide irregular fragmented pulled apart cream white ankerite+-quartz veining parallel to moderate foliation at 45-55 deg, 2%, 1-10 cm wide chloritic breccia veins at 40-60 deg with trace quartz-ankerite veining, trace specularite and trace pyrite, 1%, 1-10 mm wide quartz-ankerite-specularite-chlorite veins at 30-50 deg with trace pyrite and chalcopyrite, sharp upper contact at 30 deg, lower contact broken.	46071	334.20	335.20	1.00	<.03			10	tr		
			46072	335.20	336.30	1.10	<.03			3	tr		
			46073	336.30	337.40	1.10	<.03			15	tr		
			46074	337.40	338.50	1.10	<.03			15	tr		
			46075	338.50	339.60	1.10	<.03			5	tr		
			46076	339.60	340.70	1.10	<.03			10	tr		
			46077	340.70	341.70	1.00	<.03			3	tr		
		341.7-343.0	46078	341.70	343.00	1.30	<.03			3	tr		
		Sericitic fault breccia zone, 5 mm wide sericitic fault gouge at 40 deg at 342.1 m, lower contact marked by chloritic 2 mm fault at 45 deg, 60% recovery, RQD 0%.	46079	343.00	344.00	1.00	<.03			10	tr		
			46080	344.00	345.00	1.00	<.03			5	tr		
			46081	345.00	346.00	1.00	<.03			5	tr		
343.00	373.10	Deformed Altered Arkose and Conglomerate	46082	346.00	347.00	1.00	<.03			5	tr		
		343.0-351.0	46083	347.00	348.00	1.00	<.03			3	tr		
		Beige to beige grey weakly sericitic ankeritic altered quartz-rick arkose and matrix-supported conglomerates, weakly to moderately foliated at 50 deg, 3-10%, 1-10 mm wide cream white fragmented ankerite veining at 30-50 deg, 1-2%, 0.5-10 mm black chlorite-specularite+_quartz+_ankerite veining at 30-50 deg with trace pyrite and chalcopyrite, chlorite veining planar to jagged and drag-folded, no jasper.	46084	348.00	349.00	1.00	<.03			3	tr		
			46085	349.00	350.00	1.00	<.03			3	tr		
			46086	350.00	351.00	1.00	<.03			3	tr		
			46087	351.00	352.00	1.00	<.03			10			

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		351.0-366.0												
		Light beige to light grey ankeritic weakly sericitic altered gritty quartz-rich arkose and												
		pebbly conglomerate-greywacke, weakly foliated at 50-60-75 deg with depth, pebbles												
		are stretched syenite, syenite porphyry, grey white quartz, rose quartz, chert and												
		fuschitic altered ultramafic, no jasper, 3-5%, 1-10 m fragmented stretched ankerite and												
		quartz-ankerite veining parallel to foliation, locally chloritic veining-fracturing with trace												
		pyrite and specularite over widths of 5-30 cm, gradational contacts.												
		366.0-373.1	46088	366.00	367.00	1.00	<.03			5	tr			
		Pink beige grading to brown red at 369.0 m weakly sericitic to weakly sericitic hematitic	46089	367.00	368.00	1.00	<.03			10	tr			
		ankeritic altered gritty quartz-rich arkose and 5-50 cm wide sections of matrix-supported	46090	368.00	369.00	1.00	<.03			10				
		conglomerate with clasts as above, 5-20% increasing towards lower contact, 2-10 mm	46091	369.00	370.10	1.10	<.03			15	0.5			
		wide, irregular fragmented lensey ankerite+-quartz veining parallel to moderate foliation	46092	370.10	371.10	1.00	<.03			10	tr			
		at 70-60 deg with depth, 1%, black chlorite fracturing at 40-70 deg with traces of	46093	371.10	372.10	1.00	<.03			15	tr			
		specular hematite, minor traces of pyrite in altered ground mass and chlorite fractures,	46094	372.10	373.10	1.00	<.03			20	tr			
		sharp lower contact at 70 deg marked by change foliation and rock composition.	46095	373.10	374.10	1.00	<.03			20	tr			
			46096	374.10	375.20	1.10	<.03			30	tr			
			46097	375.20	376.20	1.00	<.03			35				
373.10	401.40	Carbonated Ultramafic	46098	376.20	377.20	1.00	<.03			35				
		373.1-380.2	46099	377.20	378.20	1.00	<.03			30				
		Green to dark green ankeritic altered ultramafic with 25-35%, irregular ankerite-quartz	46100	Blank			<.03							
		stockwork, 5%, 1-10 cm wide light beige tan altered sediment horizons at 60 deg with	46101	378.20	379.20	1.00	<.03			35				
		no veining and ragged irregular pulled-apart contacts with minor traces pyrite to 375.15	46102	379.20	380.20	1.00	<.03			30	0.5			
		m.	46103	380.20	381.60	1.40	<.03			15				
		379.08-380.08	46104	381.60	382.20	0.60	<.03			3	tr			
		Beige grey weakly sericitic altered tuff/sediment band at 70 deg with 1% disseminated	46105	382.20	383.30	1.10	<.03			25				
		pyrite and 10% grey red drag-folded quartz-ankerite veining.	46106	383.30	384.40	1.10	<.03			30				
		380.2-381.7	46107	384.40	385.30	0.90	<.03			15	tr			
		Green grey white and dark green ankeritic moderately foliated/bedded altered	46108	385.30	386.30	1.00	<.03			25	tr			
		ultramafic with 15% fragmented stretched ankerite+-quartz veining parallel to foliation	46109	386.30	387.40	1.10	<.03			30				
		versus network veining above, foliation at 60 deg.	46110	387.40	388.60	1.20	<.03			20				
		381.7-382.1	46111	388.60	389.40	0.80	<.03			20	tr			
		Grey fine grained felsic dyke at 60 deg, weakly ankeritic, <1%, 1-3 mm quartz veining at	46112	389.40	390.20	0.80	<.03			10				
		20-150 deg, trace disseminated pyrite.	46113	390.20	391.20	1.00	<.03			20	tr			
		382.1-391.2	46114	Au std #6			2.74							
		Green black dark green and white talcose chloritic deformed carbonated ultramafic with	46115	391.20	392.20	1.00	<.03							
		20-35% ankerite+_quartz veining network to parallel to foliation at 60-70 deg, intruded	46116	392.20	393.30	1.10	<.03			35	tr			
		by 1% 1-40 cm wide grey to pink to orange pink fine grained felsic syenite dykes at 60	46117	393.30	394.30	1.00	<.03			15	tr			
		deg with trace finely disseminated pyrite and trace specularite in irregular fractures and	46118	394.30	395.10	0.80	<.03			10				
		1-2% grey white quartz-ankerite veining.	46119	395.10	395.90	0.80	<.03			10				
		384.85-385.20	46120	395.90	397.00	1.10	<.03			20	tr			
		Pink grey 0.5-1.5 cm wide, drag-folded boudinaged quartz vein with ankeritic contacts	46121	397.00	398.00	1.00	<.03			25				
		at 10 deg, trace pyrite and chalcopyrite in wallrocks at end of boudins.	46122	398.00	399.00	1.00	<.03			2	0.5			
		388.88-389.28	46123	399.00	400.20	1.20	<.03			20				
		Orange red silicified albitized felsic syenite dyke at 70-40 deg with 0.2-2 cm grey quartz-	46124	400.20	401.40	1.20	<.03			25				
		+ankerite veining at 70-90 deg, 5%, dark black chlorite-specularite fracturing to breccia,	46125	401.40	402.00	0.60	<.03			10	tr			
		trace pyrite in veins fractures and ground mass.	46126	402.00	403.00	1.00	<.03			1	tr			
		390.32-390.33	46127	403.00	404.00	1.00	<.03			2	1			
		Talcose fault gouge at 60 deg.	46128	404.00	405.00	1.00	<.03			2	0.5			

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		391.2-401.4	46129	405.00	406.00	1.00	<.03			2	tr		
		Black dark green and white ankeritic strongly talcose, strongly deformed altered	46130	406.00	407.00	1.00	<.03			1	tr		
		ultramafics with 5-35% ankerite+_quartz stockwork and parallel to foliation at 70-60-40	46131	407.00	408.00	1.00	<.03			1	tr		
		deg, scattered 1 cm thick fault gouges at 40-60 deg, weakly to moderately magnetic,	46132	408.00	409.00	1.00	<.03				tr		
		trace finely disseminated pyrite along foliation planes and vein contacts, trace	46133	409.00	410.00	1.00	<.03				tr		
		specularite and magnetite in quartz+_ankerite veining. at 50-90 deg.	46134	410.00	411.00	1.00	<.03				tr		
		398.15-398.8	46135	411.00	411.80	0.80	<.03				tr		
		Dark maroon red silicified magnetic hematitic altered syenite porphyry with 5%, 1-2 mm	46136	411.80	412.60	0.80	<.03			1	tr		
		grey white oval anhedral feldspar phenocrysts and 10%, 0.5-1 mm square and	46137	412.60	413.20	0.60	<.03			5	1		
		rectangular "feldspar" phenocrysts in an aphanitic syenite matrix, 1% finely	46138	Blank			<.03						
		disseminated pyrite, 2% disseminated specularite, contacts at 60 deg.	46139	413.20	414.20	1.00	<.03			25			
			46140	414.20	415.50	1.30	<.03			20			
401.40	413.20	Syenite Porphyry	46141	415.50	416.70	1.20	<.03			15			
		401.4-402.0	46142	416.70	417.50	0.80	<.03				tr		
		Foliated carbonated ultramafic with 20 cm wide dark maroon hematitic syenite dyke at	46143	417.50	418.30	0.80	<.03			2	tr		
		60 deg with 1% disseminated pyrite, ultramafic foliated at 40-50 deg.	46144	418.30	419.30	1.00	<.03			15			
		402.0-407.0											
		Pink to light grey pink silicified altered syenite porphyry with 5%, 1-2 mm anhedral white											
		feldspar phenocrysts in aphanitic syenite matrix, 1% 0.5-1.5 cm grey quartz veining at											
		15-30 deg and 2%, 1-10 mm white quartz vein at 30-60 deg, weakly chlorite-specularite											
		fractured, 0.5-1% finely disseminated pyrite in ground mass, trace specularite+-											
		magnetite in white quartz veining and massive 1-2 mm veins at 60 deg.											
		407.0-413.2											
		Dark maroon red hematitic, silicified altered syenite porphyry with 2%, 1-2 mm anhedral											
		white feldspar phenocrysts and 3%, 0.5-1 mm square to rectangular feldspar phenos in											
		an aphanitic syenite matrix, irregular wavy lower contact at 70 deg, trace to 1% finely											
		disseminated pyrite, weakly specularite fractured.											
		412.9-413.2											
		Light orange red altered contact zone with 3%, 0.2-1 cm irregular quartz-ankerite veins											
		and lenses with 0.5% disseminated specularite and 1% 1-10 mm silver metallic soft											
		unknown mineral with irregular boundaries.											
413.20	428.40	Carbonated Ultramafic											
		Black dark green and white magnetic strongly talcose carbonated deformed altered											
		ultramafic with 15-20%, 01.-1.5 cm ankerite veining and vein fragments parallel to											
		foliation at 70-80 deg, scattered 1-2 cm wide talcose fault gouges at 70-80 deg.											
		416.7-417.3											
		Maroon purple to orange red syenite porphyry dyke, 3-5 cm wide drag-folded and											
		weaving in and out of core, trace disseminated pyrite, 2-3 cm wide strongly chloritic											
		altered ultramafic wallrocks.											
428.40	430.10	Mafic Syenite	46145	427.30	428.30	1.00	<.03			15			
		Grey to pink grey magnetic fine grained syenite dyke at 30-60 deg with light beige to	46146	428.30	429.40	1.10	<.03			1	tr		
		pink weakly sericitic altered bands, trace disseminated pyrite.	46147	429.40	430.10	0.70	<.03				tr		
			46148	430.10	431.10	1.00	<.03			2			

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
430.10	442.20	Altered Conglomerate	46149	431.10	432.20	1.10	<.03			5	tr		
		430.1-437.0	46150	Blank			<.03						
		Light beige to grey to green weakly sericitic chloritic altered conglomerate to coarse	46151	432.20	433.20	1.00	<.03			5	tr		
		grained pebbly greywacke with 0.1-5 cm rose quartz, altered syenite, mafic intrusive	46152	433.20	434.20	1.00	<.03			3	tr		
		and volcanic clasts in fine to medium grained chloritic magnetic altered greywacke	46153	434.20	435.20	1.00	<.03			5	tr		
		matrix, finer grained with depth, one jasper grain at 435.45 m, 2-5%, 1-10 mm wide	46154	435.20	436.00	0.80	<.03			5	tr		
		white ankerite-quartz veining at 30-90 deg, trace fine to medium grained disseminated	46155	436.00	437.00	1.00	<.03			3	1		
		pyrite, RQD 75%.	46156	437.00	438.20	1.20	<.03			15			
		437.0-439.4	46157	438.20	439.30	1.10	<.03			15			
		Dark green black white magnetic carbonated altered ultramafic with 15% ankerite	46158	439.30	440.20	0.90	<.03			5	1		
		veining parallel to moderate foliation at 40-60 deg.	46159	440.20	441.20	1.00	<.03			1	1		
		439.4-442.2	46160	441.20	442.20	1.00	<.03			2	1		
		Dark grey to orange pink magnetic chloritic altered fine to medium grained greywacke											
		with patchy albite alteration, <1%, 1-1.5 cm wide grey drag-folded dismembered quartz											
		veining at 30 deg, trace to 1% finely disseminated pyrite, trace chalcopyrite.											
		439.9-440.25											
		Ankerite veined altered ultramafic at 30-50 deg.											
		441.0-441.01											
		Chloritic fault gouge at 50 deg.											
442.20	456.10	Fault Zone Carbonated Ultramafics											
		Green and white carbonated talcose deformed ultramafic with 1-10 cm talcose fault											
		gouge at 20-80 deg, 15-50% greenish pinkish white and creamy white irregular											
		fragmented ankerite+-quartz veining parallel to strong foliation at 20-80 deg, upper											
		contact marked by 30 cm wide fault breccia zone with gouge and 10% white quartz											
		fragments, faulting decreases below 446 m.											
		445.05-445.35	46161	445.00	446.00	1.00	<.03			10	tr		
		Purple maroon magnetic hematite altered syenite porphyry dyke at 80 deg with 1%											
		disseminated pyrite.											
		450.0-450.15, 450.9-451.1 and 452.95-453.25	46162	450.00	451.20	1.20	<.03			5	tr		
		Dark brown maroon strongly magnetic calcitic hematite altered mafic syenite dykes at	46163	451.20	452.30	1.10	<.03			10	tr		
		60 deg with 1% disseminated pyrite.	46164	452.30	453.30	1.00	<.03			10	tr		
			46165	453.30	454.00	0.70	<.03			10	tr		
456.10	469.90	Deformed Brecciated Altered Greywacke to Conglomerate	46166	454.00	455.00	1.00	<.03			10			
		Brown grey green and beige strongly magnetic weakly sericitic chloritic ankeritic altered	46167	455.00	456.00	1.00	<.03			20			
		fine to medium grained greywacke to heterolithic matrix-supported conglomerate with	46168	456.00	457.00	1.00	<.03			20	tr		
		depth, brecciated and deformed with 5-10% black fine grained magnetite-chlorite	46169	457.00	458.00	1.00	<.03			10	tr		
		breccia matrix, 3-15%, 0.1-5 cm white porcelain drag-folded and fragmented ankerite-	46170	458.00	459.00	1.00	<.03			1	tr		
		quartz veining at 20-80 deg, weak poorly defined foliation at 40-75 deg, trace	46171	459.00	460.00	1.00	<.03			2			
		disseminated pyrite in breccia matrix and along vein contacts, not your typical	46172	460.00	461.00	1.00	0.21			5	tr		
		sediments.	46173	461.00	462.00	1.00	0.07			2			
			46174	462.00	463.00	1.00	<.03			5	tr		
469.09	471.40	Carbonated Ultramafics	46175	463.00	464.00	1.00	<.03			5	tr		
		Dark green and white chloritic talcose carbonated ultramafic, moderately to strongly	46176	464.00	465.00	1.00	<.03			2	tr		
		deformed at 60 deg, 20% white fragmented ankerite veining parallel to foliation.	46177	465.00	466.00	1.00	<.03			2	tr		
			46178	466.00	467.10	1.10	0.27			5	tr		
471.40	483.20	Deformed Altered Mafic Syenite	46179	467.10	468.00	0.90	0.21			1	0.5		
		Brown dark green black and pink grey strongly magnetic deformed drag-folded altered	46180	468.00	469.00	1.00	<.03			5	tr		
		mafic syenite with 1-5 cm hooks lenses and fragments of fine grained mafic syenite in	46181	469.00	469.90	0.90	<.03			5	tr		
		strongly magnetic biotitic chloritic altered mafic to ultramafic matrix, moderately to	46182	469.90	471.00	1.10	<.03			5	tr		
		strongly foliated at 70-60 deg, fragments are monolithic versus heterolithic clasts at	46183	471.00	472.00	1.00	<.03			25			
		456.2-469.9 m, 5-10 cm wide altered foliated ultramafic intervals.	46184	472.00	473.00	1.00	<.03						

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		472.47-472.73	46185	473.00	474.00	1.00	<.03						
		Pink albitized felsic dyke at 70-50 deg,2% grey white quartz veining, trace pyrite.	46186	474.00	475.00	1.00	<.03						
			46187	475.00	476.00	1.00	<.03						
483.20	486.60	Carbonated Ultramafic Talc Chlorite Schist	46188	476.00	477.00	1.00	<.03						
		Dark green and white magnetic carbonated ultramafic talc chlorite schist with 15-25%	46189	477.00	478.00	1.00	<.03						
		white ankerite+_quartz veining parallel to moderate to strong foliation at 60-70 deg, 1	46190	478.00	479.00	1.00	<.03						
		mm wide talcose fault gouge at 60-70 deg.	46191	479.00	480.00	1.00	<.03						
			46192	480.00	481.00	1.00	<.03						
486.60	519.60	Mafic Syenite and Syenite Porphyry Dykes in Talc Chlorite Schist	46193	481.00	482.10	1.10	<.03						
		486.6-488.05, 488.15-488.4 and 490.25-492.2	46194	482.10	483.20	1.10	<.03						
		Dark maroon red hematitic strongly magnetic massive mafic syenite dykes at 40-60-70											
		deg with 10%, 1-2 mm dark green amphiboles, trace disseminated pyrite 2-20 cm from	46195	486.60	487.60	1.00	<.03				tr		
		contacts.	46196	487.60	488.50	0.90	<.03				tr		
		488.05-488.15, 488.4-490.25 and 492.2-494.65	46197	488.50	489.50	1.00	<.03			15			
		Dark green black magnetic carbonated ultramafic to talc chlorite schist with 15-20%	46198	489.50	490.20	0.70	<.03			15	tr		
		ankerite+-quartz veining parallel to strong foliation at 60-70 deg, 0.1-1.5 cm wide	46199	490.20	491.20	1.00	<.03				tr		
		talcose fault gouge at 60 deg, minor traces of disseminated pyrite.	46200	Au std #7			0.55						
		494.65-496.4	46201	491.20	492.20	1.00	<.03				tr		
		Red pink to orange pink weakly albitized syenite porphyry with 2%, q-2 mm anhedral	46202	492.20	493.40	1.20	<.03						
		grey white feldspar phenocrysts in fine grained syenite matrix, 2%, 1-3 mm wide white	46203	493.40	494.60	1.20	<.03						
		ankerite-quartz veining at 30 deg with trace specularite along vein walls, 1% finely	46204	494.60	495.50	0.90	<.03			2	1		
		disseminated pyrite in syenite ground mass.	46205	495.50	496.40	0.90	<.03			2	1		
		496.4-498.85	46206	496.40	497.40	1.00	<.03			3	0.5		
		Orange pink moderately albitized altered syenite porphyry with 3%, 1-10 cm irregular	46207	497.40	498.40	1.00	0.14			3	0.5		
		grey white quartz veining at 30-40 deg, weakly sericitic fractured at 30 deg, trace	46208	498.40	499.40	1.00	<.03			1			
		specular hematite in veining, 0.5% finely disseminated pyrite in syenite.	46209	499.40	500.50	1.10	<.03			20			
		498.85-499.4	46210	500.50	501.70	1.20	<.03			25	tr		
		Brown pink grey strongly magnetic mafic syenite dyke at 70 deg with 1% disseminated	46211	501.70	502.80	1.10	<.03				tr		
		pyrite.	46212	502.80	503.80	1.00	<.03				0.5		
		499.4-502.8	46213	503.80	504.80	1.00	<.03				0.5		
		Carbonated ultramafic to talc chlorite schist, strongly foliated at 50-70 deg.	46214	504.80	505.70	0.90	<.03				0.5		
		502.8-505.7	46215	505.70	506.70	1.00	<.03			5			
		Pink to grey pink magnetic, very weakly sericitic altered syenite porphyry with grey white	46216	506.70	507.80	1.10	<.03						
		feldspar phenocrysts, finely brecciated by magnetite-specularite fractures, 0.5% finely	46217	507.80	508.80	1.00	<.03						
		disseminated pyrite, contacts at 60 deg.	46218	508.80	510.00	1.20	<.03			40			
		505.7-519.6	46219	510.00	510.60	0.60	<.03				1		
		Dark green black magnetic carbonated ultramafic to talc chlorite schist with 15-20%	46220	Blank			<.03						
		ankerite+-quartz veining parallel to strong foliation at 45-60 deg, 0.1-5 cm wide talcose											
		fault gouge at 50 deg, 1%, 1-2 cm grey quartz+-calcite veining parallel to foliation, minor	46221	514.30	515.30	1.00	<.03			15	tr		
		traces of disseminated pyrite, intruded by mafic syenite dykes.	46222	515.30	516.30	1.00	<.03				tr		
		508.65-508.75	46223	516.30	517.30	1.00	<.03			30			
		Talcose muddy fault gouge at 50 deg.	46224	517.30	518.40	1.10	<.03				0.5		
		510.1-510.55, 514.35-514.50, 515.3-516.35 and 517.4-519.4	46225	518.40	519.60	1.20	<.03				0.5		
		Pink grey to grey to green grey strongly magnetic fine grained massive mafic dykes at	46226	519.60	520.50	0.90	<.03			5	tr		
		35-40-60 deg, dykes are darker and more chloritic and mafic with depth, trace	46227	520.50	521.60	1.10	<.03			20	tr		
		disseminated pyrite.	46228	521.60	522.60	1.00	<.03			3	tr		
		519.4-519.6											
		Green medium grained massive carbonated ultramafic at 40 deg marks end of dyke											
		zone section.											

DESCRIPTION : Hole No. PW10 1													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
519.60	522.60	Magnetic Siltstones											
		Beige pink green to green to dark green strongly magnetic fine grained siltstones massive to weakly bedded at 45-60 deg, 1%, 0.1-1.5 magnetite+_quartz+-ankerite+-specularite veins at 45-60 deg with trace pyrite, 2-3%, 0.1-20 cm wide, white irregular quartz+_calcite veining at 0-60 deg (mainly 45 deg) with disseminated pyrite along contacts in weakly sericitic beige pink altered wallrocks over 5-10 mm.											
522.60	532.25	Greywacke and Siltstones											
		Green to grey green magnetic to weakly magnetic chloritic altered fine to medium grained altered greywacke with 20-60 cm wide strongly magnetic siltstone horizons, massive to weakly bedded at 50-60 deg, 1-3%, 1-10 mm irregular quartz-calcite veining at 30-80 deg.											
532.25	535.55	Monzonite											
		Grey to white grey weakly magnetic unaltered fine to medium grained massive monzonite dykes 10-150 cm wide at 60-30 deg intruding green grey weakly ankeritic chloritic fine grained greywacke, dykes have 3% 1 mm dark green amphiboles and 3% needle/lathe shaped hornblende, unaltered protolith of "mafic syenite" described above, weakly ankeritic.											
535.55	619.90	Greywacke	46229	535.50	536.60	1.10	<.03			5	0.5		
		535.55-546.7	46230	Au std #8			4.05						
		Grey fine grained weakly ankeritic altered fine grained greywacke with 5%, 1-5 cm wide light tan beige fracture controlled sericitic altered bands at 60 deg with trace disseminated pyrite, 3-5% white irregular ankerite-quartz-calcite veining and vein lenses at 30-60 deg, lower contact of interval marked by 25 cm wide monzonite dyke at 60 deg.											
		546.7-593.5											
		Grey fine to medium grained massive unaltered greywacke with 1-5%, 1-5 mm white calcite-quartz and calcite+_quartz veining and wispy lenses at 30-60 deg, scattered minor fracture-controlled pyrite, ankeritic from 585-593.5 m.											
		571.0-571.4	46231	570.90	571.50	0.60	<.03			1	0.5		
		White grey monzonite dyke at 80 deg with 5 cm wide sericitic altered wallrock contacts with 1% finely disseminated pyrite.											
		593.5-599.2											
		Grey to beige ankeritic fine to medium grained massive to weakly bedded greywacke, weakly fracture-controlled sericitic altered bands1-5 cm wide at 35-50 deg, 2-3%, 0.1-1.5 cm wide white ankerite-calcite+-quartz veining at 35-60 deg.											
		599.2-611.8	46232	607.00	608.10	1.10	<.03			10	tr		
		Grey to tan beige weakly chloritic to weakly sericitic ankeritic altered fine to medium grained greywacke with increase in number of sericitic altered bands up to 20 cm wide at 30-45 deg with trace disseminated pyrite, 3-5%, 0.1-10 cm wide ankerite+-quartz+-calcite veining at 30-45 deg.	46233	608.10	609.30	1.20	<.03			5	tr		
		611.8-612.9	46234	611.80	612.90	1.10	<.03			15	tr		
		White lime green beige white carbonated ankerite altered greywacke with 15%, 1-10 mm wide ankerite and ankerite-quartz veining parallel to weak foliation at 50 deg, trace pyrite.											
		612.9-619.9											
		Green to grey chloritic ankeritic fine to medium grained greywacke, massive to weakly bedded at 50 deg, 1-2% ankerite+-calcite veining at 30-60 deg, few scattered rounded quartz and syenite clasts up to 2 cm increasing towards lower contact.											

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
619.90	621.60	Conglomerate												
		Grey green beige ankeritic clast-supported heterolithic conglomerate including jasper, moderately foliated at 50 deg, 3%, 0.1-1.5 cm ankerite veining parallel to foliation.												
621.60	632.60	Greywacke												
		621.6-624.7												
		Grey ankeritic foliated to massive medium grained greywacke to pebbly greywacke with scattered 1-2 cm syenite and mafic volcanic clasts, ankeritic and 1-5 cm wide sericitic altered bands at 30-50 deg with trace pyrite, 3-5% ankerite+-quartz veining parallel to foliation at 30-50 deg.												
		624.7-628.0	46235	624.70	625.80	1.10	<.03			30	tr			
		Grey to tan ankeritic weakly sericitic altered greywacke, massive to bedded at 50 deg, 15-20%, 1-15 cm wide cream white ankerite + grey white quartz veining parallel to foliation at 45-50 deg, trace pyrite.	46236	625.80	626.90	1.10	<.03			20	tr			
			46237	626.90	628.00	1.10	<.03			15	tr			
		628.0-632.6												
		Grey ankeritic fine to medium grained greywacke weakly bedded at 50 deg, 2-3% ankerite-quartz veining at 30-50 deg.												
632.60	641.70	Conglomerate												
		Grey green pink clast-supported to matrix-supported heterolithic conglomerate with quartz jasper syenite and mafic volcanic clasts in a medium grained magnetic mafic clastic greywacke matrix, weakly foliated at 50 deg, 1-2 cm sericitic bands parallel to foliation with trace pyrite.												
641.70	644.00	Greywacke	46238	643.00	644.00	1.00	<.03							
		641.7-644.0	46239	644.00	644.70	0.70	<.03			3	1			
		Grey to beige grey ankeritic medium grained magnetic massive greywacke, very weakly sericitic increasing in intensity with depth.	46240	644.70	645.40	0.70	<.03			10	1			
			46241	645.40	646.40	1.00	<.03			3				
644.00	645.50	Altered Sericitic Greywacke												
		Light tan beige to creamy white moderately sericitic ankeritic medium grained altered greywacke, 3%, 1-10 cm white ankerite light grey quartz veining parallel to weak foliation at 45-50 deg, 1% finely disseminated pyrite, magnetic over lower 10 cm.												
645.50	655.00	Conglomerate												
		Grey green pink magnetic ankeritic clast-supported to matrix supported heterolithic conglomerate with syenite quartz jasper and mafic rounded to stretched clasts in a medium grained magnetic medium grained greywacke matrix, locally weakly sericitic hematitic and chloritic, trace pyrite in sericitic bands, weakly foliated at 50 deg, 1-2%, 1-10 mm ankerite+ quartz veining at 50-60 deg.												
655.00	658.10	Greywacke												
		Grey medium grained ankeritic magnetic greywacke to pebbly greywacke, massive to weakly foliated at 50 deg, 1% ankerite-quartz-calcite veining.												
658.10	663.70	Conglomerate												
		658.1-663.7												
		Grey pink magnetic ankeritic matrix-supported heterolithic conglomerate, weakly foliated at 50 deg. magnetic matrix, <1% ankerite-quartz veining.												

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
663.70	678.30	Altered Sericitic Conglomerate	46242	663.70	664.70	1.00	<.03			2	tr			
		663.7-676.7	46243	664.70	665.70	1.00	<.03			3	tr			
		Yellow beige to light pink beige ankeritic moderately sericitic altered clast to matrix-	46244	665.70	666.70	1.00	<.03			2	tr			
		supported heterolithic conglomerate, weakly foliated at 50 deg, 2-15%, cream ankerite+	46245	666.70	667.70	1.00	<.03			1	tr			
		grey quartz veining, trace to 1% finely disseminated pyrite, chloritic to fuschitic altered	46246	667.70	668.70	1.00	<.03			10	0.5			
		mafic clasts.	46247	668.70	669.70	1.00	<.03			8	1			
		676.7-678.3	46248	669.70	670.70	1.00	<.03			5	0.5			
		Grey pink red and beige weakly magnetic ankeritic weakly sericitic hematitic heterolithic	46249	670.70	671.70	1.00	<.03			2	tr			
		clast-supported conglomerates, 3-5% creamy white irregular fragmented ankerite	46250	Au std #6			2.67							
		veining parallel to moderate foliation at 50 deg, minor traces of disseminated pyrite.	46251	671.70	672.70	1.00	<.03			1				
			46252	672.70	673.70	1.00	<.03			3	tr			
			46253	673.70	674.70	1.00	<.03			1				
678.30	683.00	Greywacke	46254	674.70	675.70	1.00	<.03			3	tr			
		678.3-683.0	46255	675.70	676.70	1.00	<.03			1	tr			
		Brown beige to beige pink medium grained ankeritic, weakly sericitic hematitic altered	46256	676.70	677.80	1.10	<.03			3				
		gritty greywacke, 3-5% irregular fragmented ankerite veining parallel to moderate	46257	677.80	678.90	1.10	<.03			5				
		foliation at 50 deg, weakly magnetic, trace pyrite, gradational contacts.	46258	678.90	680.00	1.10	<.03			3				
			46259	680.00	681.00	1.00	<.03			5				
683.00	691.00	Altered Sericitic Greywacke	46260	681.00	682.00	1.00	<.03			2				
		Red grey to grey medium grained ankeritic weakly hematitic altered greywacke to	46261	682.00	683.00	1.00	<.03			1				
		pebbly greywacke moderately magnetic with trace pyrite, massive to bedded at 35-40												
		deg, <1% irregular ankerite+-quartz veining, locally weakly hematitic fractured.												
691.00	695.00	Conglomerate												
		Grey green grey and pink grey ankeritic clast-supported heterolithic magnetic												
		conglomerate, very weakly foliated at 45-50 deg.												
695.00	746.40	Greywacke												
		695.0-711.0												
		Grey green grey magnetic ankeritic weakly chloritic medium grained greywacke to												
		pebbly greywacke, massive to weakly foliated/bedded at 35-40 deg.												
		711.0-723.7												
		Grey to green grey ankeritic nonmagnetic fine to medium grained greywacke, massive												
		to bedded at 30-35 deg, 2%, 1-10 mm wide irregular ankerite+-quartz veining at 20-50												
		deg, minor beige sericitic altered vein wallrocks.												
		723.7-725.3												
		Light beige weakly ankeritic sericitic altered massive greywacke.												
		725.3-746.4												
		Grey to grey green magnetic chloritic ankeritic altered greywacke to pebbly greywacke												
		over widths of 20-150 cm, massive to weakly foliated at 30-40 deg, <15, 1-10 mm												
		irregular wavy ankerite+-quartz veining at 30-60 deg.												
746.40	752.40	Conglomerate												
		Green grey magnetic chloritic altered heterolithic matrix supported conglomerate with												
		green to pink, 0.2-5 cm weakly stretched mafic to felsic clasts in a mafic gritty magnetic												
		greywacke matrix.												
752.40	761.00	Greywacke												
		Grey weakly ankeritic chloritic medium grained greywacke to pebbly greywacke,												
		massive to weakly foliated at 30-50 deg, 1-2%, 1-10 mm ankerite+-quartz veining at 30-												
		50 deg, gradational lower contact.												

DESCRIPTION : Hole No. PW10 1														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au g/t	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
761.00	800.20	Sericitic Altered Greywacke and Conglomerate												
		761-764.1												
		Light yellow beige moderately sericitic altered gritty massive greywacke, ground lower contact, < 1% ankerite veining.												
		764.1-769.3	46262	764.10	765.20	1.10	<.03			15				
		Beige ankeritic sericitic altered greywacke to pebbly greywacke, massive to weakly foliated at 45-50 deg towards lower contact, two generations of 1-10 mm wide wavy ankerite+-grey quartz vein stockwork at 0-80 deg, trace to 1% pyrite towards lower contact at 50 deg.	46263	765.20	766.20	1.00	<.03			10				
			46264	766.20	767.30	1.10	<.03			5				
			46265	767.30	768.10	0.80	<.03			3	tr			
			46266	768.10	769.30	1.20	<.03			10	1			
		769.3-770.0	46267	769.30	770.00	0.70	<.03			5	tr			
		Beige pink ankeritic sericitic altered clast-supported conglomerate, weakly foliated at 40 deg, 5% ankerite veining, trace pyrite.	46268	770.00	771.10	1.10	<.03			2				
			46269	771.10	772.30	1.20	<.03			3				
		770.0-773.5	46270	Blank			<.03							
		Beige yellow sericitic ankeritic greywacke to pebbly greywacke with 3-5% irregular ankerite veining, trace pyrite, weakly foliated at 40-50 deg.	46271	772.30	773.50	1.20	<.03			2				
		773.5-790.5												
		Light yellow beige to pink beige weakly sericitic ankeritic gritty quartz-rich arkose to greywacke to pebbly greywacke, 1-5%, 0.1-3 cm cream white ankerite +- light grey quartz veining at 30-80 deg												
		790.5-800.2												
		Light yellow beige weakly sericitic ankeritic altered gritty quartz-rich greywacke to arkose, 5-15%. Irregular 1-10 mm wide ankerite+-quartz vein stock work to veins at 20-80 deg, no sulphides.												
	800.20	EOH												
		Casing left in hole and capped												

PROPERTY: Pawnee			HOLE NUMBER: PW10_2					
Province:	Ontario	**DATE LOGGED:** Jan 16-23, 2010	**Grid E**	24+00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**	9+00	Spotted	0	355	-57.0
Started:	15-Jan-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577169	REFLEX	30	355.6	-56.9
Completed:	22-Jan-10	**UNITS:** Metres	**UTM N:**	5331990		81	354.8	-56.3
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	350		141	351.1	-54.7
			Length:	698.7		201	350.7	-53.4
						261	350.0	-52.5
PURPOSE:	To test MMI, IP and magnetic anomalies					321	349.7	-51.7
						420	349.9	-50.3
COMMENTS:	Sample # 46272-46532, 251 half core samples, 5 blank and 5 gold standard samples were assayed for					489	349.6	-49.2
	Au g/t by Polymet Labs., RQD >75% unless noted.					540	349.5	-47.9
						600	349.7	-47.1

SUMMARY LOG: PW10_2			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		**Zone**
0.00	**17.20**	OVB						
17.20	**67.80**	Chloritic Greywacke						
67.80	**74.10**	Altered Greywacke						
74.10	**88.90**	Basaltic Komatiite						
88.90	**101.00**	Carbonate Zone	96.0	99.0	3.0	0.3		
101.00	**152.45**	Deformed Altered Sediments						
152.45	**155.50**	Carbonated Ultramafics						
155.50	**168.30**	Chloritic Altered Siltstones						
168.30	**170.70**	Carbonated Deformed Conglomerates						
170.70	**178.70**	Chloritic Altered Siltstone						
178.70	**183.20**	Altered Deformed Conglomerate and Greywacke						
183.20	**192.10**	Quartz Carbonate Vein Zone						
192.10	**199.90**	Carbonate Zone and Altered Sericitic Sediments						
199.90	**207.00**	Deformed Altered Greywacke						
207.00	**210.10**	Green Carbonate and Altered Greywacke						
210.10	**217.05**	Deformed Altered Conglomerates						
217.05	**252.30**	Deformed Altered Greywacke						
252.30	**258.50**	Deformed Carbonated Altered Conglomerate						
258.50	**270.50**	Deformed Altered Conglomerate						
270.50	**289.90**	Carbonate Zone and Altered Deformed Conglomerates						
289.90	**317.00**	Deformed Altered Conglomerate						
317.00	**322.70**	Conglomerate						
322.70	**332.00**	Altered Greywacke to Pebbly Greywacke						
332.00	**344.00**	Altered Sericitic Greywacke						
344.00	**353.60**	Altered Sericitic Pebbly Greywacke to Conglomerate						

SUMMARY LOG: PW10_2			ASSAY SUMMARY					
353.60	363.70	Conglomerate						
363.70	374.90	Deformed Chloritic Altered Conglomerates						
374.90	384.40	Green Carbonate Zone						
384.40	397.40	Deformed Altered Conglomerate						
397.40	407.25	Chloritic Altered Greywacke						
407.25	424.20	Sericitic Altered Conglomerate and Greywacke						
424.20	438.30	Chloritic Greywacke						
438.30	459.70	Chloritic Conglomerate and Greywacke						
459.70	470.70	Conglomerate						
470.70	489.50	Greywacke						
489.50	501.10	Conglomerate						
501.10	513.80	Greywacke and conglomerate						
513.80	521.70	Hematitic Altered Greywacke to Pebbly Greywacke						
521.70	555.80	Sericitic Altered Greywacke						
555.80	579.05	Conglomerate and Greywacke						
579.05	599.10	Carbonated Ultramafic with Fault Zones						
599.10	633.20	Chloritic Siltstones and Greywackes						
633.20	648.70	Conglomerate						
648.70	654.50	Sericitic Pyritic Altered Conglomerate						
654.50	665.85	Chloritic Greywacke and Conglomerate						
665.85	668.90	Trachyte Tuff						
668.90	677.50	Chloritic Greywacke and Conglomerate						
677.50	687.40	Chloritic Greywacke						
687.40	698.70	Chloritic Greywacke and Conglomerate						
	698.70	EOH						

DESCRIPTION : Hole No. PW10_2															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)				
0.00	17.20	OVB													
		Casing driven to 18 m.													
17.20	67.80	Chloritic Greywacke													
		17.2-25.7													
		Grey green ankeritic chloritic altered greywacke, fractured at 15-40 deg.													
		25.7-29.0													
		Grey green and light beige creamy white banded ankeritic chloritic and sericitic altered													
		weakly foliated greywacke with 0.1-2.0 cm white to light beige ankeritic sericitic band													
		parallel to foliation at 30-45 deg, 3-5%, 1-10 mm ankerite-+-quartz veining in altered													
		bands, minor traces of pyrite.													
		29.0-29.9													
		Fault zone broken core 50% recovery, signs of fault gouge at 20-30 deg.													
		29.9-38.9													
		Green grey ankeritic fine grained greywacke with fractured-controlled 0.1-3 cm wide													
		cream to pink beige ankeritic-sericitic altered bands at 30 deg,													
		38.9-41.5	46272	38.90	39.90	1.00	<.03			50	tr				
		Light yellow cream white to grey green ankeritic chloritic sericitic altered greywacke, two	46273	39.90	40.90	1.00	<.03			10	1				
		20-30 cm wide ankerite veins at 40 deg in upper 1 m, lower part moderately foliated at	46274	40.90	41.50	0.60	<.03			5	1				
		50 deg, lower contact marked by 10 cm fault gouge at 20 deg, trace to 0.5% finely													
		disseminated pyrite.													
		41.5-64.3													
		Grey to grey green weakly magnetic ankeritic chlorite altered greywacke, massive to													
		weakly foliated at 50 deg, 1-3%, 0.1-2 cm wide, white pink cream quartz-ankerite+-													
		sericite veining at 20-80 deg, locally 35-110 cm wide black white weakly magnetic													
		carbonated ultramafic dykes at 60-90 deg, more chloritic towards lower contact.													
		64.3-67.8													
		Dark green to black green strongly chloritic ankeritic altered greywacke with 5-10% 1													
		mm disseminated square white ankerite-quartz crystals, massive to weakly foliated at 60													
		deg, weakly pink beige sericitic hematitic altered increasing towards lower contact.													
67.80	74.10	Altered Greywacke	46275	67.80	69.00	1.20	<.03			3	1	80%rec			
		Grey green pink and beige banded ankeritic moderately foliated altered greywacke to	46276	69.00	70.00	1.00	<.03			5	tr				
		arkose with 40-60%, 0.1-2.5 pink orange pink bright to tan sericitic-potassic albitized	46277	70.00	71.00	1.00	<.03			3	tr				
		altered bands parallel to moderate foliation at 80-60-70 deg, 1-3%, 1-10 mm wide	46278	71.00	72.00	1.00	<.03			2	tr				
		ankerite-+-quartz veining parallel to foliation, trace to 1% disseminated pyrite.	46279	72.00	73.00	1.00	<.03			10	0.5				
			46280	73.00	74.10	1.10	<.03			10	1				
74.10	87.90	Basaltic Komatiite	46281	74.10	75.00	0.90	<.03			10					
		74.1-79.3													
		Dark green and pink white foliated ankeritic carbonated basaltic komatiite with white-													
		green mottled texture, 5-10%, pink white ankerite +-quartz veining parallel to moderate													
		foliation at 40 to 70 deg with depth, trace disseminated pyrite.													
		79.3-82.7													
		Dark green to black green ankeritic carbonated basaltic komatiite with white mottled													
		texture, more massive than above, 1-3%, 1-10 mm wide white-pink ankerite-quartz													
		veining at 30-70 deg.													

DESCRIPTION : Hole No. PW10 2														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		82.7-88.9												
		Dark green to pink white ankeritic foliated basaltic komatiite with 3-20%, 1-10 mm pink white ankerite+-quartz veining parallel to weak to moderate foliation at 60 deg, <1%, 0.5-1.5 cm wide drag-folded rose quartz-ankerite veining with trace pyrite along vein contacts, gradational lower contact.												
88.90	**101.00**	Carbonate Zone	46282	88.90	89.50	0.60	<.03			3				
		88.9-90.4	46283	89.50	90.40	0.90	<.03			5				
		Grey green ankeritic carbonated basaltic komatiite with 40%, 10-20 cm wide orange pink albitized sericitic intensely carbonated bands, moderately foliated at 50 deg, 5% 2-10 mm wide cream ankerite veining parallel to foliation.	46284	90.40	91.30	0.90	<.03			5				
			46285	91.30	92.20	0.90	<.03			10	tr			
			46286	92.20	93.10	0.90	<.03			5				
		90.4-97.9	46287	93.10	94.00	0.90	<.03			10				
		Pink orange pink to light lime beige ankeritic sericitic weakly albitized carbonated altered komatiites, 5-20% 1-10 mm irregular ankerite veining parallel to moderate foliation at 60-70 deg, trace disseminated pyrite.	46288	94.00	95.00	1.00	<.03			15				
			46289	95.00	96.00	1.00	<.03			10				
			46290	96.00	97.00	1.00	0.27			3				
		97.9-101.0	46291	97.00	97.90	0.90	0.14			15	tr			
		Pink brown to orange pink silicified albitized sericitic carbonate altered komatiite with 5-15%, ankerite veining parallel to moderate foliation at 30-40-50 deg, 1%, 0.5-1.5 cm wide drag-folded later ankerite+-quartz veining, trace pyrite, trace emerald green 1 mm wide fuchsite altered lenses.	46292	97.90	99.00	1.10	0.34			15				
			46293	99.00	100.00	1.00	<.03			15				
			46294	100.00	101.00	1.00	0.14			3	0.5			
			46295	101.00	102.10	1.10	<.03			10				
			46296	102.10	103.20	1.10	<.03			10				
101.00	**152.45**	Deformed Altered Sediments	46297	103.20	104.30	1.10	<.03			10				
		101.0-104.3	46298	104.30	105.20	0.90	<.03			10				
		Orange pink to brown beige albitized sericitic altered quartz-rich arkose with 5%, 0.5- 1 mm quartz grains in altered sericitic felsic matrix and 10-15%, ankerite veining parallel to moderate foliation at 50 deg, trace pyrite, gradational lower contact, broken upper contact.	46299	105.20	106.10	0.90	<.03			5				
			46300	Au std # 7			0.62							
			46301	106.10	107.00	0.90	<.03			5				
			46302	107.00	108.00	1.00	<.03			5				
		104.3-112.0	46303	108.00	109.00	1.00	<.03			5				
		Orange pink to pink beige and green ankeritic sericitic chloritic and weakly albitized deformed altered arkose to greywacke, 5-15%, fragmented stretched ankerite+-quartz veining parallel to moderate foliation at 40-60 deg, trace pyrite.	46304	109.00	110.00	1.00	<.03			5				
			46305	110.00	111.00	1.00	<.03			5				
			46306	111.00	112.00	1.00	<.03			10				
		112.0-116.8	46307	112.00	113.00	1.00	<.03			15				
		Brown beige to orange beige ankeritic sericitic albitized deformed altered arkose to greywacke, 5-20% ankerite-+quartz veining parallel to moderate foliation at 40-50 deg, veining locally drag-folded with axial planes at 30 deg, trace pyrite.	46308	113.00	114.00	1.00	<.03			10				
			46309	114.00	115.00	1.00	<.03			10	tr			
			46310	115.00	116.00	1.00	<.03			5	tr			
		116.8-119.0	46311	116.00	116.80	0.80	<.03			10	tr			
		Beige pink lime green to tan white ankeritic sericitic deformed altered conglomerate with stretched pink and white felsic intrusive clasts, 5-15% ankerite+-quartz veining parallel to moderate foliation at 50 deg, trace pyrite, weakly chloritic fractured.	46312	116.80	118.00	1.20	<.03			15	tr			
			46313	118.00	119.00	1.00	<.03			5				
			46314	119.00	120.00	1.00	<.03			10	1			
		119.0-122.0	46315	120.00	121.00	1.00	<.03			15	2			
		Beige pink ankeritic sericitic altered heterolithic clast-supported conglomerate interbedded with fine grained sericitic altered greywacke, chloritic fractured to brecciated at 30-40 deg, 15-20%, 0.1-1.5 cm brecciated boudinaged grey quartz-white ankerite veining with green black chloritic contacts parallel to moderate foliation at 30-40 deg, one 1-2 cm green chlorite-quartz-ankerite breccia vein at 150 deg withy 1% disseminated pyrite, 1-2% finely disseminated pyrite in chloritic fractures, quartz veining and sericitic altered ground mass, 1% early, 1-2 cm wide irregular chloritic fractured white ankerite veining at 40-50 deg with no sulphides except in chloritic fractures..	46316	121.00	122.00	1.00	<.03			15	2			
			46317	122.00	123.00	1.00	<.03			1	tr			
			46318	123.00	124.00	1.00	<.03			2	0.5			
			46319	124.00	125.10	1.10	<.03			1	tr			
			46320	125.10	126.30	1.20	<.03			3	tr			
			46321	126.30	127.40	1.10	<.03			2				
			46322	127.40	128.40	1.00	<.03			1				
			46323	128.40	129.30	0.90	<.03			1				
			46324	129.30	130.20	0.90	<.03			2				

DESCRIPTION : Hole No. PW10_2													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		122.0-133.4	46325	Blank			<.03						
		Light beige to pink beige to pink red ankeritic sericitic weakly hematitic altered	46326	130.20	131.10	0.90	<.03			2			
		conglomerates and arkoses and greywackes, weakly to moderately deformed at 30-50	46327	131.10	132.30	1.20	<.03			3			
		deg, weakly green black chloritic fractured to brecciated, 1-2% 0.1-1.5 white ankerite	46328	132.30	133.40	1.10	<.03			3			
		veining, trace fuchsite altered lenses, trace to 0.5% disseminated pyrite.	46329	133.40	134.20	0.80	<.03			20	tr		
		128.63-128.71	46330	134.20	135.20	1.00	<.03			20			
		Light grey ankerite fractured quartz vein at 80-30 deg with 1% finely disseminated pyrite.	46331	135.20	136.10	0.90	<.03			3			
			46332	136.10	137.10	1.00	<.03			1			
		133.4-138.1	46333	137.10	138.10	1.00	<.03			1			
		Beige grey to pink grey ankeritic weakly chloritic sericitic hematitic altered deformed	46334	138.10	139.00	0.90	<.03			5	tr		
		conglomerates and greywackes, 1-2%, ankerite+-quartz veining parallel to weak to	46335	139.00	139.80	0.80	<.03			5	tr		
		moderate foliation at 50-60 deg, locally drag-folded.	46336	139.80	141.10	1.30	<.03			3			
		138.1-139.8	46337	141.10	142.30	1.20	<.03			2			
		Orange red pink grey green weakly silicified albitized chloritic sericitic conglomerates,	46338	142.30	143.50	1.20	<.03			2	tr		
		increase in deformation and drag-folding, 5% ankerite-quartz veining parallel to foliation	46339	143.50	144.50	1.00	<.03			5	tr		
		at 30 deg, 0.5% finely disseminated pyrite along vein contacts.	46340	144.50	145.50	1.00	<.03			5	tr		
		139.8-143.5	46341	145.50	146.50	1.00	<.03			5	tr		
		Beige grey to pink grey ankeritic weakly chloritic sericitic hematitic altered deformed	46342	146.50	147.50	1.00	<.03			3			
		conglomerates and pebbly greywackes, 1-2%, ankerite+-quartz veining parallel to weak	46343	147.50	148.50	1.00	<.03			1			
		to moderate foliation at 30-60 deg, locally drag-folded.	46344	148.50	149.50	1.00	<.03			5			
		143.5-152.45	46345	149.50	150.50	1.00	<.03			3			
		Pink grey light beige to light brown sericitic weakly ankeritic altered deformed	46346	150.50	151.50	1.00	<.03			5	tr		
		conglomerates to greywacke, moderate foliation at 50 60 deg, moderately drag-folded	46347	151.50	152.50	1.00	<.03			10	1		
		with donut closures and axial fold planes at 55 deg, 3-5%, 0.1-2.5 cm wide drag-folded	46348	152.50	153.50	1.00	<.03			75	1		
		ankerite+-quarts veining parallel to foliation trace to 0.5% finely disseminated pyrite.	46349	153.50	154.50	1.00	<.03			75	0.5		
			46350	Au std # 6			2.74						
152.45	155.50	Carbonated Ultramafics	46351	154.50	155.50	1.00	<.03			65	0.5		
		Dark green and white moderately deformed and drag-folded ultramafic with 65-75%	46352	155.50	156.50	1.00	<.03			10			
		ankerite + 3% quartz veining parallel to foliation at 60-70 deg, 0.5-1% disseminated											
		pyrite along vein contacts.											
155.50	168.30	Chloritic Altered Siltstones											
		Green fine grained ankeritic chloritic altered fine grained siltstones, weakly foliated at 60-											
		70 deg, <2%, 2-10 cm wide light beige to white sericitic altered bands at 60-70, deg, 3-											
		5%, 0.1-2.5 cm wide irregular fragmented occasionally drag-folded ankerite and											
		ankerite+-quartz veining parallel to foliation, trace pyrite along vein contacts.											
			46353	167.30	168.20	0.90	<.03			15			
168.30	170.70	Carbonated Deformed Conglomerates	46354	168.20	169.20	1.00	<.03			20			
		Dark green lime green white pink beige and orange pink, chloritic to ankeritic to sericitic	46355	169.20	169.90	0.70	<.03			25	tr		
		to weakly albitized towards lower contact altered deformed conglomerates, moderately	46356	169.90	170.70	0.80	<.03			25	tr		
		foliated at 70 deg, 15-25% cream white 0.1-1.5 cm wide ankerite+-quartz veining parallel	46357	170.70	171.70	1.00	<.03			15			
		to foliation, trace to 0.5% disseminated pyrite.											
			46358	178.70	179.70	1.00	<.03			8			
170.70	178.70	Chloritic Altered Siltstone	46359	179.70	180.60	0.90	<.03			10			
		Green chloritic fine grained ankeritic chloritic altered siltstone weakly foliated at 50-60	46360	180.60	181.90	1.30	<.03			3			
		deg, 3-5%, 1-10 mm wide, weakly kink folded ankerite+-chlorite+-quartz veining.	46361	181.90	183.20	1.30	<.03			3			
			46362	183.20	184.00	0.80	<.03			15	0.5		

DESCRIPTION : Hole No. PW10_2														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
178.70	183.20	Altered Deformed Conglomerate and Greywacke	46363	184.00	184.70	0.70	<.03			20	tr		
		Dark green light lime green white, pink beige ankeritic chloritic sericitic altered deformed conglomerates and greywackes, more sericitic with depth, 5-10%, ankerite-quartz veining parallel to moderate foliation at 60-50-40 deg, 3%, 20-40 cm wide chloritic fractured to finely brecciated carbonated ultramafic dykes at 20-30 deg with trace pyrite.	46364	184.70	185.80	1.10	<.03			20	1		
			46365	Blank			<.03						
			46366	185.80	186.90	1.10	<.03			20	1		
			46367	186.90	188.00	1.10	<.03			25	2		
			46368	188.00	189.20	1.20	<.03			35	1		
			46369	189.20	190.00	0.80	<.03			10	0.5		
183.20	192.10	Quartz Carbonate Vein Zone	46370	190.00	191.00	1.00	<.03			25	2		
		Light tan beige light beige grey lime green and dark green silicified sericitic brecciated altered greywacke with 10-15% cream white ankerite+-quartz veining kink-folded and parallel to strong deformation at 0-50-70 deg, 2-3%, 0.2-10 cm wide drag-folded white quartz+-ankerite veining at 20-80 deg, 15-20%, 10-50 cm wide chloritic fractured ultramafic breccia veins at 20-30-50 deg with 10-15% ankerite-quartz vein fragments, 3-5%, 0.1-2.5 cm dark green chlorite+-quartz-ankerite veins at 30-80 deg, trace to 1% finely disseminated pyrite in sericitic ground mass along vein contact 1-2 mm stringers and along chloritic fractures, minor traces of chalcopyrite, sharp upper contact at 60 deg, lower contact irregular.	46371	191.00	192.10	1.10	<.03			25	1		
			46372	192.10	193.10	1.00	<.03			2			
			46373	193.10	194.10	1.00	<.03			5	tr		
			46374	194.10	195.10	1.00	<.03			5	tr		
			46375	195.10	196.10	1.00	<.03			5	tr		
			46376	196.10	197.10	1.00	<.03			10	tr		
			46377	197.10	198.10	1.00	<.03			10	1		
			46378	198.10	198.90	0.80	<.03			10	1		
			46379	198.90	199.90	1.00	<.03			20	tr		
			46380	199.90	201.00	1.10	<.03			5	tr	80% rec	
192.10	199.90	Carbonate Zone and Altered Sericitic Sediments	46381	201.00	202.00	1.00	<.03			10	1		
		Light lime white beige grey green pink and beige sericitic altered greywacke and conglomerate with 5-10% grey finely brecciated quartz-ankerite veining parallel moderately foliation at 70-50 deg, intruded by 40%, 5-100 cm wide chloritic fractured to brecciated ankerite-quartz veined ultramafic breccia veins at 20-50 deg, trace to 1% finely disseminated pyrite in altered sediments and along chlorite fractures, similar to above unit but less veining and pyrite.	46382	202.00	203.00	1.00	<.03			20	1		
			46383	203.00	204.00	1.00	<.03			20	1		
			46384	204.00	205.00	1.00	<.03			10	tr		
			46385	Au std # 7			0.62						
			46386	205.00	206.00	1.00	<.03			5	tr		
			46387	206.00	207.00	1.00	<.03			5	tr		
			46388	207.00	208.00	1.00	<.03			40	tr		
199.90	207.00	Deformed Altered Greywacke	46389	208.00	209.00	1.00	<.03			25	tr		
		199.9-204.0	46390	209.00	210.10	1.10	<.03			25	1		
		Grey pink to dark grey ankeritic weakly sericitic strongly deformed fine to medium grained gritty greywacke to pebbly greywacke, 10-20%, 1-10 mm wide drag-folded quartz-ankerite veining parallel to strong drag-folded deformation at 0-50 deg, trace to 1% finely disseminated pyrite.	46391	210.10	211.10	1.00	<.03			3			
			46392	211.10	212.10	1.00	<.03						
			46393	212.10	213.10	1.00	<.03						
			46394	213.10	214.10	1.00	<.03						
		204.0-207.0	46395	214.10	215.10	1.00	<.03						
		Light lime green yellow beige to pink grey sericitic ankeritic weakly fuschitic altered quartz-rich arkose and conglomerates with 5-10% quartz-ankerite veining parallel to moderate foliation at 50 deg, trace jasper, trace disseminated pyrite.	46396	215.10	216.10	1.00	<.03						
			46397	216.10	217.10	1.00	<.03						
			46398	217.10	218.00	0.90	<.03			3	tr		
			46399	218.00	219.00	1.00	<.03			10	0.5		
207.00	210.10	Green Carbonate and Altered Greywacke	46400	219.00	220.00	1.00	<.03			5	tr		
		Lime green dark green and emerald green fuschitic chloritic sericitic altered ultramafics and greywackes with 40-60%, 0.1-1.5 cm wide fragmented ankerite+-quartz veining parallel to moderate to strong foliation at 50-60 deg, trace to 1% disseminated pyrite mainly in ultramafics.	46401	220.00	221.00	1.00	<.03			3	0.5		
			46402	221.00	222.00	1.00	<.03			10	1		
			46403	222.00	223.00	1.00	<.03			3			
			46404	223.00	224.00	1.00	<.03			10	0.5		
			46405	224.00	225.00	1.00	<.03			3			
210.10	217.05	Deformed Altered Conglomerates	46406	225.00	226.00	1.00	<.03			5	0.5		
		Pink beige green and grey ankeritic sericitic weakly albitized deformed altered conglomerates, moderately foliated at 50-60 deg, <1% ankerite-quartz veining.	46407	226.00	227.00	1.00	<.03			10	0.5		
			46408	227.00	228.00	1.00	<.03			10			
			46409	228.00	229.00	1.00	<.03			10	tr		

DESCRIPTION : Hole No. PW10 2														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
217.05	252.30	Deformed Altered Greywacke	46410	229.00	230.00	1.00	<.03			5	tr			
		217.05-251.3	46411	230.00	231.00	1.00	<.03			5				
		Beige to pink beige ankeritic sericitic weakly chloritic altered deformed quartz-rich	46412	231.00	232.00	1.00	<.03			5				
		greywacke to pebbly greywacke with 5-10% cream to light grey fragmented ankerite-	46413	232.00	233.00	1.00	<.03			10				
		quartz veining parallel to moderate foliation at 50-60 deg, locally drag-folded with fold	46414	233.00	234.00	1.00	<.03			3				
		axis at 50 deg, trace to 0.5% finely disseminated pyrite in ground mass.	46415	234.00	235.00	1.00	<.03			10				
		251.3-252.3	46416	235.00	236.00	1.00	<.03			10				
		Green to beige green ankeritic chloritic medium grained greywacke with 5%, 0.1-1.5	46417	236.00	237.00	1.00	<.03			5				
		cream white boudinaged ankerite+-quartz veining parallel to moderate foliation at 50-60	46418	237.00	238.00	1.00	<.03			5				
		deg.	46419	238.00	239.00	1.00	<.03			5				
			46420	239.00	240.00	1.00	<.03			10				
252.30	258.50	Deformed Carbonated Altered Conglomerate	46421	240.00	241.00	1.00	<.03			5				
		252.3-256.15	46422	241.00	242.00	1.00	<.03			10				
		Beige pink green ankeritic sericitic altered deformed weakly drag-folded conglomerate	46423	242.00	243.00	1.00	<.03			10	tr			
		with 3-5%, 1-0 cream to light grey ankerite-quartz veining parallel to moderate foliation at	46424	243.00	244.00	1.00	<.03			3				
		40-50 deg, 3%, 1-2 mm dark green chloritic veining parallel to foliation.	46425	244.00	245.00	1.00	<.03							
		256.15-258.5	46426	245.00	246.00	1.00	<.03			5				
		Light tan pink beige ankeritic deformed drag-folded altered greywacke to pebbly	46427	246.00	247.00	1.00	<.03							
		greywacke with 10-15%, 1-10 mm wide drag-folded ankerite+-quartz veining parallel to	46428	247.00	248.00	1.00	<.03			10				
		moderate foliation at 20-40 deg, lower contact marks the end of anomalous ankerite	46429	248.00	249.10	1.10	<.03			10				
		veining, sericite alteration also decrease	46430	Blank			<.03							
			46431	249.10	250.20	1.10	<.03			10				
258.50	270.50	Deformed Altered Conglomerate	46432	250.20	251.30	1.10	<.03			10				
		Green pink beige ankeritic weakly sericitic chloritic drag-folded deformed altered	46433	251.30	252.30	1.00	<.03			5				
		conglomerate, pink syenite boulders up to 25 cm, foliation at 40-50 deg, fold donuts, fold	46434	252.30	253.30	1.00	<.03			10				
		axis at 45 deg, no appreciable ankerite veining.	46435	253.30	254.30	1.00	<.03			5				
			46436	254.30	255.30	1.00	<.03			10				
270.50	289.90	Carbonate Zone and Altered Deformed Conglomerates	46437	255.30	256.20	0.90	<.03			5				
		270.5-273.3	46438	256.20	257.30	1.10	<.03			10				
		Beige to yellow pink weakly ankeritic deformed carbonate veined altered conglomerate	46439	257.30	258.50	1.20	<.03			20				
		with stretched pink syenite clasts in sericitic altered greywacke matrix, 15%, 1-10 mm	46440	258.50	259.50	1.00	<.03							
		wide drag-folded and kinked ankerite+-quartz veining parallel to moderate foliation at 60												
		deg, fold axis at 30 deg, trace disseminated pyrite.	46441	270.50	271.40	0.90	<.03			15	tr			
		273.3-278.9	46442	271.40	272.30	0.90	<.03			20	tr			
		Pink orange red lime green beige grey and green weakly ankeritic sericitic albitized	46443	272.30	273.30	1.00	<.03			15	tr			
		deformed strongly drag-folded altered conglomerate with 15-20%, 0.2-1.0 cm wide grey	46444	273.30	274.30	1.00	<.03			10	0.5			
		white quartz-ankerite and 1-1.5 cm wide, later orange red drag-folded quartz-albite	46445	274.30	275.00	0.70	<.03			5	0.5			
		veining parallel to foliation at 60 deg, fold axis 35 deg, trace to 1% disseminated pyrite in	46446	275.00	275.60	0.60	<.03			20	1			
		veining and altered gangue, trace to 1% disseminated chalcopyrite.	46447	275.60	276.30	0.70	<.03			15	1			
		276.35-277.10	46448	276.30	277.10	0.80	<.03			20	1			
		Dark grey green and chloritic pink stronger foliated section at 60 deg with 20% grey	46449	277.10	278.00	0.90	<.03			15	1			
		quartz lenses, 1% disseminated chalcopyrite and 0.5% pyrite along chloritic foliation	46450	Au std # 8			4.05							
		planes, 2%, 1 cm wide orange red quartz vein material.	46451	278.00	278.90	0.90	<.03			15	0.5			
		278.9-282.8	46452	278.90	279.90	1.00	<.03			65	0.5			
		Green beige and grey 65-75%, 1-5 mm wide drag-folded grey quartz-carbonate veining	46453	279.90	280.90	1.00	<.03			70				
		parallel to moderate foliation at 40-50 deg in a weakly sericitic chloritic altered	46454	280.90	281.80	0.90	<.03			70	tr			
		greywacke matrix, chloritic foliation planes at 40-50 deg with kink-banded carbonate	46455	281.80	282.80	1.00	<.03			75	tr			
		veining at right angles to foliation fabric, trace to 0.5 disseminated pyrite.	46456	282.80	283.80	1.00	<.03			10	tr			

DESCRIPTION : Hole No. PW10_2														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		282.8-289.9	46457	283.80	284.80	1.00	<.03			10	tr			
		Orange red dark green and grey chloritic albitized deformed altered heterolithic	46458	284.80	285.80	1.00	<.03			10	tr			
		conglomerate in chloritic deformed greywacke matrix with 10-15%, 1-1.5 cm wide drag-	46459	285.80	286.80	1.00	<.03			10	tr			
		folded orange red quart-albite veins and 10% white grey fragmented quartz parallel to	46460	286.80	287.80	1.00	<.03			15	0.5			
		moderate foliation at 40-45 deg, trace to 0.5% finely disseminated pyrite.	46461	287.80	288.80	1.00	<.03			15	0.5			
			46462	288.80	289.90	1.10	<.03			10	0.5			
289.90	317.00	Deformed Altered Conglomerate												
		289.9-304.5												
		Pink orange pink white green and grey weakly ankeritic clast-supported heterolithic												
		boulder conglomerate with deformed syenite, syenite porphyry, quartz mudstone an d												
		jasper clasts up to 15 cm, avg 8 cm, in a green chloritic greywacke matrix, 1-2% grey												
		quartz vein material parallel to moderate drag-folded foliation at 40-50 deg, locally												
		weakly sericitic altered with trace pyrite.												
		304.5-308.6	46463	304.50	305.40	0.90	<.03			5	tr			
		Light yellow beige to brown beige weakly ankeritic moderately sericitic altered quartz-rich	46464	305.40	306.40	1.00	<.03			10	1			
		greywacke to pebbly greywacke, 3-10% white grey brecciated quartz veining with white	46465	306.40	307.30	0.90	<.03			10	tr			
		quartz-ankerite breccia matrix veining parallel to moderate foliation at 30-35 deg, trace to	46466	307.30	308.60	1.30	<.03			2	tr			
		0.5% disseminated pyrite in more grey veining.												
		308.6-317.0												
		Pink yellow beige and grey ankeritic deformed sericitic altered heterolithic clast-												
		supported conglomerate, weak to moderate foliation at 50 deg, 1-2% white quartz												
		veining parallel to foliation, trace disseminated pyrite.												
317.00	322.70	Conglomerate												
		Pink red grey green beige ankeritic undeformed clast-supported heterolithic												
		conglomerate with 1-10 cm rounded syenite, syenite porphyry chert jasper and mudstone												
		clasts and angular wispy unaltered ultramafic clasts up to 2 cm in fine grained weakly												
		sericitic altered greywacke matrix.												
322.70	332.00	Altered Greywacke to Pebbly Greywacke												
		Yellow beige to brown beige weakly ankeritic weakly sericitic weakly deformed quartz-												
		rich fine grained altered greywacke to pebbly greywacke with2-5%, cream grey white, 1-												
		10 mm wide ankerite-quartz veining parallel to foliation at 40-deg, 1%, 0.5-1 mm dark												
		green chlorite fracture fillings at 30-35 deg, trace pyrite.												
332.00	344.00	Altered Sericitic Greywacke												
		Yellow beige to light beige ankeritic weakly sericitic fine to medium grained undeformed												
		altered greywacke, 3-5%, 0.2-1.5 cm wide, irregular fragmented grey white cream quartz												
		ankerite veining at 0-50 deg, trace pyrite.												
		338.7-342.0												
		Sericitic greywacke with 5%, 0.1-3 cm wide irregular dark green wispy chlorite veining at												
		25-40 deg, trace pyrite.												
344.00	353.60	Altered Sericitic Pebbly Greywacke to Conglomerate												
		Brown beige to pink beige ankeritic weakly sericitic coarse grained greywacke to pebbly												
		greywacke to conglomerate, 1-2%, 1-10 mm wide irregular ankerite-+-quartz veining at												
		30-70 deg.												

DESCRIPTION : Hole No. PW10_2

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
353.60	363.70	Conglomerate											
		353.6-358.7											
		Pink beige green grey ankeritic undeformed clast-supported heterolithic conglomerate, sharp contacts at 60 deg, weakly foliated at 60 deg over lower 30 cm.											
		358.7-360.3											
		Pink beige ankeritic weakly sericitic fine to medium grained altered greywacke, weakly chloritic fractured at 30-40 deg.											
		360.3-363.7	46467	360.30	361.40	1.10	<.03			2	tr		
		Red grey to pink beige ankeritic weakly sericitic altered conglomerate, 1-2% grey 1-0	46468	361.40	362.50	1.10	<.03			2	0.5		
		mm wide grey quartz veins and vein fragments at 10-50 deg, moderately chloritic	46469	362.50	363.70	1.20	<.03			2	tr		
		fractured at 35-50 deg, trace to 0.5% finely disseminated pyrite.	46470	Blank			<.03						
363.70	374.90	Deformed Chloritic Altered Conglomerates	46471	372.90	373.90	1.00	<.03			1			
		Dark green pink red lime beige weakly ankeritic chloritic sericitic altered clast-supported	46472	373.90	374.90	1.00	<.03			1			
		heterolithic conglomerate, with chloritic sericitic altered greywacke matrix, weakly to	46473	374.90	375.60	0.70	<.03			80			
		moderately foliated (increasing with depth) at 30-50 deg, locally drag-folded. weakly to	46474	375.60	376.50	0.90	<.03			80			
		moderately chloritic fractured at 30-70 deg.	46475	376.50	377.60	1.10	<.03			70			
			46476	377.60	378.60	1.00	<.03			3	1		
374.90	384.40	Green Carbonate Zone	46477	378.60	379.50	0.90	<.03			5	1		
		374.9-377.6	46478	379.50	380.10	0.60	<.03			60			
		Emerald green and white green carbonate zone with 75% white ankerite-quartz veining,	46479	380.10	380.90	0.80	<.03			15			
		weakly foliated at 30 deg, 10%, 1-15 cm wide pink to peanut butter brown sericitic	46480	380.90	381.50	0.60	<.03			65			
		altered irregular felsic dykes at 30 deg, trace chalcopyrite in quartz veining near upper	46481	381.50	382.10	0.60	<.03			40	tr		
		contact, upper contact marked by 1 cm wide light grey quartz vein at 70 deg.	46482	382.10	383.20	1.10	<.03			10			
			46483	383.20	384.50	1.30	<.03			40	tr		
		377.6-379.5	46484	384.50	385.50	1.00	<.03			15	tr		
		Dark grey to grey siliceous fine grained siltstones to cherty sediments, finely bedded at	46485	385.50	386.40	0.90	<.03			10	tr		
		50 deg, 10%, 10-30 cm wide green to brown carbonated ultramafic dykes at 50 deg, 1%	46486	386.40	387.40	1.00	<.03			5			
		finely disseminated pyrite and trace chalcopyrite and 2%, 1-2 mm grey white quartz											
		veining at 30-50 deg in sediments.											
		379.5-381.5											
		Dark green beige white to light green carbonated ultramafic, weakly foliated at 50 deg,											
		trace disseminated pyrite in 10 cm wide beige sericitic altered band.											
		381.5-382.0											
		White pink beige sericitic altered conglomerate with 3-20 cm wide quartz+-chlorite											
		breccia veins at 40 deg with 3% 0.1-1 cm angular chalcopyrite blebs.											
		382.0-383.2											
		Lime to emerald green and beige weakly fuschitic and sericitic altered conglomerates,											
		weakly foliated at 40-50 deg, 2%, 1-5 mm wide irregular ankerite-quartz veining.											
		383.2-384.4											
		White black beige quartz sericitic conglomerate breccia vein at 40 deg with 35% dark											
		black siliceous breccia matrix, 0.5% 1-2 mm angular chalcopyrite blebs, rusty brown											
		vuggy fractures at 40 deg, 235% broken core, lower contact marked by talcose fault											
		gouge at 40 deg.											

DESCRIPTION : Hole No. PW10_2															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
384.40	397.40	Deformed Altered Conglomerate											
		384.4-386.4											
		Green to light lime green ankeritic weakly chloritic sericitic altered conglomerates, 5-10%, white grey ankerite-quartz veining parallel to moderate foliation at 50-60 deg.											
		386.4-395.0											
		Yellow beige to pink ankeritic moderately sericitic altered deformed clast-supported heterolithic conglomerate, 10-3%, cream grey ankerite+- quartz veining decreasing with depth parallel to moderate to weak foliation at 50-60 deg, locally drag-folded.											
		395.0-397.4											
		Beige to green beige ankeritic weakly sericitic deformed altered pebbly greywacke to greywacke, finer grained towards lower contact moderately foliated at 50-55 deg.											
397.40	407.25	Chloritic Altered Greywacke											
		Green pink grey ankeritic chloritic altered clast and matrix-supported heterolithic conglomerate with syenite chert mudstone quartz and jasper clasts up to 5 cm in a fine grained chloritic greywacke matrix, 1-2%, 1-5 mm ankerite-quartz veining parallel to weak foliation at 50 deg.											
407.25	424.20	Sericitic Altered Conglomerate and Greywacke											
		Beige to green beige ankeritic weakly to moderately sericitic altered conglomerates and greywackes, 2-3% irregular cream white ankerite+-quartz vein fragments and veining parallel to weakly foliation at 50-60 deg.											
424.20	438.30	Chloritic Greywacke											
		Green to green grey ankeritic fine to medium grained weakly chloritic altered greywacke, massive to very weakly foliated at 40-50 deg, 1-3%, 1-5 mm white ankerite veining at 30-70 deg.											
		437.48-437.50											
		Chloritic fault at 40 deg with 80% quartz-ankerite breccia vein.											
438.30	459.70	Chloritic Conglomerate and Greywacke											
		Grey beige green ankeritic chloritic matrix-supported heterolithic conglomerate with up to 6 cm rounded syenite, syenite porphyry quartz jasper mafic volcanic and sediment clasts in a fine to medium grained greywacke matrix, very weakly foliated at 45-50 deg, <1%, 1 10 mm ankerite-quartz veining at 20-30 deg.											
459.70	470.70	Conglomerate											
		Green grey pink red beige ankeritic clast-supported heterolithic conglomerate, 1%, 1-5 mm wide wavy "folded" ankerite-quartz veining at 0-30 deg, avg 20 deg.											
470.70	489.50	Greywacke											
		Grey to weak light beige ankeritic fine grained greywacke, locally weakly sericitic, 1-2%, 1-10 mm wide irregular wavy ankerite-quartz veining at 0-30 deg.											
489.50	501.10	Conglomerate											
		Dark green ankeritic chloritic magnetic clast-supported conglomerate with predominantly sedimentary clasts including oxide iron formation and mafic tuffs and siltstones in magnetic fine grained chloritic greywacke matrix, 15% syenite clasts.											

DESCRIPTION : Hole No. PW10_2														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
501.10	513.80	Greywacke and conglomerate												
		Grey to green grey ankeritic magnetic fine grained massive greywacke with 30%, 30-80 cm thick, magnetic clasts-supported conglomerate horizons as above.												
			46487	513.80	514.80	1.00	<.03			1	tr			
513.80	521.70	Hematitic Altered Greywacke to Pebbly Greywacke	46488	514.80	515.80	1.00	<.03			2	tr			
		Maroon red to light beige to grey weakly ankeritic hematitic weakly sericitic altered fine grained greywacke to pebbly greywacke, massive to weakly foliated at 45 deg defined by <1mm wide chlorite slips, <1-5%, 1-10 mm ankerite veining at 45-80 deg, trace finely disseminated pyrite.	46489	515.80	516.80	1.00	<.03			3	tr			
			46490	Au std # 6			2.74							
			46491	516.80	518.00	1.20	<.03			3	tr			
			46492	518.00	518.80	0.80	<.03							
			46493	518.80	519.80	1.00	<.03			10	tr			
521.70	555.80	Sericitic Altered Greywacke	46494	519.80	520.70	0.90	<.03			10	tr			
		521.7-530.7	46495	520.70	521.70	1.00	<.03			5	tr			
		Beige grey to light beige ankeritic weakly sericitic altered massive fine to medium grained greywacke, 1-3%, 1-10 mm white irregular ankerite veining at 0-60 deg.												
			46496	531.50	532.70	1.20	<.03			3				
		530.7-536.4	46497	532.70	534.00	1.30	<.03				tr			
		Light maroon to maroon red massive ankeritic hematitic altered medium grained greywacke, trace disseminated pyrite.	46498	534.00	535.00	1.00	<.03							
		536.4-555.8												
		Light yellowish beige grey weakly ankeritic weakly sericitic altered massive greywacke to pebbly greywacke, <1% ankerite-quartz veining, below 552.5 m towards lower contact coarser grained and bedded at 60 deg, sharp lower contact at 30 deg.												
555.80	579.05	Conglomerate and Greywacke												
		555.8-577.2												
		Green grey to green beige ankeritic clast and matrix supported heterolithic conglomerate interbedded with brown beige weakly sericitic coarse grained greywacke to pebbly greywacke horizons 20-100 cm thick, weakly foliated at 30-40 deg increase slightly towards lower contact, <1%, 1-5 mm ankerite-quartz veining at 20-30 deg with chloritic contacts, locally trace pyrite.	46499	576.20	577.20	1.00	<.03			2	tr			
		577.2-578.5	46500	577.20	578.30	1.10	<.03			10	tr			
		Transition zone grey to dark grey mix of fine grained siltstones and deformed conglomerate, weakly sericitic over 25 cm at upper contact, 10%, 0.1-2 cm irregular ankerite+-quartz parallel to weak foliation at 40 deg, trace finely disseminated pyrite	46501	578.30	579.10	0.80	<.03			1	tr			
			46502	579.10	579.90	0.80	<.03			40				
			46503	579.90	580.60	0.70	<.03			40				
		578.5-579.05	46504	580.60	581.20	0.60	<.03			15	1			
		Black fine grained mafic chloritic siltstone, finely bedded to foliated at 50 deg, 1% irregular quartz-ankerite veining parallel to foliation and cross-cutting, trace disseminated pyrite and chalcopyrite, sharp lower contact at 40 deg, irregular upper contact as lenses into conglomerate over 10 cm with trace pyrite.	46505	581.20	582.00	0.80	<.03			35				
			46506	582.00	583.00	1.00	<.03			35				
579.05	599.10	Carbonated Ultramafic with Fault Zones												
		579.05-581.6												
		Black dark green magnetic talcose deformed ultramafic with 35%, ankerite veining parallel to strong foliation at 25-50 deg.												
		580.60-581.2												
		70%, 1-10 cm wide strongly magnetic purple grey hematitic fine grained mafic syenite dykes at 40-80 deg with 1% finely disseminated pyrite-chalcopyrite.												
		581.6-582.0												
		Talcose brecciated fault with gouge, strongly foliated at 60 deg.												

DESCRIPTION : Hole No. PW10_2															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		582.0-598.35											
		Black dark green magnetic talcose deformed ultramafic with 35-55 %, ankerite veining											
		parallel to strong foliation at 60-70 deg, 0.5% disseminated pyrite from 594.8 to lower											
		contact, sharp lower contact at 60 deg.											
		591.00-591.03											
		Talcose fault breccia with gouge at 40 deg.											
		598.35-599.1	46507	594.80	596.10	1.30	<.03			35	0.5		
		45%, 1-30 cm wide purple grey strongly magnetic hematitic mafic syenite dykes at 60-70	46508	596.10	597.30	1.20	<.03			25	0.5		
		deg with 1% finely disseminated pyrite.	46509	597.30	598.30	1.00	<.03			30	0.5		
			46510	598.30	599.30	1.00	<.03			3	1		
599.10	633.20	Chloritic Siltstones and Greywackes	46511	599.30	600.30	1.00	<.03			1	tr		
		599.1-600.1											
		Green ankeritic fine grained chloritic siltstones and mudstones or upper 20 cm, massive											
		to weakly bedded at 50-60 deg, sharp upper contact at 60 deg, 1-35, 1-10 mm wide											
		ankerite+-quartz veining at 40-70 deg, <1% 20-40 cm wide medium to coarse grained											
		olive green white carbonated ultramafic dykes at 40-70 deg.											
		600.1-621.0	46512	609.00	609.80	0.80	<.03			10	0.5		
		Grey green and light beige ankeritic fine grained siltstone to greywacke, 1-3%, 1-10 mm	46513	609.80	610.90	1.10	<.03			10	0.5		
		wide ankerite veining at 40-50 deg with sericitic altered wallrocks, 1%, 1-5 mm grey	46514	610.90	612.10	1.20	<.03			5	0.5		
		quartz veining at 40-50 deg with 1% fine to medium grained disseminated pyrite with 5-	46515	612.10	613.20	1.10	<.03			5	0.5		
		10 mm wide sericitic altered wallrocks.	46516	613.20	614.30	1.10	<.03			5	0.5		
		621.0-633.2											
		Green grey to grey ankeritic fine grained siltstone and greywackes, massive to weakly											
		bedded at 60-70 deg, 1% 1-10 mm ankerite+-quartz veining at 30-60 deg.											
633.20	648.70	Conglomerate											
		633.2-6-642.0											
		Dark green to green grey ankeritic magnetic matrix-supported conglomerates with											
		syenite sediment mafic volcanic rounded clasts up to 2 cm in medium grained chloritic											
		magnetic greywacke matrix, locally weakly foliated at 70 deg.											
		642.0-644.6											
		Dark green pink grey magnetic ankeritic chloritic clast-supported heterolithic											
		conglomerate, weakly foliated at 60 deg.											
		644.6-648.7											
		Dark green grey strongly magnetic chloritic matrix-supported conglomerate to pebbly											
		medium to coarse grained greywacke.											
648.70	654.50	Sericitic Pyritic Altered Conglomerate	46517	647.70	648.70	1.00	<.03						
		648.7-651.3	46518	648.70	649.40	0.70	<.03			3	2		
		Dark green grey to beige grey to beige strongly magnetic chloritic to sericitic to weakly	46519	649.40	650.10	0.70	<.03			5	1		
		silicified to chloritic-sericitic altered matrix-supported conglomerate, 10%, 1-10 mm	46520	Blank			<.03						
		irregular ankerite+-quartz and quartz+-ankerite veining parallel to weak foliation at 30-60	46521	650.10	650.90	0.80	<.03			10	10		
		deg, 5% magnetite finely disseminated and in 1-2 mm chloritic veins at 30-50 deg, 1-	46522	650.90	651.30	0.40	<.03			5	1		
		10%, fine to medium grained pyrite disseminated, in magnetite stringers, in quartz											
		veining and 1-5 mm massive stringers at 30-60 deg, strongest mineralization silicification											
		and sericite alteration from 350.1-350.9 m.											

DESCRIPTION : Hole No. PW10_2

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		651.3-654.5	46523	651.30	652.30	1.00	<.03			3	tr		
		Grey and beige magnetic ankeritic weakly chloritic sericitic altered matrix-supported	46524	652.30	653.40	1.10	<.03			2	tr		
		conglomerate and coarse grained greywacke with 5%, 1-10 cm wide beige sericitic	46525	653.40	654.50	1.10	<.03			3	tr		
		altered bands at 60 deg, 1-3%, 0.1-1.5 cm wide wavy ankerite-quartz veining at 30-60	46526	654.50	655.50	1.00	<.03						
		deg, trace finely disseminated pyrite along vein contacts and in sericitic altered											
		wallrocks, gradational contacts.											
654.50	665.85	Chloritic Greywacke and Conglomerate											
		Dark grey to green magnetic ankeritic moderately chloritic altered medium grained											
		greywacke to pebbly greywacke with 15%, 20-50 cm thick clasts-supported											
		conglomerate horizons, very weak foliation/bedding at 60 deg, 2-5%, ankerite veining at											
		30-80 deg, minor traces of pyrite.											
665.85	668.90	Trachyte Tuff	46527	665.70	666.80	1.10	<.03			3	tr		
		Grey to beige and dark green strongly magnetic medium grained massive trachyte tuff or	46528	666.80	667.90	1.10	<.03			2	tr		
		possibly a dyke with 10%, 1-8 mm irregular wispy dark green chlorite-magnetite wisps	46529	667.90	668.90	1.00	<.03			2	tr		
		and lenses, sharp upper contact at 70 deg marked by 3 cm quartz-ankerite vein and 7											
		cm wide band of sericitic altered greywacke wallrock, sharp lower contact at 50 deg, 1-											
		2%, 0.1-2 cm wide, cream pink ankerite-quartz veining at 30-80 deg, trace disseminated											
		pyrite along vein contacts.											
668.90	677.50	Chloritic Greywacke and Conglomerate											
		Dark grey to green, weakly calcitic chloritic altered medium grained greywacke with 20-											
		50 cm thick matrix-supported conglomerate horizons, 1%, 1-10 mm wide ankerite+-											
		quartz veining at 30-90 deg.											
677.50	687.40	Chloritic Greywacke											
		Green grey weakly ankeritic and calcitic, weakly chloritic medium grained massive											
		greywacke, 1%, 0.2-1 cm wide white quartz-calcite-ankerite veining at 30-60 deg.											
687.40	698.70	Chloritic Greywacke and Conglomerate											
		Dark grey to green weakly calcitic altered medium grained greywacke with 20-60 cm											
		wide heterolithic conglomerate horizons with predominantly mafic volcanic and											
		sedimentary clasts, 1-2% 1-10 mm wide irregular ankerite+-quartz and quartz-calcite											
		veining at 20-70 deg.											
		691.9-693.2	46530	690.80	691.80	1.00	<.03			2			
		Beige sericitic altered band of greywacke with 10% ankerite-quartz veining at 50 deg cut	46531	691.80	692.30	0.50	<.03			15	tr		
		by 5% 0.2-1.5 cm wide drag-folded ankerite-quartz veining at 0-40 deg, with 2% 2-10	46532	692.30	693.30	1.00	<.03			1			
		mm angular magnetite blebs, trace disseminated pyrite in magnetite and along vein											
		contacts in sericitic altered wallrocks.											
	698.70	EOH											
		Casing left in hole.											

PROPERTY: Pawnee			HOLE NUMBER: PW10_3					
Province:	Ontario	**DATE LOGGED:** Jan 24-Feb 10, 2010	**Grid E**	14+00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** Wayne Benham	**Grid N**	2+00		0	360	-55.0
Started:	23-Jan-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	576162	REFLEX	120	2.0	-55.0
Completed:	9-Feb-10	**UNITS:** Metres	**UTM N:**	5331354		180	2.8	-54.9
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	330		240	6.2	-54.7
			Length:	916.0		300	35.3	-54.1
						360	4.9	-54.1
PURPOSE:	To test MMI, IP and magnetic anomalies					420	5.2	-53.3
						480	7.8	-52.2
COMMENTS:	Sample # 46533-46881, 232 half core, 9 Au standards and 8 blank samples assayed for Au g/t by Poymet Labs. RQD >75% unless noted.					540	8.2	-51.5
						600	355.5	-50.3
						660	4.3	-50.1
				wedge 684 m		720	3.1	-48.3
						780	2.8	-46.9
						840	2.4	-46.7
						900	1.8	-45.5

SUMMARY LOG: PW10_3			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**7.00**	Overburden						
7.00	**38.60**	Syenite						
38.60	**45.40**	Fault Zone / Quartz Vein Zone						
45.40	**112.70**	Syenite						
112.70	**153.00**	Altered Syenite						
153.00	**166.00**	Syenite						
166.00	**171.50**	Mylonite Zone / Syenite						
171.50	**188.40**	Syenite						
188.40	**199.70**	Carbonated Ultramafics / Altered Syenite						
199.70	**206.00**	Altered Syenite and Feldspar Porphyry						
206.00	**214.20**	Altered Hematitic Mafic Intrusive						
214.20	**226.10**	Basaltic Komatiite						
226.10	**232.90**	Deformed Altered Conglomerate						
232.90	**247.80**	Basalt						
247.80	**248.70**	Oxide Iron Formation						
248.70	**255.20**	Mafic Intrusive						
255.20	**258.50**	Oxide Iron Formation						
258.50	**266.60**	Komatiite and Lean Oxide Iron Formation						
266.60	**278.85**	Carbonated Ultramafics and Syenite Dykes						
278.85	**280.80**	Oxide Iron Formation and Siltstone						
280.80	**287.60**	Dull Green Carbonate						
287.60	**296.30**	Carbonated Ultramafics and Syenite Dykes						
296.30	**324.15**	Green Carbonate Zone						
324.15	**360.80**	Talc Chlorite Schist						
360.80	**369.50**	Altered Siltstones						

SUMMARY LOG: PW10_3			ASSAY SUMMARY					
369.50	387.20	Altered Conglomerate						
387.20	439.40	Conglomerate						
439.40	449.30	Deformed Conglomerate						
449.30	455.20	Conglomerate						
455.20	461.80	Chloritic Greywacke						
461.80	463.30	Hematitic Mudstone						
463.30	586.90	Chloritic Greywacke						
586.90	609.00	Trachyte Tuff						
609.00	617.30	Altered Brecciated Trachyte Tuff						
617.30	662.40	Trachyte Tuff						
662.40	666.55	Syenite						
666.55	701.50	Trachyte Tuff to Lapilli Tuff						
701.50	716.90	Deformed Trachyte Lapilli Tuff to Tuff						
685.80	708.10	Trachyte Tuff to Lapilli Tuff Wedge at 684 m						
708.10	730.00	Deformed Trachyte Lapilli Tuff to Tuff						
730.00	756.70	Trachyte Tuff to Lapilli Tuff						
756.70	782.90	Chloritic Greywacke to Conglomerate						
782.90	786.10	Conglomerate						
786.10	790.70	Trachyte Lapilli Tuff						
790.70	814.65	Carbonate Zone						
814.65	819.30	Dull Green Carbonate Zone						
819.30	822.80	Syenite						
822.80	835.90	Altered Trachyte Lapilli Tuffs						
835.90	866.00	Green Carbonate Zone						
866.00	916.00	Altered Sericitic Carbonated Sediments						
	916.00	EOH						

DESCRIPTION : Hole No. PW10_3													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	7.00	Overburden											
		Casing to 6-6 m core starts at 9 m.											
7.00	38.60	Syenite											
		Orange red to brick red, strongly magnetic very coarse grained syenite with k-spar											
		crystals up to 10 mm 1-3%, grey green amphibole magnetite gangue, joints/fractures at											
		14.6-15.0											
		Chloritic fault zone with gouge broken core, upper contact at 20 deg.											
		28.83-28.85											
		Grey chlorite fractured quartz vein at 45-50 deg with chloritic contacts.											
38.60	45.40	Fault Zone / Quartz Vein Zone	46533	38.60	39.20	0.60	<.03			1			
		Grey pink nonmagnetic weakly grey bleached chloritic fractured to brecciated to faulted	46534	39.20	39.90	0.70	<.03			2			
		altered syenite with 0.5-3 cm wide crushed chloritic faults +- gouge at 20-50 deg, upper	46535	39.90	40.40	0.50	<.03			40			
		contact at 20 deg, lower contact marked by 5 cm wide quartz-veined chloritic fault	46536	40.40	41.50	1.10	<.03			70			
		breccia at 50 deg, 10%, 0.1-50 cm white to light grey quartz fragments, quartz breccia	46537	41.50	42.50	1.00	<.03			2			
		matrix and veins at 20-50 deg with green chloritic amphibole inclusions, no sulphides.	46538	42.50	43.50	1.00	<.03			2			
			46539	43.50	44.50	1.00	<.03			1			
			46540	Au std # 7			0.62						
45.40	112.70	Syenite	46541	44.50	45.50	1.00	<.03			3			
		45.4-61.8											
		Pink to grey pink weakly chloritic altered fractured coarse grained syenite with 1-10											
		green to blue grey green chloritic amphibole matrix, strongly magnetic, Chloritic											
		fractures at 20-80 deg.											
		49.45-49.51	46542	49.20	49.70	0.50	<.03			3			
		Green grey quartz vein at 30 deg with chloritic contacts.											
		51.5.6-52.5	46543	51.60	52.50	0.90	<.03						
		More chloritic brecciated with 15%, blue grey green magnetic chloritic amphibole											
		gangue.											
		58.9-55.2	46544	58.90	59.20	0.30	<.03						
		Maroon strongly magnetic hematitic syenite porphyry dyke with 5%, 1-2 mm white											
		poorly defined feldspar phenocrysts, lower contact at 90 deg, upper contact broken.											
		61.8-112.7	46545	70.70	71.70	1.00	<.03						
		Bright orange strongly magnetic coarse grained strongly albitized altered syenite, locally	46546	71.70	72.70	1.00	<.03						
		weakly silicified, weakly chloritic fractured and jointed at 20-50-70 deg, strongest											
		alteration from 68-78 m and below 89 m.											
			46547	111.70	112.70	1.00	<.03						
112.70	153.00	Altered Syenite	46548	112.70	113.70	1.00	<.03						
		112.7-113.8	46549	113.70	115.00	1.30	<.03			1			
		Bright red orange silicified albitized fractured to brecciated altered coarse grained	46550	115.00	116.00	1.00	<.03						
		syenite, RQD 10%.	46551	116.00	116.80	0.80	<.03						
		113.1-113.3	46552	116.80	117.30	0.50	<.03						
		Fault breccia zone at 20 deg with albitized altered syenite fragments in 20% hard black	46553	117.30	118.10	0.80	<.03						
		tourmaline+specularite+ 1-5 mm syenite and white quartz fragments in breccia matrix.	46554	118.10	119.00	0.90	<.03						
		113.8-125.0	46555	119.00	120.00	1.00	<.03						
		Orange red magnetic to weakly magnetic coarse grained albitized syenite with 10%,	46556	120.00	121.00	1.00	<.03						
		grey green magnetite amphibole gangue, <<1%, grey white quartz lenses.	46557	121.00	122.00	1.00	<.03						

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		116.93-117.00-117.04-117.10	46558	122.00	123.00	1.00	<.03						
		Dark purple grey nonmagnetic mafic syenite or silicified bands/dykes at 70 deg with 3	46559	123.00	124.00	1.00	<.03						
		mm wide vuggy pink calcite vein at 80 deg with trace pyrite.	46560	124.00	125.00	1.00	<.03						
		125.0-147.0	46561	125.00	126.00	1.00	<.03			1			
		Bright red orange nonmagnetic to locally weakly magnetic silicified albitized fractured to	46562	126.00	127.00	1.00	<.03			1	tr		
		brecciated altered coarse grained syenite with grey green weakly silicified amphibole-	46563	127.00	128.00	1.00	<.03						
		specularite, minor traces of fine to medium grained pyrite, <<1%, 1-10 mm wide light	46564	128.00	129.00	1.00	<.03						
		grey white quartz lenses and veins at 30 deg, dark green to black chloritic fractures at	46565	129.00	130.00	1.00	<.03						
		10-20 deg and 140 deg, scattered 5-20 cm white zones of broken core with chloritic	46566	130.00	131.00	1.00	<.03						
		breccia fragments, RQD 10-60%.	46567	131.00	132.00	1.00	<.03						
		147.0-147.6	46568	132.00	133.00	1.00	<.03			2	tr		
		Grey to dark grey silicified altered band or fine grained mafic syenite dyke at 30 deg,	46569	133.00	134.00	1.00	<.03			1			
		nonmagnetic fractured at 30-140 (50) deg, upper contact marked by fault breccia at 20	46570	Blank			<.03						
		deg, lower contact at 30 deg marked chlorite fracture at 30 deg.	46571	134.00	135.00	1.00	<.03						
		147.6-153.0	46572	135.00	136.00	1.00	<.03			1	tr		
		Bright red orange nonmagnetic silicified albitized fractured to brecciated altered coarse	46573	136.00	136.90	0.90	<.03						
		grained syenite finely brecciated with 1%, 0.5-5 mm grey white quartz veining at 20 deg	46574	136.90	138.00	1.10	<.03			2	tr		
		and breccia matrix, minor traces of pyrite, RQD 30%.	46575	138.00	139.00	1.00	<.03			1	tr		
			46576	139.00	140.00	1.00	<.03			1			
153.00	166.00	Syenite	46577	140.00	141.00	1.00	<.03						
		153.0-161.3	46578	141.00	142.00	1.00	<.03						
		Orange red to brick red strongly magnetic albitized coarse grained syenite, 10-15%	46579	142.00	143.00	1.00	<.03						
		dark grey black green chlorite-magnetite gangue and breccia matrix, fractured to finely	46580	143.00	144.00	1.00	<.03						
		brecciated at 20-70 deg, <<1% white quartz veining, RQD 40%.	46581	144.00	145.00	1.00	<.03						
		161.3-162.2	46582	145.00	146.00	1.00	<.03						
		Dark orange red to brown dark grey silicified zone with contact s at 80 deg, lower 30 cm	46583	146.00	147.00	1.00	<.03						
		strongly silicified with one 2 mm chalcopyrite lens at 30 deg, 3%, 1-2 mm white quartz	46584	147.00	147.60	0.60	<.03						
		veining at 20-30 deg, trace pyrite, RQD 10%.	46585	Au std # 8			4.18						
		162.2-166.0	46586	147.60	148.70	1.10	<.03						
		Orange red to brick red strongly magnetic albitized coarse grained syenite, 5% dark	46587	148.70	149.80	1.10	<.03			1			
		grey black green chlorite-magnetite gangue and breccia matrix, fractured to finely	46588	149.80	150.90	1.10	<.03			2			
		brecciated at 20-70 deg, <1% white quartz veining, RQD 40%.	46589	150.90	152.00	1.10	<.03			2			
			46590	152.00	153.00	1.00	<.03			2	tr		
166.00	171.50	Mylonite Zone / Syenite	46591	153.00	154.00	1.00	<.03			1			
		Bright orange red and black strongly magnetic 1-5 mm banded mylonite zone with	46592	154.00	155.00	1.00	<.03			1			
		alternating fine grained crushed finely mylonitic altered syenite and magnetite chlorite,	46593	155.00	156.00	1.00	<.03						
		banding at 80-90 deg, 10% magnetite, 0.5-1% fine to medium grained disseminated	46594	156.00	157.00	1.00	<.03						
		pyrite and trace to 0.5% disseminated chalcopyrite, trace specularite veining, black	46595	157.00	158.00	1.00	<.03			2			
		chloritic fractures at 20-50 deg, gradational contacts over 10 cm defined by banding.	46596	158.00	159.00	1.00	<.03			1			
			46597	159.00	160.20	1.20	<.03						
171.50	188.40	Syenite	46598	160.20	161.30	1.10	<.03			1			
		171.5-175.6	46599	161.30	162.20	0.90	<.03			3	tr		
		Bright orange red magnetic albitized altered syenite, weakly silicified , 1%, 0.5-2 mm	46600	162.20	163.00	0.80	<.03						
		white quartz veining at 20-30 deg, 1-5% black grey green chlorite-magnetite gangue,	46601	163.00	164.00	1.00	<.03						
		black chloritic fractures at 20-70 deg.	46602	164.00	165.00	1.00	<.03						

DESCRIPTION : Hole No. PW10_3													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		175.6-188.4	46603	165.00	166.00	1.00	<.03						
		Orange red strongly magnetic to locally weakly magnetic albitized altered coarse	46604	166.00	167.00	1.00	<.03				0.5		
		grained syenite weakly brecciated with 3-5%, dark grey green chlorite-magnetite	46605	167.00	168.00	1.00	<.03				1		
		breccia matrix, fractured/jointed at 30 and 70 deg, ,1%, 0.5-1 mm white quartz veining	46606	168.00	169.00	1.00	<.03				1		
		at 30 deg, sharp lower contact marked by greasy chloritic slip at 70 deg.	46607	169.00	170.00	1.00	<.03				1		
			46608	170.00	170.80	0.80	<.03				1		
188.40	199.70	Carbonated Ultramafics / Altered Syenite	46609	170.80	171.50	0.70	<.03				1		
		188.4-189.45	46610	Au std # 6			2.74						
		Dark green grey pink white strongly magnetic calcitic strongly chloritic altered ultramafic	46611	171.50	172.50	1.00	<.03						
		with 30%, 1-2 mm white ankerite and pink calcite carbonate, moderately foliated at 70	46612	172.50	173.50	1.00	<.03				1		
		deg, 2%, 0.5 cm pink altered syenite inclusions.	46613	173.50	174.60	1.10	<.03						
		189.45-189.95	46614	174.60	175.60	1.00	<.03						
		Dark green chloritic crushed fault zone, foliated at 60-70 deg.											
		189.95-195.0	46615	186.30	187.40	1.10	<.03						
		Red and dark black green strongly magnetic 65%, 0.5-5 cm wide red hematitic fine	46616	187.40	188.40	1.00	<.03			1			
		grained syenite fragments in calcitic chloritic talcose carbonated ultramafic, fragments	46617	188.40	189.40	1.00	<.03			10			
		parallel to moderate foliation at 60 deg, 1% irregular pink calcite fragments/ veins, trace	46618	189.40	190.30	0.90	<.03			10			
		to 0.5% finely disseminated pyrite in altered syenite fragments.	46619	190.30	191.00	0.70	<.03			5			
		195.0-199.7	46620	191.00	192.00	1.00	<.03			3	tr		
		Maroon red and black drag green strongly magnetic calcitic 80%, 10-100 cm wide	46621	192.00	193.00	1.00	<.03			5	tr		
		medium grained magnetic hematitic altered syenite dykes with jagged irregular	46622	193.00	194.00	1.00	<.03			10	tr		
		contacts separated by 10-20 cm wide zones of talc chlorite schist, 1-3% irregular pink	46623	194.00	195.00	1.00	<.03			5	tr		
		white calcite veining, chloritic faults at 20 and 50 deg, trace disseminated pyrite and											
		chalcopyrite in syenite dykes.											
199.70	206.00	Altered Syenite and Feldspar Porphyry	46624	203.50	204.00	0.50	<.03			1	5		
		Maroon red medium grained strongly magnetic hematitic altered syenite intruded by 5-	46625	204.00	205.00	1.00	<.03						
		50 cm wide grey red white syenite feldspar porphyry dykes with 1-2 mm white anhedral	46626	205.00	206.00	1.00	<.03						
		feldspar phenocrysts at 70 deg also one fine grained strongly magnetic red hematitic	46627	206.00	207.00	1.00	<.03			1	5		
		altered mafic dyke with 5% finely disseminated pyrite at 203.55-203.95 m	46628	207.00	208.00	1.00	<.03			2	5		
			46629	208.00	209.00	1.00	<.03			1	5		
206.00	214.20	Altered Hematitic Mafic Intrusive	46630	Blank			<.03						
		Dark red strongly magnetic fine grained calcitic strongly hematitic altered mafic	46631	209.00	210.00	1.00	<.03				5		
		intrusive with 5% finely disseminated pyrite and trace chalcopyrite, 25%, 10-50 cm wide	46632	210.00	210.70	0.70	<.03			1	5		
		dark black green talc chloritic schisted ultramafic section at 40-70 deg, 1-3%, 1-10 mm	46633	210.70	211.80	1.10	<.03			10	1		
		wide irregular pink white calcite veining at 30-80 deg, chloritic, 10 cm wide, lower	46634	211.80	212.80	1.00	<.03			1	3		
		contact at 30 deg.	46635	212.80	213.70	0.90	<.03			5	5		
			46636	213.70	214.30	0.60	<.03			2	1		
214.20	226.10	Basaltic Komatiite	46637	214.30	215.30	1.00	<.03			5			
		214.2-219.4											
		Dark green olive brown green grey and red strongly magnetic calcitic basaltic komatiite											
		with 15%, 0.2-2 cm wide hematitic altered syenite fragments, weakly foliated fractured											
		at 60-70 deg, 2-3%, 0.5-5 mm wide white calcite veining at 30-90 deg, trace finely											
		disseminated pyrite.											
		219.4-226.1	46638	219.40	220.30	0.90	<.03			1	tr		
		Reddish green magnetic calcitic weakly hematitic altered basaltic komatiite with 5%, 1-	46639	220.30	221.20	0.90	<.03			1	tr		
		10 cm wide, brick red orange fine grained magnetic chloritic brecciated syenite dykes	46640	221.20	222.10	0.90	<.03			1	tr		
		with irregular sharp contacts at 70-80 deg, 5% medium grained pyrite and trace	46641	222.10	223.10	1.00	<.03			2	tr		
		chalcopyrite in syenite, trace pyrite in komatiite, 1% 1-5 mm pink white calcite veining	46642	223.10	224.10	1.00	<.03			1			
		at 50-80 deg, weakly foliated at 70-80 deg, broken lower contact.	46643	224.10	225.10	1.00	<.03			1			

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
			46644	225.10	226.10	1.00	<.03			5	tr			
226.10	232.90	Deformed Altered Conglomerate	46645	226.10	227.00	0.90	<.03			1	tr			
		226.1-230.5	46646	227.00	227.80	0.80	<.03			1	tr			
		Light grey to beige grey strongly magnetic weakly ankeritic chloritic and sericitic altered	46647	227.80	228.60	0.80	<.03			5	tr			
		conglomerate with 0.5-1 cm wide stretched light red grey to beige white felsic clasts	46648	228.60	229.50	0.90	<.03				1			
		parallel to moderate to strong foliation at 85 deg in a fine grained chloritic to sericitic	46649	229.50	230.50	1.00	<.03				3			
		altered magnetic greywacke matrix with 5% finely disseminated magnetite an 1-2%	46650	Au std # 7			0.62							
		finely disseminated pyrite, <1%, 1-3 cm wide, white barren quartz+_ankerite veins at 80	46651	230.50	231.30	0.80	<.03				5			
		deg, red altered pyrite syenite dykes to 227.0 m.	46652	231.30	232.00	0.70	<.03				0.5			
		230.5-231.38	46653	232.00	233.00	1.00	<.03			1	tr			
		Light greenish beige strongly magnetic moderately sericitic ankeritic altered deformed												
		conglomerate with 3% finely disseminated magnetic and 5% finely disseminated pyrite,												
		moderately foliated at 85 deg.												
		231.38-231.93												
		Light salmon pink altered syenite or felsic dyke with 5% irregular white quartz-ankerite												
		veining and 0.5% disseminated pyrite, irregular fingered upper contact, sharp lower												
		contact at 60 deg.												
		231.93-232.9												
		Beige green weakly sericitic chloritic fine grained altered greywacke, weakly foliated at												
		50-60 deg, gradational upper contact and poorly defined lower contact.												
232.90	247.80	Basalt	46654	240.00	241.10	1.10	<.03			10	3			
		232.9-240.0	46655	241.10	242.20	1.10	<.03			10	5			
		Dark green magnetic calcitic fine grained basalt with 5-10% irregular white calcite vein	46656	242.20	243.40	1.20	<.03			15	3			
		stock work, trace pyrite.	46657	243.40	244.50	1.10	<.03			20				
		240.0-243.4	46658	244.50	245.60	1.10	<.03				tr			
		Green nonmagnetic calcitic chloritic basalt with 10-15% irregular calcite veining at 0-40	46659	245.60	246.70	1.10	<.03			2	1			
		deg, 3-5% fine in medium grained pyrite in veining and basalt.	46660	Blank			<.03							
		242.25-242.60	46661	246.70	247.60	0.90	<.03			2	1			
		Chloritic 2 mm wide chloritic fault-calcite vein at 10 deg.	46662	247.60	248.80	1.20	<.03				tr			
		243.4-247.8	46663	248.80	250.00	1.20	<.03				tr			
		Lime green red and dark green epidote-chlorite altered strongly magnetic fractured to	46664	250.00	251.00	1.00	<.03							
		brecciated basalt with 5-15% magnetite finely disseminated and 0.1-3 cm wide veins at	46665	251.00	252.00	1.00	<.03							
		20 deg, 1%, 1-5 mm calcite-specularite veining, trace to 1% medium grained pyrite.	46666	252.00	253.00	1.00	<.03							
247.80	248.70	Oxide Iron Formation												
		247.8-248.7												
		Dark red green black chloritic hematitic oxide iron formation, finely bedded at 60 deg,												
		trace pyrite, trace calcite-specularite veining at 60 deg.												
248.70	255.20	Mafic Intrusive												
		248.7-255.2												
		Dark green strongly magnetic massive calcitic chloritic mafic intrusive, 1%, 1-2 mm												
		barren calcite veining at 20-60 deg, 1-2%, 1-3 cm irregular dark red syenite dykes at 60												
		80 deg with trace chalcopyrite, sharp contacts at 70 deg trace pyrite in mafics.												

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
255.20	258.50	Oxide Iron Formation											
		Dark green red black hematitic finely bedded at 60 deg lean oxide iron formation to	46667	255.20	256.20	1.00	<.03				tr		
		siltstone to cherty sediments, locally drag-folded and intruded by 10-30 cm wide talc	46668	256.20	256.90	0.70	<.03				3		
		chlorite schist, 1-2% finely disseminated pyrite in iron formation. 1%, 1-2 mm wide	46669	256.90	257.40	0.50	<.03				1		
		calcite veining at 10-30 deg with trace chalcopyrite.	46670	257.40	258.00	0.60	<.03			15	tr		
		257.4-258.0	46671	258.00	258.70	0.70	<.03				10		
		Talc chlorite schist fault breccia zone with 5 mm wide fault gouge at 80 deg at 257.55	46672	258.70	259.30	0.60	<.03				tr		
		m and 13 cm wide brown red quartz vein at 80-60 deg with 1 % pyrite at 257.72 m.	46673	259.30	260.50	1.20	<.03			10			
			46674	260.50	261.50	1.00	<.03			3			
258.50	266.60	Komatiite and Lean Oxide Iron Formation	46675	261.50	262.20	0.70	<.03			5			
		Dull olive green medium grained weakly magnetic weakly carbonated weakly foliated at	46676	262.20	263.30	1.10	<.03			5	tr		
		50-60 deg, komatiite with 25%, 20-60 cm thick, red grey black hematitic strongly	46677	263.30	264.20	0.90	<.03			5	tr		
		magnetic lean oxide iron formation to siltstones finely bedded at 70 deg.	46678	264.20	264.90	0.70	<.03						
		264.9-266.6	46679	264.90	265.60	0.70	<.03			3			
		Brick red fine grained 1-5 cm wide syenite dykes drag-folded at 20-90 deg with trace	46680	265.60	266.60	1.00	<.03			1	tr		
		pyrite in stronger carbonated komattite with 5%, 5-10 cm wide sedimentary horizons.	46681	266.60	267.50	0.90	<.03			40	tr		
			46682	267.50	268.50	1.00	<.03			45			
266.60	278.85	Carbonated Ultramafics and Syenite Dykes	46683	268.50	269.40	0.90	<.03			50			
		Green grey white nonmagnetic carbonated ultramafics with 30-40% ankerite veining, 1-	46684	269.40	270.40	1.00	<.03			50			
		2% grey white quartz-ankerite drag-folded fragments and veins at 60-90 deg, 20%, 1-	46685	Au std # 8			4.11						
		70 cm wide drag-folded bright orange red fine grained syenite dykes at 30-90 deg with	46686	270.40	271.50	1.10	<.03			50			
		trace disseminated pyrite and chalcopyrite.	46687	271.50	272.70	1.20	<.03			40			
			46688	272.70	273.70	1.00	<.03			35			
278.85	280.80	Oxide Iron Formation and Siltstone	46689	273.70	274.50	0.80	<.03			45			
		Maroon green black hematitic oxide iron formation to fine grained siltstones, bedded at	46690	274.50	275.30	0.80	<.03			45			
		50 deg, 0.5% finely disseminated pyrite, 2%, 1-3 mm wide white calcite+-quartz	46691	275.30	276.00	0.70	<.03			5	tr		
		veining.	46692	276.00	277.10	1.10	<.03			3	tr		
			46693	277.10	278.00	0.90	<.03			40			
280.80	287.60	Dull Green Carbonate	46694	278.00	278.80	0.80	<.03			50			
		280.8-281.7	46695	278.80	279.90	1.10	<.03			5	0.5		
		Dull lime green carbonated ultramafic, weakly foliated at 50 deg.	46696	279.90	280.80	0.90	<.03			3	tr		
		281.7-282.4	46697	280.80	281.70	0.90	<.03			45			
		Grey beige to grey sericitic silica flooded vein, foliated at 55 deg, 10% fine to medium	46698	281.70	282.50	0.80	<.03			50	10		
		grained pyrite, sharp upper contact at 60 and sharp lower contact at 40 deg.	46699	282.50	283.30	0.80	<.03			40	tr		
		282.4-286.2	46700	283.30	284.20	0.90	<.03			50	tr		
		Dull lime green and white carbonated ultramafics with 40-60 ankerite veining, grey	46701	284.20	285.30	1.10	<.03			60	tr		
		chloritic fault slips at 30 and 50 deg, 70% RQD.	46702	285.30	286.20	0.90	<.03			40			
		286.2-287.6	46703	286.20	287.00	0.80	<.03			10	tr		
		Light grey tan siliceous fine grained silicified weakly sericitic altered felsic dyke,	46704	287.00	287.60	0.60	<.03			10	tr		
		fractured at 30-90 deg, trace pyrite, upper contact broken, lower contact marked by	46705	287.60	289.00	1.40	<.03			35			
		graphitic quartz ankerite fault at 20 deg.	46706	289.00	290.10	1.10	<.03			10	tr		
			46707	290.10	291.20	1.10	<.03			15	tr		
287.60	296.30	Carbonated Ultramafics and Syenite Dykes	46708	291.20	292.30	1.10	<.03			5	tr		
		Dark green and white chloritic carbonated ultramafic with 20-30% ankerite veining,	46709	292.30	293.30	1.00	<.03			3	tr		
		30%, 1-50 cm wide drag-folded magnetic to weakly magnetic bright orange red fine	46710	293.30	294.30	1.00	<.03			25	0.5		
		grained syenite dykes at 30-90 deg with 1%, 1-10 mm grey white irregular quartz	46711	294.30	295.30	1.00	<.03			30	0.5		
		veining and trace disseminated pyrite, drag-folded 0.5-2 cm wide brown altered bands	46712	295.30	296.30	1.00	<.03			40	tr		
		starting at 296.3 m.	46713	296.30	297.20	0.90	<.03			20	10		
			46714	297.20	298.20	1.00	<.03			20	10		

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
296.30	324.15	Green Carbonate Zone	46715	298.20	299.30	1.10	<.03			10	1		
		296.3-298.25	46716	299.30	300.30	1.00	<.03			30	tr		
		Dark grey to grey brown strongly magnetic siliceous to cherty sediments, moderately	46717	300.30	301.20	0.90	<.03			30	2		
		foliated/bedded at 30 deg, alternating dark green black chlorite-magnetite and quartz-	46718	301.20	302.20	1.00	<.03			40	1		
		pyrite bands, 5-10% fine to medium grained finely disseminated pyrite in siliceous	46719	302.20	303.10	0.90	<.03			45	0.5		
		bands, trace arsenopyrite? 1%, 0.2-1 cm grey quartz veining at 40 deg.	46720	303.10	304.20	1.10	<.03			50	tr		
		298.25-299.3	46721	Blank			<.03						
		Bright orange red to brick orange red magnetic fine grained silicified syenite dyke at 30-	46722	304.20	305.00	0.80	<.03			40	3		
		40 deg with 20% 2-5 cm pyritic siliceous magnetic sediment inclusions, 10%, 1-3	46723	305.00	306.00	1.00	<.03			30	tr		
		irregular grey quartz lenses in fractures, trace disseminated pyrite and chalcopyrite.	46724	306.00	307.00	1.00	<.03			30	tr		
		299.3-303.5	46725	307.00	308.00	1.00	<.03			30	tr		
		Dull grey to lime green to emerald green weakly fuschitic altered carbonated deformed	46726	308.00	309.00	1.00	<.03			25	tr		
		ultramafic moderately foliated and drag-folded at 60-80 deg, 30-55% ankerite veining,	46727	309.00	310.00	1.00	<.03			30	tr		
		10%, 2-15 cm wide light beige tan sericitic silicified felsic dykes at 80-90 deg with 1%	46728	310.00	310.90	0.90	<.03			20	tr		
		grey white quartz veining and 10% disseminated pyrite, lower contact marked by 25	46729	310.90	312.00	1.10	<.03			20	tr		
		cm thick sericitic siliceous sediments finely foliated/bedded at 60 deg with 5% finely	46730	312.00	313.20	1.20	<.03			35	tr		
		disseminated pyrite, trace pyrite in ultramafics.	46731	313.20	314.20	1.00	<.03			5	0.5		
		303.5-310.9	46732	314.20	315.20	1.00	<.03			3	0.5		
		Bright emerald green fuschitic green carbonate with 50-60% white ankerite veining	46733	315.20	316.20	1.00	<.03			3	1		
		parallel to moderate foliation at 40-60-80 deg, locally drag-folded, 1-2%, 0.1-2 cm wide	46734	316.20	317.00	0.80	<.03			10	tr		
		later irregular grey quartz veins with ankeritic contacts at 60-80 deg with 1% medium	46735	317.00	318.00	1.00	<.03			20	tr		
		grained pyrite trace pyrite cubes in green carbonate.	46736	318.00	319.00	1.00	<.03			20	1		
		310.9-321.6	46737	Au std # 6			2.67						
		Bright green to paler green carbonate with 20-30 % ankerite parallel to weak to	46738	319.00	320.00	1.00	<.03			30	0.5		
		moderate foliation at 40-60 deg, 10%, 1-250 cm light beige tan sericitic silicified altered	46739	320.00	321.00	1.00	<.03			30	0.5		
		felsic dykes with irregular contacts at 40-80 deg, 0.5% to 10% fine to medium grained	46740	321.00	321.60	0.60	<.03			20	2		
		disseminated pyrite and 1-2%, 1-10 mm grey white quartz veins at 0-30 deg in dykes,	46741	321.60	322.40	0.80	<.03			50			
		trace disseminated pyrite in green carbonate.	46742	322.40	323.30	0.90	<.03			50	10		
		313.6-316.15	46743	323.30	324.20	0.90	<.03			5	0.5		
		Light beige tan siliceous sericitic altered felsic dyke with 1% disseminated pyrite and	46744	324.20	325.00	0.80	<.03			45	tr		
		2% quartz veining, contacts at 60 and 40 deg.	46745	325.00	326.00	1.00	<.03			45	tr		
		321.5	46746	326.00	327.00	1.00	<.03			50	tr		
		Grey clay fault gouge 5 mm wide at 70 deg.											
		321.6-323.3											
		Dull green grey carbonated ultramafics with 60% ankerite veining and 1%, 1-3 cm light											
		tan altered felsic dykes with trace pyrite, moderately foliated at 60-70 deg.											
		322.50-322.58											
		Grey quartz pyrite veining 1-3 cm wide at 40-80 deg with 60% fine grained pyrite.											
		323.3-324.15											
		Red magnetic hematitic siliceous syenite dyke at 50-70 deg with 0.5% disseminated											
		pyrite, trace chalcopyrite and 2% irregular quartz veining at 0-30 deg.											
324.15	360.80	Talc Chlorite Schist											
		Green black and white magnetic talc chlorite schist, strongly foliated at 60-80 deg with											
		1-2 mushy fault gouges at 60-80 deg, 5-20% white ankerite veining, trace 0.5-30 cm											
		wide pyritic hematitic felsic dykes and occasional 1 cm semi massive veins to 337.5 m,											
		grey green red black, 5-250 cm thick weakly to strongly magnetic well bedded fine											
		grained chloritic siltstone horizons with trace disseminated pyrite, bedding at 60-70											
		deg, <20 cm horizons are drag-folded.											

DESCRIPTION : Hole No. PW10_3													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		333.45-333.46	46747	333.00	333.60	0.60	<.03			30	5		
		Massive boudinaged pyrite/marcasite vein at 40 deg with 2% calcite fractures.											
		335.7-336.0	46748	335.70	336.00	0.30	<.03			2	0.5		
		Pink grey silicified hematitic felsic dyke at 40 deg with 0.5% pyrite.	46749	336.00	336.80	0.80	<.03			30	tr		
		337.0-337.5	46750	Blank			<.03						
		5%, 1-2 cm wide grey ankerite-pyrite veining at 40-50 deg, 30-70% medium grained	46751	336.80	337.50	0.70	<.03				10		
		pyrite/marcasite.											
		339.85-343.5	46752	339.80	340.90	1.10	<.03			20	1		
		60%, 5-20 cm wide drag-folded dark green to red brown weakly magnetic fine grained											
		siltstone horizon with 1% finely disseminated pyrite.											
		348.53-348.67	46753	347.80	348.80	1.00	<.03			30	0.5		
		Pink brown to dark green silicified sericitic hematitic altered finely bedded siltstone at											
		70 deg with 1% pyrite, 1-3 cm drag-folded siltstone for 60 cm above upper contact.											
		349.8-355.4	46754	353.00	353.60	0.60	<.03			25	tr		
		Dark green to brown green strongly chloritic altered siltstones, finely bedded/foliated at											
		60-70 deg, 2% ankerite-quartz and quartz-ankerite veining, trace pyrite.											
		358.4-359.0	46755	358.40	359.20	0.80	<.03			25	tr		
		Dark green chloritic sediments drag-folded at 30-60 deg.	46756	359.20	360.00	0.80	<.03			15	1		
		359.0-359.3											
		Brown biotitic altered mafic dyke at 40-60 deg, lamprophyre?											
		359.3-359.5											
		Orange red silicified felsic dyke at 60-80 deg with 1% disseminated pyrite.											
		359.5-359.8											
		50% brown grey finely bedded sericitic siltstones 3-10 cm wide in talcose ultra mafic,											
		1% finely disseminated pyrite in sediments.											
360.80	369.50	Altered Siltstones											
		360.8-367.8											
		Dark green grey to brown beige green strongly chloritic to weakly sericitic altered fine											
		grained siltstones, finely bedded/foliated at 60-80 deg, locally broadly drag-folded.											
		367.8-369.5	46757	367.80	368.80	1.00	<.03			2	0.5		
		Light yellow beige ankeritic sericitic altered siltstones, finely bedded/foliated at 80-90	46758	368.80	369.50	0.70	<.03			2	0.5		
		deg, one 10 cm wide sericitic felsic dyke at 150 deg at 368.5-368.6 m, 3%, 1-10 mm	46759	369.50	370.80	1.30	<.03			2	1		
		light grey irregular quartz veining at 30-90 deg, trace pyrite along foliation planes.											
369.50	387.20	Altered Conglomerate											
		Grey green to light yellow beige ankeritic sericitic and chloritic altered conglomerate											
		with 0.2-5 cm wide stretched sericitic altered felsic clasts in a fine grained sericitic											
		chloritic ankeritic altered siltstone to greywacke matrix, alteration decrease with depth,											
		moderately foliated at 60-70 deg, trace to 1% medium grained pyrite along foliation											
		planes to 374.4 m, <1% quartz-ankerite veining.											
		374.4-376.1	46760	374.40	375.20	0.80	<.03			10	1		
		Yellow beige strongly sericitic altered siltstone, foliation at 55-60 deg, 1% finely	46761	375.20	376.10	0.90	<.03			3	1		
		disseminated pyrite along foliation planes, 20 cm wide quartz-ankerite-chlorite breccia											
		vein at 60-70 deg at 374.85-375.05 m.											

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
387.20	439.40	Conglomerate												
		Dark green grey and maroon red matrix-supported conglomerate with red hematitic altered syenite clasts in fine to medium grained chloritic greywacke matrix, ankeritic and weakly magnetic to 391 m and then strongly magnetic and calcitic, weakly foliated at 30-40 deg, weakly to moderately chloritic fractured at 10-40 deg, gradational lower contact over 2 m as magnetism deceases and quartz-ankerite veining dramatically increases and core is more deformed, RQD 95-50%												
439.40	449.30	Deformed Conglomerate												
		Dark green and grey green strongly ankeritic chloritic nonmagnetic deformed conglomerate and medium to coarse grained chloritic greywacke, 5-15%, 0.2-5 cm wide irregular white cream and light orange pink quartz-ankerite-albite veining parallel to drag-folded deformation at 40 deg.												
449.30	455.20	Conglomerate												
		Green grey to grey magnetic weakly ankeritic chloritic matrix-supported conglomerate with weakly sericitic altered felsic clasts in a medium grained chloritic greywacke matrix, very weakly foliated at 40-50 deg.												
455.20	461.80	Chloritic Greywacke												
		455.2-459.8												
		Dark green strongly magnetic calcitic coarse grained altered greywacke, 1-3%, 1-5 mm wide mauve pink white quartz+-calcite veining at 60-70 deg, minor trace pyrite.												
		459.8-461.8	46762	459.80	460.70	0.90	<.03			10				
		Chloritic magnetic greywacke with increase in mauve pink quartz calcite veining at 70 deg locally drag-folded.	46763	460.70	461.80	1.10	<.03			15	tr			
			46764	461.80	462.30	0.50	<.03			10	1			
			46765	462.30	463.30	1.00	<.03			10	1			
461.80	463.30	Hematitic Mudstone	46766	463.30	464.00	0.70	<.03			2	tr			
		Red brown magnetic silicified aphanitic hematitic altered mudstone, finely banded to drag-folded to massive, chlorite-magnetite slips parallel to bedding/foliation at 40 deg, 10%, 1-5 mm wide grey quartz veining parallel to foliation with trace pyrite, 1% finely disseminated pyrite.	46767	464.00	464.80	0.80	<.03			3				
463.30	586.90	Chloritic Greywacke												
		463.3-489.9												
		Dark green grey calcitic weakly magnetic medium to coarse grained chloritic altered greywacke, locally conglomeratic over 20-30 cm, massive to very weakly foliated at 60 deg, 1%, 1-10 mm mauve pink white quartz-calcite veining g at 60-70 deg.												
		489.9-491.75												
		Red grey and dark green strongly magnetic deformed clast-supported conglomerate with red grey hematitic stretched syenite clasts in a medium grained chloritic greywacke matrix, foliation at 50 deg.												
		491.75-583.90												
		Dark green grey magnetic to weakly magnetic weakly calcitic chloritic altered medium grained greywacke with scattered 1-3 cm syenite siltstone and basalt clasts, massive to weakly foliated at 30-40 deg defined by stretched clasts, 1%, 1-10 mm calcite veining at 30-80 deg.												

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		583.9-586.9	46768	583.90	584.90	0.90	<.03			5	tr			
		Dark green to green grey nonmagnetic calcitic chloritic weakly talcose altered deformed	46769	584.90	585.90	1.00	<.03			3	tr			
		matrix-supported conglomerate with red hematitic syenite stretched clasts parallel to a	46770	Au std # 7			0.55							
		weak to moderate foliation at 30 deg, 3-5%, 0.5-1.5 grey white quartz-ankerite vein	46771	585.90	586.90	1.00	<.03			3	tr			
		fragments drag-folded veins and veining parallel to foliation, trace pyrite.												
586.90	609.00	Trachyte Tuff												
		586.9-599.9												
		Green black weakly magnetic calcitic medium grained trachyte tuff to mafic ash tuff,												
		massive to weakly foliated at 40 deg, 2%, 1-5 mm white calcite veining at 10-50 deg.												
		599.9-606.0												
		Dark green black and red, weakly magnetic chloritic brecciated trachyte tuff with red												
		hematite altered 1-5 cm fragments and veins, 5-10% ankerite-calcite+-quartz breccia												
		matrix, chloritic fractured at 15-60 deg, RQD 10%.												
		606.0-609.0												
		Dark green black chloritic fault breccia more massive over lower 1.5 m, 1-5 mm fault												
		gouge at 20-50 deg, red hematitic altered fragments, 10% ankerite+-quartz breccia												
		matrix, 1-2%, 1-5 mm pink white calcite gash veining.												
609.00	617.30	Altered Brecciated Trachyte Tuff	46772	609.00	609.80	0.90	<.03			3				
		Dark green black orange red orange pink and cream white hematitic albitized strongly	46773	609.80	610.80	1.00	<.03			3	0.5			
		brecciated altered trachyte tuff, 5-15%, ankerite+-quartz breccia matrix, 2-3%, 0.1-2.5	46774	610.80	611.80	1.00	<.03			3	tr			
		cm wide specularite+-ankerite veining at 0-40 deg, fractured at 20-50 deg, trace -0.5%	46775	611.80	612.70	0.90	<.03			10	tr			
		finely disseminated pyrite in stronger albitized sections, trace to 0.5%, 1x3 mm	46776	612.70	613.50	0.80	<.03			10	tr			
		chalcopyrite lenses in ankerite veining over lower 2 m, irregular gradational contacts.	46777	613.50	614.40	0.90	<.03			5	tr			
			46778	614.40	615.30	0.90	<.03			2	tr			
617.30	662.40	Trachyte Tuff	46779	615.30	616.30	1.00	<.03			15	tr			
		617.3-623.9	46780	616.30	617.30	1.00	<.03			10	0.5			
		Dark green black and red weakly to strongly magnetite medium grained trachyte tuff	46781	617.30	618.00	0.70	<.03			1				
		with patchy fracture-controlled hematite alteration over 5-30 cm, 5-10% irregular												
		ankerite veining at 20-50 deg.												
		623.9-662.4												
		Black green fine to medium grained strongly magnetic trachyte tuffs, massive to weakly												
		bedded/foliated at 30-40 deg, 1-2%, 1-10 mm pink white calcite+-chlorite+-quartz												
		veining at 30-60 deg, very irregular but sharp lower contact.												
		641.95-642.15	46782	641.80	642.30	0.50	<.03			10				
		Grey white glassy quartz veining 1-3 cm wide at 30 deg with hematite-chlorite contacts												
		655.6-655.8	46783	655.60	656.20	0.60	<.03			25				
		Grey white orange red quartz-chlorite-kspar breccia vein at 30-40 deg.												
662.40	666.55	Syenite	46784	662.40	663.50	0.90	<.03				tr			
		Dark red strongly magnetic medium grained strongly hematitic altered syenite dyke,	46785	663.50	664.60	1.10	<.03				0.5			
		chloritic-hematitic fractured to finely brecciated at 40 deg, 1%, 1-5 mm calcite-quartz	46786	664.60	665.60	1.00	<.03			2	0.5			
		veining at 30-40 deg trace to 0.5% finely disseminated pyrite, irregular upper contact	46787	665.60	666.60	1.00	<.03			2	0.5			
		sharp lower contact, weakly foliated at 30 deg.												

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
666.55	701.50	Trachyte Tuff to Lapilli Tuff											
		666.55-691.8											
		Dark grey green to black green calcitic, fine to medium grained strongly magnetic trachyte tuff, massive to weakly bedded at 40-50 deg.											
		671.5-676.4											
		Red magnetic coarser grained chloritic hematitic altered trachyte tuff.											
		691.8-701.5											
		Dark black green with red clasts, strongly magnetic trachyte lapilli tuff with 1-3 cm rounded to stretched red fine to medium grained red to orange red trachyte/syenite clasts in a medium grained chloritic mafic trachyte tuff matrix, very weakly foliated at 30 40 deg.											
701.50	716.90	Deformed Trachyte Lapilli Tuff to Tuff											
		701.5-704.4	46788	701.50	702.50	1.00	<.03						
		Dark red green grey and black strongly magnetic hematitic strongly deformed trachyte	46789	702.50	703.30	0.80	<.03				tr		
		lapilli tuff with 1-2 cm wide stretched trachyte/syenite clasts in chloritic trachyte tuff	46790	703.30	704.40	1.10	<.03			1	0.5		
		matrix and finely bedded laminated fine grained chloritic hematitic trachyte tuff with trace disseminated pyrite, strong foliation/bedding at 30 deg.											
		704.4-711.0											
		Pink red and dark grey green magnetic to weakly magnetic chloritic ankeritic deformed altered trachyte tuff to lapilli tuff, matrix becomes more mafic to ultramafic and ankeritic with depth, strongly foliated at 30-50 deg and drag-folded towards lower contact, <1%, 1-10 mm wide ankerite-chlorite veining parallel to foliation.											
		711.0-716.9											
		Green to pink white red nonmagnetic chloritic ankeritic deformed altered trachyte tuff to lapilli tuff, moderately foliated at 60 deg, 5%, 2-10 cm wide pink white light grey barren quartz-ankerite-kspar veining at 30-50 deg,											
		NOTE: At 717 m drillers broke shell and bit off in hole twice, a steel wedge was placed at 384 m at 360 deg, coring started again at 685.8 m.											
685.80	708.10	Trachyte Tuff to Lapilli Tuff											
		685.8-708.1											
		Dark grey green to black green calcitic fine to medium grained strongly magnetic trachyte tuff, massive to weakly bedded at 20-30 deg.											
708.10	730.00	Deformed Trachyte Lapilli Tuff to Tuff											
		708.1-710.6	46791	708.10	708.90	0.80	<.03			1			
		Dark black green to dark red, strongly magnetic ankeritic strongly hematite altered	46792	708.90	710.00	1.10	<.03			2	tr		
		trachyte tuffs to lapilli tuffs, strongly deformed/foliated at 30 deg, trace pyrite cubes in	46793	Blank			<.03						
		black magnetic bands, 1%, 1-10 mm wide ankerite+-quartz veining parallel to foliation,	46794	710.00	711.00	1.00	<.03			2	tr		
		light greenish grey fine grained 10 cm wide felsic dyke at 40 deg at 711.3 m.	46795	711.00	711.60	0.60	<.03			2			
		710.6-730.0											
		Black green red pink white magnetic ankeritic chloritic weakly hematitic deformed altered trachyte tuffs to lapilli tuffs, moderately foliated and drag-folded at 30-70 deg.											
730.00	756.70	Trachyte Tuff to Lapilli Tuff											
		730.0-733.0											
		Grey green to black green to red pink magnetic ankeritic chloritic altered trachyte tuffs, weakly foliated at 20-30 deg.											

DESCRIPTION : Hole No. PW10_3													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		733.0-737.4	46796	733.00	734.20	1.20	<.03			10			
		Grey black green chloritic ankeritic trachyte tuffs with 10-20 %, 2-10 cm wide irregular	46797	734.20	735.50	1.30	<.03			20	tr		
		grey white pink orange pink quartz-ankerite-calcite-kspar veining at 15-30 deg parallel	46798	735.50	736.40	0.90	<.03			15	tr		
		to foliation, trace pyrite and chalcopyrite in veining.	46799	736.40	737.40	1.00	<.03			15			
		737.4-756.7											
		Grey to dark green magnetic ankeritic chloritic altered trachyte tuffs to lapilli tuffs with											
		red stretched hematitic trachyte clasts, weakly foliated at 20-30 deg.											
756.70	782.90	Chloritic Greywacke to Conglomerate											
		Grey green calcitic chloritic altered greywacke to matrix-supported conglomerate with											
		stretched sediment trachyte and quartz clasts, weakly foliated at 50-70 deg, 1-2%, 1-5											
		mm white calcite veining and flecks, upper contact at 30 deg determined by lost of											
		magnetics and appearance of polymictic clasts including quartz mudstones.											
782.90	786.10	Conglomerate	46800	782.90	784.00	1.10	<.03			5	1		
		Green and red to brown red weakly magnetic calcitic chloritic hematitic altered clast-	46801	784.00	785.10	1.10	<.03			3	0.5		
		supported polymictic conglomerate with rounded to stretched hematitic trachyte syenite	46802	785.10	786.10	1.00	<.03			2	tr		
		and quartz clasts, moderately foliated and drag-folded at 50-60 deg, 3-5%, 0.5-1 cm											
		wide grey white boudinaged drag-folded sugary quartz veining parallel and cross-											
		cutting foliation, 0.5%, finely disseminated pyrite in quartz veining and along vein											
		contacts in altered wallrocks.											
786.10	790.70	Trachyte Lapilli Tuff											
		Dark black green and dark red calcitic strongly magnetic trachyte lapilli tuff with 0.5-2											
		cm wide stretched hematitic altered trachyte clasts in a fine to medium grained chloritic											
		mafic tuffaceous matrix, moderately foliated at 30-40 deg.											
790.70	814.65	Carbonate Zone	46803	800.70	801.70	1.00	<.03			50	tr		
		Dark black green pink brown and dull grey white strongly magnetic and ankeritic mafic	46804	801.70	802.70	1.00	<.03			55	0.5		
		to ultramafic medium grained rock of uncertain origin with 40-60%, 0.2-2 cm wide	46805	802.70	803.80	1.10	<.03			60	1		
		irregular dull grey white and pink brown drag-folded fragmented ankerite veining at 0-30											
		deg, pink brown intervals are more magnetic drag-folded with 1% disseminated pyrite	46806	813.50	814.60	0.90	<.03			30			
		and finely "laminated" looking like interflow sediments or trachyte tuffs, upper contact	46807	814.60	815.60	1.00	<.03			40	0.5		
		gradational to 798.7 m with orange pink altered clasts still visible.	46808	815.60	816.60	1.00	<.03			30	tr		
			46809	816.60	817.70	1.10	<.03			1			
814.65	819.30	Dull Green Carbonate Zone	46810	817.70	818.50	0.80	<.03			25	tr		
		Grades into a dull grey to green to emerald green nonmagnetic carbonated weakly	46811	818.50	819.30	0.80	<.03			90	tr		
		sericitic weakly fuschitic altered dull green carbonate zone, massive to weakly foliated	46812	819.30	819.80	0.50	<.03			2	1		
		at 35-40 deg, appears to be altered lapilli tuff intruded by 5-40 cm wide carbonated	46813	819.80	820.30	0.50	<.03			1	tr		
		ultramafic dykes, 1-80 cm wide irregular white medium grained quartz veining at 40 deg	46814	820.30	821.30	1.00	<.03			2	tr		
		with fuschitic altered inclusions and minor traces of molybdenite, upper contact marked	46815	821.30	822.20	0.90	<.03			2	tr		
		by 10 cm orange white grey quartz-ankerite-albite vein at 70-75 deg with 0.5% finely	46816	822.20	823.10	0.90	<.03			3	0.5		
		disseminated pyrite.	46817	823.10	823.90	0.80	<.03			10			
			46818	Au std # 6			2.61						
819.30	822.80	Syenite	46819	823.90	824.70	0.80	<.03			30			
		Maroon red weakly ankeritic, silicified and hematitic, strongly magnetic medium grained	46820	824.70	825.30	0.60	<.03			5	tr		
		syenite, weakly sericitic nonmagnetic with 1% finely disseminated pyrite over upper 35	46821	825.30	826.10	0.80	<.03			3			
		cm, upper contact at 75 deg, lower contact at 50 deg.	46822	826.10	826.80	0.70	<.03			2			
			46823	826.80	827.90	1.10	<.03						

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
822.80	835.90	Altered Trachyte Lapilli Tuffs	46824	827.90	829.00	1.10	<.03							
		822.8-826.8	46825	829.00	830.00	1.00	<.03			2	tr			
		Weak emerald green to beige brown to brown green to red grey nonmagnetic	46826	830.00	831.00	1.00	<.03			3	tr			
		carbonated altered trachyte lapilli tuffs, fuschitic and sericitic with trace pyrite over	46827	831.00	831.90	0.90	<.03			2	tr			
		upper 30 cm, weakly foliated at 50 deg.	46828	831.90	832.90	1.00	<.03							
		824.83-825.13	46829	832.90	833.90	1.00	<.03				tr			
		Maroon red strongly magnetic ankeritic hematitic altered syenite dyke at 70 deg.	46830	Blank			<.03							
		826.8-833.9	46831	833.90	834.90	1.00	<.03			60				
		Red and grey green ankeritic magnetic trachyte lapilli tuff with red 1-2 cm wide salmon	46832	834.90	835.90	1.00	<.03			35				
		red stretched trachyte clasts in a chloritic ankeritic altered mafic trachyte tuffaceous	46833	835.90	836.90	1.00	<.03			30	tr			
		matrix, weakly foliated at 50-55 deg, trace pyrite, <1%, 1-10 mm wide dark grey and	46834	836.90	837.90	1.00	<.03			10				
		white fragmented and drag-folded quartz-ankerite veining parallel to foliation with minor	46835	837.90	839.00	1.10	<.03			15				
		traces of pyrite and chalcopyrite.	46836	839.00	840.00	1.00	<.03			10				
		833.9-835.9	46837	840.00	841.00	1.00	<.03			10				
		Dark green and pink salmon white strongly magnetic ankeritic carbonated chloritic	46838	841.00	841.90	0.90	<.03			5				
		altered trachyte lapilli tuffs with 60-70 % off white and pink white ankerite vein material,	46839	841.90	842.90	1.00	<.03			10	tr			
		a few 1-1.5 cm salmon pink trachyte clasts are still visible, trace pyrite cubes, weakly	46840	842.90	844.00	1.10	<.03			15				
		foliated at 70 deg, lower contact at 70 deg, upper contact gradational with ankerite	46841	844.00	845.10	1.10	<.03			5	tr			
		veining increasing with depth.	46842	845.10	846.10	1.00	<.03			2	tr			
			46843	846.10	846.90	0.80	<.03			5				
835.90	866.00	Green Carbonate Zone	46844	846.90	848.00	1.10	<.03			15	3			
		835.9-854.0	46845	848.00	849.10	1.10	<.03			10	3			
		Bright emerald green and white deformed ankeritic fuschitic green carbonate zone with	46846	849.10	849.80	0.70	<.03			10	tr			
		15-20%, 1-50 cm wide yellow beige sericitic altered felsic dykes at 30-70 deg with trace	46847	849.80	850.60	0.80	<.03			3				
		fine to medium grained pyrite cubes, moderately foliated and drag-folded at 10-70 deg,	46848	850.60	851.40	0.80	<.03			10	tr			
		10-15%, 0.2-3 cm wide white to light grey quartz veins with ankerite rimmed contacts at	46849	851.40	852.10	0.70	<.03			25	5			
		0-70 deg weaving in and out of core parallel and cross-cutting foliation, minor traces of	46850	Au std # 7			1.37							
		pyrite in green carbonate.	46851	852.10	853.10	1.00	<.03			20				
		836.14-836.15	46852	853.10	854.00	0.90	<.03			20				
		Dark grey quartz vein at 130 deg cross-cutting weak foliation at 50 deg, trace pyrite	46853	854.00	855.00	1.00	<.03			1				
		and chalcopyrite.	46854	855.00	856.00	1.00	<.03			1				
		846.9-849.0 and 851.4-852.1	46855	856.00	857.00	1.00	<.03			1				
		Light grey to grey weakly ankeritic strongly silicified medium grained altered felsic	46856	857.00	858.00	1.00	<.03			1				
		dykes at 30-25 deg and 10-25 deg respectively, 5-8% finely disseminated fine grained	46857	858.00	859.00	1.00	<.03			1				
		silver coloured sulphide/arsenopyrite and 1-3%, fine to medium grained cube pyrite, 10-	46858	859.00	860.20	1.20	<.03			10				
		15%, 0.2-1.5 light grey quartz-ankerite veining at 0-70 deg as above cut by 1-2%, 1-5	46859	860.20	861.00	0.80	<.03			10				
		mm wide ankerite+-quartz at 50-80 deg.	46860	861.00	862.00	1.00	<.03			3				
		854.0-865.1	46861	862.00	863.00	1.00	<.03			1				
		Green carbonate but not as bright as above and more sericitic with depth and <5%	46862	863.00	864.20	1.20	<.03			5				
		quartz-ankerite veining also sericitic altered intervals are finely laminated and look like	46863	864.20	865.10	0.90	<.03							
		altered finely bedded sediments, trace pyrite, foliation at 30-50 deg.	46864	865.10	866.00	0.90	<.03			3				
			46865	866.00	867.00	1.00	<.03			5				
866.00	916.00	Altered Sericitic Carbonated Sediments	46866	867.00	867.90	0.90	<.03							
		866.0-868.8	46867	867.90	868.80	0.90	<.03			10				
		Black green to light yellow beige chloritic-sericitic-ankeritic deformed altered mudstones												
		to siltstones, strongly foliated and drag-folded at 30-60 deg, 3%, 0.2-1.5 cm irregular												
		quartz-ankerite veining parallel to foliation.												

DESCRIPTION : Hole No. PW10_3														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		868.8-873.8	46868	874.70	875.70	1.00	<.03			10	tr			
		Grey fine grained weakly ankeritic and sericitic altered massive greywacke, 1-2%, 1-5	46869	875.70	876.70	1.00	<.03			10	tr			
		mm ankerite+-quartz veining at 50-60 deg.	46870	876.70	877.70	1.00	0.07			10	tr			
		873.8-884.7	46871	Blank			<.03							
		Light yellow to yellow beige white ankeritic deformed carbonated mudstones siltstones	46872	877.70	878.70	1.00	<.03			10	0.5			
		and greywacke with 5-15%, 1-10 mm wide cream white ankerite veining parallel to	46873	878.70	879.70	1.00	<.03			5	tr			
		moderate foliation at 30-70 deg, 1% grey boudinaged quartz+-ankerite veining cross-	46874	879.70	880.70	1.00	<.03			10	tr			
		cutting earlier ankerite veining, trace medium grained pyrite along quartz vein contacts	46875	880.70	881.70	1.00	<.03			15	1			
		884.7-889.8												
		Light creamy yellow sericitic ankeritic altered fine grained greywacke and mudstones	46876	888.80	889.80	1.00	<.03			3	0.5			
		with decrease in deformation and ankerite veining, greywackes contain ,0.5 mm	46877	889.80	890.80	1.00	<.03			20	0.5			
		fuchsite-chlorite specks and 0.5% finely disseminated pyrite cubes.	46878	890.80	891.80	1.00	<.03			15	0.5			
		889.8-893.7	46879	891.80	892.70	0.90	<.03			20	tr			
		Light yellow beige and green sericitic and chloritic deformed mudstones, moderately	46880	892.70	893.70	1.00	<.03			20	tr			
		foliated at 20 deg, 3-5%, 1-5 mm ankerite veining at 0-70 deg, trace medium grained												
		pyrite along ankerite vein contacts.												
		893.7-900.15												
		Light grey to yellow beige weakly sericitic ankeritic fine grained greywackes and												
		siltstones, 5%, 1-10 mm light cream white ankerite+ quartz veining at 40-50 deg.												
		900.15-901.25	46881	900.10	901.20	1.10	<.03			15	1			
		Light yellow beige sericitic ankeritic mudstones with 10%, grey boudinaged quartz+-												
		ankerite veining at 0-50 deg, 1% medium grained pyrite along vein contacts.												
		901.15-916.0												
		Light grey to yellow beige weakly sericitic ankeritic fine grained greywackes and												
		siltstones, 5%, 1-10 mm light cream white ankerite+ quartz veining at 40-50 deg.												
	916.00	EOH												
		Casing left in hole.												

PROPERTY: Pawnee			HOLE NUMBER: PW10_4					
Province:	Ontario	**DATE LOGGED:** Feb 10-Feb 21, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** Wayne Benham	**Grid N**			0	315	-60.0
Started:	9-Feb-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	576135	REFLEX	15	298.9	-58.2
Completed:	20-Feb-10	**UNITS:** Metres	**UTM N:**	5331250		60	302.7	-57.8
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	330		120	304.7	-57.6
			Length:	552.0		160	307.8	-57.2
						220	310.0	-56.0
PURPOSE:	To test magnetic anomalies related to Larder Lake Break					297	312.7	-56.9
						372	315.8	-57.6
COMMENTS:	Hole collared at 315 deg, reflex tests 15-298 m suspect due to very strongly magnetic syenite. Samples # 46882-47000 and 37001-37040, 145 half core samples, 4 blank and 4 gold standard samples were assayed for Au g/t by Polymet Labs. RQD >75% unless noted					447	318.2	-56.9
						510	321.0	-54.9
						550	322.7	-53.7

SUMMARY LOG: PW10_4			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**7.00**	OVB						
7.00	**142.00**	Syenite						
142.00	**147.20**	Altered Syenite						
147.20	**154.00**	Syenite						
154.00	**160.50**	Altered Syenite						
160.50	**249.00**	Syenite						
249.00	**290.50**	Altered Syenite						
290.50	**346.30**	Syenite						
346.30	**348.45**	Altered Ultramafics						
348.45	**351.70**	Oxide Iron Formation						
351.70	**363.00**	Deformed Altered Sediments						
363.00	**368.50**	Talc Chlorite Schist						
368.50	**374.10**	Deformed Altered Conglomerate						
374.10	**381.50**	Altered Mafic Intrusive						
381.50	**386.10**	Altered Ultramafic						
386.10	**407.00**	Dull Green Carbonate Zone						
407.00	**415.00**	Felsic Dyke / Cherty Sediments, Carbonated Ultramafics						
415.00	**417.20**	Green Carbonate						
417.20	**438.50**	Talc Chlorite Schist						
438.50	**447.10**	Siltstones and Ultramafic						
447.10	**454.65**	Carbonated Ultramafic						
454.65	**464.70**	Deformed Altered Conglomerate						
464.70	**486.20**	Sericitic and Chloritic Greywacke						
486.20	**499.60**	Conglomerate						
499.60	**519.10**	Fault Zone						
519.10	**540.20**	Chloritic Greywacke						
540.20	**552.00**	Sericitic Chloritic Greywacke						
	552.00	EOH						

DESCRIPTION : Hole No. PW10 4														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
0.00	7.00	OVB												
		Casing to 6 m core starts at 7 m according to driller's 1st block at 9 m.												
7.00	142.00	Syenite												
		7.0-33.0												
		Dark red and locally orange red over 1-2 m sections, strongly magnetic very coarse grained syenite with k-spar crystals up to 10 mm 1-3%, grey green amphibole magnetite gangue, joints/fractures at 30-40-60 deg.												
		25-27												
		1.5 m ground core.												
		33.0-34.25												
		Dark green medium grained nonmagnetic mafic dyke, upper contact broken, 3-5 cm inclusions of syenite over upper 40 cm, sharp lower contact at 60 deg.												
		34.25-44.4												
		Dark red dark green and white strongly magnetic very coarse grained syenite with silicified white feldspars, chloritic joints/fractures at 30-50 deg.												
		44.4-111.15												
		Bright orange red strongly magnetic coarse grained hematite to possibly albitized altered syenite, 3-5%, dark green chloritic altered mafic gangue, chloritic joints at 20-50 deg, locally weakly brecciated.												
		49.75-50.75												
		Fault breccia zone with light green white 5 mm wide fault gouge at 5-20 deg, upper contact at 20 deg marked by fault gouge, lower contact broken, RQD 0%.												
		74.0[-75.0												
		Dark green medium grained nonmagnetic mafic dyke, upper contact broken, irregular upper contact, broken lower contact, broken core 80% recovery.												
		92.0-92.8												
		Red grey fault breccia zone, upper contact at 25 deg, 60% core recovery.												
		111.15-112.8												
		Light grey pink magnetic chloritic brecciated zone with chloritic fault slips ay 40-50 deg, sharp upper contact at 50 deg marked by chloritic fault, lower contact gradational.												
		112.8-141.0												
		Red orange red to grey pink magnetic coarse grained syenite more massive less fractured and hematitic altered than above, fractured at 40-60 deg, trace specularite+-quartz veining at 30 deg.												
		120.19-120.195												
		Chloritic fault gouge at 60 deg.												
		127.0-127.1												
		White to black green quartz+chlorite vein at 50 deg with grey chloritic 2 mm fault gouge at upper contact, broken core.												
		127.1-127.6	46882	126.50	127.60	1.1	<.03			10				
		Finely brecciated with 5% chloritic breccia matrix, chloritic fault gouge at lower contact at 20 deg.												
142.00	147.20	Altered Syenite	46883	142.00	143.00	1.00	<.03			15				
		Light pink non magnetic coarse grained weakly chloritic brecciated altered syenite with 2%, 1-15 cm wide white to white-green quartz+_chlorite veining at 60 deg with chloritic fault slip contacts, trace chalcopyrite in vein at 144.6 m, 1%, 0.1-3 cm irregular specularite+chlorite veining, gradational contacts.	46884	143.00	144.00	1.00	<.03							
			46885	144.00	145.00	1.00	<.03			3				
			46886	145.00	146.00	1.00	<.03							
			46887	146.00	147.10	1.10	<.03			1				

DESCRIPTION : Hole No. PW10_4														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
147.20	154.00	Syenite												
		Pink red strongly magnetic coarse grained syenite with <1 mm chloritic muddy fault slips												
		at 30-60 deg.												
154.00	160.50	Altered Syenite	46888	154.00	154.80	0.80	<.03			10				
		White-pink nonmagnetic to weakly magnetic coarse grained chloritic altered syenite with	46889	154.80	156.00	1.20	0.14							
		1-2%, 0.5-5 cm quartz veining at 40-50 deg with chloritic fault slip contacts.	46890	156.00	157.20	1.20	<.03							
		154.5-154.7	46891	157.20	158.30	1.10	<.03			1				
		Chlorite-quartz fault zone at 50 deg with fault gouge and 25% quartz veining.	46892	158.30	159.30	1.00	<.03							
			46893	159.30	160.40	1.10	<.03			2				
160.50	249.00	Syenite												
		160.5-177.05												
		Red pink red to bright orange red strongly magnetic coarse grained syenite, chloritic												
		fractured and fault slips at 10-50 deg.												
		165.2-165.8												
		Green fine grained nonmagnetic calcitic mafic dyke, upper contact broken, lower contact												
		marked by 1 cm wide fault at 50 deg with chloritic gouge.												
		170.45-170.60	46894	154.00	154.80	0.80	<.03			20	tr			
		White vuggy quartz-calcite vein at 60-20 deg, trace pyrite-chalcopyrite on chloritic	46895	Au std # 8			4.18							
		fracture, upper contact marked by 2 cm chloritic mafic dyke at 60 deg.												
		177.05-241.2												
		Pink red grey green strongly magnetic very coarse grained massive syenite.												
		194.19-194.28	46896	194.10	194.40	0.30	<.03			10				
		Two 1-2 cm white to dark grey quartz veins at 60 deg with chloritic contacts.												
		197.5-198.0 and 200.0-202.0												
		Ground core.												
		223.20-223.85	46897	222.20	223.20	1.00	<.03							
		Reddish green fine to medium grained massive, magnetic calcitic weakly hematitic	46898	223.20	223.90	0.70	<.03				tr			
		altered mafic dyke at 60-50 deg with trace disseminated pyrite.	46899	223.90	225.00	1.10	<.03			1	tr			
		223.85-224.90												
		Light grey to orange red, magnetic weakly chloritic brecciated weakly albitized coarse												
		grained syenite, lower contact marked by 1 cm white calcite vein at 50-40 deg with												
		chloritic fault slip at 40 deg along lower contact with trace chalcopyrite and pyrite.												
		241.04-241.05	46900	240.90	241.20	0.30	<.03			1				
		White quartz vein wedge with 25% 2-5 mm chalcopyrite blebs.	46901	241.20	242.20	1.00	<.03							
		241.2-249.0												
		Dark maroon red strongly magnetic coarse grained syenite, massive to weakly deformed												
		to finely red and black green banded at 70 deg over widths of 20-80 cm.												
249.00	290.50	Altered Syenite	46902	250.00	251.00	1.00	<.03							
		249.0-253.0	46903	251.00	252.00	1.00	<.03							
		Orange maroon red grading to bright orange red, strongly magnetic, albitized and	46904	252.00	253.00	1.00	<.03							
		hematitic altered syenite, primary coarse grained texture gradually destroy with depth,	46905	253.00	253.90	0.90	<.03			1				
		very weak foliation at 70 deg, chloritic fractured at 50-80 deg.	46906	253.90	254.50	0.60	<.03							
		253.0-254.5	46907	254.50	255.30	0.80	<.03							
		Bright orange red and grey black strongly magnetic banded deformed altered syenite,												
		foliation at 70 deg, chloritic fractured at 20-30 deg, RQD 0%.												

DESCRIPTION : Hole No. PW10 4														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		254.5-258.0											
		Bright orange red strongly magnetic coarse grained albitized massive altered syenite, 2%, 0.5-1 mm white sugary quartz veins and wisps at 20-30 deg.											
		258.0-260.8	46908	258.00	259.00	1.00	<.03				tr		
		Bright orange red magnetic albite-hematite altered syenite, moderately to strongly chloritic fracture at 0-30 deg, trace disseminated pyrite.	46909	259.00	259.80	0.80	<.03						
			46910	259.80	260.80	1.00	<.03				tr		
		260.8-290.5											
		Orange maroon red grading to bright orange red, strongly magnetic, albitized and hematitic altered syenite, locally primary coarse grained texture has been destroyed by strong hematite-albite alteration, chloritic fractured at 30-80 deg.											
		264.55											
		1-2 mm wide pyrite stringer at 70 deg.	46911	264.30	264.80	0.50	<.03				1		
		271.2-271.4											
		Grey nonmagnetic ultramafic dyke at 25 deg with medium grained olivine and 1% black tourmaline needle and zircons?	46912	271.00	271.70	0.70	<.03						
			46913	271.70	272.70	1.00	<.03						
		272.7-274.8 and 286.6-290.5	46914	272.70	273.80	1.10	<.03				tr		
		Bright orange red strongly altered syenite with primary intrusive textures destroyed, gradational contacts, 1% 1-5 mm grey siliceous veining, trace pyrite.	46915	273.80	274.80	1.00	<.03				tr		
			46916	286.00	287.60	1.60	<.03						
290.50	**346.30**	Syenite	46917	287.60	288.60	1.00	<.03						
		290.5-300.0	46918	Blank			<.03						
		Dark red maroon and green strongly magnetic coarse grained weakly chloritic and calcitic altered syenite, weakly finely brecciated with chlorite-calcite 15 breccia matrix.											
		300.0-302.35	46919	300.00	301.10	1.10	<.03			3			
		Dark black green and purple maroon, strongly magnetic calcitic brecciated syenite, weakly foliated at 50 deg, 3% white interstitial calcite veining.	46920	301.10	302.30	1.20	<.03			3			
		300.75-300.85											
		Brown green biotitic chloritic calcitic fault breccia zone at 50 deg.											
		302.35-313.90											
		Red to orange red strongly magnetic coarse grained syenite finely brecciated with 1-3% white blue grey ankerite-chlorite breccia matrix.											
		313.9-314.8	46921	313.90	314.80	0.90	<.03				tr		
		Dark blue green and orange red strongly magnetic weakly to moderately deformed altered syenite, foliation at 50 deg, minor traces of fine grained pyrite.											
		314.8-345.9	46922	320.60	321.60	1.00	<.03				tr		
		Bright orange red strongly magnetic coarse grained hematite/ albite altered syenite, finely brecciated with 2-3% ankerite-chlorite breccia matrix, 1% finely disseminated specularite in breccia matrix, scattered 0.5-1 mm specularite veining at 20-30 deg with trace pyrite and occasionally chalcopyrite, e.g. 321.15 m.											
			46923	344.00	345.00	1.00	<.03			3			
			46924	345.00	345.80	0.80	<.03			3	tr		
		345.9-346.3	46923	344.00	345.00	1.00	<.03			3			
		Salmon pink and black green strongly magnetic chloritic syenite, finely brecciated and weakly foliated at 70 deg, sharp lower contact at 70 deg.	46924	345.00	345.80	0.80	<.03			3	tr		
			46925	345.80	346.30	0.50	<.03			3			
			46926	346.30	347.30	1.00	<.03			25	tr		

DESCRIPTION : Hole No. PW10 4														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
346.30	348.45	Altered Ultramafics	46927	347.30	348.40	1.10	<.03			25	tr			
		346.3-348.45	46928	348.40	349.60	1.20	<.03			1	tr			
		white pink red and black strongly magnetic chloritic deformed altered ultramafic, weakly	46929	349.60	350.70	1.10	<.03			1	tr			
		to moderately foliated at 70 deg with talcose chloritic fault slips at 70 deg, 25%, 1-10 mm	46930	350.70	351.70	1.00	<.03			1	tr			
		wide irregular quartz-ankerite-calcite veining parallel to foliation, trace pyrite.	46931	351.70	352.80	1.10	<.03			5	tr			
			46932	352.80	353.90	1.10	<.03			5	tr			
348.45	351.70	Oxide Iron Formation	46933	353.90	355.00	1.10	<.03			3	tr			
		Dark red black and dark green, strongly magnetic finely bedded hematitic lean oxide iron	46934	Au std # 6			2.67							
		formation to chloritic fine grained altered siltstones, bedding at 70-30-60 deg, 0.5% finely	46935	355.00	356.00	1.00	<.03				tr			
		disseminated pyrite along bedding planes.	46936	356.00	357.00	1.00	<.03				1			
			46937	357.00	358.00	1.00	<.03			3	tr			
351.70	363.00	Deformed Altered Sediments	46938	358.00	359.00	1.00	<.03			2	tr			
		Dark red and black green magnetic calcitic hematitic chloritic deformed altered	46939	359.00	360.00	1.00	<.03			2	tr			
		siltstones to conglomerates, moderately foliated at 40-60 deg with 2-10 mm wide	46940	360.00	361.00	1.00	<.03			2	tr			
		stretched red syenite clasts, finely bedded magnetite rich horizons over 20-50 cm,	46941	361.00	362.00	1.00	<.03				tr			
		scattered chloritic fault slips at 40-50 deg, upper contact marked by 2 mm chloritic fault	46942	362.00	363.00	1.00	<.03			5	tr			
		at 40 deg, irregular drag-folded lower contact, trace disseminated pyrite and up to 3% in												
		finely bedded intervals, <1% irregular quartz-calcite veining.												
363.00	368.50	Talc Chlorite Schist	46943	363.00	364.00	1.00	<.03			5	tr			
		Blue green black nonmagnetic deformed ultramafic to talc chlorite schist, foliated at 50-	46944	364.00	365.00	1.00	<.03			25				
		80 deg and 0.2-25 cm wide chloritic faults with gouge at 30-80 deg, 35%, 30-80 cm wide	46945	365.00	366.00	1.00	<.03			25				
		orange red to brick red strongly magnetic hematitic albitized syenite and syenite porphyry	46946	366.00	366.90	0.90	<.03			40				
		dykes at 30-80 deg with 0.5-1% chloritic fracture-controlled pyrite.	46947	366.90	368.00	1.10	<.03							
		366.25-366.50	46948	368.00	368.90	0.90	<.03				tr			
		Dark red brown hematitic mud clay fault gouge at 40 deg, 5-10 cm irregular quartz-												
		calcite+-ankerite veining in brecciated chloritic wallrocks.												
		368.25-368.50												
		Black graphitic chloritic fault zone at 80-30 deg at upper contact of syenite dyke.												
368.50	374.10	Deformed Altered Conglomerate	46949	368.90	369.50	0.60	<.03							
		368.5-369.5	46950	Blank			<.03							
		Bright brick orange red silicified hematitic albitized altered syenite dyke with 0.5% pyrite,	46951	369.50	370.40	0.90	<.03			3	tr			
		weakly chloritic fractured, 20%, 0.5-10 cm wide black chloritic graphitic faults at 50 deg,	46952	370.40	371.30	0.90	<.03			3	tr			
		1% quartz-ankerite fracture fillings.	46953	371.30	372.20	0.90	<.03			2	tr			
		369.5-394.1	46954	372.20	373.20	1.00	<.03			2	tr			
		Red orange red and dark black green, strongly magnetic calcitic, chloritic hematitic	46955	373.20	374.10	0.90	<.03			2	tr			
		deformed altered conglomerate with 1-10 mm wide red stretched hematitic syenite clasts	46956	374.10	375.20	1.10	<.03			3	tr			
		in chloritic mafic clastic siltstone matrix, moderately foliated at 50-60 deg, 1%, 1-5 mm	46957	375.20	376.30	1.10	<.03			5	tr			
		calcite-chlorite-quartz veining at 5-30 deg, trace pyrite, lower contact marked by 5-10 cm	46958	376.30	378.00	1.70	<.03			2	40% rec.			
		wide chloritic fault at 50 deg.	46959	378.00	379.00	1.00	<.03			3	tr			
		372.11-372.13	46960	379.00	380.20	1.20	<.03			5	tr			
		Dark grey clay mud fault at 40 deg.	46961	380.20	381.50	1.30	<.03			3	tr			
			46962	381.50	382.60	1.10	<.03			15	0.5			

DESCRIPTION : Hole No. PW10_4													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
374.10	381.50	Altered Mafic Intrusive	46963	382.60	383.30	0.70	<.03			25	tr		
		Reddish grey to dark grey strongly magnetic calcitic weakly hematitic altered fine grained	46964	383.30	384.30	1.00	<.03			5	1		
		mafic intrusive, moderately fractured and 1-5 mm faults at 60-70 deg, trace to 1% finely	46965	Au std # 7			0.41						
		disseminated pyrite, 2-5%, irregular white quartz-calcite veining, dyke intruded by 3%, 1-	46966	384.30	385.20	0.90	<.03			30	tr		
		3 cm irregular orange red fine grained syenite dykes with trace pyrite, 1% irregular pink	46967	385.20	386.10	0.90	<.03			25	tr		
		white calcite veining, RQD 10%, 1.0 m ground core from 376.3-378.0 m (40% recovery).											
381.50	386.10	Altered Ultramafic											
		White pink dark green to olive green magnetic carbonated chloritic deformed drag-folded											
		ultramafic grading to dull green carbonate below 384.65 m, strongly foliated at 30-80											
		deg, intruded by 3-100 cm wide, fine grained salmon pink to orange red syenite dykes,											
		trace pyrite and chalcopyrite along chloritic foliation planes.											
		181.77-181.80, 182.05-183.35, and 383.3-384.3											
		Salmon pink to orange red fine grained nonmagnetic to magnetic fine grained syenite											
		dykes at 30-80 deg with 1% finely disseminated pyrite and 3-5%, 1-5 mm grey white											
		quartz+-ankerite irregular veining and lenses.											
386.10	407.00	Dull Green Carbonate Zone	46968	386.10	387.00	0.90	<.03			30			
		386.1-393.7	46969	387.00	388.00	1.00	<.03			40			
		White green to dull olive green nonmagnetic carbonated ankeritic altered ultramafic with	46970	388.00	389.00	1.00	<.03			35			
		40-60% irregular carbonated veining parallel to drag-folded foliation at 30-90 deg, 5-	46971	389.00	390.00	1.00	<.03			40			
		10%, 0.2-1.5 cm wide, irregular white to grey later quartz+-ankerite veining at 30-90 deg,	46972	390.00	391.00	1.00	<.03			45		20% rec	
		trace disseminated fine grained pyrite.	46973	391.00	391.90	0.90	<.03			25			
		393.7-400.8	46974	391.90	392.90	1.00	<.03			30			
		Light white-green, dull green to green nonmagnetic carbonated ultramafics, finely	46975	392.90	393.70	0.80	<.03			40			
		banded to moderately foliated at 50-60 deg, not drag-folded as above possibly due to	46976	393.70	394.50	0.80	<.03			25			
		different protolith i.e. ultramafic tuff or sediment??, Trace to 0.5% disseminated pyrite	46977	394.50	395.50	1.00	<.03			20	2		
		along foliation planes, intruded by 0.5-50 cm wide salmon orange pink fine grained	46978	395.50	396.70	1.20	<.03			20	tr		
		silicified weakly ankeritic felsic dykes at 50-80 deg with 1% finely disseminated pyrite	46979	396.70	397.70	1.00	<.03			5	1		
		and 3% grey white irregular quartz-ankerite veining less than 5 mm wide, also two 45-50	46980	397.70	398.80	1.10	<.03			10	0.5		
		cm wide pink brown orange red hematitic sericitic silicified finely bedded at 70-80 deg	46981	398.80	399.80	1.00	<.03			2	tr		
		altered cherty sediments with 1-2% finely disseminated pyrite, 1%, 1-2 cm wide irregular	46982	399.80	400.80	1.00	<.03			2	1		
		light grey to white quartz-ankerite veining at 5-80 deg.	46983	Blank			<.03						
		394.65-395.15 and 400.35-400.80	46984	400.80	401.70	0.90	<.03			20	tr		
		Finely bedded pyritic cherty sediments.	46985	401.70	402.60	0.90	<.03			20			
		396.70-400.30	46986	402.60	403.60	1.00	<.03			25	tr		
		50%, 1-50 cm wide altered pyritic felsic dykes.	46987	403.60	404.60	1.00	<.03			30	tr		
		400.8-407.0	46988	404.60	405.80	1.20	<.03			2	1		
		White-green olive green to dull green nonmagnetic deformed drag-folded carbonated	46989	405.80	407.00	1.20	<.03			25	tr		
		altered ultramafics, foliation at 60-20 deg, intruded by two 15 cm wide white to light	46990	407.00	408.00	1.00	<.03			10	3		
		green felsic dykes at 30-40 deg.	46991	408.00	408.80	0.80	<.03			3	1		
		404.6-405.75	46992	408.80	409.90	1.10	<.03			5	0.5		
		Light beige tan fine grained weakly sericitic silicified felsic dyke at 80-70 deg with 1%	46993	409.90	410.90	1.00	<.03			3	1		
		finely disseminated pyrite, 2% irregular ankerite-quartz veining, weakly fractured at 50	46994	410.90	411.90	1.00	<.03			10	1		
		deg, 25 cm ground core 404.75-405.10 m.	46995	411.90	413.20	1.30	<.03			10	tr		
			46996	413.20	414.00	0.8	<.03			15	0.5		

DESCRIPTION : Hole No. PW10_4													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
407.00	415.00	Felsic Dyke / Cherty Sediments, Carbonated Ultramafics	46997	414.00	415.00	1.0	<.03			3	0.5		
		407.0-408.8	46998	415.00	416.10	1.1	<.03			5			
		Grey brown tan fine grained very siliceous weakly sericitic altered felsic dyke at 50 deg	46999	416.10	417.20	1.1	<.03			50	tr		
		with 3% fine to medium grained disseminated pyrite, 5%, white grey irregular patchy	47000	417.20	418.30	1.1	<.03			45			
		quartz veining, 1%, 1-3 mm white to grey quartz veining at 30-40 deg with trace to 1%	37001	418.30	419.40	1.1	<.03			45			
		chalcopyrite, dark brown medium grained and less silicified over lower 25 cm.	37002	419.40	420.50	1.1	<.03			50			
		408.8-411.9	37003	420.50	421.50	1.0	<.03			50			
		Grey white beige green finely bedded cherty sediments with 10-15%, 1-5 mm wide grey	37004	421.50	422.50	1.0	<.03			45			
		to white quartz and quartz-ankerite veining parallel to foliation at 50-90 deg, finely	37005	422.50	423.50	1.0	<.03			15	0.5		
		bedded at 80-50 deg, locally chloritic and drag-folded, intruded by 30%, 1-50 cm wide	37006	423.50	424.40	0.9	<.03			5	1		
		yellow beige fine to medium grained felsic dykes at 70-90 deg with 1% disseminated	37007	424.40	425.00	0.6	<.03			40	tr		
		pyrite, trace to 0.5% pyrite in sediments.											
		411.9-415.0											
		Dark green to light white emerald green chloritic to weakly fuschitic carbonated altered											
		ultramafics intruded by 20%, 1-20 cm wide orange red to beige fine grained silicified											
		sericitic altered dykes at 50-70 deg with trace to 1% disseminated pyrite. 10-15%											
		ankerite veining parallel to foliation at 50-70 deg.											
		411.9-413.2											
		Ground core 20% recovery.											
415.00	417.20	Green Carbonate											
		White and light emerald green weakly developed green carbonated ultramafic, with 5%,											
		0.2-1.5 cm wide boudinaged white to peach orange quartz ankerite veining at 50-20 deg,											
		lower 1 metre weakly sheared and drag-folded at 20 deg,											
417.20	438.50	Talc Chlorite Schist											
		Dark green and white nonmagnetic ankeritic carbonated talc chlorite schist altered											
		ultramafics, moderately foliated at 20-60 deg, trace pyrite.											
		422.5-424.4											
		Green brown weakly sericitic ankeritic finely bedded fine grained siltstones with 1% finely											
		disseminated pyrite, foliation/bedding at 50 deg, 3%, 1-5 mm wide grey white quartz-											
		ankerite veining parallel to foliation.											
438.50	447.10	Siltstones and Ultramafic	37008	438.50	439.60	1.10	<.03			3	1		
		438.5-440.7	37009	439.60	440.70	1.10	<.03			3	1		
		Grey beige dark green finely bedded ankeritic weakly chloritic and sericitic altered	37010	440.70	441.60	0.90	0.14			3	tr		
		siltstones with 1% finely disseminated pyrite, 2%, 1-10 mm wide white pink cream quartz	37011	441.60	442.30	0.70	<.03			30	tr		
		ankerite veining parallel to bedding/foliation at 50 deg, sharp upper contact at 30 deg,	37012	442.30	443.40	1.10	0.14			2	1		
		lower contact at 70 deg.	37013	443.40	444.60	1.20	0.21			2	1		
		440.7-441.3	37014	444.60	445.80	1.20	<.03			2	0.5		
		Dark black green white carbonated ultramafics, moderately foliated at 70-80 deg, trace	37015	445.80	447.10	1.30	<.03			5	1		
		pyrite.											
		441.3-447.1											
		Grey green and beige ankeritic chloritic weakly sericitic finely bedded altered siltstones											
		with 0.5-1% finely disseminated pyrite, bedding at 70-80 deg, 3-5%, 1-5 mm white wide,											
		weakly drag-folded ankerite+-quartz veining parallel to foliation/bedding, irregular lower											
		contact at 40 deg, 10 cm ultramafic 446.9-447.0 m.											

DESCRIPTION : Hole No. PW10_4															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
447.10	454.65	Carbonated Ultramafic											
		Dark black green and white nonmagnetic ankeritic carbonated altered ultramafic, moderately foliated at 70-80 deg, 40-60% off white carbonate veining.											
454.65	464.70	Deformed Altered Conglomerate											
		Grey light beige and green, nonmagnetic ankeritic deformed conglomerate with 1-3 cm stretched light sericitic altered beige greywacke, quartz porphyry, quartz and basalt clasts in a fine to medium grained chloritic greywacke matrix, weakly to moderately foliated and drag-folded at 50-70 deg, locally trace disseminated pyrite along chloritic foliation planes, sharp upper contact at 30 deg, sharp lower contact at 70 deg.											
464.70	486.20	Sericitic and Chloritic Greywacke											
		464.7-477.7											
		Light yellow grey ankeritic weakly sericitic fine to medium grained quartz-rich altered greywacke, weakly foliated at 20 deg, 1-2%, 1-5 mm wide light grey white weakly boudinaged quartz veining at 20-40 deg, trace disseminated pyrite along chloritic foliation planes, locally weakly drag-folded.											
		477.1-480.1	37016	471.00	472.30	1.30	<.03			3	tr		
		Dark green grey beige ankeritic chloritic sericitic siltstones, moderately foliated at 30 deg, more massive over lower 1 m, 2-3%, 1-5 mm ankerite veining.	37017	472.30	473.30	1.00	<.03			5	tr		
			37018	473.30	474.10	0.80	<.03			2	tr		
		480.1-483.4	37019	474.10	475.00	0.90	<.03			3	tr		
		Light yellow grey ankeritic weakly sericitic fine to medium grained quartz-rich altered	37020	Au std # 8			4.05						
		greywacke, weakly foliated at 20 deg, 1%, 1-5 mm wide light grey white weakly	37021	475.00	475.80	0.80	<.03			8	tr		
		boudinaged quartz veining at 20-40 deg, trace disseminated pyrite along chloritic	37022	475.80	477.10	1.30	<.03			2	tr		
		foliation planes.											
		483.4-486.2											
		Dark grey and cream white ankeritic foliated chloritic altered greywacke, moderately foliated at 50-70 deg towards lower contact, 3-5%, 1-3 mm cream white ankerite veining parallel to foliation.											
486.20	499.60	Conglomerate											
		Dark red and dark grey green magnetic ankeritic deformed altered conglomerate with 0.5-2 cm stretched red syenite clasts in chloritic ankeritic greywacke matrix, moderately foliated at 20-50 deg, 1-2%, irregular ankerite+-quartz veining at 20-90 deg, deformation increases towards lower contact.											
			37023	499.60	500.80	1.20	<.03			10	tr	80% rec	
499.60	519.10	Fault Zone	37024	500.80	502.00	1.20	0.14			5	tr		
		Badly broke core, light yellow beige and beige grey sericitic weakly ankeritic fault	37025	502.00	503.00	1.00	<.03			15	tr		
		brecciated altered greywacke with 10%, 2-20 cm wide dark green chloritic faults with	37026	503.00	504.00	1.00	<.03			10	tr		
		muddy gouge at 40-50 deg, 5-15%, light grey quartz+_ankerite breccia matrix, trace	37027	504.00	505.00	1.00	<.03			3	tr		
		disseminated pyrite along vein contacts, RQD 0%.	37028	505.00	506.00	1.00	<.03			3	tr		
		510.7-512.7	37029	506.00	507.00	1.00	<.03			3	tr		
		According to the drillers blocks 2 m lost core (?)	37030	507.00	508.00	1.00	<.03			1	tr		
			37031	508.00	509.00	1.00	<.03			10	tr		
519.10	540.20	Chloritic Greywacke	37032	509.00	510.00	1.00	<.03			20	tr		
		Green grey ankeritic chloritic weakly sericitic fine grained altered greywacke, weakly to	37033	510.00	510.70	0.70	0.27			2	tr		
		moderately foliated at 50-60 deg, 1-3%, 1-10 mm ankerite veining parallel to foliation,		510.70	512.70	2.00	NA			lost core			
		trace disseminated pyrite along foliation planes, RQD <25%.	37034	512.70	514.00	1.30	0.21			5	tr		
			37035	514.00	515.00	1.00	0.21			10	tr		

DESCRIPTION : Hole No. PW10_4														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
540.20	552.00	Sericitic Chloritic Greywacke	37036	Blank			<.03							
		Alternating light yellow ankeritic sericitic and chloritic altered greywacke, weakly foliated	37037	515.00	516.00	1.00	0.14			2	tr			
		at 50-60-20 deg, 1-2% irregular ankerite veining, trace pyrite, RQD 80%.	37038	516.00	517.00	1.00	0.14			2	tr			
			37039	517.00	518.00	1.00	<.03			3	tr			
	552.00	EOH	37040	518.00	519.10	1.10	<.03			5	tr			
		Casing left in hole.												

PROPERTY: Pawnee			HOLE NUMBER: PW10_5					
Province:	Ontario	**DATE LOGGED:** Feb 22-Mar 1, 2010	**Grid E**	16+00 E	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** Wayne Benham	**Grid N**	1+00 S		0	3	-55.0
Started:	21-Feb-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	576355	REFLEX	15	6.2	-56.7
Completed:	28-Feb-10	**UNITS:** Metres	**UTM N:**	5331051		81	7.0	-55.5
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	340 m		120	7.0	-55.3
			Length:	501.0		180	5.8	-55.3
						240	7.2	-54.8
PURPOSE:	To test MMI, IP and magnetic anomalies					312	6.8	-54.7
COMMENTS:	Sample # 37041-37172 3 blank and 4 gold standard samples and 125 half core samples were assayed for Au g/t by Polymet Lab. RQD > 75% unless noted.					420	3.7	-55.7
						500	18.2	-55.8

SUMMARY LOG: PW10_1			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**	**Cu**	**Zone**
0.00	**3.00**	OVB						
3.00	**186.40**	Syenite						
186.40	**191.80**	Altered Mafic Intrusive						
191.80	**240.00**	Altered Pyritic Syenite						
240.00	**269.50**	Fault Breccia Zone						
269.50	**281.80**	Altered Syenite						
281.80	**307.20**	Fault Breccia Zone						
307.20	**320.50**	Altered Deformed Conglomerate						
320.50	**337.00**	Chloritic Siltstones and Lean Oxide Iron Formation						
337.00	**346.80**	Basalt						
346.80	**353.60**	Oxide Iron Formation						
353.60	**368.70**	Basalt						
368.70	**371.50**	Oxide Iron Formation						
371.50	**432.40**	Basalt						
432.40	**446.40**	Feldspar Porphyry						
446.40	**458.50**	Basalt						
458.50	**493.90**	Altered Basalt and Syenite Dykes						
493.90	**498.50**	Basalt						
498.50	**501.00**	Komatiite						
	501.00	EOH						

DESCRIPTION : Hole No. PW10_5

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	3.00	OVB											
		Core starts at 3.5 m according to driller's blocks.											
3.00	186.40	Syenite											
		3.0-36.2											
		Bright orange red coarse grained albitized syenite with limonitic altered mafic gangue, nonmagnetic to weakly magnetic where amphiboles are less altered and trace disseminated specularite, fractures and joints at 30-50-80 deg.											
		36.2-84.0											
		Bright orange red to dark red magnetic coarse grained massive albitized to hematitic altered syenite, 2-5% grey to dark green altered amphibole mafic gangue with disseminated pyrite, weakly fractured/jointed at 70-80 deg.											
		46.2-47.1											
		Grey green medium grained strongly magnetic medium grained weakly hematitic altered mafic dyke at 60 deg.											
		55.1-56.9	37041	54.00	55.10	1.10	<.03						
		Light green grey weakly sericitic ankeritic fine to medium grained altered mafic intrusive, 1%, 1-5 mm wide, irregular ankerite veining, upper contact marked by 5 cm wide rusty brown limonitic broken core vuggy fault breccia zone at 60 deg, lower contact uncertain as last 90 cm is brecciated with 10-15% ankerite breccia matrix, 5% red syenite altered inclusions, 3% disseminated medium grained pyrite and fine grained pyrite cubes through out interval.	37042	55.10	56.10	1.00	<.03			1	3		
			37043	56.10	56.90	0.80	<.03			15	2		
			37044	56.90	58.00	1.10	<.03			2			
		84.0-94.45											
		Brick red strongly magnetic coarse grained massive syenite with 2-3% green grey green to dark green mafic/amphibole gangue with disseminated specularite, weakly fractured at 40-50 deg.											
		94.45-94.65											
		Rusty brown limonitic fault breccia zone at 40 deg.											
		94.45-106.0											
		Bright orange red magnetic coarse grained albitized altered syenite with 2-3% ankeritic veining and breccia matrix, gradational lower contact.											
		106.0-117.1											
		Red salmon pink to brick red magnetic coarse grained massive syenite, <1% specularite disseminated and 1-3 mm stringers, <<1% ankerite veining.											
		117.1-186.4											
		Bright orange red strongly magnetic albitized hematitic coarse grained syenite, massive to weakly to moderately brecciated over 1-5 m wide sections with 1-10% cream white quartz-ankerite breccia matrix, trace to 1% disseminated specularite, fractures at 40-70 deg.											
		120.75-121.50											
		Dark grey medium grained magnetic ankeritic mafic dyke with irregular contacts.											
		138.0-141.8											
		Dark grey to reddish grey magnetic fine to medium grained weakly hematitic mafic dyke cutting in and out of core, 2-15 cm ankerite brecciated syenite inclusions, very irregular contacts, trace pyrite.											
		141.-150.7 and 149.0-176.5											
		Section with increased brecciation and 10-15% quartz-ankerite breccia matrix.											

DESCRIPTION : Hole No. PW10_5														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
186.40	191.80	Altered Mafic Intrusive	37045	185.40	186.40	1.00	<.03			10	tr		
		Reddish grey fine to medium grained ankeritic brecciated weakly hematitic altered mafic	37046	186.40	187.50	1.10	<.03			5	1		
		syenite with 1-2 mm red syenite inclusions and veins, 1-10% blue grey to off white	37047	187.50	188.60	1.10	<.03			10	2		
		quartz-ankerite breccia matrix and irregular veining, weakly foliated at 50 deg, black	37048	188.60	189.70	1.10	<.03			5	2		
		chloritic fractured at 10-60 deg, 1-3 % finely disseminated pyrite, sharp contacts at 50-60	37049	189.70	190.80	1.10	<.03			3	2		
		deg.	37050	Au std # 6			2.88						
			37051	190.80	191.80	1.00	<.03			1	3		
191.80	240.00	Altered Pyritic Syenite	37052	191.80	193.00	1.20	<.03			3	2		
		191.8-221.0	37053	193.00	194.00	1.00	<.03			2	1		
		Bright orange red nonmagnetic strongly chloritic fractured albitized altered syenite, badly	37054	194.00	195.00	1.00	<.03			3	1		
		broken up core RQD 0%, weakly foliated at 50 deg with black chloritic fractures at right	37055	195.00	196.00	1.00	<.03			5	1		
		angles to foliation, weakly to moderately brecciated with 2-5% white ankerite+-quartz	37056	196.00	197.00	1.00	<.03			3	1		
		breccia matrix, 1-2% finely disseminated pyrite from 191.8-204 m and 214-218 m, rest of	37057	197.00	198.00	1.00	<.03			3	1		
		section trace pyrite, trace chalcopyrite with pyrite, <1% specular hematite disseminated	37058	198.00	199.00	1.00	<.03			2	2		
		and 0.5-1 mm stringers, measurements approximate due to broken core.	37059	199.00	200.00	1.00	<.03			5	2		
		221.0-240.0	37060	200.00	201.00	1.00	<.03			5	1		
		Increase in ankerite brecciation to 15-20%, trace pyrite, finer grained silicified and weakly	37061	201.00	202.00	1.00	<.03			3	1		
		sericitic over lower one metre and weakly foliated at 60-70 deg.	37062	202.00	203.00	1.00	<.03			3	1		
			37063	203.00	204.00	1.00	<.03			2	1		
240.00	269.50	Fault Breccia Zone	37064	204.00	205.00	1.00	<.03			1	0.5		
		Orange red dark red and black green finely brecciated chloritic talcose hematitic altered	37065	205.00	206.00	1.00	<.03			3	0.5		
		syenite, 1-10 mm syenite crushed syenite fragments in chloritic talcose breccia matrix,	37066	206.00	207.00	1.00	<.03			2	0.5		
		weakly foliated at 70-80 deg, 1-5 cm wide faults with hematitic and chloritic gouge at 60-	37067	207.00	208.00	1.00	<.03			2	0.5		
		80 deg, chloritic fractured at 40-80 deg, strongly calcitic below 251 m, weakly to strongly	37068	Au std # 7			0.62						
		magnetic no quartz veining or sulphide mineralization, RQD 0-5%, lower contact marked	37069	208.00	209.00	1.00	<.03			5	0.5		
		by 4 cm red brown hematitic fault gouge at 50 deg.	37070	209.00	210.00	1.00	<.03			1	1		
		240.0-241.7	37071	210.00	211.00	1.00	<.03			5	tr		
		30% recovery, one metre ground core noted by drillers.	37072	211.00	212.00	1.00	<.03			10	tr		
			37073	212.00	213.00	1.00	<.03			5	tr		
269.50	281.80	Altered Syenite	37074	213.00	214.00	1.00	<.03			5	0.5		
		Bright orange red nonmagnetic, fine grained albitized altered syenite moderately black	37075	214.00	215.00	1.00	<.03			3	2		
		green chloritic fractured at 70-80 deg to weakly specularite-ankerite brecciated, lower	37076	215.00	216.00	1.00	<.03			3	1		
		contact at 80 deg, trace pyrite.	37077	216.00	217.00	1.00	<.03			3	1		
			37078	217.00	218.00	1.00	<.03			5	1		
281.80	307.20	Fault Breccia Zone	37079	218.00	219.00	1.00	<.03			3	0.5		
		281.8-292.0	37080	219.00	220.00	1.00	<.03			5	0.5		
		Red dark green magnetic finely brecciated chloritic hematitic altered mafic syenite,	37081	220.00	221.00	1.00	<.03			3	tr		
		strongly chloritic fractured at 0-80 deg, badly broken core, signs of crushed fault zones at											
		(?) deg, RQD 0%, 10-30 cm wide orange red brecciated syenite dykes over lower 3 m,	37082	233.00	234.00	1.00	<.03			20			
		<1%, 1-3 mm wide irregular calcite veining.	37083	234.00	235.00	1.00	<.03			25			
		292.0-300.9	37084	235.00	236.00	1.00	<.03			20			
		Bright orange red nonmagnetic strongly chloritic brecciated albitized altered fine grained	37085	236.00	237.00	1.00	<.03			20			
		syenite, trace pyrite, black chloritic fractures at 5-30 deg, RQD 10%.	37086	237.00	238.00	1.00	<.03			15			
		298.3-300.0	37087	238.00	239.00	1.00	<.03			25			
		Finely crushed and broken black chloritic rock, 25% core recovery.	37088	Blank			<.03						

DESCRIPTION : Hole No. PW10_5														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		300.9-303.4	37089	239.00	240.00	1.00	<.03			1			
		Grey dark grey black pink to orange red silicified, strongly chloritic brecciated altered											
		syenite, 2% irregular white to pink white ankerite-quartz veining, weakly foliated at 60	37090	248.00	249.00	1.00	<.03			3			
		deg over lower 50 cm, trace to 0.5% chalcopyrite and chloritic fractures, trace pyrite, 5%											
		massive specularite breccia matrix, fractured at 30-80 deg.	37091	263.00	264.10	1.10	<.03			3			
		303.4-307.2											
		Red grey magnetic medium grained hematitic chloritic altered mafic syenite/syenite,	37092	271.80	273.00	1.20	<.03			1	tr		
		strongly fractured at 30-70 deg, 1-3 cm white chloritic fault breccia zones at 60 deg, RQD											
		0-5%, sharp lower contact at 70 deg.	37093	280.70	281.80	1.10	<.03			2			
307.20	320.50	Altered Deformed Conglomerate	37094	284.00	285.00	1.00	<.03			3			
		307.2-320.5											
		Light grey dark grey dark green and orange red strongly magnetic strongly deformed and	37095	296.00	297.00	1.00	<.03						
		drag-folded chloritic altered conglomerate with 0.5-3 cm wide stretched drag-folded											
		syenite, syenite porphyry and greywacke clasts in a strongly chloritic talcose mafic to	37096	300.00	300.90	0.90	<.03						
		ultramafic altered matrix, foliation at 30-70 deg, 1-3 cm wide black chloritic fault breccia	37097	300.90	301.80	0.90	<.03			10	tr		
		veins at 60-70 deg.	37098	301.80	302.60	0.80	<.03			5	tr		
		316.5-317.5	37099	302.60	303.40	0.80	<.03			5	tr		
		Red dark green chloritic hematitic nonmagnetic altered mafic syenite/syenite dyke at 30	37100	303.40	304.00	0.60	<.03						
		deg with 1% disseminated pyrite, lower contact chloritic fault slip at 30 deg.											
			37101	316.50	317.50	1.00	<.03			2	1		
320.50	337.00	Chloritic Siltstones and Lean Oxide Iron Formation											
		320.5-331.4	37102	331.40	332.30	0.90	<.03			3	0.5		
		Grey green black orange red beige strongly magnetic calcitic chloritic hematitic altered	37103	332.30	333.20	0.90	<.03			3	1		
		finely bedded/foliated siltstones and lean oxide iron formation, bedding/foliation at 60	37104	333.20	334.00	0.80	<.03			3	1		
		deg, trace disseminated pyrite along foliation planes, 10%, 1-15 cm orange red	37105	334.00	335.00	1.00	<.03			3	1		
		deformed syenite dykes, <1% irregular pink white calcite veining.	37106	335.00	336.00	1.00	<.03			2	tr		
		331.4-337.0	37107	336.00	337.00	1.00	<.03			2	0.5		
		Dark green fine grained chloritic ankeritic altered siltstones with %%, 1-10 cm wide											
		massive magnetite horizons, foliation/bedding at 30-40 deg, 1% medium grained	37108	343.40	344.10	0.70	<.03			5	0.5		
		disseminated pyrite in 1-10 mm wide lenses parallel to foliation.	37109	344.10	345.20	1.10	<.03						
			37110	Au std # 6			2.61						
337.00	346.80	Basalt	37111	345.20	346.50	1.30	<.03			3			
		337.0-343.45	37112	346.50	347.40	0.90	<.03			10			
		Green weakly magnetic weakly chloritic fine grained massive basalt, 1-2%, 1-10 mm	37113	347.40	348.20	0.80	<.03			2			
		wide irregular calcite veining.	37114	348.20	349.00	0.80	<.03			10	1		
		343.45-343.70	37115	349.00	350.00	1.00	<.03			3	1		
		Black light grey oxide iron formation horizon at 60 deg with 1% medium grained	37116	350.00	351.00	1.00	<.03			5	1		
		disseminated pyrite, 3% calcite veining.	37117	351.00	352.00	1.00	<.03				0.5		
		343.7-346.8	37118	352.00	352.70	0.70	<.03			3			
		Dark green weakly magnetic brecciated fractured fine grained basalt, fractured at 10-50	37119	352.70	353.60	0.90	<.03			5	tr		
		deg, 3% 1-3 cm wide irregular syenite dykes, RQD 0%.											
346.80	353.60	Oxide Iron Formation											
		Black and light grey and green banded oxide iron formation with drag-folded massive											
		magnetite and light grey sugary silica beds 0.1-1.5 cm wide, bedding/deformation at 10-											
		50 deg, locally more chloritic siltstones and minor magnetite, 1% irregular calcite veining,											
		1% fine to medium grained disseminated pyrite, lower contact at 50 deg.											

DESCRIPTION : Hole No. PW10_5														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
353.60	368.70	Basalt												
		Green nonmagnetic fine grained massive basalt, 1-2%, 1-10 mm wide calcite veining at												
		30-90 deg, <1 % quartz veining.	37120	361.60	362.20	0.60	<.03			10				
		361.6-362.2												
		1-10 cm wide white grey quartz+-calcite veining at 50--90 deg.												
		368.3-368.65	37121	368.30	368.70	0.40	<.03			3	tr			
		Dark orange red coarse grained syenite dyke with irregular contacts, trace pyrite.	37122	368.70	369.50	0.80	<.03			3	1			
			37123	369.50	370.50	1.00	<.03			3	2			
368.70	371.50	Oxide Iron Formation	37124	370.50	371.50	1.00	<.03			1	2			
		Black siliceous carbonaceous oxide iron formation, upper contact at 50 deg, lower	37125	371.50	372.50	1.00	<.03			2	tr			
		contact at 20 deg, 2-10 mm wide magnetite bands at 50 deg, 1% irregular calcite gash												
		veins, 1-2% medium grained disseminated pyrite.												
371.50	432.40	Basalt	37126	374.50	375.50	1.00	<.03			2	tr			
		371.5-378.9	37127	375.50	376.50	1.00	<.03			3	tr			
		Dark green to grey green fine grained basalt, 2%, 0.5-5 cm wide red medium grained												
		irregular syenite veins at 20-90 deg with minor traces of pyrite, weakly epidote fractured,	37128	390.30	391.30	1.00	<.03			1	2			
		0.5% disseminated medium grained pyrite.												
		378.9-412.0	37129	408.80	409.80	1.00	<.03			3	2			
		Grey to green nonmagnetic massive to possibly pillowed basalt, 1-2 cm wide dark green	37130	Blank			<.03							
		chloritic veins at 20-30 deg may be stretched pillow selvedges with trace to 1% medium												
		grained pyrite, 1-2%, 0.1-5 cm white quartz+_calcite +-epidote veining at 20-90 deg,												
		magnetic below 400.2 m.												
		412.0-424.2	37131	419.00	420.20	1.20	<.03			1	2			
		Dark green to green grey magnetic fine grained pillowed basalt intruded by 2-3%, 1-5 cm												
		wide, irregular white pink red coarse grained syenite +- quartz veining at 20-60 deg with	37132	423.20	424.40	1.20	<.03			5	1			
		trace pyrite, <1% hairline epidote fracturing to brecciation, 1-2% 1-10 mm white calcite+-												
		quartz veining at 30-70 deg, trace to locally 2% medium grained pyrite.												
		424.2-432.4												
		Yellow green to dark green strongly magnetic weakly epidote altered pillow basalt flow												
		top breccia, 2-3%, 1-5 cm pink white red irregular syenite and feldspar porphyry veins at												
		50-80 deg, 2% irregular epidote veining and 1% quartz-calcite veining at 20-90 deg,												
		trace to 1% pyrite.												
432.40	446.40	Feldspar Porphyry	37133	445.40	446.40	1.00	<.03			1	2			
		Dark green to grey green and white pink strongly magnetic strange looking feldspar												
		porphyry dyke with 0.2 x 1.5 cm plagioclase laths/phenocrysts in medium grained mafic												
		matrix, very irregular contacts cutting in and out of basalt unit and 30-40 cm basalt												
		xenoliths, <1%, 1-2 mm quartz-calcite veining with hematitic contacts, 2% fine grained												
		disseminated pyrite over lower one metre.												
446.40	458.50	Basalt												
		Dark green magnetic chloritic pillow basalt breccia intruded by 10%, 1-20 cm wide												
		irregular red to pink white coarse grained syenite and feldspar porphyry dykes/veins, 1-												
		2%, 1-10 mm wide irregular quartz-calcite veining.												

DESCRIPTION : Hole No. PW10_5														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
458.50	493.90	Altered Basalt and Syenite Dykes	37134	458.50	459.50	1.00	<.03			3	tr		
		458.9-463.8	37135	459.50	460.40	0.90	<.03			5	0.5		
		Light grey beige weakly magnetic, fine grained weakly sericitic ankeritic altered basalt	37136	460.40	461.20	0.80	<.03			10	1		
		intruded by 1-80 cm wide bright orange red albitized syenite dykes at 20-30 deg with	37137	461.20	462.00	0.80	<.03			5	0.5		
		trace to 0.5% pyrite, 3-5%, 1-10 cm wide irregular ankerite+-quartz veining at 20-40 deg	37138	462.00	462.80	0.80	<.03			10	1		
		in basalt and syenite, trace to 0.5% disseminated pyrite cubes in basalt.	37139	462.80	463.80	1.00	<.03			10	1		
		460.4-461.2, 462.0-462.7 and 462.95-363.80	37140	463.80	464.80	1.00	<.03			1	1		
		Wider orange red syenite dykes at 20-30 deg with 0.5% pyrite and 5% ankerite+-quartz	37141	464.80	465.90	1.10	<.03				0.5		
		veining.	37142	465.90	467.00	1.10	<.03			1	tr		
		463.8-477.9	37143	467.00	468.00	1.00	<.03			3	tr		
		Light green to light beige magnetic ankeritic sericitic altered basalt, not as altered as	37144	468.00	469.20	1.20	<.03			10	1		
		above section, intruded by 10%, 1-20 cm wide beige sericitic altered felsic dykes at 20-	37145	469.20	469.80	0.60	<.03				tr		
		90 deg with 0.5-1% disseminated pyrite, 10-15%, 1-10 mm wide ankerite veining at 10-	37146	469.80	470.90	1.10	<.03			3	0.5		
		30 deg, trace to 0.5% cube pyrite in altered basalt.	37147	470.90	471.90	1.00	<.03			10	tr		
		477.9-480.7	37148	471.90	472.80	0.90	<.03			10	tr		
		Darker green nonmagnetic ankeritic weakly carbonated more ultramafic volcanic, 3%	37149	472.80	473.80	1.00	<.03			2	tr		
		irregular ankerite veining.	37150	Au std # 7			0.55						
		480.7-485.6	37151	473.80	474.80	1.00	0.14			10			
		Light greenish beige magnetic ankeritic sericitic altered basalt with 0.5% disseminated	37152	474.80	475.80	1.00	<.03			10	tr		
		pyrite and 5% disseminated magnetite, basalt intruded by 25%, 10-40 cm wide orange	37153	475.80	476.80	1.00	<.03			15	tr		
		red fine grained syenite dykes at 30-80 deg with trace to 1% disseminated pyrite, 3-5%,	37154	476.80	477.90	1.10	<.03			3			
		1-10 mm wide, irregular ankerite+-quartz veining in altered basalts and syenite.	37155	477.90	478.80	0.90	<.03			5			
		485.6-493.9	37156	478.80	479.60	0.80	<.03			2			
		Green to dark green nonmagnetic calcitic fine grained basalt with patchy cream white	37157	479.60	480.70	1.10	<.03			3			
		sericitic alteration and 10%, 0.1-1.5 grey quartz+-ankerite+-calcite veining at 20-50 deg	37158	480.70	481.30	0.60	<.03			10	1		
		and trace 5 mm pyrite cubes over lower 3.5 m	37159	481.30	482.30	1.00	<.03			1	1		
			37160	482.30	483.30	1.00	<.03			5	1		
493.90	498.50	Basalt	37161	483.30	484.40	1.10	<.03			5	1		
		Dark green strongly magnetic calcitic fine grained basalt, lower contact at 30 deg and	37162	484.40	485.60	1.20	<.03			10	1		
		weakly hematitic over lower 25 cm, 3%, 1-5 mm wide calcite+_ankerite+-quartz veining	37163	485.60	486.50	0.90	<.03			5	tr		
		at 10-40 deg, trace pyrite.	37164	486.50	487.40	0.90	<.03			5			
			37165	487.40	488.40	1.00	<.03			3			
498.50	501.00	Komatiite	37166	488.40	489.40	1.00	<.03			3			
		Dark green soft nonmagnetic massive komatiite volcanic flow.	37167	489.40	490.40	1.00	<.03			2			
			37168	490.40	491.30	0.90	<.03			5	0.5		
	501.00	EOH	37169	491.30	492.20	0.90	<.03			10	1		
		Casing left in hole.	37170	Blank			<.03						
			37171	492.20	493.10	0.90	<.03			1	tr		
			37172	493.10	493.90	0.80	<.03			3	0.5		

PROPERTY: Pawnee			HOLE NUMBER: PW10_6					
Province:	Ontario	**DATE LOGGED:** March 2-9 & April 27-29, 2010	**Grid E**	23+00 E	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** Wayne Benham	**Grid N**	4+25 N		0	360	-55.0
Started:	1-Mar-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577077	REFLEX	27	355.5	-56.9
Completed:	24-Mar-10	**UNITS:** Metres	**UTM N:**	5331548		87	356.6	-57.1
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV :**	330		150	356.0	-58.2
			Length:	1,198.9		210	352.2	-58.7
						270	355.8	-59.2
PURPOSE:	To test MMI, IP and magnetic anomalies					336	356.9	-59.0
						396	355.1	-57.8
COMMENTS:	Reflex tests are bogus from 756 m to 1188 m due to faulty reflex instrument. Sample # 37173-37574, 7 blank and 9 gold standard samples and 586 half core samples were assayed for Au g/t by Polymet Lab. RQD > 90% unless noted.					456	355.6	-57.2
						516	355.8	-56.8
						576	356.3	-56.4
						636	356.1	-55.9
						696	358.6	-55.3
						756	61.7	-69.2
						816	52.0	-69.4
						876	78.5	-69.4
						933	63.1	-69.0
						993	95.7	-69.1
						1053	51.7	-68.7
						1113	53.1	-68.4
						1188	-59.7	-68.6

SUMMARY LOG: PW10_6			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**8.70**	OVB						
8.70	**89.00**	Syenite						
89.00	**107.40**	Komatiite						
107.40	**117.15**	Green Carbonate Zone						
117.15	**124.10**	Cherty Sediments and Siltstones						
124.10	**131.10**	Green Carbonate Zone						
131.10	**162.80**	Altered Sericitic Sediments						
162.80	**171.70**	Deformed Altered Conglomerates						
171.70	**174.10**	Altered Syenite						
174.10	**202.00**	Altered Deformed Conglomerate						
202.00	**248.60**	Chloritic Conglomerate						
248.60	**297.00**	Altered Deformed Conglomerate						
297.00	**327.10**	Altered Greywacke						
327.10	**339.05**	Carbonated Ultramafic						
339.05	**454.00**	Deformed Carbonated Conglomerate						
454.00	**465.80**	Altered Conglomerate						
465.80	**480.50**	Conglomerate						

SUMMARY LOG: PW10_6			ASSAY SUMMARY					
480.50	490.20	Syenite						
490.20	523.70	Conglomerate						
523.70	531.10	Deformed Carbonated Conglomerate						
531.10	533.60	Fault Zone						
533.60	571.20	Chloritic Conglomerate						
571.20	574.40	Altered Sediments and Syenite						
574.40	582.00	Chloritic Conglomerate						
582.00	591.20	Chloritic Brecciated Altered Conglomerate	589.00	590.00	1.00	0.6		
591.20	655.00	Altered Sericitic Conglomerate						
655.00	685.40	Altered Sericitic Greywacke	602.10	603.10	1.00	0.5		
685.40	702.70	Trachyte						
702.70	815.60	Trachyte Tuff						
815.60	883.55	Greywacke						
883.55	911.20	Trachyte						
911.20	1005.00	Trachyte Tuff						
1005.00	1009.50	Trachyte						
1009.50	1039.10	Trachyte Tuff						
1039.10	1064.80	Greywacke to Siltstones						
1064.80	1085.35	Trachyte Tuff						
1085.35	1096.60	Conglomerate	1126.00	1127.00	1.00	0.8		
1096.60	1101.90	Trachyte Tuff						
1101.90	1198.90	Conglomerate	1159.00	1160.00	1.00	1.1		
	1198.90	EOH						

DESCRIPTION : Hole No. PW10_6

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
0.00	8.70	OVB											
		Casing to 9 m.											
8.70	89.00	Syenite											
		Dark red strongly magnetic medium coarse grained hematitic syenite with 10% dark green chloritized amphiboles, moderately fractured at 30-40-60 deg, RQD 50%.											
		14.0-15.2	37173	14.00	15.20	1.2	<.03			1	tr		
		Lighter pink red altered syenite, fractured at 40-60 deg, trace chalcopyrite along fractures, 0.5% disseminated pyrite, <1%, 1-2 mm calcite veining at 40-60 deg.											
		56.6-59.1											
		More chloritic and weakly foliated at 60 deg.											
		69.2-69.7											
		Orange pink weakly silicified, 0.5% disseminated pyrite.	37174	69.20	69.70	0.5	<.03				0.5		
		73.7-75.3											
		Orange red and dark green weakly albitized hematitic altered syenite.											
		80.3-81.7	37175	80.30	81.70	1.4	<.03				1		
		Orange red weakly chloritic brecciated altered syenite with 1% disseminated pyrite in chloritic fractures.											
89.00	107.40	Komatiite											
		89.0-93.9	37176	89.00	89.60	0.60	<.03				tr		
		Contact zone dark black green fine grained strongly magnetic ultramafic intruded by 10%, 2-40 cm wide coarse grained pink white and fine grained orange red syenite dykes at 30-60 deg, 1% disseminated pyrite in fine grained dykes, upper contact chloritic weakly sheared and contorted over 60 cm.	37177	89.60	90.20	0.60	<.03			15	1		
		89.6-90.1											
		Red to orange red magnetic fine grained brecciated syenite at 30-35 deg with 15% light grey white quartz matrix, 1% disseminated fine to medium grained pyrite mainly in syenite.											
		93.9-107.4	37178	93.00	93.90	0.90	<.03			1	0.5		
		Black dark green strongly magnetic fine grained komatiite intruded by 1-100 cm wide orange red syenite dykes at 60-70 deg with 1% disseminated pyrite, <1%, 1-3 mm quartz calcite veining, weakly fractured at 50-60 deg.											
		97.55-98.05 and 100.0-101.0	37179	97.50	98.20	0.70	<.03			1	0.5		
		Red to orange red magnetic fine grained weakly brecciated altered syenite dykes at 60-70 deg with 1% disseminated medium grained pyrite.	37180	98.20	99.00	0.80	0.14			2	tr		
			37181	99.00	100.00	1.00	<.03			1			
			37182	100.00	101.00	1.00	<.03			2	1		
107.40	117.15	Green Carbonate Zone	37183	101.00	102.00	1.00	<.03			1			
		107.4-110.45	37184	102.00	103.00	1.00	<.03			2	tr		
		Contact zone dark green weakly magnetic to nonmagnetic towards lower contact carbonated ultramafic with 15%, 1-5 mm irregular white ankerite veining, upper contact marked by muddy chloritic fault slip at 30 deg, lower contact marked by 15 cm wide ankerite-chlorite fault breccia vein with lower contact marked by 0.5 cm wide chloritic gouge at 80 deg.	37185	103.00	104.20	1.20	<.03			1	tr		
			37186	104.20	105.20	1.00	<.03						
			37187	105.20	106.40	1.20	<.03			2	tr		
			37188	Au std # 6			2.61						
			37189	106.40	107.40	1.00	<.03						
		109.05-109.25	37190	107.40	108.40	1.00	<.03			2	tr		
		Salmon red magnetic fine grained hematitic syenite dyke at 60 deg with 2% finely disseminated pyrite.	37191	108.40	109.30	0.90	<.03			3	0.5		

DESCRIPTION : Hole No. PW10 6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		110.45-115.7	37192	109.30	110.30	1.00	<.03			15			
		Emerald green with dark green gangue non magnetic fuschitic altered green carbonate	37193	110.30	111.30	1.00	<.03			15	0.5		
		ultramafic with trace to 0.5% finely disseminated pyrite and 10-15 % irregular ankerite+-	37194	111.30	112.20	0.90	<.03			10	0.5		
		quartz veining, intruded by 25%, 0.5-20 cm wide dark orange red nonmagnetic fine	37195	112.20	113.00	0.80	<.03			15	1		
		grained syenite dykes with 1-2% finely disseminated pyrite and sharp contacts at 30-40	37196	113.00	113.90	0.90	0.07			10	1		
		deg to irregular contacts brecciated by green carbonate, 5%, 0.2-15 cm light grey white	37197	113.90	114.80	0.90	<.03			10	2		
		quartz+-ankerite veining at 30-70 deg in green carbonate and syenite dykes.	37198	114.80	115.70	0.90	<.03			5	1		
			37199	115.70	116.40	0.70	<.03			1	2		
		115.7-117.15	37200	116.40	117.10	0.70	<.03			1	2		
		Grey red orange red strongly magnetic fine grained hematitic altered syenite dyke with	37201	117.10	118.10	1.00	<.03			15	tr		
		2% finely disseminated pyrite, <1% 0.5 mm ankerite veining, upper contact at 80 deg,	37202	118.10	119.00	0.90	<.03			3	20		
		lower contact at 80 deg.	37203	119.00	120.00	1.00	<.03			5	1		
			37204	120.00	120.50	0.50	<.03			2	15		
117.15	124.10	Cherty Sediments and Siltstones	37205	120.50	121.20	0.70	<.03			5	1		
		117.15-118.6	37206	121.20	121.90	0.70	<.03				1		
		Dark grey and red magnetic cherty sediments at 30 deg to 117.30 m followed by 80 cm	37207	121.90	122.90	1.00	<.03				5		
		of ankeritic light green carbonate followed by 40 cm of grey red magnetic pyrite syenite	37208	122.90	124.10	1.20	<.03			2	5		
		dyke at 60 deg as at 115.7-117.15 m.	37209	124.10	124.90	0.80	<.03			15	5		
		118.6-120.5	37210	Blank			<.03						
		Beige pink black magnetic to strongly magnetic cherty sediments, bedding at 60-80 deg,	37211	124.90	125.90	1.00	<.03			3	1		
		2%, 1-3 cm white quartz veining at 50-70 deg, 0.5% disseminated pyrite except as noted	37212	125.90	127.00	1.10	<.03			5	2		
		below.	37213	127.00	128.10	1.10	<.03			5	2		
		118.6-119.0 and 120.00-120.35	37214	128.10	129.10	1.00	<.03			3	0.5		
		Black to dark grey chert with 25-50%, 0.2-6 cm wide medium grained pyrite veins at 80	37215	129.10	130.10	1.00	<.03			1	1		
		deg with 2% sugary quartz gangue, very irregular contacts.	37216	130.10	131.10	1.00	<.03			3	1		
		119.95-120.00	37217	131.10	132.20	1.10	<.03			2	1		
		Light green and white ankeritic fault breccia vein with 2 mm chloritic muddy lower contact	37218	132.20	133.30	1.10	<.03				1		
		at 80 deg.	37219	133.30	134.40	1.10	<.03				1		
		120.5-124.1	37220	134.40	135.50	1.10	<.03				2		
		Pink grey to beige grey fine grained nonmagnetic weakly potassic and sericitic altered	37221	135.50	136.50	1.00	<.03			5	1		
		siltstones to arkose, finely bedded at 70-80 deg to weakly bedded below 121.9 m, 1-5%,	37222	136.50	137.20	0.70	<.03			2			
		finely disseminated pyrite increasing below 121.9 m, lower contact at 80 deg.	37223	137.20	138.00	0.80	<.03			2			
			37224	138.00	139.00	1.00	<.03				1		
124.10	131.10	Green Carbonate Zone	37225	139.00	140.00	1.00	<.03				1		
		Light emerald green to green nonmagnetic green carbonate with 10-15% 1-20 cm wide	37226	140.00	141.00	1.00	0.21			1	1		
		beige to peanut butter brown irregular fine grained sericitic carbonated felsitic dykes at	37227	141.00	142.00	1.00	<.03			2	1		
		50-70 deg with 1% finely disseminated pyrite, below 125.7 m 50-150 cm wide sericitic	37228	142.00	143.00	1.00	<.03			5	1		
		altered greywackes with 1-2% finely disseminated pyrite, weakly foliated at 60 deg.	37229	143.00	144.00	1.00	0.07			5	1		
			37230	144.00	145.00	1.00	<.03			3	1		
131.10	162.80	Altered Sericitic Sediments	37231	145.00	146.00	1.00	<.03			15	2		
		131.1-142.0	37232	Au std # 7			0.69						
		Light lime green to light pink beige green nonmagnetic fine grained weakly sericitic	37233	146.00	147.00	1.00	<.03			10	1		
		ankeritic altered sediments, weak foliation at 50-70 deg, 1-2% finely disseminated pyrite,	37234	147.00	148.00	1.00	0.07			10	1		
		<1% irregular 1-3 mm ankerite veining., 2-5 cm wide irregular green carbonate "dykes"	37235	148.00	149.00	1.00	<.03			3	1		
		at 135.9-136.2 m, no quartz grains could also be altered felsic tuff?	37236	149.00	150.00	1.00	<.03			2	0.5		
		136.5-137.8	37237	150.00	151.00	1.00	0.07			3	0.5		
		More pink and dark green potassic altered and chloritic brecciated section with 3%	37238	151.00	152.00	1.00	<.03			1	0.5		
		irregular ankerite veining and only trace pyrite.	37239	152.00	153.10	1.10	<.03			2			

DESCRIPTION : Hole No. PW10_6														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		142.0-155.2	37240	153.10	154.20	1.10	<.03				1		
		Light beige green to pink beige weakly sericitic ankeritic altered fine grained greywacke,	37241	154.20	155.20	1.00	<.03			2	1		
		weakly foliated at 80 deg, weakly drag-folded, 1-3%, 0.2-10 cm wide irregular grey white	37242	155.20	156.00	0.80	<.03			5	5		
		quartz+-ankerite veining parallel to foliation, more pink and potassic altered below 151	37243	156.00	157.00	1.00	<.03			1	5		
		m, 1% finely disseminated pyrite only trace pyrite in quartz.	37244	157.00	158.00	1.00	<.03				3		
		155.2-160.0	37245	158.00	159.00	1.00	<.03			10	5		
		Brown orange red and grey brown weakly ankeritic moderately silicified sericitic albitized	37246	159.00	160.00	1.00	<.03			1	3		
		altered greywacke with quartz, weakly foliated at 80 deg, 1%, 1-3 mm white grey	37247	160.00	161.00	1.00	<.03				1		
		ankerite and quartz veining parallel to foliation, 3-5% finely disseminated pyrite.	37248	161.00	162.00	1.00	<.03				1		
		160.0-162.8	37249	162.00	162.80	0.80	<.03				1		
		Brown beige grey nonmagnetic weakly ankeritic sericitic and potassic altered fine	37250	162.80	163.80	1.00	<.03				1		
		grained greywacke to siltstones, weakly to moderately foliated at 80 deg, 1-2% finely	37251	163.80	164.80	1.00	<.03				1		
		disseminated pyrite, <1% quartz-ankerite veining, lower contact at 30 deg and	37252	164.80	165.70	0.90	<.03				1		
		unconformable with siltstone foliation/bedding.											
162.80	**171.70**	Deformed Altered Conglomerates											
		Green grey to red nonmagnetic weakly sericitic deformed conglomerate with 0.5-3 cm											
		wide stretched red fine grained syenite or trachyte clasts in a fine grained silty matrix with											
		0.5-1% finely disseminated pyrite to 165.7 m.											
171.70	**174.10**	Altered Syenite	37253	170.70	171.70	1.00	<.03				0.5		
		Brick orange red fine grained hematitic albitized altered syenite fractured at 5-30 deg, 2-	37254	171.70	172.70	1.00	<.03				5		
		3% finely disseminated pyrite, trace chalcopyrite crystals along vuggy quartz lined	37255	172.70	173.40	0.70	0.07				3		
		fractures at 5 deg, upper contact at 80 deg, lower contact broken, RQD 10%.	37256	173.40	174.10	0.70	<.03				5		
			37257	174.10	175.00	0.90	<.03				1		
174.10	**202.00**	Altered Deformed Conglomerate	37258	175.00	176.00	1.00	<.03				1		
		174.1-179.2	37259	176.00	177.00	1.00	<.03				1		
		Light orange red to dark orange red and green grey strongly deformed and drag-folded	37260	177.00	178.10	1.10	<.03				1		
		weakly sericitic albitized clast-supported altered conglomerate with 15%, 1-3 cm dark red	37261	178.10	179.20	1.10	<.03				1		
		drag-folded syenite clasts or narrow dykes in green grey conglomerate, 1-2%	37262	179.20	180.20	1.00	<.03			1	tr		
		disseminated pyrite in syenite "clasts/dykes", lower contact at 60 deg.	37263	180.20	181.20	1.00	<.03			1	tr		
		179.2-202.0	37264	181.20	182.20	1.00	<.03			1	tr		
		Light green beige green grey green red and orange red nonmagnetic, weakly ankeritic,	37265	182.20	183.30	1.10	<.03			1	0.5		
		more sericitic altered matrix to clast-supported conglomerate, also a decrease in drag-	37266	183.30	184.40	1.10	<.03			2	0.5		
		folding, weakly foliated at 50-60 deg, locally more pink red hematitic and potassic altered	37267	184.40	185.40	1.00	<.03			3	tr		
		weakly drag-folded with trace to 1% disseminated pyrite, 1-2%, 1-10 mm wide white	37268	185.40	186.40	1.00	<.03				tr		
		quartz-ankerite veining at 40-80 deg to 188.3 m, alteration intensity decreases gradually	37269	186.40	187.40	1.00	<.03				tr		
		towards lower contact.	37270	187.40	188.30	0.90	<.03			5	0.5		
		187.8-188.3	37271	188.30	189.00	0.70	<.03				tr		
		Brick red nonmagnetic silicified medium grained syenite dyke at 70-80 deg with 5% light	37272	189.00	190.00	1.00	<.03				1		
		grey quartz breccia matrix and 2% finely disseminated pyrite.	37273	190.00	191.00	1.00	<.03				0.5		
			37274	191.00	192.00	1.00	<.03				0.5		
202.00	**248.60**	Chloritic Conglomerate	37275	192.00	193.00	1.00	<.03				0.5		
		202.0-207.1	37276	193.00	194.00	1.00	<.03				1		
		Dark green nonmagnetic strongly ankeritic chloritic clast-supported conglomerate with	37277	194.00	195.00	1.00	<.03				1		
		0.2-4 cm wide red syenite felsite syenite porphyry, black chert/quartz, sediment and	37278	195.00	196.00	1.00	<.03				1		
		volcanic clasts in a fine to medium grained chloritic mafic ankeritic matrix with white	37279	196.00	197.00	1.00	<.03				1		
		carbonate "flecks", very weakly foliated at 80 deg, trace pyrite.	37280	197.00	198.00	1.00	<.03				0.5		

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		207.1-215.15	37281	198.00	199.00	1.00	<.03				0.5		
		Dark green nonmagnetic chloritic strongly ankeritic carbonated matrix-supported	37282	199.00	200.00	1.00	<.03				tr		
		conglomerate with scattered syenite and black chert/quartz clasts up to 3 cm.	37283	200.00	201.00	1.00	<.03				tr		
		215.15-248.6	37284	201.00	202.00	1.00	<.03				tr		
		Dark green magnetic to 225.1 m and nonmagnetic to weakly magnetic, strongly ankeritic	37285	Blank			<.03						
		chloritic clast and matrix -supported altered conglomerate in fine to medium grained	37286	Au std # 7			0.69						
		chloritic mafic magnetic carbonated matrix, finer grained matrix-supported sections are											
		moderately foliated at 70 deg, locally weakly drag-folded, trace pyrite.											
248.60	297.00	Altered Deformed Conglomerate											
		248.6-257.3											
		Brown red to orange red to beige grey nonmagnetic weakly to moderately sericitic											
		albitized hematitic altered deformed clast-supported conglomerate with altered syenite,											
		syenite porphyry sediment and volcanic stretched clasts in a beige grey sericitic fine											
		grained matrix, moderately foliated at 70 deg, gradational broken upper contact zone.											
		257.3-269.6	37287	257.30	258.30	1.00	<.03			5	tr		
		Orange pink red and light grey ankeritic albitized silicified moderately foliated to	37288	258.30	259.40	1.10	<.03			10			
		brecciated altered deformed clast-supported conglomerate with 10-15%, quartz+-	37289	259.40	260.50	1.10	<.03			10	tr		
		ankerite breccia matrix, foliation where present at 40-50 deg, trace disseminated pyrite,	37290	260.50	261.60	1.10	<.03			15	tr		
		mafic clasts are chloritic to weakly fuschitic altered.	37291	261.60	262.60	1.00	<.03			15	tr		
		269.6-282.0	37292	262.60	263.60	1.00	<.03			15	tr		
		Brown pink red orange red grey to beige green weakly ankeritic sericitic albitized chloritic	37293	263.60	264.60	1.00	<.03			10	tr		
		matrix to clast-supported altered conglomerate not as silicified and brecciated as above,	37294	264.60	265.60	1.00	<.03			10	tr		
		locally moderately foliated at 50 deg in more chloritic and sericitic altered sections,	37295	265.60	266.60	1.00	<.03			5	tr		
		locally trace to 1% disseminated pyrite.	37296	266.60	267.60	1.00	<.03			15	tr		
		282.0-285.0	37297	267.60	268.60	1.00	<.03			5	tr		
		Light pink grey ankeritic carbonated fine grained altered greywacke with 0.5 to 1 % finely	37298	268.60	269.60	1.00	<.03			10	tr		
		disseminated pyrite, weakly brecciated with 3-5% light grey quartz.											
		285.0-293.0	37299	275.00	276.00	1.00	<.03			3	1		
		Orange red to dark brown orange red and light green grey ankeritic hematitic albitized	37300	276.00	277.00	1.00	<.03			3	0.5		
		potassic altered deformed conglomerate, moderately foliated at 50-40 deg with depth,	37301	277.00	278.00	1.00	<.03				0.5		
		0.5-1% finely disseminated pyrite, weakly silicified.											
		293.0-297.0	37302	282.00	283.00	1.00	<.03			3	1		
		Brown dark orange red silicified strongly albitized hematitic deformed drag-folded	37303	283.00	284.00	1.00	<.03			2	1		
		brecciated altered conglomerate with altered syenite and trachyte clasts and fuchsite	37304	284.00	285.00	1.00	<.03			10	1		
		altered ultramafic clasts, 10-15% light grey white and dark green quartz-chlorite breccia	37305	285.00	286.00	1.00	<.03				1		
		matrix, trace to 1% finely disseminated pyrite.	37306	286.00	287.00	1.00	<.03			1	tr		
			37307	287.00	288.00	1.00	<.03			3	0.5		
297.00	327.10	Altered Greywacke	37308	288.00	289.00	1.00	<.03				0.5		
		297.0-299.1	37309	289.00	290.00	1.00	<.03				tr		
		Pink light grey fine grained weakly hematitic potassic sericitic carbonated altered	37310	290.00	291.00	1.00	<.03				tr		
		greywacke with trace disseminated pyrite.	37311	291.00	292.00	1.00	<.03			3	0.5		
		299.1-300.8	37312	292.00	293.00	1.00	<.03			5	0.5		
		Light lime grey and white carbonated weakly fuchsite altered ultramafic with 30%	37313	293.00	294.00	1.00	<.03			10	1		
		contorted ankerite veining, very irregular contacts.	37314	294.00	295.00	1.00	<.03			5	1		
		300.8-304.4	37315	295.00	296.00	1.00	<.03			3	0.5		
		Bright orange red silicified strongly hematitic and albitized altered medium grained	37316	296.00	297.00	1.00	<.03			5	1		
		greywacke, in part looks like trachyte tuff but there are free quartz grains, 3%, 1-5 mm	37317	297.00	298.00	1.00	<.03			10	tr		
		wide irregular white ankerite veining, trace to 1% disseminated pyrite.	37318	298.00	299.10	1.10	<.03			10	tr		

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		304.4-306.85	37319	299.10	300.00	0.90	<.03			40			
		Orange red to pink grey hematitic carbonated fine grained greywacke with 1%	37320	Au std # 6			2.67						
		disseminated pyrite, weakly foliated and chloritic fractured at 20-30 deg.	37321	300.00	300.80	0.80	<.03			20			
		306.85-308.2	37322	300.80	301.70	0.90	<.03			10	tr		
		Bright orange red fine grained silicified hematitic/albitized altered syenite dyke at 50-40	37323	301.70	302.60	0.90	<.03			3	1		
		deg, 10%, 2-10 mm wide grey quartz veining at 30-40 deg, 2%, 1-3 mm altered irregular	37324	302.60	303.50	0.90	<.03			5	0.5		
		ankerite veining, trace to 0.5% pyrite and trace chalcopyrite.	37325	303.50	304.40	0.90	<.03			10	1		
		308.2-317.6	37326	304.40	305.60	1.20	<.03			5	tr		
		Pink grey to bright orange red variably sericitic albitized and carbonated altered	37327	305.60	306.70	1.10	<.03			5	tr		
		greywacke, 5-10%, 0.1-5 cm wide ankerite and quartz-ankerite veining at 20-80 deg,	37328	306.70	307.50	0.80	<.03			10	0.5		
		trace disseminated pyrite, chloritic fracture at 10-40 deg, lower contact at 40 deg.	37329	307.50	308.20	0.70	<.03			10	0.5		
		317.6-327.1	37330	308.20	309.30	1.10	<.03			3	tr		
		Pink grey to pink beige sericitic hematitic potassic and carbonated fine grained altered	37331	309.30	310.40	1.10	<.03			5	tr		
		greywacke with quartz grains, weakly to moderately deformed at 0-30 deg, 15-20%, 1-5	37332	310.40	311.40	1.00	<.03			20	tr		
		mm grey ankerite quartz veining parallel to foliation, locally tightly drag-folded, 0.5-1%	37333	311.40	312.50	1.10	<.03			10	tr		
		fine disseminated pyrite.	37334	312.50	313.60	1.10	<.03			5	tr		
			37335	313.60	314.60	1.00	<.03			10	tr		
327.10	**339.05**	Carbonated Ultramafic	37336	314.60	315.60	1.00	<.03			10	tr		
		Dark green to black green nonmagnetic carbonated deformed ultramafic with 25-40%, 1-	37337	315.60	316.60	1.00	<.03			5	tr		
		3 cm quartz-ankerite and ankerite veining parallel to moderate foliation at 30 deg.	37338	316.60	317.60	1.00	<.03			5	tr		
		329.0-329.2 and 329.7-331.25	37339	317.60	318.30	0.70	<.03			3	tr		
		Pink grey carbonated weakly sericitic altered pebbly greywacke to conglomerate with	37340	Blank			<.03						
		contacts at 30-40 deg.	37341	318.30	319.00	0.70	<.03			10	0.5		
			37342	319.00	320.00	1.00	<.03			10	0.5		
339.05	**454.00**	Deformed Carbonated Conglomerate	37343	320.00	321.00	1.00	<.03			15	0.5		
		339.05-340.0	37344	321.00	322.00	1.00	<.03			15	1		
		Contact zone dark black green to grey nonmagnetic carbonated weakly hematitic	37345	322.00	323.00	1.00	<.03			15	1		
		chloritic altered greywacke with 40 cm wide carbonated ultramafic interval in the middle	37346	323.00	324.00	1.00	<.03			10	0.5		
		of this section, upper and lower contacts marked by 1-2 mm wide chloritic faults at 30	37347	324.00	325.00	1.00	<.03			10	1		
		deg and 40 deg respectively.	37348	325.00	326.00	1.00	<.03			15	0.5		
		340.0-355.3	37349	326.00	327.10	1.10	<.03			15	tr		
		Green grey magnetic ankeritic chloritic carbonated matrix-supported conglomerate with	37350	327.10	328.10	1.00	<.03			45			
		0.5-1.5 cm pink red syenite, grey and black quartz and volcanic and sedimentary clasts											
		in a medium grained chloritic ankeritic white flecked carbonated altered greywacke											
		matrix, 1-3%, 1-5 mm ankerite veining parallel to moderate foliation at 30 deg to 40 deg											
		below 348 m, trace pyrite.											
		355.3-376.5											
		Grey green nonmagnetic chloritic carbonated matrix-supported conglomerate, similar to											
		above but less carbonated and weaker deformation at 40-50 deg with depth.											
		376.5-410.6											
		Dark pink maroon grey magnetic, weakly hematitic chloritic calcitic carbonated altered											
		matrix-supported conglomerate with medium to coarse grained greywacke matrix, 3-											
		10%, 1-10 mm wide, irregular pink white calcite+-quartz veining and irregular patches,											
		locally white flecked carbonated matrix, weakly foliated at 60-70 deg with depth, trace											
		pyrite. lower contact marked by 10 cm wide, pyritic chloritic quartz-ankerite-calcite											
		veining at 60 deg											

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		410.6-416.8											
		Dark green nonmagnetic chloritic strongly carbonated ankeritic deformed matrix-supported conglomerate, scattered stretched drag-folded pink syenite clasts in chloritic altered matrix, 25%, 1-10 mm irregular discontinuous carbonate veining parallel to moderate foliation at 20-30 deg.											
		416.8-420.8											
		Dark black green magnetic less altered coarse grained greywacke with 5% patchy pink white calcite/hematite alteration, 0.5% finely disseminated pyrite, weakly foliated at 30 deg, 1% calcite veining.											
		420.8-430.8	37351	427.50	428.50	1.00	<.03			15	tr		
		Grey and dark green nonmagnetic to weakly magnetic ankeritic carbonated matrix-supported conglomerate, 20-25%, 1-5 mm wide grey carbonate veining at 30-35 deg, trace finely disseminated pyrite.	37352	428.50	429.50	1.00	<.03			25	tr		
			37353	429.50	430.50	1.00	<.03			25	tr		
			37354	430.50	431.50	1.00	<.03			40	tr		
		430.8-440.0	37355	431.50	432.50	1.00	<.03			45	tr		
		Dark green and off white nonmagnetic chloritic strongly ankeritic carbonate veined deformed conglomerate with mainly stretched and drag-folded pink to red syenite clasts in chloritic ankeritic matrix, 35-45%, 1-10 mm wide off white weakly contorted boudinaged carbonate veining parallel to moderate foliation at 20-35 deg, trace pyrite, upper contact at 40 deg.	37356	432.50	433.50	1.00	<.03			45	0.5		
			37357	433.50	434.60	1.10	<.03			45	1		
			37358	434.60	435.70	1.10	<.03			45	1		
			37359	435.70	436.80	1.10	<.03			45	0.5		
			37360	Au std # 6			2.67						
		440.0-440.5	37361	436.80	437.90	1.10	<.03			45	tr		
		Broken core with evidence of crushed fault breccia.	37362	437.90	439.00	1.10	<.03			45	tr		
		440.5-454.0	37363	439.00	440.00	1.00	<.03			45			
		Dark green pink red grey strongly ankeritic weakly hematitic, carbonated deformed drag-folded altered conglomerates with 25-30% drag-folded boudinaged fragmented ankerite veining parallel to foliation at 20-60 deg, trace pyrite, chloritic fractured at 30-40 deg, deformation and carbonate veining decreases with depth.	37364	440.00	440.50	0.50	<.03						
			37365	440.50	441.50	1.00	<.03			35	tr		
			37366	441.50	442.50	1.00	<.03			35	tr		
454.00	**465.80**	Altered Conglomerate											
		454.0-461.0											
		Dark green nonmagnetic chloritic altered conglomerate, moderately fractured at 30 deg, trace pyrite RQD 20%.											
		461.0-464.0	37367	461.00	462.00	1.00	<.03				tr		
		Pink light green beige magnetic sericitic altered conglomerate, weakly foliated at 60 deg, trace pyrite, locally weakly brecciated.	37368	462.00	463.00	1.00	<.03			1	tr		
			37369	463.00	464.00	1.00	<.03			1	tr		
		464.0-465.8	37370	464.00	465.00	1.00	<.03			5	tr		
		Pink to green beige brecciated sericitic conglomerate with 5% ankerite breccia matrix, and 5% hematite breccia matrix, towards lower contact, lower contact marked by 10 cm wide chloritic fault breccia at 60-70 deg followed by 25 cm black nonmagnetic hard massive hematite vein at 70 deg, trace pyrite and 1% pyrite from 465.0-465.55 m	37371	465.00	465.80	0.80	<.03			5			
			37372	465.80	466.80	1.00	<.03			1			
465.80	**480.50**	Conglomerate											
		Dark green weakly magnetic strongly ankeritic chloritic matrix-supported conglomerate with red pink syenite and syenite porphyry sediment and volcanic clasts up to 4 cm in chloritic mafic matrix, very weakly foliated at 40 deg, 1-@5, 1-5 mm ankerite+-quartz veining at 30-50 deg, 1%, 1-10 cm wide irregular hematite+_ankerite veining at 20-25 deg with minor traces of pyrite.	37373	476.80	477.00	0.20	<.03			3	tr		

DESCRIPTION : Hole No. PW10_6														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
480.50	490.20	Syenite	37374	479.50	480.50	1.00	<.03			3			
		Red to bright brick orange red nonmagnetic fine grained hematitic syenite, contacts at 70	37375	480.50	481.50	1.00	<.03			1	1		
		deg, trace to 2% disseminated pyrite, trace chalcopyrite, 1%, 2-10 mm wide hematite	37376	481.50	482.50	1.00	<.03			2	2		
		filled fractures at 30-70 deg, 2-3%, later 0.1-10 cm wide, irregular ankerite veining and	37377	482.50	483.50	1.00	<.03			1	2		
		breccia veins.	37378	483.50	484.50	1.00	<.03			1	1		
			37379	484.50	485.50	1.00	<.03			5	0.5		
490.20	523.70	Conglomerate	37380	Blank			<.03						
		Dark green nonmagnetic chloritic weakly calcitic matrix-supported conglomerate with	37381	485.50	486.40	0.90	<.03			1	tr		
		syenite, feldspar porphyry quartz, sediment and volcanic clasts up to 5 cm in fine to	37382	486.40	487.30	0.90	<.03			5	tr		
		medium chloritic matrix, relatively unaltered and undeformed weakly chloritic hematitic	37383	487.30	488.20	0.90	<.03				2		
		fractured at 20-40 deg, 1-3%, 1-5 mm calcite and ankerite-quartz veining at 10-90 deg	37384	488.20	489.20	1.00	<.03				1		
		and stock work veining, gradational lower contact as unit becomes magnetic, carbonated	37385	489.20	490.20	1.00	<.03				tr		
		and deformed over lower 1 m.											
523.70	531.10	Deformed Carbonated Conglomerate	37386	522.70	523.70	1.00	<.03				tr		
		523.7-524.65	37387	523.70	524.90	1.20	<.03			10	1		
		Pink red magnetic hematitic ankerite and chlorite brecciated altered conglomerate,	37388	524.90	525.90	1.00	<.03			40	tr		
		moderately foliated at 65 deg, 1% disseminated pyrite, 3% ankerite breccia matrix.	37389	525.90	526.80	0.90	<.03			45	tr		
		524.65-524.90	37390	526.80	527.80	1.00	<.03			20	tr		
		Pink grey salmon red syenite dyke at 50-60 deg with 30% light grey quartz veining.	37391	527.80	528.60	0.80	<.03			10	2		
		524.9-531.1	37392	528.60	529.30	0.70	<.03			20	1		
		Dark black green and white magnetic to nonmagnetic chloritic ankeritic carbonated	37393	529.30	530.20	0.90	<.03			45	tr		
		deformed altered conglomerate with 35-45%, 2-10 mm wide boudinaged drag-folded	37394	530.20	531.00	0.80	<.03			45	tr		
		fragmented ankerite veining parallel to moderate foliation at 60 deg, trace to 1%	37395	531.00	531.60	0.60	<.03			15			
		disseminated pyrite.	37396	531.60	532.60	1.00	<.03			2	tr		
			37397	532.60	533.60	1.00	<.03			15	tr		
531.10	533.60	Fault Zone	37398	533.60	534.60	1.00	<.03			10			
		Dark green strongly chloritic fault breccia zone with chloritic brecciated conglomerate in											
		ankeritic matrix, intruded by 10-100 cm magnetic red hematitic finely brecciated syenite											
		dykes at 30-40 deg with trace pyrite, upper contact sheared at 20 deg, lower contact not											
		well defined.											
		531.6-532.6 and 533.35-533.6											
		Red brecciated syenite dykes with trace pyrite.											
533.60	571.20	Chloritic Conglomerate											
		533.7-563.8											
		Dark green strongly magnetic chloritic weakly hematitic, ankeritic and calcitic matrix-											
		supported conglomerate with syenite and quartz clasts in chloritic mafic matrix, weakly											
		foliated at 30-40 deg, weakly carbonated, 5%, 0.2-1.5 cm reddish white weakly hematitic											
		quartz+-calcite+-ankerite irregular drag-folded fragmented wispy veining parallel to											
		foliation											
		540.5-540.6											
		Chlorite-ankerite fault breccia vein at 40 deg.											
		563.8-571.2											
		Pink grey to green grey magnetic ankeritic carbonated deformed conglomerate, 10-15%											
		grey white carbonate veining parallel to moderate foliation at 30 deg changing to 60 deg											
		below 568 m.											

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
571.20	574.40	Altered Sediments and Syenite	37399	571.20	572.10	0.90	<.03			10	0.5		
		571.2-572.1	37400	572.10	573.00	0.90	<.03			15	1		
		Salmon pink nonmagnetic fine grained finely chloritic fractured syenite dyke at 30 deg	37401	573.00	573.70	0.70	<.03			10	tr		
		with 0.5% disseminated pyrite along chloritic fractures, 10%, 1-5 cm wide irregular light	37402	573.70	574.40	0.70	<.03			10	tr		
		grey quartz+ankerite veining.											
		572.1-573.0											
		Pink grey chlorite ankerite fault breccia zone at 20-30 deg with 2% finely disseminated											
		pyrite, 10% ankerite.											
		573.0-574.4											
		Pink grey light green weakly potassic sericitic deformed greywacke or conglomerate with											
		10%, 1-5 mm wide drag-folded ankerite+quartz veining parallel to moderate foliation at											
		30-50 deg, trace to 0.5% pyrite, sharp drag-folded lower contact at 30 and 80 deg,											
		chloritic fractured at 30 deg.											
574.40	582.00	Chloritic Conglomerate											
		Grey green to dark green magnetic ankeritic chloritic matrix-supported conglomerate.											
		Weakly foliated at 50 deg, lower contact marked by 3 mm chloritic fault at 30 deg.											
582.00	591.20	Chloritic Brecciated Altered Conglomerate	37403	581.00	582.00	1.00	<.03			2	0.5		
		Beige pink grey to salmon pink silicified weakly sericitic and potassic altered finely	37404	582.00	583.00	1.00	<.03			5	1		
		chloritic fractured carbonated deformed conglomerate with altered syenite and sediment	37405	583.00	584.00	1.00	<.03			20	1		
		clasts and quartz clast in a weakly sericitic silicified felsic greywacke matrix, 15-20% pink	37406	584.00	585.00	1.00	0.14			20	0.5		
		grey quartz-carbonate veining parallel to weak to moderate foliation at 40 deg, chloritic	37407	585.00	586.00	1.00	0.14			15	0.5		
		fractured at 0-30 deg decreasing in intensity with depth, 1% to trace pyrite along chloritic	37408	586.00	587.00	1.00	<.03			20	0.5		
		fractures decreasing with depth.	37409	587.00	588.00	1.00	<.03			15	1		
			37410	588.00	589.00	1.00	0.14			10	2		
591.20	655.00	Altered Sericitic Conglomerate	37411	589.00	590.00	1.00	0.62			10	tr		
		591.2-593.2	37412	590.00	591.20	1.20	<.03			10	tr		
		Maroon red hematitic weakly silicified altered conglomerate and coarse grained	37413	591.20	592.10	0.90	<.03			3	tr		
		greywacke, trace pyrite, 3% fragmented quartz-ankerite veining.	37414	592.10	593.20	1.10	<.03			3	tr		
		593.2-602.1	37415	593.20	594.10	0.90	<.03			10	tr		
		Light lime green light cream beige and orange red ankeritic weakly silicified sericitic	37416	594.10	595.10	1.00	0.14			10	tr		
		altered conglomerate, weak foliation at 60 deg marked by chlorite+- fuchsite fractures	37417	Au std # 7			0.75						
		and shear planes, 5-15%, off white irregular fragmented ankerite veining, <1% light grey	37418	595.10	596.10	1.00	<.03			10	tr		
		0.5-1.5 cm drag-folded quartz veining with pyrite in altered wallrocks, trace to locally 1%	37419	596.10	597.10	1.00	<.03			20	tr		
		pyrite, chloritic fractured over lower 3 m.	37420	597.10	598.10	1.00	<.03			15	tr		
		602.1-613.4	37421	598.10	599.10	1.00	<.03			15	tr		
		Light grey pink to light pink beige to salmon pink to light lime green white ankeritic	37422	599.10	600.10	1.00	<.03			5	tr		
		weakly silicified potassic sericitic and fuschitic altered deformed conglomerate, 5-15%,	37423	600.10	601.10	1.00	<.03			10	tr		
		carbonate veining parallel to weak to moderate foliation at 60-80 deg, locally bleached	37424	601.10	602.10	1.00	0.14			10	0.5		
		white and increase in chlorite fuchsite foliation planes over 50-70 cm intervals, trace to	37425	602.10	603.10	1.00	0.48			15	1		
		0.5% finely disseminated pyrite.	37426	603.10	604.10	1.00	0.27			20	1		
		613.4-629.2	37427	604.10	605.10	1.00	<.03			15	tr		
		Light grey to light pink beige green weakly ankeritic potassic sericitic silicified deformed	37428	605.10	606.00	0.90	<.03			10	tr		
		conglomerate and quartz-rich greywacke, moderately deformed at 70-80 deg and locally	37429	606.00	607.00	1.00	<.03			15	0.5		
		drag-folded, 1-% 1-5 mm quartz-ankerite veining, locally trace to 1% finely disseminated	37430	607.00	608.00	1.00	<.03			15	0.5		
		pyrite.	37431	608.00	609.00	1.00	<.03			15	tr		

DESCRIPTION : Hole No. PW10_6														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		629.2-637.6	37429	606.00	607.00	1.00	<.03			15	0.5		
		Light grey tan beige and pink beige and lime emerald green moderately silicified and	37430	607.00	608.00	1.00	<.03			15	0.5		
		sericitic and weakly fuschitic altered deformed conglomerate and quartz-rich greywacke,	37431	608.00	609.00	1.00	<.03			15	tr		
		locally drag-folded and moderately foliated at 50 deg define by 1-2 mm fuschitic foliation	37432	609.00	610.30	1.30	<.03			10	tr		
		planes, 3-5% 1-5 mm white quartz-carbonate-albite(?) veining parallel to foliation, trace	37433	610.30	611.10	0.80	<.03			3			
		to 1% finely disseminated pyrite in fuchsite and along vein contacts.	37434	611.10	612.00	0.90	<.03						
		637.6-646.2	37435	612.00	612.80	0.80	<.03			1	tr		
		Pink grey to green grey weakly sericitic and chloritic-fuschitic altered greywacke,	37436	612.80	613.40	0.60	<.03			15	tr		
		moderately foliated at 50 deg, trace pyrite, <1%, white ankerite veining.	37437	613.40	614.40	1.00	<.03			2			
		646.2-655.0											
		Dark red green and pink beige more chloritic fractured/brecciated and drag-folded	37438	628.20	629.20	1.00	<.03			3			
		hematitic chloritic sericitic altered deformed conglomerate, moderately foliated at 30-50	37439	629.20	630.20	1.00	<.03			5	tr		
		deg, trace to 1% finely disseminated pyrite along chloritic foliation planes.	37440	Blank			<.03						
		650.0-654.0	37441	630.20	631.30	1.10	<.03			5	tr		
		Strongly brecciated to fault breccia, RQD 0%.	37442	631.30	632.40	1.10	<.03			5	0.5		
			37443	632.40	633.50	1.10	<.03			3	tr		
655.00	685.40	Altered Sericitic Greywacke	37444	633.50	634.60	1.10	<.03			3	0.5		
		655.0-676.0	37445	634.60	635.60	1.00	<.03			10	1		
		Pink tan beige grey and green ankeritic chloritic potassic hematitic altered deformed	37446	635.60	636.60	1.00	<.03			10	1		
		quartz rich fine to medium grained greywacke to locally pebbly greywacke to	37447	636.60	637.60	1.00	0.07			5	0.5		
		conglomerate, 5-15%, 1-10 mm wide dark grey brecciated quartz and white ankerite	37448	637.60	638.60	1.00	<.03			5			
		veins lenses and vein fragments parallel to moderate foliation at 50-80 deg,	37449	638.60	639.60	1.00	<.03						
		predominantly at 50 deg, trace to 0.5% disseminated pyrite.											
		676.0-685.4	37450	646.20	647.00	0.80	<.03			10	1		
		Light lime green white fine to medium grained sericitic ankeritic weakly fuschitic	37451	647.00	648.00	1.00	<.03			10	1		
		bleached altered deformed greywacke, 5-10% white ankerite veining parallel to	37452	648.00	649.00	1.00	<.03			10	1		
		moderate foliation at 50-60 deg, pink potassic altered and increase in carbonate veining	37453	649.00	650.00	1.00	<.03			5	tr		
		over lower 1 m, trace pyrite.	37454	650.00	651.00	1.00	<.03			3	tr		
			37455	651.00	652.00	1.00	<.03			10	tr		
685.40	702.70	Trachyte	37456	652.00	653.00	1.00	<.03			15	tr		
		685.4-690.0	37457	653.00	654.00	1.00	<.03			5	tr		
		Light salmon pink orange pink to grey pink nonmagnetic fine grained to aphanitic	37458	654.00	655.00	1.00	<.03			5	tr		
		ankeritic hematitic chlorite-specularite fractured trachyte or felsic syenite intrusive,	37459	655.00	656.00	1.00	<.03			10	tr		
		chloritic fractures at 20-40 deg, <1%, 1-10 mm wide light grey quartz+_hematite+-	37460	656.00	657.00	1.00	<.03			10	tr		
		chlorite veining at 30-40 deg, trace chalcopyrite in specularite fractures and quartz	37461	657.00	658.00	1.00	<.03			5	tr		
		veining, trace pyrite, 0.5-1% lacey fracture-controlled chalcopyrite from 689-690 m.	37462	658.00	659.00	1.00	<.03			15	tr		
		690.0-691.9	37463	659.00	660.00	1.00	<.03			15	tr		
		Lighter salmon pink to dark grey silicified specularite brecciated altered trachyte with 1%,	37464	660.00	661.00	1.00	<.03			15	tr		
		fractured-controlled chalcopyrite, gradational contacts.	37465	661.00	662.00	1.00	<.03			15	tr		
		691.9-702.7	37466	662.00	663.00	1.00	<.03			15	tr		
		Light beige salmon pink nonmagnetic weakly ankeritic and sericitic fine grained altered	37467	663.00	664.00	1.00	<.03			15	tr		
		trachyte, core is finely pitted to vuggy with quartz-linings, 3%, 0.5-1 mm grey irregular	37468	664.00	665.00	1.00	<.03			15	tr		
		chlorite-specularite fractures, minor traces of chalcopyrite with specularite, <1% dark	37469	665.00	666.00	1.00	<.03			15	tr		
		grey patchy alteration, fractured/jointed at 20-60 deg.	37470	666.00	667.00	1.00	<.03			15	tr		
			37471	Au std # 6			2.61						

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
702.70	815.60	Trachyte Tuff	37472	684.50	685.40	0.90	<.03						
		702.7-724.0	37473	685.40	686.20	0.80	<.03			1			
		Grey light pink beige salmon red to pink and orange red nonmagnetic, very weakly	37474	686.20	687.00	0.80	<.03			2	tr		
		ankeritic, weakly sericitic to hematitic altered trachyte tuff with dark orange red to red	37475	687.00	688.00	1.00	<.03						
		trachyte clasts up to 2 cm wide in a finer grained sericitic altered tuffaceous matrix,	37476	688.00	689.00	1.00	<.03			10			
		weakly to moderately deformed/bedded at 60 deg defined by stretched clasts and dark	37477	689.00	690.00	1.00	<.03			5			
		blue green grey fractures/foliation planes, trace to 1% specularite along fractures with	37478	690.00	691.00	1.00	0.07						
		traces of chalcopyrite, fractured at 20-60 deg, <1% irregular ankerite+-quartz+-	37479	691.00	691.90	0.90	<.03						
		specularite veining.	37480	691.90	693.00	1.10	<.03						
		724.0-733.0	37481	693.00	694.00	1.00	<.03						
		Darker red and darker black grey, nonmagnetic strongly hematitic and chloritic altered	37482	694.00	695.00	1.00	<.03						
		trachyte tuff, strongly fractured and pitted, well bedded/foliated at 60 deg, 1-2%	37483	695.00	696.00	1.00	<.03						
		specularite with trace to 0.5% chalcopyrite in fractures at 30 deg angle to	37484	696.00	697.00	1.00	0.14						
		bedding/foliation, core becoming darker with depth.	37485	697.00	698.00	1.00	<.03						
		733.0-743.5	37486	698.00	699.00	1.00	<.03						
		Pink red to dark red to dark grey nonmagnetic hematitic and more chloritic altered	37487	699.00	700.00	1.00	<.03						
		trachyte tuff, well bedded/foliated at 50 deg, finely chloritic fractured, 1% specularite with	37488	700.00	701.00	1.00	<.03						
		traces of chalcopyrite visible mainly on broken end of core, weakly pitted/vuggy quartz-	37489	701.00	702.00	1.00	<.03						
		lined fractures/veins.	37490	702.00	702.90	0.90	<.03						
		743.5-747.65	37491	702.90	703.70	0.80	<.03						
		Light pink beige grey nonmagnetic weakly sericitic fine to medium grained felsic intrusive	37492	703.70	704.80	1.10	<.03			1	tr		
		at 60 deg, massive to very weakly foliated at 60 deg.	37493	704.80	705.80	1.00	<.03			2	tr		
		747.65-751.3	37494	705.80	706.90	1.10	<.03						
		Dark grey to pink red nonmagnetic banded red and grey, hematitic chloritic altered	37495	706.90	708.00	1.10	<.03						
		trachyte tuff, moderately deformed and bedded at 55-0 deg, chlorite-specularite fractured	37496	708.00	709.00	1.00	<.03						
		to weakly brecciated, pitted with quartz linings, trace chalcopyrite with specularite, locally	37497	709.00	710.00	1.00	<.03						
		contorted.	37498	710.00	711.00	1.00	<.03						
		751.3-759.0	37499	711.00	712.00	1.00	<.03						
		Light beige salmon pink nonmagnetic weakly ankeritic and sericitic fine grained altered	37500	Blank			<.03						
		trachyte, core is finely pitted to vuggy with quartz-linings, 3%, 0.5-1 mm grey irregular	37501	712.00	713.00	1.00	<.03						
		chlorite-specularite fractures, minor traces of chalcopyrite with specularite, <1% dark	37502	713.00	714.00	1.00	<.03						
		grey patchy alteration, fractured/jointed at 20-60 deg.	37503	714.00	715.00	1.00	<.03						
		759.0-763.15	37504	715.00	716.00	1.00	<.03						
		Dark grey and dark red nonmagnetic ankeritic hematitic chloritic altered trachyte tuff,	37505	716.00	717.00	1.00	<.03						
		moderately banded/foliated/bedded at 50-30 deg, trace chalcopyrite along specularite	37506	717.00	718.00	1.00	<.03						
		fractures and foliation planes.	37507	718.00	719.00	1.00	<.03						
		763.15-764.3	37508	719.00	720.00	1.00	<.03						
		Light greenish beige nonmagnetic weakly sericitic massive medium grained altered felsic	37509	720.00	721.00	1.00	<.03						
		dyke, irregular weakly foliated upper contact at 30 deg, sharp lower contact at 40 deg,	37510	721.00	722.00	1.00	<.03						
		2%, 1-5 mm irregular ankerite veining at 0-20 deg.	37508	719.00	720.00	1.00	<.03						
		764.3-775.5	37510	721.00	722.00	1.00	<.03						
		Dark grey and pink salmon to dark red nonmagnetic ankeritic hematitic chloritic altered	37505	716.00	717.00	1.00	<.03						
		trachyte tuff, chloritic fractured to brecciated, locally moderately foliated at 50-30 deg,	37506	717.00	718.00	1.00	<.03						
		pitted with quartz-lined fractures, trace chalcopyrite along specularite fractures, lower	37507	718.00	719.00	1.00	<.03						
		contact at 30 deg.	37508	719.00	720.00	1.00	<.03						

DESCRIPTION : Hole No. PW10 6														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		775.5-787.0	37509	720.00	721.00	1.00	<.03						
		Pink and red salmon, brick red, orange red and dark grey nonmagnetic variably	37510	721.00	722.00	1.00	<.03						
		hematitic and weakly sericitic and chloritic altered trachyte tuff weakly to moderately	37508	719.00	720.00	1.00	<.03						
		foliated / fractured at 50 deg, <1% irregular ankerite+-quartz veining, trace chalcopyrite	37510	721.00	722.00	1.00	<.03						
		along specularite fractures.	37511	722.00	723.00	1.00	<.03						
		787.0-815.6	37512	723.00	724.00	1.00	<.03						
		Dark grey and dark red nonmagnetic chloritic hematitic altered trachyte tuff, increase in	37513	724.00	725.00	1.00	<.03						
		intensity of foliated at 50 deg, trace chalcopyrite along chlorite-specularite foliation	37514	725.00	726.00	1.00	<.03						
		planes, trace pyrite, <<1% ankerite-quartz veining.	37515	726.00	727.00	1.00	<.03						
			37516	727.00	728.00	1.00	<.03						
815.60	883.55	Greywacke	37517	728.00	729.00	1.00	<.03						
		815.6-840.2	37518	729.00	730.00	1.00	<.03						
		Grey to light grey to rusty salmon pink strongly magnetic fine grained ankeritic gritty	37519	730.00	731.00	1.00	<.03						
		greywacke with 5-10% finely disseminated magnetite, 1-3 cm wide rusty salmon pink	37520	731.00	732.00	1.00	<.03						
		interbedded fine grained trachyte tuff, finely bedded at 40-45 deg, 1% irregular ankerite	37521	732.00	733.00	1.00	<.03						
		veining, upper contact at 40 deg.	37522	Au std # 7			0.65						
		840.2-868.6	37523	733.00	734.00	1.00	<.03						
		Salmon pink to brown pink to grey magnetic ankeritic fine grained greywacke with 5-10%	37524	734.00	735.00	1.00	0.07						
		finely disseminated magnetite, 0.1-3 m wide pink brown hematitic interbedded fine to	37525	735.00	736.00	1.00	0.07						
		medium grained trachyte tuff, massive to weakly bedded at 40 deg, locally minor traces	37526	736.00	737.00	1.00	<.03						
		of fine grained pyrite.	37527	737.00	738.00	1.00	<.03						
		868.6-883.55	37528	738.00	739.00	1.00	<.03						
		Grey to pink grey strongly magnetic ankeritic fine grained greywacke with 10-15% finely	37529	739.00	740.00	1.00	0.21						
		disseminated magnetite, finely bedded at 20-60 deg with depth, weakly hematitic and	37530	740.00	741.00	1.00	<.03						
		potassic altered, <<1% irregular ankerite veining.	37531	741.00	741.90	0.90	<.03						
			37532	741.90	742.70	0.80	0.14						
883.55	911.20	Trachyte	37533	742.70	743.50	0.80	<.03						
		Dark grey and salmon pink weakly ankeritic nonmagnetic fine grained trachyte flow, 5-											
		20% irregular fracture controlled salmon pink hematite-potassic alteration, weakly	37534	747.60	748.80	1.20	<.03						
		chloritic-hematitic fractured, <1-10% irregular ankerite veining.											
		909.37-909.38	37535	748.80	750.00	1.20	<.03						
		0.5-1 cm wide boudinaged white ankerite vein at 40 deg with 5% blebby chalcopyrite.	37536	750.00	751.30	1.30	<.03						
			37537	751.30	752.30	1.00	<.03						
911.20	1005.00	Trachyte Tuff											
		911.2-952.8	37538	752.30	753.50	1.20	<.03						
		Dark grey to salmon pink nonmagnetic ankeritic fined to medium grained trachyte tuff											
		with hematite/potassic fracture-controlled alteration, weakly deformed to bedded at 40-	37539	759.00	760.00	1.00	<.03						
		60 deg, similar to above unit but has a more tuffaceous texture than massive flow	37540	760.00	761.00	1.00	<.03						
		texture, 1-2% irregular ankerite veining, trace pyrite +-chalcopyrite along some chloritic											
		fractures.	37541	770.00	771.10	1.10	0.07						
		952.8-987.0	37542	771.10	772.20	1.10	<.03						
		Green grey to dark grey to pink grey, weakly ankeritic, coarser grained tuff to trachyte	37543	772.20	773.30	1.10	<.03						
		lapilli tuff with up to 1 cm dark green chloritic clasts, nonmagnetic to locally strongly	37544	773.30	774.40	1.10	<.03						
		magnetic over 10-30 cm in finer grained greywacke sections, weakly foliated at 40 deg,	37545	Blank			<.03						
		1-2%, 0.2-2 cm white ankerite veining at 20-50 deg.	37546	774.40	775.50	1.10	0.21						

DESCRIPTION : Hole No. PW10_6															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
		987.0-1005.0											
		Dark grey to beige pink grey fine grained nonmagnetic weakly ankeritic trachyte tuff,	37547	787.00	788.00	1.00	<.03						
		finely bedded at 40-45 deg, weak fracture controlled salmon pink hematite/potassic	37548	788.00	789.00	1.00	<.03						
		alteration, minor ankerite veining.	37549	789.00	790.00	1.00	<.03						
			37550	790.00	791.00	1.00	<.03						
1005.00	1009.50	Trachyte	37550	790.00	791.00	1.00	<.03						
		Dark grey black fine grained trachyte with 10%, 0.2-1.5 cm white lucite phenocrysts,	37549	789.00	790.00	1.00	<.03						
		contacts at 50 deg.	37550	790.00	791.00	1.00	<.03						
1009.50	1039.10	Trachyte Tuff	37551	842.00	843.00	1.00	<.03				0.5		
		1009.5-1018.8											
		Black brown pink to pink grey weakly ankeritic nonmagnetic medium grained trachyte	37552	855.50	856.50	1.00	<.03				tr		
		tuff, moderately bedded/foliated at 40-6- deg with depth, fracture-controlled pink											
		hematite/potassic alteration.	37553	906.00	907.00	1.00	<.03			10	tr		
		1018.8-1022.4	37554	907.00	908.00	1.00	<.03			10	tr		
		Light beige pink fine grained well bedded sericitic hematite altered trachyte tuff, bedding	37555	908.00	909.00	1.00	<.03			3	tr		
		at 60 deg, trace pyrite-chalcopyrite-specularite along chloritic hematite fractures at 110	37556	909.00	910.00	1.00	<.03			3	tr		
		deg.	37557	910.00	911.20	1.20	<.03			15	tr		
		1022.4-1039.1											
		Dark green grey and brown pink red nonmagnetic ankeritic finely bedded fine to medium	37558	1018.80	1019.70	0.90	<.03			5	tr		
		grained trachyte tuffs with alternating hematitic and chloritic altered beds, bedding at 50-	37559	1019.70	1020.60	0.90	0.14			5	tr		
		55 deg trace to 1% specularite along hematitic chloritic fractures.	37560	1020.60	1021.50	0.90	<.03			1	tr		
			37561	1021.50	1022.40	0.90	<.03			1	tr		
1039.10	1064.80	Greywacke to Siltstones											
		Beige red pink salmon nonmagnetic ankeritic weakly sericitic and hematitic altered fine											
		to very fine grained greywacke to siltstones, finely bedded at 50 changing to 70 deg											
		below 1049 m, <1% irregular white ankerite veining.											
1064.80	1085.35	Trachyte Tuff											
		Dark red and green grey black nonmagnetic ankeritic, chloritic, hematitic altered trachyte											
		tuffs, moderately bedded/foliated at 50-60 deg											
		1072.6-1075.6	37562	1072.60	1073.60	1.00	0.14				tr		
		Trace to 0.5% finely disseminated pyrite.	37563	1073.60	1074.60	1.00	0.07				tr		
			37564	1074.60	1075.60	1.00	0.07						
1085.35	1096.60	Conglomerate											
		Black and beige pink and red nonmagnetic ankeritic conglomerate with 0.5-5 cm red and											
		black rounded to subrounded trachyte clasts and syenite clasts in beige gritty greywacke											
		matrix, moderately bedded/foliated at 50-55 deg, sharp upper contact at 60 deg, lower											
		contact at 50 deg.											
		1090.7-1091.7	37565	1090.70	1091.70	1.00	<.03				tr		
		Trace disseminated pyrite.											
1096.60	1101.90	Trachyte Tuff											
		Dark red to beige pink nonmagnetic ankeritic hematitic altered trachyte tuff, more											
		massive to weakly foliated at 55 deg.											

DESCRIPTION : Hole No. PW10_6														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)	Alter'	Core Angle
1101.90	1198.90	Conglomerate											
		1101.9-1107.5											
		Light yellow beige to pink red weakly sericitic hematitic altered fine grained siltstone and greywacke, moderately bedded/foliated at 50 deg.											
		1107.5-1136.5	37566	1126.00	1127.00	1.00	0.82				tr		
		Dark red green black and light green beige nonmagnetic hematitic altered clast-supported conglomerate with 0.2-6 cm stretched and rounded syenite, trachyte, basalt and siltstone clasts in a fine to medium grained clastic matrix, interbedded by 10-80 cm wide fine grained siltstone to greywacke horizons, weakly foliated at 50-60 deg, trace pyrite-chalcopyrite-specularite along foliation planes e.g. 1128.6 m..	37567	1127.00	1128.00	1.00	0.14				tr		
			37568	1128.00	1129.00	1.00	0.07				tr		
			37569	1129.00	1130.00	1.00	<.03				tr		
		1136.5-1138.05											
		Light green beige weakly sericitic altered fine grained siltstone, weakly bedded at 60 deg, contacts at 60 deg.											
		1138.05-1144.5											
		Dark red green black and light green beige nonmagnetic hematitic altered clast-supported conglomerate with 0.2-6 cm stretched and rounded syenite, trachyte, basalt and siltstone clasts in a fine to medium grained clastic matrix.											
		1144.5-1157.2											
		Dark red and dark green ankeritic hematitic altered clast-supported conglomerate with 10% vuggy hematite+-ankerite veins and patches, weakly foliated at 60 deg.											
		1157.2-1161.0	37570	1157.20	1158.00	0.80	0.07				tr		
		Bright brick red weakly magnetic strongly hematite altered conglomerate, trace specularite chalcopyrite and pyrite along fractures.	37571	1158.00	1159.00	1.00	<.03				tr		
			37572	Au std # 6			2.67						
		1161.0-1166.2	37573	1159.00	1160.00	1.00	**1.23**	**1.03**	**1.13**		tr		
		Dark red and light green beige ankeritic hematitic clast-supported conglomerate.	37574	1160.00	1161.00	1.00	0.27						
		1166.2-1173.1											
		Dark grey and beige interbedded fine grained greywacke and matrix-supported conglomerate, 10%, 0.2-1.5 cm wide ankerite veining at 30-60 deg.											
		1173.1-1177.6											
		Light greenish white medium grained "felsic" intrusive dyke with irregular contacts at 80-85 deg, very weakly "fuschitic" alteration.											
		1177.6-1186.4											
		Dark red and dark green ankeritic hematitic altered clast-supported conglomerate, weakly foliated at 40 deg, lower contact at 40 deg.											
		1186.4-1198.9											
		Dark black green and pink red nonmagnetic hematitic conglomerate intruded by 10-80 cm wide dark black green chloritic fine grained ultramafic dykes at 40-50 deg, fractured at 25-40 deg.											
	1198.90	EOH											
		Casing left in hole.											

PROPERTY: Pawnee			HOLE NUMBER: PW10_7					
Province:	Ontario	**DATE LOGGED:** May1-May 6, 2010	**Grid E**	25+75	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** Wayne Benham	**Grid N**	6+00		0	10	-60.0
Started:	25-Mar-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577329	REFLEX	21	11.1	-60.8
Completed:	18-Apr-10	**UNITS:** Metres	**UTM N:**	5331682		81	18.8	-60.8
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV :**	345		141	14.1	-61.4
			Length:	1,001.2		201	14.9	-62.2
						261	13.1	-62.9
PURPOSE:	To test MMI, IP and magnetic anomalies					321	13.3	-62.7
						381	14.0	-62.5
COMMENTS:	Sample # 37575-37808 and 69102-69122 (255 samples) were assayed for Au g/t by Polymet Lab.					441	14.6	-62.2
	RQD > 90% unless noted					507	13.9	-62.3
						567	12.9	-62.3
						627	11.9	-62.8
						687	11.5	-62.4
						747	13.2	-62.6
						807	17.9	-62.4
						867	17.7	-61.8
						927	18.9	-61.5
						990	19.1	-61.5

SUMMARY LOG: PW10_7			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**11.50**	OVB	0.0			Avg		
11.50	**75.60**	Syenite						
75.60	**82.30**	Siltstone Lean Oxide Iron Formation						
82.30	**88.60**	Syenite & Siltstone						
88.60	**115.40**	Deformation Zone						
115.40	**121.30**	Syenite						
121.30	**157.20**	Dull Green Carbonate Zone						
157.20	**164.30**	Carbonated Ultramafic						
164.30	**178.50**	Deformed Sericitic Mudstones and Siltstones						
178.50	**192.90**	Deformed Carbonated Ultramafics						
192.90	**211.10**	Altered Tuff	204.1	205.2	1.1	0.5		
211.10	**217.90**	Altered Hematitic Siltstones						
217.90	**223.60**	Dull Green Brown Carbonate Zone						
223.60	**234.50**	Altered Greywacke						
234.50	**238.20**	Altered Tuff						
238.20	**306.75**	Altered Greywacke						
306.75	**338.70**	Deformation Zone Altered Conglomerate						
338.70	**347.10**	Carbonated Ultramafics						
347.10	**352.50**	Deformed Altered Conglomerate						
352.50	**354.40**	Carbonated Ultramafics						
354.40	**358.60**	Deformed Altered Conglomerate						
358.60	**362.70**	Carbonated Ultramafic						
362.70	**374.70**	Deformed Altered Conglomerate						
374.70	**378.00**	Syenite						
378.00	**382.30**	Deformed Altered Chloritic Conglomerate						

SUMMARY LOG: PW10_7			ASSAY SUMMARY					
382.30	387.00	Syenite						
387.00	412.10	Deformed Altered Chloritic Conglomerate						
412.10	419.30	Fault Zone Conglomerate						
419.30	444.60	Deformed Altered Chloritic Conglomerate						
444.60	478.00	Conglomerate						
478.00	525.75	Deformed Altered Conglomerate						
525.75	533.80	Altered Greywacke						
533.80	545.70	Diabase						
545.70	565.80	Altered Greywacke						
565.80	568.20	Fault Zone						
568.20	625.80	Altered Greywacke						
625.80	684.55	Altered Carbonated Conglomerate						
684.55	702.50	Trachyte Tuff						
702.50	712.30	Trachyte						
712.30	718.20	Greywacke						
718.20	723.50	Trachyte						
723.50	730.55	Greywacke						
730.55	793.80	Trachyte Tuff	778.1	783.5	5.4	1.9		
793.80	809.00	Altered Greywacke						
809.00	847.20	Trachyte Tuff to Lapilli Tuff						
847.20	879.10	Altered Greywacke						
879.10	908.00	Greywacke						
908.00	945.00	Trachyte Tuff						
945.00	1001.20	Siltstones and Greywacke						
	1001.20	EOH						

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
0.00	11.50	OVB												
		Casing driven to 9 m, bedrock actually starts at 11.5 m according to driller's blocks												
11.50	75.60	Syenite												
		11.5-30.6												
		Maroon red magnetic coarse grained syenite with 10% dark green chloritic amphibole gangue, moderately fractured at 30-80 deg, RQD 25%.												
		30.6-42.35												
		Bright brick orange red to maroon red medium to coarse grained syenite with patchy hematite alteration, moderately chloritic fractured at 30-70 deg, RQD 25%.												
		45.35-45.70												
		Dark green fine grained chloritic ultramafic dyke at 50 deg.												
		45.7-62.8												
		Maroon red magnetic coarse grained syenite with 10% dark green chloritic amphibole gangue, moderately fractured at 30-70 deg, RQD 50%.												
		62.8-75.6												
		Bright brick orange red magnetic strongly hematite altered syenite, moderately chloritic fractured at 30-60 deg, RQD 20%.												
75.60	82.30	Siltstone Lean Oxide Iron Formation	37575	78.70	79.70	1.00	<.03			1	tr			
		Grey to black strongly magnetic fine grained siltstone with 15%, 1-5 mm black magnetite+-biotite beds, trace pyrite, finely bedded at 60 deg, intruded by 25%, 0.5-50 cm wide bright orange red hematitic dykes at 60-70 deg, 1%, 0.2-2.5 cm irregular white barren quartz+-ankerite veining.	37576	79.70	80.70	1.00	<.03			1	tr			
			37577	80.70	81.70	1.00	<.03			3	tr			
			37578	81.70	82.30	0.60	<.03			1	2			
			37579	82.30	83.50	1.20	<.03			15	tr			
		81.7-82.3	37580	83.50	84.70	1.20	<.03			2	tr			
		Grey strongly magnetic siltstone, finely bedded/foliated at 60 deg, 1% pyrite along foliation planes mainly concentrated over upper 20 cm, upper contact marked by chloritic slip at 60 deg.	37581	84.70	85.40	0.70	<.03			8	0.5			
			37582	85.40	86.40	1.00	<.03			40	2			
			37583	86.40	87.40	1.00	<.03			3	tr			
			37584	87.40	88.60	1.20	<.03			8	tr			
82.30	88.90	Syenite & Siltstone	37585	88.60	89.80	1.20	<.03			3	tr			
		82.3-84.7	37586	89.80	91.00	1.20	<.03							
		Bright orange red weakly magnetic hematite altered medium grained syenite, with 20% magnetic siltstone inclusions, fractured at 30-70 deg, 2%, 1-5 mm grey white quartz-ankerite veining at 30-40 deg, trace to 0.5% finely disseminated pyrite in syenite.	37587	91.00	92.00	1.00	0.07			1	2			
			37588	92.00	93.00	1.00	<.03			5	1			
			37589	93.00	94.00	1.00	<.03			15	tr			
		84.7-86.4	37590	94.00	95.00	1.00	<.03			10	1			
		Salmon red to orange red fractured syenite with 25%, 1-35 cm wide dark smokey grey fractured quartz veining at 70 deg with 1% fine grained pyrite in fractures.	37591	95.00	96.00	1.00	<.03			10	0.5			
			37592	96.00	97.00	1.00	<.03			10	1			
		86.4-88.6	37593	97.00	98.00	1.00	<.03			15	0.5			
		Bright orange red weakly magnetic hematite altered medium grained syenite, with 40% magnetic siltstone inclusions, fractured at 30-70 deg, 2%, 1-5 mm grey white quartz-ankerite veining at 30-40 deg, 1% finely disseminated pyrite in syenite.	37594	98.00	99.10	1.10	<.03			15	0.5			
			37595	99.10	100.20	1.10	<.03			10	1			
			37596	100.20	101.00	0.80	<.03			15	tr			
			37597	Blank			<.03							
88.60	115.40	Deformation Zone												
		88.6-100.9												
		Creamy white and dark green deformed carbonated altered ultramafics intruded by 1-70 cm wide light beige yellow to salmon pink fine grained felsic dykes with very irregular to drag-folded contacts at 60-70 deg, 1% fine grained disseminated pyrite in felsic dykes, 10-15% ankerite veining in ultramafics.												

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		91.05-91.95												
		Bright orange red fine grained syenite dyke at 70 deg with 2% disseminated pyrite in fractures and 1% 1-2 mm ankerite veining at 30-40 deg.												
		100.9-110.4												
		Green light beige salmon pink and grey strongly deformed at 60-70 deg with intercalated 10-50 cm wide carbonated ultramafics, sericitic finely laminated altered siltstones and <2%, 1-5 cm wide irregular felsic dykes, locally minor traces of disseminated pyrite, 5-10% ankerite veining mainly in ultramafic sections, locally drag-folded ankerite veining.												
		110.4-115.4												
		Dark red to bright orange red nonmagnetic strongly deformed hematitic altered syenite, foliation at 60-70 deg, upper contact at 60 deg, lower contact at 30 deg, weakly chloritic fractured, trace pyrite.												
115.40	**121.30**	Syenite	37598	117.10	118.10	1.00	<.03			2				
		Bright orange red nonmagnetic, fine grained strongly hematite altered syenite, weakly chloritic fractured, 1%, 1 mm ankerite veining at 20 deg, trace pyrite.	37599	118.10	118.70	0.60	<.03			20	0.5			
			37600	118.70	119.70	1.00	<.03			3				
		118.17-118.60	37601	119.70	120.50	0.80	<.03			1	tr			
		White grey to dark green ankerite-quartz-chlorite vein with 2% fracture-controlled pyrite, upper contact at 30 deg, lower contact very irregular and jagged.	37602	120.50	121.30	0.80	<.03			1	tr			
			37603	121.30	122.30	1.00	<.03			30	0.5			
			37604	122.30	123.40	1.10	<.03			35	tr			
121.30	**157.20**	Dull Green Carbonate Zone	37605	123.40	124.50	1.10	<.03			35	tr			
		121.3-138.8	37606	124.50	125.60	1.10	<.03			35	tr			
		White and light emerald green dull green carbonate with 35-45% creamy white ankerite veining parallel to moderate foliation at 40-50-60 deg, intruded by 20%, 1-80 cm wide, light beige salmon pink to orange red salmon fine grained albitized weakly sericitic altered felsic dykes with 5-10% fracture-controlled white ankerite+-grey quartz veining and trace to 3% disseminated and fracture-controlled pyrite, dyke contacts sharp at 40-50 deg to irregular drag-folded at 10-30 deg.	37607	125.60	126.70	1.10	<.03			35	tr			
			37608	126.70	127.80	1.10	<.03			40	1			
			37609	127.80	128.80	1.00	<.03			45	tr			
			37610	128.80	130.10	1.30	<.03			40				
			37611	130.10	131.10	1.00	<.03			45	1			
			37612	131.10	132.10	1.00	<.03			45	2			
		138.8-157.2	37613	132.10	133.10	1.00	<.03			40	tr			
		Dull green carbonate as above but with only 10%, 1-60 cm wide predominantly light beige sericitic altered felsic dykes with trace to 1% finely disseminated pyrite and 5% light grey quartz+-ankerite veining, foliation at 40-50 deg, felsic are more mylonitic and deformed versus more siliceous and fractured above.	37614	133.10	134.20	1.10	<.03			45	tr			
			37615	134.20	135.30	1.10	<.03			35	1			
			37616	135.30	136.30	1.00	<.03			45	tr			
			37617	136.30	137.30	1.00	<.03			45				
			37618	137.30	138.20	0.90	<.03			45	tr			
157.20	**164.30**	Carbonated Ultramafic	37619	138.20	138.80	0.60	<.03			40	1			
		Green grey to dark green nonmagnetic deformed drag-folded carbonated ultramafics with 30-40% ankerite veining, foliation at 40-50 deg.	37620	138.80	139.90	1.10	<.03			45				
			37621	139.90	141.00	1.10	<.03			40				
		162.8-163.0	37622	141.00	142.20	1.20	<.03			40	tr			
		Chloritic fault zone at 60 deg.	37623	142.20	143.20	1.00	<.03			45	tr			
			37624	143.20	144.20	1.00	<.03			45	tr			
164.30	**178.50**	Deformed Sericitic Mudstones and Siltstones	37625	144.20	145.20	1.00	<.03			35	tr			
		161.3-171.0	37626	145.20	146.10	0.90	<.03			35	0.5			
		Yellow beige to grey deformed drag-folded crenulated sericitic altered mudstones and siltstones, moderately to strongly deformed/bedded at 30-40-50 deg, 2-3%, 1-5 mm white ankerite-quartz veining parallel to foliation, minor trace pyrite.	37627	146.10	147.20	1.10	<.03			35	1			
			37628	147.20	148.00	0.80	<.03			35	0.5			
			37629	148.00	148.90	0.90	<.03			35	1			

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		171.0-174.6	37630	148.90	150.00	1.10	<.03			40			
		Yellow beige to grey strongly deformed and drag-folded sericitic altered mudstones and	37631	150.00	151.10	1.10	<.03			35			
		siltstones with 15-20%, 0.2-3 cm wide ribboned light grey to dark grey quartz and white	37632	151.10	152.20	1.10	<.03			40			
		ankerite veining parallel to foliation at 5-70 deg, trace to 0.5% disseminated pyrite along	37633	152.20	153.20	1.00	<.03			35	tr		
		vein contacts and foliation planes.	37634	153.20	154.10	0.90	<.03			40			
		174.6-178.5	37635	154.10	155.00	0.90	<.03			40	0.5		
		Intercalated dark green deformed carbonated ultramafics and deformed sericitic	37636	155.00	156.00	1.00	<.03			45	1		
		mudstones and siltstones intruded by 1-10 cm wide, bright orange pink to salmon pink	37637	156.00	157.20	1.20	<.03			40	0.5		
		albitized felsic dykes at 30-40 deg with 1% finely disseminated pyrite and 1-2% fracture-	37638	Au std # 6			2.67						
		controlled quartz-ankerite veining, 25-35% ankerite veining in ultramafics parallel to											
		strong foliation and drag-folding at 20-70 deg.	37639	171.00	172.20	1.20	<.03			20	0.5		
			37640	172.20	173.40	1.20	<.03			15	tr		
178.50	192.90	Deformed Carbonated Ultramafics	37641	173.40	174.60	1.20	<.03			15	tr		
		178.5-184.1	37642	174.60	175.50	0.90	<.03			10	1		
		Light beige grey to white to dark green deformed drag-folded crenulated weakly sericitic	37643	175.50	176.50	1.00	<.03			10	0.5		
		carbonated altered ultramafic with 35-45% 1-5 mm wide fragmented drag-folded	37644	176.50	177.40	0.90	<.03			10	tr		
		ankerite+-quartz veining parallel to foliation at 5-70 deg, <1%, 2-5 cm salmon pink	37645	177.40	178.50	1.10	<.03			15	1		
		altered felsite dykes with trace pyrite.	37646	178.50	179.60	1.10	<.03			35	tr		
		184.1-192.9	37647	179.60	180.60	1.00	<.03			35	tr		
		Dark green and white deformed carbonated ultramafics intruded by 60%, 1-80 cm wide	37648	180.60	181.50	0.90	<.03			35			
		bright orange red to salmon pink fine grained albitized syenite dykes with 5-10% grey	37649	181.50	182.60	1.10	<.03			40	tr		
		fractured controlled 1-5 mm quartz veining cut by 3%, 1-3 mm white ankerite veining at	37650	182.60	183.40	0.80	<.03			20			
		70 deg, 0.5-5% fracture-controlled and disseminated fine to medium grained pyrite, dyke	37651	183.40	184.10	0.70	<.03			35			
		contacts sharp at 30-40 deg to very irregular and drag-folded.	37652	184.10	185.00	0.90	<.03			30	0.5		
		191.9-192.0	37653	185.00	186.00	1.00	<.03			25	1		
		10% grey white quartz-ankerite veining at 5-20 deg with 5% fine-medium grained pyrite,	37654	186.00	187.00	1.00	<.03			15	1		
		lower contact marked by 5 mm wide brown mud fault at 60 deg.	37655	187.00	187.90	0.90	<.03			15	0.5		
			37656	187.90	188.90	1.00	<.03			20	1		
192.90	211.10	Altered Tuff	37657	188.90	189.90	1.00	<.03			40	tr		
		Dark green yellow green and beige salmon red, nonmagnetic deformed chloritic sericitic	37658	189.90	190.90	1.00	<.03			15	1		
		altered fine to medium grained mafic tuff, moderately foliated at 40 to 70 deg with depth,	37659	190.90	192.00	1.10	<.03			25	5		
		<1% quartz-ankerite veining parallel to foliation, trace pyrite, upper contact at 70 deg,	37660	Blank			<.03						
		lower contact at 130 deg.	37661	192.00	192.90	0.90	<.03			30	tr		
		204.2-205.15											
		Brick orange red fine grained hematitic altered felsic (syenite) dyke at 40-50 deg with 2%	37662	203.00	204.10	1.10	<.03				tr		
		finely disseminated pyrite, 1 cm wide drag-folded dyke in upper hanging wall.	37663	204.10	205.20	1.10	0.55				2		
			37664	205.20	206.20	1.00	<.03				tr		
211.10	217.90	Altered Hematitic Siltstones											
		Grey rusty brown red to orange red nonmagnetic very fine grained hematitic altered											
		siltstones, finely bedded/foliated at 60-70 deg, trace disseminated pyrite.											
217.90	223.60	Dull Green Brown Carbonate Zone	37665	217.00	217.90	0.90	<.03			5	tr		
		217.9-221.80	37666	217.90	219.00	1.10	<.03			40	tr		
		White and dull emerald green ankeritic carbonated altered ultramafics with 35-40% white	37667	219.00	220.00	1.00	<.03			40	tr		
		fragmented drag-folded ankerite veining parallel to weak foliation at 60-70 deg, 25%, 1-	37668	220.00	221.00	1.00	<.03			45	tr		
		10 cm wide bands of deformed light beige brown altered felsic dykes parallel to foliation,	37669	221.00	221.80	0.80	<.03			30	tr		
		trace pyrite.	37670	221.80	222.70	0.90	<.03			25	tr		

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		221.80-223.6	37671	222.70	223.60	0.90	<.03			20	tr		
		1-3 cm ankerite-quartz-black chlorite vein at 0-5 deg along core axis intruding sericitic	37672	223.60	224.60	1.00	<.03			3	tr		
		foliated altered siltstones, 1%, 1-5 mm chalcopyrite blebs in chlorite.											
223.60	234.50	Altered Greywacke											
		223.6-230.2											
		Brown orange red nonmagnetic fine to medium grained hematitic altered greywacke,											
		weakly foliated at 60 deg, trace disseminated pyrite.											
		230.2-231.4	37673	230.20	231.40	1.20	<.03			3	0.5		
		Stronger deformation and drag-folding, 3%, 1-2 cm wide blue grey drag-folded quartz	37674	231.40	232.60	1.20	<.03			25			
		veining along core axis, 0.5% disseminated pyrite.	37675	232.60	233.50	0.90	<.03			30			
		231.4-234.5	37676	233.50	234.50	1.00	<.03			10			
		White light emerald green and light salmon pink ankeritic carbonated weakly fuschitic	37677	234.50	235.50	1.00	<.03			5	0.5		
		altered greywacke with 20-30% white boudinaged fragmented ankerite veining parallel to	37678	235.50	236.40	0.90	<.03			3	tr		
		moderate foliation at 60 deg.	37679	236.40	237.30	0.90	<.03			5	0.5		
			37680	237.30	238.20	0.90	<.03			5	1		
234.50	238.20	Altered Tuff	37681	Au std # 6			2.61						
		Dark green red and yellow beige nonmagnetic hematitic chloritic sericitic altered mafic to	37682	238.20	239.50	1.30	0.21			30			
		trachyte tuffs with 3-5% 1-5 mm wide grey quartz+-ankerite veining parallel to moderate											
		foliation at 50 deg, trace to 1% fine to medium grained pyrite along foliation planes.											
238.20	306.75	Altered Greywacke											
		238.2-246.3											
		White light emerald green and light salmon pink ankeritic carbonate weakly fuschitic											
		altered greywacke with 20-30% white boudinaged fragmented ankerite veining parallel to											
		moderate foliation at 50 deg.											
		246.3-252.8	37683	246.30	247.30	1.00	<.03			10	tr		
		Orange red pink nonmagnetic deformed hematitic albitized altered greywacke with 10-	37684	247.30	248.40	1.10	<.03			15	1		
		15%, 1-5 mm blue grey sugary quartz veining parallel to moderate foliation at 50 deg,	37685	248.40	249.50	1.10	<.03			15	1		
		trace to 0.5% disseminated pyrite along foliation planes, weakly chloritic fractured.	37686	249.50	250.60	1.10	<.03			15	tr		
		252.8-279.0	37687	250.60	251.70	1.10	<.03			10	0.5		
		Light orange pink salmon hematitic/potassic altered fine grained greywacke, 3-5%, 1-5	37688	251.70	252.80	1.10	<.03			15	1		
		mm sugary light grey quartz+-ankerite veining parallel to weak foliation/fracturing at 40-											
		50 deg, trace specularite along chloritic fractures, trace disseminated medium grained	37689	259.80	260.80	1.00	<.03			5	tr		
		pyrite, RQD 20%.	37690	260.80	261.80	1.00	<.03			5	tr		
		279.0-288.5											
		Light orange salmon pink and grey hematitic altered greywacke, increase in grey quartz	37691	267.20	268.20	1.00	<.03			5	tr		
		veining to 15-20% parallel to moderate foliation and chloritic fracturing at 20-30 deg,	37692	268.20	269.20	1.00	<.03			5	tr		
		trace to 1% disseminated medium grained pyrite.											
		288.5-292.0	37693	279.00	280.00	1.00	<.03			20	tr		
		Strongly chloritic fractured section with chloritic fractures at 10-30 deg, 5-10% quartz	37694	280.00	281.00	1.00	<.03			20	tr		
		veining, trace pyrite, RQD 0%.	37695	281.00	282.00	1.00	<.03			15	tr		
		292.0-303.6	37696	282.00	283.00	1.00	<.03			10	tr		
		Light pink salmon to grey hematitic altered greywacke with 15-25%, grey sugary quartz	37697	283.00	284.10	1.10	<.03			10	tr		
		veining parallel to foliation and chloritic+-specularite fracturing at 20-30 deg, trace to 1%	37698	284.10	285.10	1.00	<.03			15	0.5		
		disseminated pyrite, RQD 95%.	37699	285.10	286.30	1.20	<.03			15	0.5		

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		303.6-306.75	37700	286.30	287.50	1.20	<.03			10	tr			
		Salmon pink to bright orange red nonmagnetic ankeritic hematite albitized deformed	37701	287.50	288.70	1.20	0.41			10	tr			
		altered greywacke, deformation and drag-folding at 5-30 deg, <1% grey quartz veining,												
		trace pyrite.	37702	292.00	293.00	1.00	<.03			15	tr			
			37703	293.00	294.00	1.00	<.03			15	tr			
306.75	**338.70**	Deformation Zone Altered Conglomerate	37704	294.00	295.00	1.00	<.03			10	tr			
		Light grey to dark grey and orange red salmon, nonmagnetic chloritic hematitic weakly	37705	295.00	296.00	1.00	<.03			15	0.5			
		sericitic strongly deformed and drag-folded altered conglomerates and greywackes	37706	296.00	297.00	1.00	<.03			25	1			
		although original protolith is questionable due to deformation, 15-25%, 1-5 mm grey	37707	297.00	298.10	1.10	<.03			20	1			
		sugary boudinaged drag-folded quartz veining parallel to strong deformation at 60-30-20	37708	298.10	299.20	1.10	<.03			25	1			
		deg, strongly chloritic fractured at 20-60 deg, trace to locally 1% fine to medium grained	37709	299.20	300.20	1.00	<.03			20	1			
		pyrite along vein contacts and foliation planes, RQD 10-20%.	37710	300.20	301.40	1.20	<.03			10	tr			
			37711	301.40	302.60	1.20	<.03			10	tr			
338.70	**347.10**	Carbonated Ultramafics	37712	302.60	303.60	1.00	<.03			5	tr			
		Dark green to olive green white to pink deformed fractured carbonated ultramafics with												
		some narrow deformed altered conglomerate horizons, 25-30% white ankerite veining	37713	309.00	310.00	1.00	<.03			20	tr			
		parallel to moderate foliation at 40 deg and chloritic fractured at 30-80 deg, RQD 20%.	37714	310.00	311.00	1.00	<.03			15	tr			
347.10	**352.50**	Deformed Altered Conglomerate	37715	314.80	315.80	1.00	<.03			15	tr			
		Dark red and grey green weakly magnetic, hematitic chloritic altered conglomerate,	37716	315.80	316.80	1.00	<.03			25	1			
		moderately deformed at 40-60 deg.	37717	316.80	317.80	1.00	<.03			15	tr			
352.50	**354.40**	Carbonated Ultramafics	37718	320.00	321.00	1.00	<.03			10	tr			
		Dark green and white deformed carbonated ultramafic with 5%, 10-15 cm wide hematitic	37719	321.00	322.00	1.00	<.03			15	tr			
		conglomerate horizons parallel to moderate deformation at 40 deg.												
			37720	326.00	327.00	1.00	<.03			20	tr			
354.40	**358.60**	Deformed Altered Conglomerate	37721	327.00	328.00	1.00	<.03			25	1			
		Dark red magnetic hematitic altered conglomerates, strongly deformed at 20-40 deg	37722	328.00	329.00	1.00	<.03			20	1			
		with stretched syenite clasts.	37723	329.00	330.00	1.00	<.03			20	0.5			
		355.39-355.40												
		Brown mud fault at 40 deg.	37724	334.00	335.00	1.00	<.03			20	tr			
			37725	Au std # 6			2.67							
358.80	**362.70**	Carbonated Ultramafic	37726	Blank			<.03							
		Dark green and white deformed carbonated ultramafics with 35-45 0.1-1 cm white	37727	335.00	336.00	1.00	<.03			10	tr			
		fragmented drag-folded ankerite veining parallel to moderate deformation at 40-50 deg.	37728	336.00	337.00	1.00	<.03			20	tr			
			37729	337.00	338.10	1.10	<.03			15	tr			
362.70	**374.70**	Deformed Altered Conglomerate												
		Dark green and dark red deformed hematitic chloritic deformed altered conglomerate	37730	374.00	375.00	1.00	<.03			1	tr			
		with 0.2-1 cm wide stretched syenite clasts in a chloritic altered matrix, moderately	37731	375.00	376.00	1.00	<.03			1	tr			
		foliated at 45 deg, locally weakly magnetic, lower 70 cm intruded by magnetic medium	37732	376.00	377.00	1.00	<.03			2	0.5			
		grained red hematitic syenite dykes at 50-30 deg.	37733	377.00	378.00	1.00	<.03			3	1			
			37734	378.00	379.00	1.00	<.03			1	tr			
374.70	**378.00**	Syenite	37735	379.00	380.00	1.00	<.03			1				
		Red to brick red magnetic medium grained hematitic altered syenite, very weakly foliated	37736	380.00	381.00	1.00	<.03			1				
		at 20 deg, trace to 1% fine to medium grained pyrite along chlorite+-quartz+-kspar	37737	381.00	381.90	0.90	<.03							
		veining at 20 deg, 1-2 cm wide drag-folded syenite veins extend into wallrock	37738	381.90	383.00	1.10	<.03			2	tr			
		conglomerates, contacts at 30-20 deg.	37739	383.00	384.00	1.00	<.03			3	1			
			37740	384.00	385.00	1.00	<.03			2	tr			

DESCRIPTION : Hole No. PW10_7													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
378.00	382.30	Deformed Altered Chloritic Conglomerate	37741	385.00	386.00	1.00	<.03			3			
		Dark green and red magnetic chloritic altered conglomerate, moderately deformed and drag-folded at 20-30 deg, trace pyrite, contacts at 20 deg.	37742	386.00	387.00	1.00	<.03			2	0.5		
382.30	387.00	Syenite											
		Red to brick red magnetic medium grained hematitic altered syenite, <1%, 1-3 mm white grey ankerite-quartz veining parallel to very weak foliation at 20 deg, trace to 1% medium grained pyrite along chloritic fractures, contacts at 20 and 30 deg.											
387.00	412.10	Deformed Altered Chloritic Conglomerate											
		Dark green and dark red locally weakly magnetic chloritic altered matrix-supported polymictic conglomerate with 1-2 cm wide stretched syenite, syenite porphyry quartz and mafic clasts in a medium grained chloritic clastic matrix, weakly foliated at 20 deg to 395.9 and then at 50 deg, <<1% 1-3 mm ankerite veining.											
412.10	419.30	Fault Zone Conglomerate											
		Salmon red and green chloritic hematitic deformed conglomerate, chloritic fractured and faulted at 0-40 deg, RQD 5%.											
		415.0-415.2											
		Green black fault at 40 deg with black chloritic gouge.											
419.30	444.60	Deformed Altered Chloritic Conglomerate											
		419.3-435.3											
		Dark green nonmagnetic chloritic altered clast-supported conglomerate, strongly chloritic fractured at 0-80 deg, moderately foliated at 60-80 deg, 3-5%, 1-10 cm wide quartz + ankerite veining parallel to foliation, RQD 5%.											
		435.3-444.6											
		Green magnetic chloritic calcitic altered matrix-supported conglomerate with 10%, 1-2 cm red syenite white quartz and green basalt clasts in a fine to medium grained magnetic chloritic calcitic mafic clastic matrix, weakly foliated at 70 deg, moderately chloritic fractured at 50-70 deg, RQD 15%.											
		436.4-436.6											
		1 cm wide chloritic faults at 25 deg.											
		443.7-443.8											
		Chloritic fault at 40 deg.											
		444.25-444.60											
		Four 1-2 cm crushed chloritic faults at 50-30 deg.											
444.60	478.00	Conglomerate											
		444.6-470.65											
		Dark green and red magnetic calcitic chloritic matrix-supported conglomerate with 15%, 0.5-5 cm wide subrounded to stretched red syenite grey to white quartz, basalt clasts in a fine to medium grained calcitic mafic matrix, very weakly foliated at 70 deg to relatively massive, RQD 90%.											
		470.65-478.0											
		Pink and green strongly magnetic ankeritic carbonated clast-supported conglomerate with 0.5-1 cm corroded white pink carbonated felsic clasts, syenite clasts and quartz in a fine grained chloritic matrix, very weakly foliated at 70 deg, becoming deformed and drag folded towards gradational lower contact.											

DESCRIPTION : Hole No. PW10_7

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
478.00	**525.75**	Deformed Altered Conglomerate	37743	480.00	481.00	1.00	<.03			1	tr		
		478.0-514.75	37744	481.00	482.00	1.00	<.03			10	tr		
		Green grey beige pink and yellow beige weakly ankeritic deformed drag-folded chloritic	37745	482.00	483.00	1.00	<.03			15	tr		
		sericitic hematitic altered clast-supported conglomerate, 1-15% drag-folded grey quartz	37746	483.00	483.80	0.80	<.03			15	tr		
		veining parallel to moderate foliation at 70-90 deg to 70 deg over lower 5 m, locally trace	37747	Blank			<.03						
		medium grained disseminated pyrite.	37748	Au std # 6			2.61						
		493.4-494.2											
		Hematitic fault zone with 1 cm sericitic fault gouge at 20 deg.											
		514.75-525.75											
		Beige pink and green magnetic finely laminated and locally drag-folded ankeritic sericitic											
		chloritic hematitic altered matrix-supported conglomerate with syenite quartz and basalt											
		0.2-1 cm wide stretched drag-folded clasts parallel to moderate foliation at 70 deg, 1-2%											
		grey quartz parallel to foliation, trace pyrite.											
525.75	**533.80**	Altered Greywacke											
		Pink nonmagnetic hematitic/potassic altered fine grained greywacke chloritic fractured to											
		finely brecciated, massive to weakly foliated at 50 deg, 2-5% irregular ankerite-quartz											
		veining.											
533.80	**545.70**	Diabase											
		Black fine grained strongly magnetic diabase, 5%, 0.1-10 cm white quartz+-calcite+-											
		ankerite veining at 20 deg, trace chalcopyrite and pyrite along fractures, upper contact at											
		50 deg offset 6 cm at 05 deg, lower contact marked by 12 cm white quartz-ankerite vein											
		at 20 deg.											
545.70	**565.80**	Altered Greywacke											
		545.7-555.2											
		Pink light beige grey and green nonmagnetic weakly sericitic chloritic hematitic ankeritic											
		quartz-rich fine grained greywacke, weakly foliated at 70 deg, 2-10% 0.1-5 cm irregular											
		ankerite-quartz veining.											
		555.2-568.2	37749	559.50	560.60	1.10	<.03			2	tr		
		Light yellow beige and grey ankeritic quartz-rich fine grained weakly sericitic altered	37750	560.60	561.70	1.10	<.03			3	tr		
		greywacke, weakly sericitic chloritic fractured/foliated at 60 deg, 1% irregular ankerite	37751	561.70	562.80	1.10	<.03			3	tr		
		veining.											
		560.50-560.51											
		Sericitic fault gouge at 60 deg.											
565.80	**568.20**	Fault Zone											
		Yellow beige sericitic altered greywacke with ten 1-10 mm wide sericitic faults at 0-30											
		deg, RQD 5%.											
568.20	**625.80**	Altered Greywacke											
		568.2-582.1											
		Grey beige pink to pink ankeritic sericitic altered fine grained greywacke, weakly foliated											
		and sericitic fractured at 60 deg, 1%, 1-5 mm white irregular ankerite veining parallel to											
		foliation.											

DESCRIPTION : Hole No. PW10_7														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		582.1-606.4											
		Light beige salmon to yellow beige to grey white ankeritic sericitic altered quartz-rich											
		greywacke with 10-20%, 1-10 mm irregular fragmented white ankerite+-quartz veining at	37752	604.40	605.40	1.00	<.03			10			
		0-70 deg, very weak foliation at 30-70 deg, minor traces of pyrite.	37753	605.40	606.40	1.00	<.03			15			
		606.4-610.1	69102	606.40	607.00	0.60	<.03			2			
		Pink beige ankeritic fine grained massive weakly sericitic altered greywacke, 1-2%	69103	607.00	608.00	1.00	<.03			2			
		irregular fragmented ankerite veining.	69104	608.00	609.00	1.00	<.03			1			
		610.1-625.8	69105	609.00	610.00	1.00	<.03			2			
		Yellow beige brown carbonated ankeritic sericitic quartz pebbly coarse grained altered	69106	610.00	611.00	1.00	<.03			5	tr		
		greywacke, 10-15% creamy ankerite and 1-2% grey quartz veining as bulbous	69107	611.00	612.00	1.00	<.03			8			
		fragments, lenses and irregular wavy veins at 0-60 deg, minor traces of pyrite.	69108	612.00	613.00	1.00	<.03			10	tr		
			69109	613.00	614.00	1.00	<.03			5			
625.80	684.55	Altered Carbonated Conglomerate	69110	614.00	615.00	1.00	<.03			3			
		625.8-630.6	37754	615.00	616.00	1.00	<.03			15	tr		
		Red yellow pink brown beige ankeritic carbonated sericitic hematitic altered clast-	37755	616.00	617.00	1.00	<.03			20	tr		
		supported conglomerate with 1-4 cm subrounded syenite felsite feldspar porphyry quartz	37756	617.00	618.00	1.00	0.14			10	tr		
		jasper and fuschitic altered ultramafic clasts in a greywacke matrix, 5-15% white grey	37757	618.00	619.00	1.00	<.03			15	tr		
		irregular 1-10 mm subrounded ankerite-quartz veining fragments, weakly chloritic	37758	619.00	620.00	1.00	<.03			15	tr		
		fractured to brecciated with trace chalcopyrite pyrite and specularite.	37759	620.00	621.00	1.00	<.03			15	tr		
		630.6-634.0	37760	621.00	622.00	1.00	<.03			10	tr		
		Light beige white with emerald green flecks, weakly fuschitic sericitic altered medium	37761	622.00	623.00	1.00	<.03			10	tr		
		grained "felsic?" intrusive at 40 deg.	37762	623.00	624.00	1.00	<.03			10	tr		
		634.0-663.1	37763	624.00	625.00	1.00	<.03			10	tr		
		Yellow beige yellow brown and tan beige siliceous carbonated veined sericitic altered	37764	625.00	625.80	0.80	<.03			10	tr		
		mainly clast-supported conglomerate with rounded to subangular 0.2-5 cm felsite,	37765	625.80	627.00	1.20	<.03			10	tr		
		syenite feldspar porphyry quartz jasper siltstone and fuschitic altered ultramafic clasts in	37766	627.00	628.20	1.20	<.03			10	tr		
		a sericitic medium to coarse grained greywacke matrix, very weakly foliated at 50 deg,	37767	628.20	629.40	1.20	<.03			10	tr		
		locally chloritic fractured at 0-20 deg, 1-20%, 2-10 cm wide creamy white fragmented	37768	629.40	630.60	1.20	<.03			10	tr		
		ankerite+- grey quartz veining at 0-90 deg, minor traces of pyrite.	37769	630.60	631.80	1.20	<.03			2			
		638.3-640.1	37770	631.80	633.00	1.20	<.03			3			
		1-3 cm wide black chloritic breccia vein in and out along core axis with trace chalcopyrite											
		pyrite and specularite.	37771	638.30	639.20	0.90	<.03			2	tr		
		653.0-655.0	37772	639.20	640.10	0.90	<.03			2	tr		
		15%, 0.2-2 cm wide, ankerite veining at 10-50 deg and 5%, 0.2-1.5 cm wide, later grey											
		and dark grey brecciated quartz veining at 0-50 deg with 0.5% disseminated pyrite in	37773	653.00	654.00	1.00	<.03			20	tr		
		chloritic fracturing in quartz veining.	37774	654.00	655.00	1.00	<.03			20	tr		
		663.1-681.3											
		As at 634-663 m but matrix-supported conglomerate.	37775	664.00	665.00	1.00	<.03			15			
		681.3-684.55	37776	665.00	666.00	1.00	<.03			15			
		Dark green red and pink chloritic altered clast-supported conglomerate, finely chloritic	37777	666.00	667.00	1.00	<.03			10			
		fractured, weakly foliated at 50 deg, trace pyrite.											
684.55	702.50	Trachyte Tuff											
		684.55-687.2											
		Orange red albitized ankeritic hematitic altered trachyte tuff weakly foliated at 50 deg,	37778	681.30	682.40	1.10	<.03			5	tr		
		weakly chloritic fractured, trace chalcopyrite and pyrite along fractures at 50-65, trace	37779	682.40	683.50	1.10	<.03			1	tr		
		finely disseminated pyrite, 1%, 1-5 mm milky white quartz veining at 30-40 deg some	37780	683.50	684.50	1.00	<.03				tr		
		contain specularite, contacts at 50 deg.	37781	684.50	685.40	0.90	<.03				tr		

DESCRIPTION : Hole No. PW10_7

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		687.2-702.5	37782	685.40	686.30	0.90	0.27			1	tr		
		Purple grey red and orange red medium grained brittle hard trachyte tuff with 3% orange	37783	686.30	687.20	0.90	0.14			1	tr		
		red fracture controlled hematite alteration, , 1-2%, 0.1-10 cm wide milky white quartz	37784	687.20	688.20	1.00	<.03			3			
		veining at 30-40 deg occasionally with trace chalcopyrite pyrite or specularite, weakly											
		foliated at 50 deg, hematitic fractures at 20-40 deg, lower contact marked by quartz											
		breccia vein at 20 deg.											
702.50	712.30	Trachyte	37785	707.20	708.20	1.00	<.03			5	0.5		
		Dark purple grey fine grained hard magnetic trachyte flow, 2-3% 0.1-3 cm wide, milky											
		white quartz veins and breccia veins at 20-50 deg occasionally with chalcopyrite along											
		contacts, weakly hematitic fractured.											
		710.8-712.3											
		Dark grey and black with 40% 2-5 mm black chlorite + tourmaline? + silica bands/veins											
		at 20 deg.											
712.30	718.20	Greywacke											
		Beige tan strongly magnetic fine grained weakly sericitic ankeritic massive greywacke											
		with 5% finely disseminated magnetite, upper contact at 20 deg, lower contact at 50.											
718.20	723.50	Trachyte											
		Dark grey fine grained magnetic trachyte, weakly hematitic chloritic fractured at 20-50											
		deg, lower contact at 30 deg.											
723.50	730.55	Greywacke											
		Light beige tan strongly magnetic very weakly sericitic ankeritic altered massive											
		greywacke with <10%, 50 cm wide trachyte/trachyte tuff horizons with irregular contacts											
		at 50-5 deg, irregular lower contact at 90 deg.											
730.55	793.80	Trachyte Tuff											
		730.55-744.90											
		Dark grey magnetic ankeritic fine to medium grained trachyte tuff, very weakly foliated at											
		40-50 deg, chloritic fractured at 20-40 deg, RQD 50 %, sharp lower contact at 40.											
		744.90-793.8	37786	752.00	753.00	1.00	<.03			1	tr		
		Bright orange red to red and dark grey to black nonmagnetic fine to medium grained	37787	753.00	754.00	1.00	<.03			3	tr		
		trachyte tuff, massive to banded at 40 deg, chlorite and hematitic fractured at 20-40 deg,	37788	754.00	755.00	1.00	<.03			2	tr		
		15-25% orange red fracture controlled hematite alteration, 3-5% irregular ankerite	37789	755.00	756.00	1.00	<.03				tr		
		veining and 5-10%, 1-10 mm wide, milky white quartz stockwork veining at 20-90 deg	37790	756.00	757.00	1.00	<.03			10	tr		
		occasionally with trace chalcopyrite or specularite or pyrite, lower contact at 70 deg.	37791	Au std # 6			2.67						
		776.0-772.7	37792	Blank			<.03						
		Dark grey and black with 40% 2-5 mm black chlorite + tourmaline? + silica bands/veins											
		at 20-15 deg.	37793	764.00	765.00	1.00	<.03			10			
		778.1-778.9 and 779.7-783.5	37794	765.00	766.00	1.00	<.03			10			
		Brown red hematite altered trachyte tuff with 2-5% finely disseminated pyrite, weak	37795	766.00	767.00	1.00	<.03			10			
		lighter coloured banding at 20-40 deg, 3-5%, 1-10 mm irregular white grey ankerite-	37796	767.00	768.00	1.00	<.03			10			
		quartz stockwork veining, RQD 75%.	37797	768.00	769.00	1.00	<.03			10			
			37798	769.00	770.00	1.00	<.03			10			

DESCRIPTION : Hole No. PW10_7															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
793.80	809.00	Altered Greywacke	37799	770.00	771.00	1.00	<.03			10			
		Rusty brown tan strongly magnetic fine grained weakly sericitic hematitic altered	37800	771.00	772.00	1.00	<.03			10			
		greywacke but no quartz grains observed, 10% finely disseminated magnetite, massive	37801	772.00	772.70	0.70	<.03			10			
		to weakly bedded/foliated at 40 deg.	69111	772.70	773.40	0.70	<.03						
			69112	773.40	774.40	1.00	<.03			3	tr		
809.00	847.20	Trachyte Tuff to Lapilli Tuff	69113	774.40	775.40	1.00	<.03			1	tr		
		Grey to dark grey green magnetic strongly calcitic chloritic altered trachyte tuff to lapilli	69114	775.40	776.10	0.70	<.03			1			
		tuff with 1-5 mm red trachyte clasts and 0.2-1.5 cm dark green chloritic "trachyte" clasts	69115	776.10	777.10	1.00	0.34			2	2		
		in a fine grained chloritic tuffaceous matrix, weakly foliated at 40 deg, weakly chloritic	69116	777.10	778.10	1.00	<.03				tr		
		fractured at 5-30 deg, RQD 70%.	37802	778.10	778.90	0.80	**1.58**	**1.65**	**1.61**	2	1		
			37803	778.90	779.70	0.80	<.03			1	tr		
847.20	879.10	Altered Greywacke	37804	779.70	780.70	1.00	**1.99**	**1.92**	**1.95**	3	3		
		847.2-857.7	37805	780.70	781.70	1.00	**2.33**	**2.33**	**2.33**	1	5		
		Brown tan strongly magnetic, calcitic, weakly sericitic hematitic altered fine grained	37806	781.70	782.70	1.00	**2.81**	**2.88**	**2.85**	5	3		
		greywacke, 10% finely disseminated magnetite, weakly foliated/bedded at 40 deg.	37807	782.70	783.50	0.80	**2.13**	**2.13**	**2.13**	1	3		
		857.7-863.2	37808	783.50	784.50	1.00	<.03						
		Light salmon beige strongly magnetic ankeritic weakly sericitic potassic altered fine	69117	784.50	785.20	0.70	<.03						
		grained greywacke with 10%, 0.1-1.5 cm wide white irregular ankerite veining at 5-60	69118	785.20	786.20	1.00	<.03						
		deg, weakly bedded at 50-60 deg, gradational contacts.	69119	786.20	786.80	0.60	<.03						
		863.2-873.6	69120	786.80	787.30	0.50	<.03						
		Grey to pink grey to dark green strongly magnetic weakly chloritic altered fine grained	69121	787.30	788.30	1.00	<.03						
		greywacke, 5-10% finely disseminated magnetite, moderately bedded at 35 deg.	69122	788.30	789.30	1.00	<.03						
		873.6-879.1											
		Light brown tan magnetic sericitic and weakly hematitic altered fine grained greywacke											
		with 5-10% finely disseminated magnetite, weakly bedded at 20-35 deg, chloritic											
		fractured at 10-30 deg, RQD 50%.											
879.10	908.00	Greywacke											
		879.1-898.8											
		Grey to light beige grey fine grained strongly magnetic very weakly sericitic altered to											
		unaltered fine grained quartz-rich greywacke with 10% finely disseminated magnetite,											
		finely bedded at 20-30-50-60 deg, weakly fractured at 10-20 deg.											
		898.8-902.05											
		Dark grey to grey, strongly magnetic trachyte lapilli tuff with 10 cm greywacke horizon at											
		20- deg, irregular contacts, 1% irregular ankerite veining.											
		902.05-908.0											
		Badly broken up core, RQD 1%, dark grey to rusty brown hematitic altered magnetic fine											
		grained greywacke, lower contact at 30 deg.											
908.00	945.00	Trachyte Tuff											
		908.0-915.1											
		Grey fine grained magnetic fine grained trachyte ash tuff to tuffaceous greywacke, no											
		quartz grains, patchy fractured controlled hematite alteration, chloritic fractured at 5-20											
		deg, RQD 75%, lower contact broken.											
		915.1-945											
		Dark maroon grey to red magnetic ankeritic medium grained trachyte tuff to locally lapilli											
		tuff, fairly massive, <1%, 2-5 mm wide white ankerite veining at 30-40 deg.											

DESCRIPTION : Hole No. PW10 7															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)				
945.00	1001.20	Siltstones and Greywacke													
		945.0-952.7													
		Grey dark grey and light beige magnetic interbedded fine grained siltstones and greywacke, bedding at 40 deg, finer grained horizons are weakly sericitic.													
		952.7-956.0													
		Light beige strongly magnetic sericitic altered fairly massive fine grained altered greywacke with 10% disseminated magnetite, hematitic fractured at 5-40 deg, RQD 50%, contacts broken.													
		956.0-977.8													
		Light beige to light grey magnetic interbedded fine grained siltstones and greywacke, bedding at 30 deg, locally weakly drag-folded.													
		960-962.15													
		Dark grey to beige grey magnetic ankeritic medium grained trachyte tuff, weakly bedded at 40 deg, 1% irregular ankerite veining, contacts interbedded with siltstones.													
		977.8-982.6													
		Beige sericitic altered greywacke with 3% irregular ankerite veining.													
		982.6-987.4													
		Dark grey to beige grey magnetic ankeritic medium grained trachyte tuff, weakly bedded at 30 deg, 1% irregular ankerite veining, contacts interbedded with siltstones.													
		987.4-1001.2													
		Grey dark grey and light beige magnetic interbedded fine grained siltstones and greywacke, bedding at 40 deg, finer grained horizons are weakly sericitic.													
	1001.20	EOH													
		Casing left in hole.													

PROPERTY: Pawnee			HOLE NUMBER: PW10_8					
Province:	Ontario	**DATE LOGGED:** May 11 - May 16, 2010	**Grid E**	28+00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**	13+75		0	3	-65.0
Started:	28-Apr-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577600	REFLEX	21	4.6	-65.3
Completed:	16-May-10	**UNITS:** Metres	**UTM N:**	5332470		81	2.9	-64.5
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	360		141	0.8	-63.5
			Length:	990.3		201	1.0	-62.2
						261	0.9	-61.5
PURPOSE:	To test Bragg and No. 8 Zone at -500 m level					321	358.3	-60.2
						381	357.0	-59.7
COMMENTS:	Sample # 37809-38000 and 69001-69101 (293 samples) were assayed for Au g/t by Polymet Lab.					441	0.6	-59.4
	RQD > 90% unless noted					501	359.5	-57.8
						561	357.0	-57.2
						621	356.0	-55.6
						681	354.9	-54.8
						741	356.3	-54.4
						801	355.9	-53.7
						867	358.2	-53.4
						930	357.5	-50.7
						990	357.1	-50.2

SUMMARY LOG: PW10_8			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**6.70**	OVB						
6.70	**18.70**	Greywacke						
18.70	**31.20**	Conglomerate						
31.20	**34.70**	Quartz Carbonate Vein Zone						
34.70	**48.00**	Greywacke						
48.00	**56.90**	Conglomerate						
56.90	**89.50**	Greywacke						
89.50	**95.10**	Quartz Carbonate Vein Zone						
95.10	**136.80**	Conglomerate						
136.80	**142.20**	Syenite	140.5	142.2	1.7	3.1		
142.20	**146.25**	Conglomerate	incl.					
146.25	**151.60**	Syenite	140.5	141.6	1.1	4.3		
151.60	**169.20**	Conglomerate and Greywacke						
169.20	**186.70**	Conglomerate						
186.70	**197.40**	Greywacke and Conglomerate						
197.40	**235.00**	Altered Conglomerate						
235.00	**334.10**	Conglomerate						
334.10	**372.45**	Altered Conglomerate and Greywacke						
372.45	**420.40**	Trachyte Tuff to Trachyte Breccia						
420.40	**435.90**	Trachyte						
435.90	**492.00**	Deformation Zone Sericitic Conglomerates, Greywackes and Chloritic Greywackes						
492.00	**498.00**	Fault Zone Quartz Vein Zone						
498.00	**531.50**	Deformed Sericitic Greywacke and Mudstones						
531.50	**545.60**	Deformed Altered Sericitic Conglomerate and Greywacke						
545.60	**558.60**	Deformed Altered Mudstones Siltstones and Greywacke						

SUMMARY LOG: PW10_8			ASSAY SUMMARY					
558.60	571.30	Altered Sericitic Pyritic Conglomerate						
571.30	599.00	Altered Sericitic Pyritic Greywacke						
599.00	624.60	Chloritic Carbonated Altered Mafic Tuff to Ash Tuff						
624.60	731.40	Chloritic Ash Tuff						
731.40	735.70	Quartz Carbonate Vein Zone						
735.70	758.05	Altered Sericitic Pyritic Conglomerate						
758.05	766.80	Trachyte Tuff						
766.80	776.60	Hematitic Trachyte Lapilli Tuff						
776.60	807.50	Chloritic Ash Tuff						
807.50	825.40	Conglomerate						
825.40	874.55	Ash Tuff						
874.55	916.30	Conglomerate						
916.30	923.30	Altered Hematitic Conglomerate						
923.30	990.30	Conglomerate						
	990.30	EOH						

DESCRIPTION : Hole No. PW10_8

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	6.70	OVB											
		Casing to 7 m.											
6.70	18.70	Greywacke											
		Green grey massive to weakly bedded at 40 deg, fine grained chloritic greywacke with											
		scattered 0.5-1 cm dark green aphanitic stretched mafic clasts, 1% calcite gash veins.											
18.70	31.20	Conglomerate	37809	18.60	19.70	1.10	<.03			3	0.5		
		18.7-21.8	37810	19.70	20.80	1.10	<.03			5	1		
		Dark green grey weakly sheared chloritic sericitic clast-supported conglomerate with 0.2-	37811	20.80	21.90	1.10	<.03			1	tr		
		2 cm wide stretched syenite trachyte mafic volcanic and quartz clasts parallel to foliation	37812	21.90	23.00	1.10	<.03			3			
		at 40 deg, 1-2% grey calcite brecciated quartz+-ankerite veining, 0.5-1% fine grained	37813	23.00	24.00	1.00	<.03			1			
		pyrite along vein contacts and sericitic shear planes, upper contact marked by 2 mm	37814	24.00	25.00	1.00	<.03			5	0.5		
		fault gouge and 5 mm ankerite vein at 30 deg, lower contact marked by 3 mm chloritic	37815	25.00	26.10	1.10	<.03			3	tr		
		fault gouge at 20 deg.	37816	26.10	27.10	1.00	<.03			1	tr		
		21.8-31.2	37817	27.10	28.30	1.20	<.03			3	0.5		
		Dark green grey chloritic matrix-supported conglomerate with 15%, 0.2-2 cm dark green	37818	28.30	29.30	1.00	<.03			1	tr		
		mafic volcanic beige sediment and pink grey felsite clasts in a weakly chloritic fine	37819	29.30	30.20	0.90	0.21			2	tr		
		grained greywacke matrix, weakly foliated at 40 deg, 1%, 0.1-2.5 cm wide irregular light	37820	30.20	31.20	1.00	<.03			1	tr		
		grey finely brecciated quartz veins and vein fragments with trace to 0.5% fine grained	37821	31.20	32.20	1.00	<.03			60	1		
		pyrite along vein contacts and along foliation planes.	37822	32.20	32.80	0.60	<.03			3	0.5		
			37823	32.80	33.70	0.90	<.03			35	2		
31.20	34.70	Quartz Carbonate Vein Zone	37824	33.70	34.80	1.10	<.03			8	1		
		White cream dark green and yellow beige weakly sheared chloritic sericitic conglomerate	37825	Au std # 6			2.54						
		with 10%, 0.2-30 cm wide calcite fractured quartz+-ankerite veining and vein fragments	37826	Blank			<.03						
		at 30-20 deg, 1-2% fine grained pyrite disseminated along chloritic vein contacts and											
		along sericitic foliation planes at 20-30 deg, lower contact marked by sericitic weakly											
		sheared greywacke over 30 cm.											
34.70	48.00	Greywacke											
		Green massive weakly chloritic massive fine grained greywacke, 1-2% calcite gashes											
		and 1% white quartz veining at 20-30 deg.											
			37827	47.00	48.00	1.00	<.03			2			
48.00	56.90	Conglomerate	37828	48.00	49.10	1.10	<.03			10	2		
		Dark green grey weakly magnetic calcitic clast-supported conglomerate with syenite	37829	49.10	50.30	1.20	<.03			5	1		
		feldspar porphyry quartz jasper sediment and mafic volcanic 0.2-1.5 cm wide stretched	37830	50.30	51.30	1.00	<.03			1			
		clasts in a medium grained chloritic greywacke matrix, weakly foliated at 40-50 deg,											
		upper contact marked by 2 mm sericitic mud fault at 40 deg, lower contact by 2 mm mud											
		fault at 50 deg, upper 2.3 metre weakly sericitic with 1-2% disseminated pyrite and 5-											
		10% irregular quartz-ankerite veining, scattered 1-5 mm wide pyrite lenses.											
56.90	89.50	Greywacke											
		56.9-86.7											
		Dark grey to green grey fine to medium grained greywacke, relatively massive to weakly											
		bedded/foliated at 40-50 deg, 1-2%, 1-5 mm wide calcite gash veins and calcite+-quartz											
		veining at 5-40 deg, minor traces of pyrite.	37831	85.70	86.70	1.00	<.03			1			

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		86.7-89.5	37832	86.70	87.90	1.20	<.03			10	0.5			
		Dark green grey and yellow beige chloritic very weakly sericitic altered greywacke,	37833	87.90	88.70	0.80	<.03			1				
		weakly foliated at 40-50 deg defined by 0.5-1 mm wide sericitic planes, upper contact	37834	88.70	89.50	0.80	<.03			1				
		marked by 15 cm wide sericitic shear zone with muddy upper fault contact at 30 deg,	37835	89.50	90.20	0.70	<.03			20	1			
		minor traces of pyrite, 1-2%, 1-5 mm wide quartz-calcite veining parallel to foliation.	37836	90.20	91.20	1.00	<.03			3	1			
			37837	91.20	92.20	1.00	0.07			20	3			
89.50	**95.10**	Quartz Carbonate Vein Zone	37838	92.20	93.20	1.00	0.34			10	2			
		Grey to salmon pink to beige pink sericitic albitized ankerite-quartz-pyrite vein zone, 40-	37839	93.20	94.20	1.00	0.07			10	5			
		60%, 1-50 cm wide, hard albitized sericitic alteration bands at 30-40 deg intruded by	37840	94.20	95.20	1.00	0.48			15	5			
		10%, 1-1 cm wide, quartz-fractured ankerite irregular veining at 5-90 deg, ankerite and	37841	95.20	96.00	0.80	<.03			5	tr			
		albitization cut by 3-6%, 1-5 mm wide grey to dark grey irregular quartz-pyrite veining at	37842	96.00	97.00	1.00	<.03			15	0.5			
		20-40 deg, 1-3% pyrite stringers with quartz and finely disseminated in sericitic and albite	37843	97.00	98.00	1.00	<.03			10	tr			
		alteration, contacts marked by 50 cm wide at upper contact and 10 cm wide at lower												
		contact sericitic-ankerite+-quartz veined moderately foliated zones at 30 deg with trace												
		pyrite and 15% veining.												
95.10	**136.80**	Conglomerate												
		95.1-98.0												
		Grey to beige and white chloritic weakly sericitic altered conglomerate with 10-15%, grey												
		white quartz-ankerite calcite fractured, 1-5 cm wide, irregular veining at 40-50 deg, trace												
		pyrite along vein contacts.												
		98.0-136.8												
		Dark green grey mainly clast-supported conglomerate with rounded to stretched 0.5-10												
		cm feldspar porphyry white to black calcite fractured quartz, jasper mudstone greywacke												
		granite basalt clasts in a fine to medium grained greywacke matrix, 1-3 m wide sections												
		are matrix-supported conglomerate or massive greywacke, <1% calcite gash veining,												
		trace to 1% disseminated pyrite mainly in quartz clasts and matrix.												
			37844	135.80	136.80	1.00	<.03							
136.80	**142.20**	Syenite	37845	136.80	137.80	1.00	<.03			3	1			
		136.8-139.6	37846	137.80	138.70	0.90	<.03			3	1			
		Dark red strongly magnetic fine medium grained syenite, weakly chloritic fractured at 50	37847	138.70	139.60	0.90	0.07			2	1			
		deg, 1% disseminated pyrite and along chloritic fractures, broken upper contact.	37848	139.60	140.50	0.90	<.03			20	1			
		139.6-142.2	37849	140.50	141.60	1.10	**4.18**	**4.32**	**4.25**	20	5			
		Dark red to orange red magnetic albitized hematitic altered fine to medium grained	37850	141.60	142.20	0.60	**1.10**	**1.10**	**1.10**	3	3			
		syenite, 10-15%, 2-10 mm wide, white irregular ankerite veining and vein fragments at	37851	142.20	143.20	1.00	<.03			1	tr			
		30-80 deg, 5% later grey quartz-pyrite veining 2-1 cm wide at 20-50 deg, 1-3% medium	37852	143.20	144.20	1.00	<.03			1	tr			
		grained pyrite disseminated and along quartz vein contacts, sharp sericitic altered lower	37853	144.20	145.20	1.00	<.03				0.5			
		contact at 40 deg.	37854	145.20	146.20	1.00	0.07							
			37855	146.20	147.20	1.00	<.03			2	tr			
142.20	**146.25**	Conglomerate	37856	147.20	148.30	1.10	<.03			1				
		Green grey calcite chloritic polymictic clast-supported conglomerate, weakly foliated at	37857	148.30	149.40	1.10	0.07			1				
		50-60 deg, sharp lower contact at 50 deg, trace t0 1% disseminated pyrite.	37858	149.40	150.50	1.10	<.03			2	tr			
			37859	150.50	151.60	1.10	<.03			2	tr			
146.25	**151.60**	Syenite												
		Maroon red magnetic hematitic altered massive fine grained syenite, sharp upper												
		contact at 50 deg, sharp lower contact at 20 deg.												

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
151.60	169.20	Conglomerate and Greywacke											
		Green grey calcitic weakly chloritic altered matrix to clast-supported conglomerate and fine to medium grained massive weakly chloritic calcitic greywacke, weakly bedded at 40 deg.											
169.20	186.70	Conglomerate											
		Dark green to grey nonmagnetic polymictic clast-supported conglomerate with rounded feldspar porphyry clasts up to 10 cm being the predominant clast type versus quartz in the conglomerate at 98 m, 1-3 m wide sections of matrix-supported conglomerate or massive greywacke horizons, calcitic to 174 m weakly foliated at 50 deg.											
		187.95-188.05 and 189.2-189.7											
		Brown pink beige sericitic altered zones with 1-2 mm sericitic mud faults at 30 deg, 10% gray white irregular 1-5 mm quartz-ankerite veining and 3% disseminated fine to medium grained pyrite in medium to coarse grained altered greywacke.											
		190.9-191.1											
		Chloritic crushed fault zone at 10 deg.											
		192.0-192.4											
		Broken core fault zone at 30 deg.											
			37860	187.00	187.90	0.90	<.03			2	tr		
186.70	197.40	Greywacke and Conglomerate	37861	187.90	189.10	1.20	<.03			8	tr		
		Green grey to grey medium to coarse grained massive greywacke with 20-50 cm wide clast-supported conglomerate horizons at 30 deg, 1%, 1-5 mm white ankerite+-quartz+-calcite veining at 20-40 deg.	37862	189.10	189.70	0.60	<.03			10	2		
			37863	189.70	190.70	1.00	<.03			2			
197.40	235.00	Altered Conglomerate	37864	199.20	200.10	0.90	<.03			5	tr		
		Green grey to red pink and orange red magnetic to nonmagnetic weakly ankeritic matrix to clast supported conglomerate with predominant fine grained orange red 1-3 cm altered ankerite-brecciated pyritic clasts, weakly foliated at 50 deg, chloritic hematitic-specularite fractured at 30-40 deg, 3-15%, 0.1-2.5 cm ankerite veining at 40-50 deg and vein stockwork, hematitic weakly albitized sections with increase in ankerite veining and trace pyrite in matrix as noted below.	37865	200.10	201.20	1.10	<.03			1			
			37866	201.20	202.40	1.20	<.03			1			
			37867	202.40	203.60	1.20	<.03			10	tr		
			37868	203.60	204.80	1.20	<.03			15	tr		
			37869	204.80	205.90	1.10	<.03			5	tr		
			37870	205.90	207.00	1.10	<.03			3	tr		
		199.2-218.5, 226.6-227.5 and 231.3-235.0	37871	207.00	207.70	0.70	<.03			5	tr		
		Red to orange red and beige green grey hematitic weakly sericitic albitized altered zones with trace pyrite, 1% grey quartz veining at 50-30 deg with trace specularite and pyrite, 10-15% ankerite veining.	37872	207.70	208.60	0.90	<.03			3	tr		
			37873	208.60	209.50	0.90	<.03			2	tr		
			37874	209.50	210.50	1.00	<.03			2			
			37875	210.50	211.60	1.10	<.03			3	tr		
235.00	334.10	Conglomerate	37876	211.60	212.60	1.00	<.03			5	tr		
		235.0-272.0	37877	212.60	213.50	0.90	<.03			5	tr		
		Grey reddish grey to green grey magnetic to weakly magnetic calcitic weakly hematitic altered matrix-clast supported polymictic conglomerate with increase in sedimentary and mafic volcanic clasts, syenite porphyry and syenite clasts up to 10 cm very weakly foliated at 50 deg marked by stretched clasts, weakly chloritic fractured at 30-40 deg.	37878	213.50	214.50	1.00	<.03			10	tr		
			37879	214.50	215.50	1.00	<.03			3	tr		
			37880	215.50	216.50	1.00	<.03			10	tr		
			37881	216.50	217.50	1.00	<.03			3	tr		
		252.7-256.7	37882	217.50	218.50	1.00	<.03			3			
		Reddish brown green grey weakly magnetic weakly hematitic altered coarse grained greywacke centered around a 20 cm wide bright orange red quartz-ankerite pyritic altered zone at 50 deg from 253.8-255.0 m, 2% irregular pink white calcite veining, moderately calcitic fractured to brecciate at 0-30 deg, RQD 80%.	37883	Au std # 6			2.67						
			37884	Blank									
			37885	226.50	227.50	1.00	<.03			8	tr		

DESCRIPTION : Hole No. PW10_8													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		272.0-321.0	37886	227.50	228.70	1.20	<.03			1			
		Green grey undeformed magnetic calcitic matrix-supported polymictic conglomerate with	37887	228.70	229.90	1.20	<.03			1			
		well rounded clasts in a medium to coarse grained greywacke matrix, generally massive	37888	229.90	231.20	1.30	<.03			2			
		but locally bedded at 30-40 deg, <1%, 1-5 mm calcite veining at 20-30 deg.	37889	231.20	232.40	1.20	<.03			5	tr		
		321.0-334.1	37890	232.40	233.70	1.30	<.03			5	tr		
		Transition zone matrix is not calcitic, 1% 1-5 mm calcite+-quartz veining at 40-50 deg,	37891	233.70	235.00	1.30	<.03			3	tr		
		very weakly foliated at 50 deg, 1-5 cm beige sericitic chloritic zones at 40-50 deg with											
		5% irregular ankerite veining at 1% disseminated medium grained pyrite.	37892	252.70	253.80	1.10	<.03			2			
			37893	253.80	254.70	0.90	<.03			3			
334.10	372.45	Altered Conglomerate and Greywacke	37894	254.70	255.20	0.50	<.03			8	1		
		334.1-350.3	37895	255.20	255.90	0.70	<.03			5	0.5		
		Grey to beige grey nonmagnetic weakly sericitic ankeritic altered polymictic clast-	37896	255.90	256.70	0.80	<.03			2			
		supported conglomerate with stretched mudstone and volcanic clasts at 50-60 deg and											
		subrounded syenite and quartz clasts, 1-10 mm brecciated jasper clasts, <2%, 1-10 cm	37897	325.40	325.90	0.50	<.03			2	0.5		
		wide more sericitic chlorite fracture controlled zones at 50-60 deg with trace to 1% pyrite	37898	325.90	326.90	1.00	<.03			2			
		and 5% irregular ankerite+-quartz veining.	37899	326.90	327.50	0.60	<.03			2			
		350.3-355.2	37900	327.50	328.50	1.00	<.03			8	1		
		Grey green nonmagnetic weakly ankeritic chloritic altered matrix supported											
		conglomerate with dark green chloritic matrix, upper con tact at 70 deg, lower contact at	37901	334.10	335.20	1.10	<.03			3	0.5		
		40, weakly foliated at 30-40 deg, 1% finely disseminated fine to medium grained pyrite,	37902	335.20	336.20	1.00	<.03			2	tr		
		2%, 1-5 mm braided irregular ankerite+-quartz veins and lenses.											
		355.2-369.75	37903	349.30	350.30	1.00	<.03			5	tr		
		Grey green to beige green nonmagnetic weakly ankeritic chloritic altered polymictic clast	37904	350.30	351.30	1.00	<.03			10	2		
		and matrix-supported conglomerate with 2-3% dark green to black chloritic altered	37905	351.30	352.30	1.00	<.03			8	1		
		medium grained altered greywacke matrix, trace to locally 1% disseminated pyrite over 5	37906	352.30	353.30	1.00	<.03			3	1		
		20 cm widths, very weakly foliated at 70-90 deg, 1-2%, 1-5 mm creamy white and grey	37907	353.30	354.30	1.00	<.03			1	0.5		
		ankerite+-quartz veining at 30-90 deg.	37908	354.30	355.20	0.90	<.03			1	0.5		
		369.75-372.45	37909	355.20	356.20	1.00	<.03				tr		
		Light beige green to light emerald green ankeritic weakly sericitic fuschitic altered											
		medium to coarse grained carbonated greywacke, gradational upper contact over 90 cm	37910	368.00	368.80	0.80	<.03			5	tr		
		and irregular lower contact, 5-10% irregular ankerite+- 2% quartz vein stockwork, trace	37911	368.80	369.70	0.90	<.03			1	tr		
		fine to medium grained disseminated pyrite.	37912	369.70	370.80	1.10	<.03			2	tr		
			37913	370.80	371.60	0.80	<.03			5	tr		
372.45	420.40	Trachyte Tuff to Trachyte Breccia	37914	371.60	372.40	0.80	<.03			10	tr		
		372.45-373.8	37915	372.40	373.10	0.70	<.03			1	1		
		Pink with yellow beige lacey sericitic matrix finely brecciated altered carbonated trachyte	37916	373.10	373.80	0.70	<.03			10	2		
		tuff or altered potassic albitized hematitic altered medium grained greywacke, 1% black	37917	373.80	374.80	1.00	<.03			1	2		
		chlorite-hematite filled fractures, 1%, 1-3 mm grey finely brecciated quartz-ankerite	37918	374.80	375.70	0.90	<.03			1	0.5		
		veining, 1-2% fine to medium grained pyrite along vein contacts, irregular stringers and	37919	375.70	376.90	1.20	<.03			1	1		
		in sericitic fractures, trace chalcopyrite, sharp lower contact at 70 deg.	37920	376.90	377.90	1.00	<.03			3	3		
		373.8-382.9	37921	377.90	378.90	1.00	<.03			3	5		
		Yellow beige orange pink to pink grey ankeritic finely sericitic brecciated albitized	37922	378.90	379.90	1.00	<.03			2	3		
		hematitic sericitic altered trachyte tuff or brecciated trachyte, nonmagnetic to weakly	37923	379.90	381.00	1.10	<.03			3	5		
		magnetic over 10-20 cm, 1-2% 1-5 mm irregular brecciated ankerite+-quartz veining at	37924	381.00	381.90	0.90	<.03			5	0.5		
		10-80 deg, 1-3% fine to medium grained pyrite disseminated irregular stringers and	37925	Blank			<.03						
		along vein contacts, gradational lower contact with decrease in sericitic brecciation.	37926	Au std # 6			2.54						

DESCRIPTION : Hole No. PW10_8													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		382.9-403.1	37927	381.90	383.00	1.10	<.03			3	tr		
		Grey and dark red magnetic ankeritic hematitic altered trachyte tuff with 1-3 mm dark red											
		trachyte clasts in a fine grained grey ankeritic magnetic tuffaceous matrix, 1-2%, 1-5 mm	37928	386.00	387.10	1.10	<.03			2			
		wide white ankerite veining at 40-70 deg.	37929	387.10	387.70	0.60	<.03			10	5		
		387.4-387.6	37930	387.70	388.80	1.10	<.03			5			
		Greenish grey silicified breccia zone at 50 deg with 5% finely disseminated pyrite, 10%											
		grey quartz and 2% chlorite breccia matrix.	37931	403.10	404.30	1.20	<.03			2			
		403.1-420.4	37932	404.30	405.20	0.90	<.03			2			
		Bright orange red to grey red magnetic hematitic albitized ankeritic trachyte tuff, chloritic											
		fractured at 10-60 deg, 1-2% irregular 1-10 mm ankerite veining, gradational contacts.											
420.40	**435.90**	Trachyte	37933	430.60	431.70	1.10	<.03			3			
		420.4-425.4	37934	431.70	432.70	1.00	<.03			5			
		Grey dark red magnetic ankeritic more massive trachyte flow or intrusive with 10%, 1-2	37935	432.70	433.90	1.20	<.03			3			
		mm greenish grey disseminated leucoxene laths and shards, 1%, 1-3 mm grey quartz-	37936	433.90	434.80	0.90	<.03			2			
		ankerite veining.	37937	434.80	436.00	1.20	<.03			15			
		425.4-430.6	37938	436.00	436.80	0.80	<.03			3			
		Orange pink to beige pink nonmagnetic ankeritic hematitic to weakly sericitic altered	37939	436.80	437.60	0.80	<.03			1			
		trachyte flow with altered leucoxene as above, 2-5%, 1-10 mm irregular ankerite+-quartz	37940	437.60	438.40	0.80	<.03			2			
		veining at 30-40 deg, gradational contacts.	37941	438.40	439.40	1.00	<.03			15	tr		
		430.6-435.9	37942	439.40	440.40	1.00	<.03			20	tr		
		Light tan beige to pink beige, nonmagnetic sericitic altered trachyte with altered	37943	440.40	441.10	0.70	<.03			15			
		leucoxene, very weakly foliated at 30-40 deg, 5%, 1-5 mm creamy white ankerite veining	37944	441.10	441.90	0.80	<.03			15			
		parallel to foliation, trace emerald green fuchsite altered slips, sharp lower contact at 30	37945	441.90	442.60	0.70	<.03			5			
		deg, rare traces of pyrite.	37946	442.60	443.60	1.00	<.03			10			
			37947	443.60	444.40	0.80	<.03			15			
435.90	**492.00**	Deformation Zone Sericitic Conglomerates, Greywackes and Chloritic Greywackes	37948	444.40	445.40	1.00	<.03			10			
		435.9-438.4	37949	445.40	446.40	1.00	<.03			5			
		Beige pink and red ankeritic sericitic potassic hematitic strongly deformed interbedded											
		trachyte and medium grained greywacke, 10% fragmented ankerite veining parallel to											
		strong foliation at 50 deg, gradational lower contact.											
		438.4-442.6											
		Greenish emerald beige, creamy white and tan beige ankeritic carbonated strongly											
		deformed altered polymictic clast to matrix supported conglomerate with grey quartz											
		jasper and altered felsite stretched clasts in a medium grained sericitic altered											
		greywacke matrix, up to 1% dark green chlorite altered grains in matrix, 15-20%, 0.2-1.5											
		cm wide boudinaged fragmented ankerite and ankerite quartz veining parallel to strong											
		foliation at 50 deg, trace to 1% pyrite in more quartz rich veins, gradational lower contact.											
		442.6-450.0											
		Dark green and creamy white magnetic chloritic altered fine grained greywacke with											
		scattered quartz and felsite clasts, 10-15%, 0.2-1.5 cm ankerite veining parallel to strong											
		foliation at 50 deg.											
		450.0-464.5											
		Dark green to black strongly magnetic strongly calcitic and chloritic altered fine to											
		medium grained greywacke or mafic tuff, few scattered rounded quartz pebble up to 1											
		cm, moderately foliated at 45 deg, 5-10% calcite gash veining.											

DESCRIPTION : Hole No. PW10_8													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		464.5-473.3											
		Dark grey to grey to beige grey magnetic ankeritic weakly chloritic altered fine to medium											
		grained greywacke with 5-15%, 0.1-2 cm wide white grey ankerite+-quartz veining with											
		sericitic altered wallrocks and parallel to moderate foliation at 40 deg and 2-3% 1-5 mm											
		later drag-folded ankerite veining at 0-30 deg.											
		473.3-480.4	37950	476.70	477.70	1.00	<.03			1			
		Light yellow beige to pink beige and red grey magnetic ankeritic weakly sericitic and	37951	477.70	478.70	1.00	<.03			1			
		hematitic altered fine to medium grained greywacke with 5-10% finely disseminated	37952	478.70	479.60	0.90	<.03			1			
		magnetite, moderately to finely foliated/banded at 40-45 deg, 1-5%, 1-5 mm irregular	37953	479.60	480.40	0.80	<.03						
		ankerite+-quartz veining parallel to foliation, trace chalcopyrite smeared along chloritic	37954	480.40	480.90	0.50	<.03			50			
		fracture at 5 deg in hematitic greywacke 477.7-478.6 m, grades to mudstone over lower	37955	480.90	481.80	0.90	<.03			5			
		2 metres.	37956	481.80	488.60	6.80	<.03			20	tr		
		480.4-487.5	37957	488.60	489.60	1.00	<.03			15	tr		
		Straw yellow weakly ankeritic strongly sericitic altered mudstones, 10-15%, 0.1-1.5 grey											
		white ankerite-quartz veining with black chloritic brecciated contacts parallel to strong											
		foliation at 50-55 deg, upper contact marked by irregular white grey quartz-ankerite vein											
		at 5-20 deg, trace hematite and chalcopyrite in vein, trace pyrite along chloritic contacts											
		of ankerite veining.											
		487.5-492.0											
		Yellow beige olive yellow and grey ankeritic sericitic mudstones interbedded with 5-20											
		cm wide sericitic fine grained greywacke, 15-20 %, 0.1-3 cm wide ankerite-quartz-											
		chlorite veining parallel to strong foliation at 50 deg.											
492.00	**498.00**	Fault Zone Quartz Vein Zone	37958	492.00	493.00	1.00	<.03			5			
		Fault zone with 5-10 cm wide light grey sericitic crushed sericitic fault breccia zone at 50-	37959	493.00	494.10	1.10	<.03			25			
		20 deg in sericitic altered foliated mudstones, 10-15%, 5-20 cm wide white irregular	37960	494.10	495.00	0.90	<.03			30			
		brecciated to drag-folded quartz+-ankerite+-chlorite veining parallel to strong foliation at	37961	495.00	496.00	1.00	<.03			25			
		35-50 deg, trace pyrite.	37962	496.00	497.00	1.00	<.03			20			
			37963	497.00	498.00	1.00	<.03			20			
498.00	**531.50**	Deformed Sericitic Greywacke and Mudstones											
		498.0-504.8											
		Yellow ankeritic strongly sericitic altered fine grained greywacke with 1-5 cm wide											
		sericitic interbedded mudstone horizons and 5%, 0.1-1.5 grey white quartz-ankerite-											
		chlorite veining parallel to weak to moderate foliation at 35-50 deg.											
		504.8-513.6											
		Beige grey to olive yellow strongly deformed weakly ankeritic sericitic altered											
		interbedded fine grained greywacke, siltstone and mudstones, 3%, 1-1.5 cm grey quartz-											
		ankerite-chlorite brecciated drag-folded veins parallel to strong foliation at 45 deg,											
		siltstone horizons are more massive.											
		506.8-506.9											
		Grey mud fault gouge zone at 50 deg.											
		510.0-511.1	37964	510.00	511.10	1.10	<.03			2	tr		
		Grey very fine grained massive siltstone horizon with irregular contacts, trace fine											
		grained disseminated pyrite and medium grained pyrite along 1%, 1-10 m ankerite-											
		quartz veining at 30 deg.											

DESCRIPTION : Hole No. PW10 8													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		513.6-521.3	37965	513.60	514.80	1.20	<.03			15	tr		
		Straw yellow and grey ankeritic strongly deformed and sericitic altered fine grained	37966	514.80	516.00	1.20	<.03			10	tr		
		greywacke with trace fuschitic altered foliation planes, 15%, 1-10 cm wide grey sugary	37967	516.00	517.00	1.00	<.03			15	tr		
		quartz-carbonate veining parallel to strong foliation at 50-60 deg, 3%, 2-20 cm white	37968	517.00	518.00	1.00	<.03			10	tr		
		irregular quartz+-ankerite veining over lower 2 m, trace pyrite in veining and along	37969	518.00	519.10	1.10	<.03			15	tr		
		foliation planes, gradational lower contact.	37970	519.10	520.20	1.10	<.03			25	tr		
		521.3-531.5	37971	520.20	521.30	1.10	<.03			15	tr		
		Olive yellow and grey strongly deformed and drag-folded sericitic ankeritic altered											
		interbedded fine grained greywacke siltstones and mudstones, 5-10% white and grey											
		quartz+-ankerite veining parallel to foliation at 40-50 deg, trace pyrite, gradational lower											
		contact.											
		530.20-530.22											
		Grey crushed mud gouge fault at 45 deg.											
531.50	545.60	Deformed Altered Sericitic Conglomerate and Greywacke											
		Straw yellow light grey to grey ankeritic deformed altered pebbly coarse grained											
		greywacke to conglomerate, strongly foliated at 40-50 deg.											
		538.0-541.0	37972	538.00	539.00	1.00	<.03				tr		
		Emerald green fuschitic foliation planes and clasts to 5 mm wide.	37973	539.00	540.00	1.00	<.03			2	0.5		
		541.0-543.0	37974	540.00	541.00	1.00	<.03			2	0.5		
		80% 5-40 cm wide grey relatively unaltered massive greywacke horizons with 0.5%	37975	541.00	542.00	1.00	<.03			5	1		
		disseminated pyrite.	37976	542.00	543.00	1.00	<.03			3	1		
			37977	Au std # 6			2.67						
545.60	558.60	Deformed Altered Mudstones Siltstones and Greywacke	37978	Blank			<.03						
		Grey to olive green yellow strongly deformed interbedded mudstones and siltstones and	37979	543.00	544.30	1.30	<.03			5	tr		
		<5%, 5-10 cm wide sericitic fine grained greywacke, strongly foliated/bedded at 30-60	37980	544.30	545.60	1.30	<.03			15	tr		
		deg, 5-20%, 1-20 cm irregular white quartz-ankerite veining with chloritic brecciated	37981	545.60	546.30	0.70	<.03			10	tr		
		contacts, trace pyrite along vein contacts and foliation planes.	37982	546.30	547.50	1.20	<.03			5	tr		
			37983	547.50	548.70	1.20	<.03			20	tr		
558.60	571.30	Altered Sericitic Pyritic Conglomerate											
		558.6-560.25	37984	555.90	556.80	0.90	<.03			45	tr		
		Straw yellow grey white weakly ankeritic strongly sericitic altered deformed fine grained	37985	556.80	557.90	1.10	<.03			15	tr		
		greywacke with 15%, 1-10 cm white irregular quartz+-ankerite veining, 0.5% fine to	37986	557.90	558.60	0.70	<.03			35	tr		
		medium grained disseminated pyrite, sharp lower contact at 50 deg.	37987	558.60	559.40	0.80	<.03			15	0.5		
		560.25-571.3	37988	559.40	560.20	0.80	<.03			15	0.5		
		Light beige yellow to light yellow white grey weakly ankeritic moderately sericitic altered	37989	560.20	561.20	1.00	<.03			2	0.5		
		polymictic clast-supported conglomerate with altered felsite siltstone basalt and some	37990	561.20	562.30	1.10	<.03			3	3		
		quartz clasts in fine to medium grained sericitic greywacke matrix, 3-10%, 0.2-1 cm wide	37991	562.30	563.30	1.00	<.03			5	3		
		light grey finely brecciated quartz lenses with 15 very fine grained disseminated pyrite	37992	563.30	564.30	1.00	<.03			3	2		
		parallel to moderate foliation at 50-60 deg, 1-10% fine to medium grained disseminated	37993	564.30	565.30	1.00	0.48			2	5		
		and 1-3 mm wide stringers, gradational lower contact.	37994	565.30	566.30	1.00	<.03			5	10		
			37995	566.30	567.30	1.00	<.03			3	10		
571.30	599.00	Altered Sericitic Pyritic Greywacke	37996	567.30	568.30	1.00	<.03			3	5		
		571.3-589.4	37997	568.30	569.30	1.00	<.03			5	5		
		Light yellow beige ankeritic moderately sericitic altered medium to coarse grained	37998	569.30	570.30	1.00	<.03			2	5		
		greywacke, weakly foliated at 60 deg, 1-5%, 1-5 mm wide pyritic ankerite quartz veining	37999	570.30	571.30	1.00	0.27			5	10		
		at 50-60 deg, 5-15%, fine to medium grained pyrite disseminated and along vein	38000	571.30	572.00	0.70	0.48			1	10		
		contacts and foliation planes.	69001	572.00	573.00	1.00	<.03			3	15		

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		589.4-599.0	69002	573.00	574.00	1.00	<.03			2	10		
		Transition contact zone, yellow beige white grey ankeritic alternating 1-2 m wide yellow	69003	574.00	575.00	1.00	<.03			5	10		
		beige white nonmagnetic pyritic carbonated altered coarse grained greywacke with 1-	69004	575.00	576.00	1.00	<.03			3	15		
		10% disseminated pyrite and grey to dark green grey weakly magnetic ankeritic, white	69005	576.00	577.00	1.00	<.03			3	10		
		mottled carbonated chloritic medium grained altered mafic tuff to ash tuff with 1-2%	69006	577.00	578.00	1.00	<.03			5	10		
		disseminated pyrite, 2-10%, 1-10 mm wide cream white ankerite veins fragments and	69007	578.00	579.00	1.00	<.03			2	10		
		lenses parallel to weak foliation at 50-60 deg, sharp upper contact at 50 deg, gradational	69008	579.00	580.00	1.00	<.03			1	3		
		lower contact.	69009	580.00	581.00	1.00	<.03			1	3		
			69010	581.00	582.00	1.00	<.03			5	5		
599.00	624.60	Chloritic Carbonated Altered Mafic Tuff to Ash Tuff	69011	582.00	583.00	1.00	<.03			8	3		
		Dark green grey weakly to strongly magnetic chloritic white mottled carbonated fine to	69012	583.00	584.00	1.00	<.03			1	2		
		medium grained mafic tuff to ash tuff with trace to locally 1% disseminated pyrite, 3-5%	69013	584.00	585.10	1.10	<.03			2	2		
		finely disseminated magnetite, 1-3%, 1-10 mm wide grey white quartz + ankerite veining	69014	585.10	586.20	1.10	<.03			3	10		
		parallel to a very weak foliation at 60 deg.	69015	586.20	587.20	1.00	<.03			1	5		
		610.9-611.9	69016	587.20	588.30	1.10	<.03			2	1		
		Creamy white and green grey weakly sericitic altered section with 10% irregular ankerite	69017	588.30	589.40	1.10	<.03			3	1		
		veining and 10% disseminated pyrite, nonmagnetic.	69018	589.40	590.30	0.90	<.03			5	0.5		
			69019	590.30	591.10	0.80	<.03			3	0.5		
624.60	731.40	Chloritic Ash Tuff	69020	591.10	592.10	1.00	<.03			5	2		
		624.6-639.0	69021	592.10	593.20	1.10	0.14			5	5		
		Dark green calcitic white mottled carbonated chloritic altered medium grained chloritic	69022	593.20	594.10	0.90	<.03			3	0.5		
		ash tuff, weakly foliated at 60 deg to massive, changing to grey red and weakly hematitic	69023	594.10	595.00	0.90	<.03			2	0.5		
		towards lower contact, upper contact weakly sheared over 5 cm at 40-60 deg.	69024	595.00	596.00	1.00	<.03			1	1		
		639.0-647.0	69025	Au std # 6			2.61						
		Dark green to maroon red magnetic calcitic weakly hematitic medium grained ash tuff,	69026	Blank			<.03						
		calcitic white mottled, <1% calcite gash veining.	69027	596.00	597.00	1.00	<.03			1	0.5		
		647.0-662.7	69028	597.00	598.00	1.00	<.03			1	tr		
		Dark green to white mottled magnetic ankeritic weakly chloritic hematitic carbonated	69029	598.00	599.00	1.00	<.03			10	tr		
		medium grained ash tuff to mafic tuff, weakly foliated at 70 deg, 2-3% 0.2-5 cm wide											
		white ankerite + quartz veining at 50-80 deg, trace pyrite along chloritic vein contacts,	69030	610.00	610.90	0.90	<.03			3			
		locally weakly bleached and stronger carbonate alteration.	69031	610.90	611.90	1.00	<.03			10	10		
		662.7-673.0	69032	611.90	612.90	1.00	<.03			1			
		Dark green to black green and maroon red, strongly magnetic calcitic chloritic white											
		mottled carbonated ash tuff to mafic tuff, massive to weakly foliated at 60-70 deg.	69033	668.60	669.50	0.90	<.03			3	1		
		668.6-671.2	69034	669.50	670.40	0.90	<.03			5	1		
		Strongly calcitic and magnetic, weakly foliated at 60 deg, 1-2% finely disseminated fine	69035	670.40	671.20	0.80	<.03			5	2		
		grained pyrite, hematitic over lower 80 cm, gradational contacts.											
		673.0-731.4											
		Dark black green strongly magnetic, calcitic fine grained massive ash tuff with 10-15%											
		finely disseminated magnetite, 10% white calcitic matrix, 2%, 1-10 cm wide irregular											
		white coarse grained calcite+-quartz veining at 15-90 deg.											
		704.83											
		Trace chalcopyrite along fracture at 90 deg.											
		704.0-731.4											
		Weakly hematitic and chloritic weakly foliated at 45 deg.											
		716.75-718.25											
		Green to red strongly magnetic fine grained massive hematitic mafic dyke with 10%, 5-											
		15 cm irregular quartz-calcite-chlorite veining, poorly defined irregular upper contact,											
		sharp lower contact at 40 deg.											

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
731.40	735.70	Quartz Carbonate Vein Zone	69036	730.40	731.40	1.00	<.03			1				
		731.4-732.4	69037	731.40	732.40	1.00	<.03			2	10			
		Dark green to red pink strongly magnetic chloritic hematitic potassic silicified finely	69038	732.40	733.50	1.10	<.03			40	tr			
		brecciated to fractured altered trachyte with 10% finely disseminated pyrite, 2%, 1-3 cm	69039	733.50	734.30	0.80	<.03			75	15			
		white irregular fragmented quartz-ankerite veins and fragments, RQD 0%.	69040	Blank			<.03							
		732.4-733.5	69041	Au std # 6			2.61							
		Dark green black nonmagnetic to strongly magnetic chloritic brecciated fractured altered	69042	734.30	735.00	0.70	<.03			3	2			
		trachyte with 40%, 0.1-15 cm wide, brecciated grey white pink quartz-ankerite-albite	69043	735.00	735.70	0.70	<.03			25	20			
		veining at 40-60 deg with trace pyrite, lower contact marked by 5 cm chlorite mud fault at	69044	735.70	736.40	0.70	<.03				tr			
		60 deg, upper contact marked by 15 cm wide quartz-ankerite-albite vein at 50 deg, RQD	69045	736.40	737.20	0.80	<.03			1	3			
		40%.	69046	737.20	738.20	1.00	<.03				1			
		733.5-734.3	69047	738.20	739.00	0.80	<.03			2	10			
		Light grey white pink beige yellow quartz-ankerite-albite-sericite ribboned brecciated vein	69048	739.00	740.00	1.00	<.03			5	0.5			
		at 60-20-30 deg with 15% finely disseminated pyrite, broken lower contact at 30 deg,	69049	740.00	741.00	1.00	<.03			5	2			
		RQD 80%.	69050	741.00	742.00	1.00	<.03			5	1			
		734.3-735.7	69051	742.00	743.00	1.00	<.03			5	0.5			
		Light yellow beige grey sericitic silicified fractured brecciated medium grained greywacke	69052	743.00	743.80	0.80	<.03			3	tr			
		with 15% 1-10 cm wide white brecciated ankerite quartz veining at 50-60 deg with 1-5	69053	743.80	744.50	0.70	<.03			2	0.5			
		mm wide 20% pyritic borders and breccia matrix and 1-15% disseminated pyrite in	69054	744.50	745.30	0.80	<.03			15	15			
		greywacke matrix, core from 734.3-735.0 badly broken with 0% RQD. rest of section	69055	745.30	746.00	0.70	<.03			1	0.5			
		RQD30%.	69056	746.00	746.80	0.80	<.03			8	0.5			
			69057	746.80	747.90	1.10	<.03			3	0.5			
735.70	758.05	Altered Sericitic Pyritic Conglomerate	69058	747.90	749.00	1.10	<.03				1			
		735.7-743.0	69059	749.00	750.00	1.00	<.03				5			
		Light beige pink grey nonmagnetic weakly ankeritic and sericitic silicified and albitized	69060	750.00	751.00	1.00	<.03			2	1			
		deformed polymictic matrix-clast-supported conglomerate with 2-3 cm wide stretched	69061	751.00	752.00	1.00	<.03			2	5			
		pink to beige altered pyritic felsic intrusive clast and grey quartz and green chloritic	69062	752.00	753.00	1.00	<.03				5			
		basalt clasts in a medium grained greywacke matrix, moderately foliated at 30-40 deg,	69063	753.00	754.00	1.00	<.03			3	3			
		0.5-15% pyrite fine to medium grained finely disseminated and 2-5 mm wide chloritic	69064	754.00	755.00	1.00	<.03			5	1			
		lenses, 1-10%, 1-3 cm wide, white drag-folded ankerite+-quartz veining at 10-60 deg	69065	755.00	755.80	0.80	<.03				0.5			
		with trace pyrite.	69066	755.80	756.70	0.90	<.03			2	0.5			
		743.0-744.5	69067	756.70	757.40	0.70	<.03			5	0.5			
		Yellow beige fine grained sericitic greywacke, moderately foliated at 40 deg, 0.5% finely	69068	757.40	758.10	0.70	<.03			5	20			
		disseminated pyrite.	69069	Blank			<.03							
		744.5-746.8	69070	Au std # 6			2.67							
		Light beige sericitic, chloritic silicified altered coarse grained greywacke to clast-	69071	758.10	759.00	0.90	<.03			3	tr			
		supported conglomerate, weakly foliated at 40 deg, 5%, 0.2-1 cm wide ankerite+-quartz	69072	759.00	760.00	1.00	<.03			3	tr			
		veining at 50 deg, 15 % finely disseminated fine to medium grained pyrite.	69073	760.00	761.00	1.00	<.03			1	1			
		746.8-757.8	69074	761.00	762.00	1.00	<.03			3	tr			
		Dark green grey red beige strongly magnetic chloritic clast-supported polymictic	69075	762.00	763.00	1.00	<.03			5	tr			
		conglomerate with 0.5-10 cm rounded to subrounded silicified pyritic syenite, syenite	69076	763.00	764.00	1.00	<.03			2				
		porphyry, felsite quartz siltstone, greywacke and basalt clasts in a chloritic medium	69077	764.00	765.00	1.00	<.03			2				
		grained greywacke matrix, 0.5-5% finely disseminated pyrite in clasts, 0.5-2% medium	69078	765.00	766.00	1.00	<.03			3				
		grained pyrite disseminated and 1-3 mm chloritic lenses and clasts, <1%, 0.5-2.5 cm	69079	766.00	766.80	0.80	<.03			1				
		white brecciated ankerite+-quartz veins and fragments at 20-60 deg, very weakly foliated	69080	766.80	767.80	1.00	<.03			2				
		at 60-70 deg.	69081	767.80	768.70	0.90	<.03			2				

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		757.8-758.05	69082	768.70	769.50	0.80	<.03			2			
		Beige brown olive aphanitic silicified cherty vein at 80-20 deg with 20% finely	69083	769.50	770.20	0.70	<.03			2			
		disseminated pyrite and 1% medium grained pyrite along ankerite-chlorite fractures, 2%,	69084	770.20	771.20	1.00	<.03			10			
		0.1-1 cm irregular ankerite veining.	69085	771.20	772.30	1.10	<.03			10			
			69086	772.30	773.50	1.20	<.03			12			
758.05	**766.80**	Trachyte Tuff	69087	773.50	774.60	1.10	<.03			5			
		Dark green grey pink to maroon red weakly magnetic to non magnetic weakly chloritic	69088	774.60	775.60	1.00	<.03			2			
		trachyte tuff, weakly foliated at 60 deg marked by 0.5 mm dark green chloritic wavy	69089	775.60	776.60	1.00	<.03			2			
		foliation planes trace to locally 1% finely disseminated pyrite, 1%, 0.2-2 cm wide cream											
		white irregular ankerite veining.											
766.80	**776.60**	Hematitic Trachyte Lapilli Tuff											
		Orange brown red to dark green magnetic weakly ankeritic hematitic, weakly albitized											
		altered trachyte lapilli tuff with red hematitic trachyte fragments up to 1.5 cm wide,											
		weakly chloritic fractured/foliated at 45-60 deg, 5-10%, 0.1-1.5 cm wide irregular white											
		ankerite+-quartz veining and gash veining at 30-90 deg, minor traces of finely											
		disseminated pyrite, upper contact at 50 deg, lower contact at 70 deg.											
776.60	**807.50**	Chloritic Ash Tuff											
		Dark black green magnetic calcitic fine to medium grained ash tuff / mafic tuff, white											
		calcite carbonated mottled and 1-3%, 1-5 mm calcite gash veins, weakly chloritic											
		fractured/foliated at 45-70 deg, irregular lower contact at 70 deg.											
807.50	**825.40**	Conglomerate	69090	824.50	825.40	0.90	<.03			5	1		
		Dark green and grey magnetic calcitic polymictic clast-supported conglomerate with 0.2-											
		8 cm rounded feldspar porphyry quartz mafic volcanic and sedimentary clasts in a											
		chloritic fine grained matrix, weakly chloritic foliated at 45-50 deg, up to 10%, 0.1-1.5 cm											
		calcite veining at 40-90 deg, 0.5% finely disseminated pyrite over lower 90 cm, sharp											
		lower contact at 50 deg.											
825.40	**874.55**	Ash Tuff											
		Grey magnetic calcitic massive fine grained ash tuff with 1-2%, 0.05 x 2 mm dark green											
		chloritic laths and 2-3%, 0.5-2 mm sub rounded dark green chloritic magnetic grains in a											
		fine grained feldspathic matrix, 1%, 0.5-2 cm wide calcite-quartz veining at 20-30 deg.											
		756.6-860.3											
		Coarser tuff to lapilli tuff red to pink trachyte clasts up to 1 cm wide, weakly foliated at 50											
		deg, 1%, 1-10 mm ankerite veining.											
874.55	**916.30**	Conglomerate											
		874.55-821.30											
		Green grey white strongly magnetic calcitic and chloritic clast-matrix supported											
		polymictic conglomerate with 0.5-3 cm quartz felsite mafic volcanic and sediment											
		rounded to stretched clasts in a chloritic calcitic fine grained matrix, 10-20%, 0.1-2 cm											
		dismembered calcite veining parallel to moderate chloritic foliation at 70 deg, sharp											
		lower contact at 70 deg.											

DESCRIPTION : Hole No. PW10_8														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		821.30-908.3												
		Green grey to green magnetic calcitic chloritic matrix-supported polymictic conglomerate, weakly foliated at 70 deg, 1%, 0.2-3 cm ankerite-quartz veining at 50-70 deg, minor traces of pyrite.												
		908.3-916.3												
		Lighter grey and green ankeritic matrix and clast supported conglomerate, weakly foliated at 70 deg.												
916.30	**923.30**	Altered Hematitic Conglomerate	69091	914.90	915.60	0.70	<.03			5				
		Brown red, red salmon pink to light beige green magnetic strongly ankeritic hematitic altered clast-supported polymictic conglomerate with majority 0.2-3 cm closely-packed hematitic albitized syenite trachyte and porphyry clasts and sericitic sediment clasts in a medium grained weakly sericitic chloritic matrix, trace pyrite in altered clasts, very weakly foliated at 70 deg, 1%, 0.5-1.5 grey quartz veining with ankerite borders at 30-40 deg cross-cutting foliation at 70-80 deg.	69092	915.60	916.40	0.80	<.03			3	0.5			
			69093	916.40	917.60	1.20	<.03			5	tr			
			69094	917.60	918.70	1.10	<.03			1				
			69095	918.70	919.90	1.20	<.03			2				
				919.90	920.40	0.50	lost ground core							
			69096	920.40	921.30	0.90	<.03							
		919.9-920.4	69097	921.30	922.30	1.00	<.03			2				
		Lost core, fault ??	69098	922.30	923.30	1.00	<.03			3				
				923.30	924.00	0.70	lost ground core							
923.30	**990.30**	Conglomerate	69099	924.00	925.10	1.10	<.03			3				
		923.3-924.0	69100	925.10	926.20	1.10	<.03			5				
		60 cm lost ground core??	69101	926.20	927.30	1.10	<.03			3				
		924.0-931.0												
		Light beige grey to grey magnetic ankeritic weakly sericitic altered polymictic conglomerate, 5-10%, 0.2-2 cm wide light grey and white quartz-ankerite veining parallel to weak foliation at 40-50 deg.												
		931.0-986.4												
		Dark green and grey magnetic calcitic chloritic altered clast to matrix supported conglomerate with subrounded to rounded porphyry intrusive, volcanic and sediment clasts in a fine to medium grained chloritic calcitic matrix, very weakly foliated at 40-60 deg, <1%, 0.5-1.5 cm irregular ankerite+-quartz and calcite veining at 30-60 deg.												
		986.4-990.3												
		Dark green grey magnetic calcitic chloritic clast-supported conglomerate, weakly foliated at 50 deg.												
	990.30	EOH												
		Casing left in hole.												

PROPERTY: Pawnee			HOLE NUMBER: PW10_9					
Province:	Ontario	**DATE LOGGED:** May 17-19, 2010	**Grid E**	28+00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**	13+25		0	183	-50.0
Started:	9-Apr-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	577597	REFLEX	15	184.6	-50.6
Completed:	28-Apr-10	**UNITS:** Metres	**UTM N:**	5332411		75	180.2	-51.6
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV :**	360		135	176.0	-52.4
			Length:	501.0		198	173.4	-53.0
						255	174.8	-53.8
PURPOSE:	To test IP and magnetic anomalies and for a shallow dipping syenite intrusive					315	174.2	-54.5
						375	175.8	-54.8
COMMENTS:	Sample # 69123-69324, 69350 193 half core samples, 5 gold standard samples and 5 blank samples					435	174.8	-54.6
	were assayed for Au g/t by Polymet Lab. RQD > 75% unless noted					495	173.8	-54.6

SUMMARY LOG: PW10_9			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**4.40**	OVB						
4.40	**60.30**	Greywacke						
60.30	**64.60**	Quartz Pyrite Sericitic Shear Zone						
64.60	**67.40**	Altered Trachyte Tuff						
67.40	**72.90**	Greywacke						
72.90	**75.00**	Fault Zone						
75.00	**106.00**	Mudstone and Greywacke						
106.00	**136.60**	Greywacke						
136.60	**145.30**	Altered Greywacke and Mudstone						
145.30	**157.05**	Trachyte Tuff						
157.05	**165.70**	Quartz Carbonate Vein Zone						
165.70	**186.60**	Syenite						
186.60	**217.90**	Carbonated Ultramafics						
217.90	**223.00**	Altered Deformed Conglomerate						
223.00	**232.40**	Chloritic Greywacke						
232.40	**295.60**	Conglomerate and Greywacke						
295.60	**309.70**	Hematitic Altered Greywacke						
309.70	**314.10**	Dull Green Carbonate Zone						
314.10	**337.80**	Altered Conglomerate						
337.80	**340.30**	Shear Zone Greywacke						
340.30	**371.80**	Altered Conglomerate						
371.80	**377.35**	Brown Carbonate Zone						
377.35	**386.20**	Altered Conglomerate						
386.20	**390.50**	Sericitic Carbonated Greywacke						
390.50	**413.30**	Altered Greywacke to Conglomerate						

SUMMARY LOG: PW10_9			ASSAY SUMMARY					
413.30	421.10	Green Carbonate Zone						
421.10	429.60	Altered Conglomerate						
429.60	433.80	Altered Felsite						
433.80	453.90	Altered Conglomerate						
453.90	457.00	Brown Carbonate Zone						
457.00	501.00	Altered Greywacke						
	501.00	EOH						

DESCRIPTION : Hole No. PW10_9

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	4.40	OVB											
4.40	60.30	Greywacke											
		4.4-45.8											
		Green grey nonmagnetic fine to medium grained massive greywacke with scattered 1-2											
		cm dark green chloritic mudstone clasts, 1%, 1-10 mm white calcite+-quartz veining and											
		gash veins at 15-40 deg.											
		45.8-60.3											
		Green grey nonmagnetic fine to medium grained fractured greywacke with 2-20 cm wide											
		crushed faults and fault breccia zones at 20 deg, RQD 10-60 deg, 1-3%, 1-10 mm											
		calcite+-quartz veining at 15-80 deg.											
		49.4-50.6											
		Lost ground core .											
		45.8-46.0, 52.80-52.85, 55.55-55.60 and 55.80-55.85											
		Fault zones at 20, 15, 55 and 50 deg respectively.											
		57.50-57.65	69123	56.40	57.40	1.00	<.03			3			
		Grey to green beige quartz+-sericitic vein with diffuse contacts at 35 deg, 10% fine to	69124	57.40	57.90	0.50	<.03			20	5		
		medium grained disseminated pyrite, cut by 5 mm calcite veining at 80 deg.	69125	57.90	58.70	0.80	<.03			2			
			69126	58.70	59.60	0.90	<.03			2			
60.30	64.60	Quartz Pyrite Sericitic Shear Zone	69127	59.60	60.30	0.70	<.03			5			
		60.3-61.3 and 62.0-62.5	69128	60.30	61.30	1.00	<.03			65	20		
		Light grey white yellow green beige brecciated quartz veins at 35 deg with 65%, sericite+	69129	61.30	62.00	0.70	<.03			5	tr		
		quartz breccia matrix with 10-15% fine to medium grained disseminated pyrite, upper	69130	62.00	62.50	0.50	<.03			60	15		
		contact consists of 2-3 cm pyritic quartz fragments in chloritic altered greywacke, upper	69131	Au std # 6			2.67						
		contact of zone marked by chloritic slip at 35 deg	69132	Blank			<.03						
		61.3-62.0 and 62.5-63.8	69133	62.50	63.00	0.50	<.03			10	1		
		Green grey to yellow beige grey medium grained greywacke with 20% patchy sericitic	69134	63.00	63.60	0.60	<.03			5	tr		
		altered quartz-pyrite, overall 15% quartz and 3% pyrite.	69135	63.60	64.60	1.00	<.03			2	1		
		63.8-64.6	69136	64.60	65.60	1.00	<.03			3			
		Yellow green beige weakly sericitic chloritic brecciated to sheared mudstone with 1%	69137	65.60	66.30	0.70	<.03			2			
		pyrite along chloritic fractures, foliated at 15-20 deg, sharp upper contact at 15 deg,	69138	66.30	67.30	1.00	<.03			1			
		broken lower contact.											
64.60	67.40	Altered Trachyte Tuff											
		Grey green to grey pink, medium grained weakly chloritic hematitic calcitic altered											
		carbonated trachyte tuff, weakly chloritic fractured to brecciated at 35 deg, 1% calcite-											
		quartz veining at 35-50 deg, trace pyrite, poorly defined lower contact.											
67.40	72.90	Greywacke											
		Green grey nonmagnetic fine to medium grained massive weakly chloritic calcitic											
		greywacke.											
72.90	75.00	Fault Zone											
		Green grey chloritic greywacke with chloritic fractures at 0-35 deg and 1-2 cm wide											
		crushed fault zones at 20-35 deg at upper contact and 73.3 m, RQD 0%.											

DESCRIPTION : Hole No. PW10_9													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
75.00	106.00	Mudstone and Greywacke											
		Interbedded green grey, fine to medium grained massive greywacke and 0.05-2 m wide											
		olive green finely bedded ankeritic chloritic mudstone horizons, contacts and bedding at											
		20-25 deg, contacts are sharp to interfingered, 1%, 1-5 mm white calcite veining at 5-20-											
		60 deg.	69139	103.70	104.40	0.70	<.03				5	0.5	
		104.7-106.2	69140	104.40	105.20	0.80	<.03				10	1	
		Brecciated contact zone with 50/50 greywacke and mudstone angular fragments up to											
		10 cm in 15% calcite-grey quartz breccia, 1% disseminated pyrite along vein contacts											
		and in mudstone.											
106.00	136.60	Greywacke											
		Green grey fine to medium grained massive greywacke with minor <10 cm wide											
		mudstone horizons, 3-5% irregular calcite veining.											
136.60	145.30	Altered Greywacke and Mudstone	69141	136.60	137.60	1.00	<.03			5	tr		
		grey to light yellow pink beige interbedded fine grained greywacke and 1-5 cm thick	69142	137.60	138.50	0.90	<.03			5	tr		
		weakly sericitic mudstones at 20-40 deg, 5-10%, 1-15 cm wide fractured controlled	69143	138.50	139.60	1.10	<.03			10	1		
		sericitic altered bands at 15-40 deg with trace to 2% disseminated pyrite, later 0.1-1.5	69144	139.60	140.60	1.00	<.03			8	tr		
		cm drag-folded ankerite-quartz veining at 0-80 deg with sericitic altered wallrocks and	69145	140.60	141.40	0.80	<.03			5	tr		
		trace pyrite along contacts, scalloped wavy lower contact at 50deg.	69146	141.40	142.30	0.90	<.03			10	0.5		
			69147	142.30	143.30	1.00	<.03			5	tr		
145.30	157.05	Trachyte Tuff	69148	143.30	144.30	1.00	<.03			8	2		
		White pink light grey and green magnetic ankeritic coarse grained trachyte tuff with 2-3%	69149	144.30	145.30	1.00	<.03			5	0.5		
		dark green chloritic gangue, 3-5%, 1-5 mm wide ankerite _ + quartz veining at 20-40 deg	69150	145.30	146.30	1.00	<.03			1	tr		
		with sericitic altered wallrocks, trace to 1% disseminated fine to medium grained pyrite,											
		locally patchy pervasive sericite alteration with increase in pyrite mineralization.	69151	149.10	150.00	0.90	<.03			3	1		
			69152	150.00	151.00	1.00	<.03			2	1		
157.05	165.70	Quartz Carbonate Vein Zone											
		Light grey green grey and yellow beige nonmagnetic ankerite+_quartz vein zone with 25-	69153	156.00	157.00	1.00	<.03						
		50%, 1-10 mm irregular ankerite vein stock work at 30-0 deg with in a grey to dark grey	69154	157.00	158.30	1.30	<.03			30	0.5		
		soft chloritic ultramafic brecciated host rock with trace pyrite, 2-40 cm patchy light yellow	69155	158.30	159.40	1.10	<.03			30	tr		
		beige sericitic silicified zone and patches with 2-3% disseminated pyrite and 5-10% 1-5	69156	159.40	160.50	1.10	<.03			45	tr		
		mm grey quartz veining at 0-30 deg, RQD 45%.	69157	160.50	161.60	1.10	<.03			45	0.5		
		161.6-162.0 and 163.65-164.05	69158	161.60	162.50	0.90	<.03			50	3		
		Sericitic siliceous zones with 3% pyrite.	69159	162.50	163.50	1.00	<.03			45	0.5		
			69160	163.50	164.20	0.70	<.03			50	2		
165.70	186.60	Syenite	69161	164.20	164.90	0.70	<.03			35			
		Red to bright orange red hard fine grained hematitic albitized finely chloritic brecciated	69162	164.90	165.70	0.80	<.03			35			
		syenite, 1-10%, 1-5 mm wide white to light grey quartz+-ankerite veining at 30-60 deg	69163	165.70	166.50	0.80	<.03						
		and in fractures, minor traces of disseminated pyrite in the syenite, irregular upper	69164	166.50	167.50	1.00	<.03			1			
		contact at 30 deg, chloritic fractures at 20-30 deg, RQD 75%.	69165	167.50	168.50	1.00	<.03						
		173.85-174.20	69166	168.50	169.50	1.00	<.03			1			
		Dark red and dark green chloritic brecciated hematitic syenite zone at 30 deg with 5%	69167	169.50	170.50	1.00	<.03			1	tr		
		fine to medium grained pyrite in breccia matrix, yellow beige sericite threads along	69168	170.50	171.50	1.00	<.03						
		chloritic fractures.	69169	171.50	172.50	1.00	<.03			1			
		182.5-184.0	69170	172.50	173.60	1.10	<.03			5	tr		
		White dark green and yellow beige carbonate veined ultramafic, 80% ankerite veining	69171	173.60	174.50	0.90	<.03			3	1		
		parallel to moderate foliation at 70 deg, upper contact at 40 deg, lower contact at 90 deg,	69172	174.50	175.50	1.00	<.03						
		10% patchy sericite alteration with trace pyrite.	69173	175.50	176.50	1.00	<.03						

DESCRIPTION : Hole No. PW10_9													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
			69174	176.50	177.50	1.00	<.03						
186.60	217.90	Carbonated Ultramafics	69175	177.50	178.50	1.00	<.03			1			
		Off white green grey to dark green ankerite veined carbonated ultramafic with 80%	69176	178.50	179.50	1.00	<.03			1			
		ankerite vein stockwork at 0-90 deg, fractured and weakly foliated at 30-40 deg, intruded	69177	179.50	180.50	1.00	<.03			2			
		by 5-40 cm wide irregular ankeritic altered felsic dykes, upper contact at 50 deg, lower	69178	180.50	181.50	1.00	<.03			5			
		contact ground and weakly sericitic over 30 cm.	69179	181.50	182.50	1.00	<.03			5			
		200.15-201.65	69180	Au std # 6			2.67						
		Dark green chloritic talcose altered massive ultramafic, upper contact at 30 deg, lower	69181	Blank			<.03						
		contact marked by 5 cm fault gouge.	69182	182.50	183.30	0.80	<.03			50	tr		
		203.7-210.9	69183	183.30	184.00	0.70	<.03			50			
		Scattered (5%) peach beige fine grained silicified weakly sericitic ankeritic weakly	69184	184.00	184.90	0.90	<.03			1			
		chloritic fractured felsic dykes 5-20 cm wide with irregular contacts at 30-50 deg in	69185	184.90	185.70	0.80	<.03			3			
		carbonated ankerite veined carbonated ultramafics as above, trace pyrite in fractures.	69186	185.70	186.60	0.90	<.03			5			
		214.4-215.3											
		Carbonated ultramafic intruded by 70%, 30-40 cm wide, peach beige white ankeritic	69187	203.70	204.60	0.90	<.03			40			
		silicified felsic dykes at 30-40 deg with 0.5-1% disseminated medium grained pyrite,	69188	204.60	205.40	0.80	<.03			80			
		weakly chloritic fractured, 3% 1-5 mm wide ankerite veining.	69189	205.40	206.20	0.80	<.03			80			
			69190	206.20	207.00	0.80	<.03			40			
217.90	223.00	Altered Deformed Conglomerate	69191	207.00	207.90	0.90	<.03			80			
		Grey to pink grey weakly sericitic ankeritic altered matrix-supported conglomerate with	69192	207.90	209.20	1.30	<.03			80			
		fractured controlled ankerite and sericite alteration at 20-30 deg, 1-2%, 1-5 mm ankerite	69193	209.20	210.30	1.10	<.03			80			
		veining parallel to moderate foliation at 30 deg.	69194	210.30	210.90	0.60	<.03			20			
			69195	210.90	212.20	1.30	<.03			90			
223.00	232.40	Chloritic Greywacke	69196	212.20	213.40	1.20	<.03			80			
		223.0-229.6	69197	Blank			<.03						
		Green chloritic deformed altered fine to medium grained greywacke, moderately foliated	69198	Au std # 6			2.67						
		at 40 deg, sharp lower contact at 60 deg.	69199	213.40	214.10	0.70	<.03			10	1		
		225.7-225.8	69200	214.10	215.30	1.20	<.03			15	0.5		
		Chloritic fault zone at 40 deg.	69201	215.30	216.30	1.00	<.03			75			
		229.6-231.0											
		Grey grading to yellow lime green fine grained siltstone, weakly sericitic and 10%	69202	230.20	231.00	0.80	<.03			1			
		interbedded mudstone over lower 80 cm, weakly bedded at 50 deg.	69203	231.00	232.50	1.50	<.03			10	2		
		231.0-232.4	69204	232.50	232.40	-0.10	<.03			3	tr		
		Grey beige to light emerald green weakly sericitic fuschitic altered fine to medium											
		grained greywacke, moderately foliated at 40 deg, upper contact marked by 20 cm wide											
		sericitic 15% 1-3 mm quartz vein zone at 40 deg with 5% disseminated fine to medium											
		grained pyrite, sharp lower contact at 60 deg.											
232.40	295.60	Conglomerate and Greywacke											
		232.4-248.9											
		Green grey pink and beige weakly ankeritic weakly sericitic altered polymictic clast-											
		supported conglomerate with predominantly 0.2-10 cm rounded to stretched quartz											
		feldspar porphyry and syenite clasts but also jasper quartz basalt and fuschitic clasts in a											
		medium grained weakly sericitic greywacke matrix, weakly foliated at 50-60 deg.											
		248.9-276.1											
		Grey to pink beige grey ankeritic matrix-supported conglomerate to greywacke with											
		scattered 0.2-3 cm rounded syenite quartz sediment and volcanic clasts in a medium											
		grained weakly sericitic weakly hematitic altered greywacke matrix, 1%, 1-5 mm wide,											
		white irregular ankerite veining.											

DESCRIPTION : Hole No. PW10_9

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		276.1-278.2											
		Yellow lime green to beige pink ankeritic weakly sericitic fuschitic altered medium grained greywacke with 3% irregular ankerite+-quartz veining.											
		278.2-295.6	69205	277.20	278.20	1.00	<.03			10			
		Beige pink to grey pink ankeritic weakly sericitic hematitic matrix-supported conglomerate to greywacke, 1%, 1 mm specular hematite veining at 20-80 deg, locally 1-5% grey quartz+-ankerite irregular veining and lenses.	69206	278.20	279.00	0.80	<.03			5	0.5		
			69207	279.00	279.80	0.80	<.03						
			69208	279.80	280.40	0.60	<.03			3	tr		
		280.0-280.15	69209	280.40	281.40	1.00	<.03			2			
		White ankerite vein at 20 deg with specularite fractures and vein contacts, trace chalcopyrite and pyrite.											
295.60	**309.70**	Hematitic Altered Greywacke	69210	289.20	290.20	1.00	<.03			2			
		Brick red ankeritic weakly sericitic strongly hematitic altered medium to coarse grained greywacke with 3%, 1-5 mm specular hematite stringers at 20-50 deg, 5% 0.2-25 cm wide ankerite+-quartz veining at 20-50 deg with 5% specularite and trace chalcopyrite and pyrite along chloritic sericitic fractures.	69211	290.20	291.20	1.00	<.03			12			
			69212	291.20	292.40	1.20	<.03			10			
			69213	292.40	293.50	1.10	<.03			10			
			69214	293.50	294.60	1.10	<.03			5			
			69215	294.60	295.60	1.00	<.03			3			
309.70	**314.10**	Dull Green Carbonate Zone	69216	295.60	296.60	1.00	<.03			5			
		Yellow olive to olive beige and white dull green carbonate zone with 50-60%, 1-5 mm wide, wavy ankerite veining at 70 and 20 deg in sericitic weakly fuschitic altered fine grained matrix, sharp contacts at 50 deg.	69217	296.60	297.60	1.00	<.03			2			
			69218	297.60	298.60	1.00	<.03			2			
			69219	298.60	299.60	1.00	<.03			5			
			69220	299.60	300.50	0.90	<.03			10	tr		
314.10	**337.80**	Altered Conglomerate	69221	300.50	301.40	0.90	<.03			3			
		Light tan beige pink orange pink and dark green ankeritic sericitic altered clast-supported conglomerate with sericitic and albitized mainly felsic intrusive clasts in a medium grained sericitic and chloritic altered greywacke matrix, weakly deformed at 20-30 deg, 1-2%, 1-5 mm ankerite+-quartz veining with sericitic altered wallrocks.	69222	301.40	302.30	0.90	<.03			45	tr		
			69223	302.30	303.10	0.80	<.03			1			
			69224	Au std # 6			2.61			3	tr		
			69225	Blank			<.03						
337.80	**340.30**	Shear Zone Greywacke	69226	309.70	310.80	1.10	<.03						
		Grey green to yellow beige ankeritic fine grained greywacke with 0.2-2 cm sericitic mudstone interbedded, weakly to moderately sheared at 20-30 deg, 2-3%, 1-10 mm ankerite+-quartz veining with bleached wallrocks.	69227	310.80	311.90	1.10	<.03			60			
			69228	311.90	313.00	1.10	<.03			55			
			69229	313.00	314.10	1.10	<.03			60			
340.30	**371.80**	Altered Conglomerate	69230	370.80	371.80	1.00	<.03			5			
		Yellow beige pink grey to grey red ankeritic weakly sericitic hematitic clast to matrix-supported polymictic conglomerate with sericitic and potassic altered syenite and syenite porphyry clast up to 6 cm in a medium to coarse grained sericitic altered greywacke matrix, locally over 1-2 m 3-5%, 1-5 mm grey to white ankerite-quartz veining at 40-60 deg, ground lower contact.	69231	371.80	372.80	1.00	<.03			10	tr		
			69232	372.80	373.90	1.10	<.03			10	tr		
			69233	373.90	375.00	1.10	<.03			15	tr		
			69234	375.00	376.10	1.10	<.03			10			
			69235	376.10	377.30	1.20	<.03			5			
			69236	377.30	378.20	0.90	<.03			5			
371.80	**377.35**	Brown Carbonate Zone	69237	378.20	379.30	1.10	<.03			10			
		Brown to yellow beige brown hard silicified "albitized?" sericitic carbonated altered medium to coarse grained greywacke, 2-10%, 1-10 mm wide white to grey ankerite+-quartz veins vein fragments and lenses at 50-60 deg, 1%, 0.5-1 mm specularite veinlets, 1% sericite+-fuchsite threads, trace disseminated pyrite, lower contact at 50.	69238	379.30	380.30	1.00	<.03			10	tr		
			69239	385.20	386.20	1.00	<.03			15			
			69240	386.20	387.30	1.10	<.03			25			
			69241	387.30	388.40	1.10	<.03			60	tr		

DESCRIPTION : Hole No. PW10_9													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
377.35	386.20	Altered Conglomerate	69242	388.40	389.50	1.10	<.03			50			
		Red grey to yellow ankeritic weakly sericitic hematitic carbonated altered conglomerate	69243	389.50	390.50	1.00	<.03			50	tr		
		with orange red altered syenite clasts and angular fuchsite altered clasts in a sericitic	69244	390.50	391.50	1.00	<.03			15			
		medium grained altered greywacke matrix, 5-15%, 1-10 mm wide irregular grey to white											
		quartz ankerite veining, no sulphides.											
386.20	390.50	Sericitic Carbonated Greywacke											
		Yellow light grey to off white ankeritic carbonated sericitic altered fine to medium grained											
		greywacke with 25-60% 2-10 mm wide off white ankerite and light grey quartz-ankerite											
		veining parallel to moderate foliation at 30 deg, trace pyrite cubes and chalcopyrite,											
		sharp contacts at 20-30 deg.											
390.50	413.30	Altered Greywacke to Conglomerate	69245	400.10	401.00	0.90	<.03			15			
		390.5-411.6	69246	401.00	402.00	1.00	<.03			10	0.5		
		Yellow beige grey to red pink ankeritic weakly sericitic hematitic albitized altered medium	69247	402.00	403.00	1.00	<.03			15	tr		
		grained greywacke and matrix-supported polymictic conglomerate, 5-15%, 1-10 mm											
		wide irregular ankerite+-quartz veining at 20-60 deg.	69248	409.20	410.40	1.20	<.03			10			
		401.0-402.45	69249	410.40	411.60	1.20	<.03			15			
		Darker grey red weakly chloritic and hematitic zone at 50 deg with 10% grey white quartz	69250	411.60	412.50	0.90	<.03			15			
		ankerite veining and 0.5% disseminated fine to medium grained pyrite.	69251	412.50	413.30	0.80	<.03			20			
		411.6-413.3	69252	413.30	414.30	1.00	<.03			25	tr		
		Light orange red brown beige silicified albitized carbonated altered coarse grained	69253	414.30	415.30	1.00	<.03			25			
		greywacke with 20%, 1-5 mm irregular ankerite veining at 50-70 deg.	69254	415.30	416.00	0.70	<.03			20	tr		
			69255	416.00	416.90	0.90	<.03			30	tr		
413.30	421.10	Green Carbonate Zone	69256	416.90	417.90	1.00	<.03			15			
		Emerald green fuchsite altered ankerite veined altered ultramafic, 25%, 1-10 mm wide	69257	417.90	418.80	0.90	<.03			25			
		white ankerite veining parallel to weak foliation at 70 deg, sharp upper contact at 70 deg,	69258	418.80	419.30	0.50	<.03			30			
		lower contact at 60 deg, green carbonated intruded by 75%, 0.5-85 cm wide, light beige	69259	419.30	420.30	1.00	<.03			15	tr		
		tan fine to medium grained silicified felsite to quartz porphyritic felsite dykes with	69260	420.30	421.10	0.80	<.03			25			
		irregular contacts at 50-70 deg and 5-20% irregular ankerite veining, minor traces of	69261	421.10	422.00	0.90	<.03			5	tr		
		pyrite in dykes.	69262	422.00	423.00	1.00	<.03			20	tr		
			69263	423.00	424.00	1.00	<.03			10	tr		
421.10	429.60	Altered Conglomerate	69264	424.00	425.00	1.00	<.03			1	0.5		
		421.1-426.7	69265	425.00	426.00	1.00	<.03				0.5		
		Orange brown to light beige ankeritic carbonated altered medium grained greywacke	69266	426.00	426.70	0.70	<.03			1	tr		
		and conglomerate with 10-15%, 1-10 mm wide white to light grey irregular ankerite+-	69267	426.70	427.70	1.00	<.03			1	1		
		quartz veining, trace disseminated pyrite, intruded by 5% ,5-10 cm wide, felsite dykes.	69268	427.70	428.60	0.90	<.03			1	0.5		
		426.7-429.6	69269	428.60	429.60	1.00	<.03			2	1		
		Dark green red orange red beige and grey chloritic ankeritic altered clast-supported	69270	429.60	430.50	0.90	<.03				tr		
		polymictic conglomerate with syenite sediment and volcanic stretched weakly drag-	69271	430.50	431.20	0.70	<.03			1	1		
		folded clasts up to 8 cm in chloritic weakly sericitic altered matrix with 0.5-1% medium	69272	431.20	432.00	0.80	<.03				tr		
		grained disseminated pyrite, weak foliation at 0-30 deg, 1-2%, 1-5% irregular grey drag-	69273	432.00	433.00	1.00	<.03				1		
		folded quartz veining parallel to foliation.	69274	433.00	433.80	0.80	<.03			2	0.5		
			69275	433.80	434.80	1.00	<.03			1	0.5		
429.60	433.80	Altered Felsite	69276	434.80	436.00	1.20	<.03			1	0.5		
		Light creamy beige carbonated fine to medium grained weakly sericitic silicified felsite	69277	436.00	437.00	1.00	<.03				0.5		
		dyke with 3%, 1-2 mm fuchsite + - sericite "grains/flecks" in a weak foliation at 20-30	69278	437.00	438.00	1.00	<.03				0.5		
		deg, sharp contacts at 30 deg, 20%, 20-40 cm wide, orange brown pyritic altered	69279	438.00	439.00	1.00	<.03				0.5		
		conglomerate "inclusions" at 5-30 deg.	69280	439.00	440.00	1.00	<.03			1	1		

DESCRIPTION : Hole No. PW10_9													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
			69350	440.00	441.00	1.00	<.03			1	0.5		
433.80	453.90	Altered Conglomerate	69281	441.00	442.00	1.00	<.03			1	tr		
		Dark green red orange red beige and grey chloritic ankeritic altered clast-supported	69282	442.00	442.90	0.90	<.03			1	tr		
		polymictic conglomerate with syenite sediment and volcanic stretched weakly drag-	69283	442.90	443.70	0.80	<.03			2	tr		
		folded clasts up to 8 cm in chloritic weakly sericitic altered matrix with 0.5-1% medium	69284	443.70	444.90	1.20	<.03			2	tr		
		grained disseminated pyrite, weak foliation at 0-30 deg, 1-2%, 1-5% irregular grey drag-	69285	444.90	446.00	1.10	0.21			1	tr		
		folded quartz veining parallel to foliation.	69286	446.00	447.10	1.10	<.03			2	tr		
		443.9-449.2	69287	447.10	448.20	1.10	<.03			2	tr		
		Weakly sheared chloritic conglomerate at 20-30 deg with 1 mm wide chloritic fault gouge	69288	448.20	449.20	1.00	<.03			2	tr		
		fault slips at 25 deg, intruded by 5%, 10-20 cm wide altered felsite dykes, trace pyrite.	69289	449.20	450.00	0.80	<.03				tr		
			69290	450.00	451.00	1.00	<.03						
			69291	451.00	452.00	1.00	<.03			2	tr		
453.90	457.00	Brown Carbonate Zone	69292	452.00	453.00	1.00	<.03			3	1		
		Orange brown ankeritic sericitic carbonated altered greywacke intruded by 70 cm wide	69293	453.00	453.90	0.90	<.03			2	tr		
		chloritic weakly sericitic altered felsite dyke (454.95-455.65 m) with irregular drag-folded	69294	453.90	454.90	1.00	<.03			20	tr		
		contacts, 10%, 0.2-1.5 cm irregular grey to white wavy quartz-ankerite veining at 5-25	69295	454.90	455.70	0.80	<.03			10	tr		
		deg, 0.5% medium grained pyrite in chloritic fractures and along vein contacts.	69296	455.70	456.40	0.70	<.03			20	0.5		
			69297	456.40	457.00	0.60	<.03			10	tr		
			69298	457.00	458.00	1.00	<.03			3	tr		
457.00	501.00	Altered Greywacke	69299	Au std # 6			2.67						
		457.0-463.5	69300	Blank			<.03						
		Grey green orange beige pink carbonated sericitic potassic altered medium grained	69301	458.00	459.00	1.00	<.03			10	tr		
		greywacke with 5-15%, 0.2-1.5 grey white quartz+-ankerite veining at 0-20 deg with	69302	459.00	460.00	1.00	<.03			15	tr		
		sericitic altered wallrocks, trace pyrite along vein contacts.	69303	460.00	461.00	1.00	<.03			5	tr		
		463.5-468.85	69304	461.00	462.30	1.30	<.03			3	tr		
		Green grey to pink ankeritic weakly magnetic medium grained greywacke with 10-15%,	69305	462.30	463.50	1.20	<.03			1	tr		
		fracture-controlled sericitic/potassic/ankerite alteration at 5-30 deg.											
		468.85-475.5											
		Light orange beige brown to pink beige ankeritic sericitic carbonated greywacke with 5-	69306	468.80	469.90	1.10	<.03			15	tr		
		10% ankerite-quartz veining to vein stockwork, <1%, 1-2 mm specular hematite veining	69307	469.90	471.10	1.20	<.03			10	tr		
		with trace pyrite.	69308	471.10	472.20	1.10	<.03			10	tr		
		475.5-481.0	69309	472.20	473.30	1.10	<.03			15	tr		
		Green grey to pink ankeritic weakly magnetic medium grained greywacke with 10-15%,	69310	473.30	474.40	1.10	<.03			5			
		fracture-controlled sericitic/potassic/ankerite alteration at 5-30 deg.	69311	474.40	475.50	1.10	<.03			5	tr		
		481.0-492.0											
		Orange beige to beige to pink red beige and green grey ankeritic sericitic carbonated	69312	483.00	484.00	1.00	<.03			20			
		greywacke with 5-15% irregular white grey quartz ankerite veining at 0-30 deg, chloritic	69313	484.00	485.00	1.00	<.03			15			
		mud slips at 30 deg, RQD 60%.	69314	485.00	486.00	1.00	<.03			10			
		492.0-497.8											
		Orange pink brown beige ankeritic sericitic carbonated greywacke with 1020%, 0.2-1.5	69315	492.00	492.90	0.90	<.03			20			
		cm grey white quartz-ankerite veins and blebs/fragments at 5-25 deg, sericitic chloritic	69316	492.90	493.80	0.90	<.03			15			
		fractures at 5-30 deg.	69317	493.80	494.80	1.00	<.03			10			
		497.8-501.0	69318	494.80	495.80	1.00	<.03			5			
		Pink grey orange beige pink ankeritic sericitic potassic altered medium to coarse grained	69319	495.80	496.80	1.00	<.03			2			
		greywacke, weakly foliated at 30-40 deg, 5-10% light grey ankerite-quartz veining	69320	496.80	497.80	1.00	<.03			10			
		parallel to foliation, 0.5-1% finely disseminated fine to medium grained pyrite.	69321	497.80	498.80	1.00	<.03			10	tr		
			69322	498.80	499.70	0.90	<.03			5	0.5		
	501.00	EOH	69323	499.70	500.40	0.70	<.03			2	1		
		Casing left in hole.	69324	500.40	501.00	0.60	<.03				0.5		

PROPERTY: Pawnee			HOLE NUMBER: PW10_10					
Province:	Ontario	**DATE LOGGED:** May 17-June 9, 2010	**Grid E**	38 + 00	**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**	24 + 25 N		0	360	-60.0
Started:	16-May-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	578605	REFLEX	30	353.6	-61.4
Completed:	3-Jun-10	**UNITS:** Metres	**UTM N:**	5333500		90	358.3	-60.8
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	ELEV :	355		174	357.3	-59.4
			Length:	1,020.1		234	358.0	-58.8
						294	3.9	-58.3
PURPOSE:	To test weakly anomalous gold zone in hole P90-10 at depth and interpreted structures near boundary					354	2.2	-57.7
						414	2.5	-57.0
COMMENTS:	Sample # 69325-69750, 406 half core samples, 10 gold standard samples and 10 blank samples were					474	3.1	-55.9
	assayed for Au g/t by Polymet Lab. RQD > 75% unless noted.					534	3.9	-55.4
						594	4.9	-54.5
						654	5.8	-53.9
						714	7.5	-53.1
						774	7.8	-52.9
						834	9.1	-52.2
						894	9.9	-51.5
						954	11.6	-51.1
						1014	12.9	-50.9

SUMMARY LOG: PW10_10			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**3.00**	OVB				Average		
3.00	**35.70**	Trachyte						
35.70	**146.80**	Altered Trachyte and Trachyte						
146.80	**155.10**	Pyritic Altered Trachyte						
155.10	**192.80**	Trachyte to Altered Trachyte						
192.80	**270.00**	Augite Porphyritic Trachyte						
270.00	**287.00**	Trachyte Lapilli Tuff						
287.00	**314.00**	Mafic Ash Tuff						
314.00	**395.60**	Altered Trachyte						
395.60	**429.70**	Sericitic Altered Conglomerate						
429.70	**430.80**	Pyritic Quartz Carbonate Vein Zone						
430.80	**433.00**	Sericitic Conglomerate						
433.00	**581.80**	Mudstone Siltstone and Greywacke						
581.80	**598.70**	Sericitic Greywacke						
598.70	**600.60**	Sericitic Conglomerate						
600.60	**608.30**	Sericitic Chloritic Mudstone Siltstone and Greywacke						
608.30	**620.70**	Sericitic Greywacke and Mudstones						
620.70	**621.50**	Fault Breccia						
621.50	**630.40**	Sericitic Mudstone Siltstone and Greywacke						
630.40	**636.70**	Sericitic Greywacke						
636.70	**641.60**	Quartz Carbonate Vein Zone						
641.60	**668.80**	Sericitic Greywacke and Conglomerate						
668.80	**674.00**	Quartz Carbonate Vein Zone						
674.00	**680.30**	Carbonate Zone / Altered Felsite	669.80	670.80	1.00	1.34		
680.30	**685.80**	Altered Felsite						

SUMMARY LOG: PW10_10			ASSAY SUMMARY					
685.80	**693.70**	Carbonate Zone / Altered Felsite						
693.70	**735.10**	Trachyte Tuff						
735.10	**765.10**	Trachyte						
765.10	**798.55**	Altered Trachyte Tuff						
798.55	**843.10**	Trachyte Breccia						
843.10	**922.15**	Trachyte Tuff						
922.15	**923.50**	Fault Breccia Zone						
923.50	**941.60**	Trachyte Tuff Breccia						
941.60	**1021.10**	Trachyte Tuff to Tuffaceous Greywacke to Greywacke						
	1021.10	EOH						

DESCRIPTION : Hole No. PW10_10														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
0.00	3.00	OVB												
3.00	35.70	Trachyte												
		3.0-5.4	69325	5.40	6.70	1.3	<.03			5	tr			
		Salmon red hematitic altered fine grained trachyte with limonitic fractures, broken core												
		50% recovery, RQD 0%.												
		5.4-6.7												
		Salmon red hematitic altered trachyte with 5%, 1-2 mm ankerite vein stockwork, trace												
		disseminated medium grained pyrite.												
		6.7-24.8												
		Maroon red nonmagnetic hard fine grained trachyte with two phases of 1-5 mm ankerite+												
		quartz veining at 30-40 deg and 120-130 deg.												
		14.50-16.3	69326	14.50	15.40	0.90	<.03			2	tr			
		Grey beige sericitic bleached altered trachyte with 2-10 cm red hematitic altered bands	69327	15.40	16.30	0.90	<.03			2	tr			
		at 30 deg, 1% ankerite veining at 30 deg, trace medium grained pyrite.												
		24.8-35.7												
		Salmon red to pink ankeritic weakly potassic hematitic altered nonmagnetic fine grained												
		trachyte with 10% cream white to grey, 1-2 mm anhedral ankeritic feldspar phenocrysts,												
		1-3%, 1-10 mm ankerite+-quartz veining at 50-60 deg, grey green chloritic fractures at												
		10-30 deg, RQD 60%.												
35.70	146.80	Altered Trachyte and Trachyte	69328	37.00	38.00	1.00	<.03							
		35.7-47.3	69329	38.00	39.00	1.00	<.03			5				
		Salmon red to pink and greenish beige weakly ankeritic hematitic altered trachyte with	69330	39.00	40.00	1.00	<.03			3				
		50-60% patchy pervasive weak sericitic alteration which gives rock a hydrothermal	69331	40.00	41.00	1.00	<.03			8				
		breccia texture, 2-5% irregular ankerite vein stockwork, chloritic fractured at 10-40 deg,	69332	41.00	42.00	1.00	<.03			5				
		trace pyrite and chalcopyrite.	69333	42.00	43.00	1.00	<.03			5				
		47.3-53.3												
		Purple maroon red ankeritic nonmagnetic fine grained trachyte with 3-5%, 1-3 mm												
		ankeritic phenocrysts, gradational contacts.												
		53.3-56.5												
		Salmon pink ankeritic hematitic altered trachyte, 5% ankerite vein stockwork chloritic												
		fractured at 30-40 deg.												
		56.5-59.3	69334	56.50	57.50	1.00	<.03			20				
		Orange salmon red and greenish beige ankeritic hematitic altered trachyte with patchy	69335	57.50	58.20	0.70	<.03			15				
		sericitic breccia alteration, 1-2% ankerite veining at 30-40 deg, 10-15% irregular mottled	69336	58.20	59.30	1.10	<.03			10				
		irregular blebby fragmented ankerite vein breccia matrix, sharp upper contact at 30 deg,												
		ground lower contact.												
		59.3-65.1												
		Grey pink red ankeritic strongly magnetic fine grained weakly feldspar porphyritic												
		trachyte, gradational lower contact.												
		65.1-73.3												
		Grey pink to orange red ankeritic magnetic weakly hematitic fine grained trachyte with 1-												
		2% disseminated magnetite, locally weakly sericitic or strongly hematite altered bands at												
		20-30 deg, 3-5%, 1-10 mm ankerite + brown red altered feldspar veining at 30-70 deg,												
		trace pyrite and chalcopyrite in ankerite veining.	69337	72.30	73.30	1.00	<.03			2				

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		73.3-76.7	69338	73.30	74.00	0.70	<.03			5	0.5		
		Bright orange salmon red and greenish beige hematitic albitized hydrothermally	69339	74.00	75.00	1.00	<.03			15	1		
		brecciated fine grained trachyte with 40-50% sericitic ankeritic breccia matrix, 10%	69340	75.00	76.00	1.00	<.03			10	2		
		ankerite+-quartz vein network in red hematitic "fragments' with 1-2% disseminated	69341	76.00	76.70	0.70	<.03			2	0.5		
		medium grained pyrite and trace chalcopyrite, sharp upper contact at 40 deg, gradational	69342	76.70	77.80	1.10	<.03			2			
		lower contact.	69343	77.80	79.00	1.20	<.03			1			
		76.7-80.0	69344	79.00	80.00	1.00	<.03			1			
		Pink beige grey magnetic ankeritic weakly sericitic fine grained altered trachyte locally	69345	80.00	81.10	1.10	<.03			15	0.5		
		dark red and hematitic, 1% disseminated leucoxene, <1% 1-2 mm, beige grey altered	69346	81.10	82.20	1.10	<.03			15	2		
		augite phenocrysts.	69347	82.20	83.50	1.30	<.03			5	tr		
		80.0-82.2	69348	Au std # 6			2.61						
		Dark red nonmagnetic ankeritic silicified strongly hematitic altered trachyte with 15%, 1-	69349	Blank			<.03						
		10 mm wide, ankerite+-quartz veining (2 phases) at 30-40 to 120-130 deg, 0.5-1% fine											
		to medium grained disseminated pyrite cubes.											
		82.2-94.0											
		Pink grey to dark red magnetic ankeritic weakly sericitic fine grained altered trachyte with											
		patchy hematitic altered sections, 1-2% disseminated magnetite, locally 1-2% altered											
		augite phenos, 1-2%, 1-5 mm ankerite+- quartz veining.	69350	Hole PW10_9 in-fill sample									
		94.0-102.0	~~69351~~	~~94.00~~	~~95.00~~	~~1.00~~	<.03				0.5		
		Beige grey orange salmon red to dark red, magnetic sericitic to nonmagnetic strongly	69352	95.00	96.00	1.00	<.03			1	1		
		hematitic ankerite mottled altered trachyte with patchy greenish beige sericitic breccia	69353	96.00	97.00	1.00	<.03			2	3		
		matrix, 1-2%, 1-10 mm white ankerite+-quartz veining cut by 1% later ankerite veining at	69354	97.00	98.00	1.00	<.03			1	1		
		right angles, later veining tends to have more quartz, 1-3% finely disseminated very fine	69355	98.00	99.00	1.00	<.03			2	1		
		to medium grained pyrite, trace chalcopyrite in quartz-chlorite lenses, zone contacts	69356	99.00	100.00	1.00	<.03			3	1		
		defined by pyrite mineralization versus alteration.	69357	100.00	101.00	1.00	<.03			2	2		
		102.0-116.2	69358	101.00	102.00	1.00	<.03			1	2		
		Beige grey to grey beige magnetic ankeritic weakly sericitic altered fine grained trachyte											
		with 1% disseminated leucoxene, locally contains beige grey altered augite phenocrysts,											
		chloritic fractured at 25-40 deg, 1-2 % ankerite veining, trace pyrite.											
		116.2-122.4	69359	115.20	116.20	1.00	<.03			2			
		Greenish beige ankeritic sericitic nonmagnetic altered trachyte with 5-20 cm patchy	69360	116.20	117.10	0.90	<.03			3	0.5		
		salmon red ankeritic hematitic altered trachyte with ankeritic phenos, <1%, 1-5 mm	69361	117.10	118.10	1.00	<.03			1	1		
		irregular ankerite veining at 10-30 deg, 0.5-1% finely disseminated pyrite in hematite	69362	118.10	119.10	1.00	<.03			1	0.5		
		alteration, upper contact defined by lost of magnetism, gradational lower contact.	69363	119.10	120.10	1.00	<.03			1	1		
		122.4-146.8	69364	120.10	121.10	1.00	<.03				1		
		Grey red to beige grey salmon red to beige nonmagnetic to weakly magnetic ankeritic	69365	121.10	121.80	0.70	<.03			1	tr		
		weakly sericitic and locally hematitic altered trachyte, in magnetic sections 1-2 mm green	69366	121.80	122.40	0.60	<.03			3	1		
		augite phenocrysts, 1%, 0.1-10 cm white ankerite veining at 20-40 deg, weakly chloritic	69367	122.40	123.30	0.90	<.03			1			
		fractured at 20-40 deg, hematite alteration increases below 142 m.											
146.80	155.10	Pyritic Altered Trachyte	69368	146.80	147.80	1.00	<.03			2			
		Salmon orange red and white grey nonmagnetic ankeritic hematitic albitized finely	69369	147.80	148.70	0.90	<.03			25	5		
		brecciated trachyte with 20-30% ankerite+_chlorite breccia matrix and 1-5%	69370	148.70	149.70	1.00	<.03			25	5		
		disseminated fine to medium grained pyrite cubes, moderately fractured at 35-40 deg	69371	149.70	150.70	1.00	<.03			25	5		
		with traces of blue grey metallic mineral, possibly molybdenite along fracture planes, 1-	69372	150.70	151.70	1.00	0.14			25	5		
		2%, 1-5 mm ankerite+-quartz veining and lenses at 60-70 and 110-120 deg, upper	69373	151.70	152.70	1.00	<.03			30	3		
		contact marked by 3 mm chloritic mud fault at 30 deg, lower contact broken.	69374	152.70	153.50	0.80	<.03			20	5		
			69375	153.50	154.50	1.00	<.03			20	5		

DESCRIPTION : Hole No. PW10_10														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
155.10	192.80	Trachyte to Altered Trachyte	69376	154.50	155.10	0.60	<.03			10	1			
		155.1-160.3	69377	Blank			<.03							
		Dark red orange salmon pink green grey and beige grey magnetic ankeritic sericitic to	69378	Au std # 6			2.54							
		chloritic and hematitic altered trachyte, 1-5%, 1-10 mm ankerite+-quartz veining at 30-40	69379	155.10	156.00	0.90	<.03			10	tr			
		and 120-130 deg, 20%,20-40 cm wide chloritic sericitic altered zones marked by chloritic												
		fault slips at 20-30 deg, trace to 1% disseminated pyrite in hematitic altered sections,												
		lower contact marked by chloritic slip at 20 deg.												
		160.3-169.4												
		Green grey strongly magnetic ankeritic augite porphyritic trachyte with 25%, 1-4 mm												
		anhedral to euhedral grey augite phenocrysts in at fine grained red grey trachyte matrix,												
		locally brecciated over 20 cm, 1-2%, 0.1-2 cm ankerite veining at 70-80 deg.												
		169.4-173.2	69380	169.40	170.40	1.00	<.03			10	1			
		Yellow beige to range pink salmon nonmagnetic to strongly magnetic ankeritic sericitic	69381	170.40	171.40	1.00	<.03			5	tr			
		weakly hematitic altered finely ankerite brecciated trachyte with 1-3%, fine to medium	69382	171.40	172.50	1.10	<.03			5	3			
		grained pyrite, 1-5%, 1-10 mm wide ankerite+-quartz veining at 70 deg with trace pyrite	69383	172.50	173.20	0.70	<.03			5	1			
		and occasionally with 0.5 mm chloritic contacts, gradational lower contact, sharp upper												
		contact at 70 deg.												
		173.2-178.85												
		Dark maroon red and orange red magnetic ankeritic augite porphyritic trachyte with												
		variable hematite and sericitic alteration, 3-5%, 1-10 mm wide irregular ankerite veining												
		at 60-80 deg, ground lower contact.												
		178.85-185.0	69384	178.80	179.80	1.00	<.03			10	tr			
		Dark maroon red magnetic ankeritic hematite altered augite porphyritic trachyte with 15-	69385	179.80	180.90	1.10	<.03			10	tr			
		20%.-1.5 cm irregular ankerite+-quartz veining at 70 and 140 deg, trace disseminated	69386	180.90	182.00	1.10	<.03			15	tr			
		pyrite, upper contact marked by 25 cm wide yellow beige sericitic zone at 40-50 deg,	69387	182.00	183.00	1.00	<.03			5				
		sharp lower contact at 40 deg.	69388	183.00	184.00	1.00	<.03			15				
		185.0-189.2	69389	184.00	185.00	1.00	<.03			10				
		beige green to orange pink, nonmagnetic ankeritic sericitic albitized altered trachyte with	69390	185.00	186.30	1.30	<.03			15				
		10-15%, 1-40 cm wide, ankerite+-quartz veining at 20-60 deg, sharp sericitic weakly	69391	186.30	187.50	1.20	<.03			10				
		sheared upper contact at 40 deg, lower contact marked by 2 cm ankerite vein at 20-30	69392	187.50	188.00	0.50	<.03			80				
		deg.	69393	188.00	189.20	1.20	<.03			10				
		187.55-187.94												
		White to light grey ankerite 30%, quartz 60%, albite 5%, sericite-chlorite 5% vein at 60-												
		40 deg.												
		189.2-192.8												
		Orange brown red weakly hematitic sericitic altered augite porphyritic trachyte, alteration												
		decreases towards gradational lower contact.												
192.80	270.00	Augite Porphyritic Trachyte	69394	267.00	267.90	0.90	<.03							
		Grey to dark purple grey to dark red magnetic weakly hematitic altered augite porphyritic	69395	267.90	268.90	1.00	<.03							
		trachyte with 5-15%, 1-3 mm grey green trachyte phenos in fine grained grey green red		268.90	270.00	1.10	ground missing core							
		trachyte matrix, 1-15%, 0.2-3 cm ankerite = red brown albite veining at 20-70 deg, locally	69396	270.00	271.00	1.00	<.03							
		1-3%, 1-2 mm calcite gashes.												
		242.7-254.0	69397	314.00	315.00	1.00	<.03			15				
		Light beige green to orange beige pink magnetic weakly sericitic altered augite trachyte,	69398	315.00	316.10	1.10	<.03			3				
		1-3%, 1-10 mm irregular ankerite+-quartz veining, trace pyrite, upper contact marked by	69399	316.10	317.20	1.10	<.03			30				
		weak sericitic chloritic shear/fracture zone at 40 deg.												

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		267.9-268.9	69400	321.00	322.00	1.00	<.03			25			
		Red brown green hematitic chloritic brecciated trachyte with 5% ankerite+-quartz breccia	69401	322.00	323.00	1.00	<.03			20			
		matrix.	69402	323.00	324.00	1.00	<.03			10			
		268.9-270	69403	324.00	324.70	0.70	<.03			5			
		Ground core.											
			69404	332.00	333.00	1.00	<.03			3			
270.00	287.00	Trachyte Lapilli Tuff	69405	333.00	333.80	0.80	<.03			25			
		Green dark green and pink red grey strongly magnetic mafic trachyte lapilli tuff with 0.2-	69406	333.80	334.40	0.60	<.03			5			
		10 cm angular to subangular dark green mafic ash tuff clasts in a fine to coarse grained	69407	334.40	335.40	1.00	<.03			5			
		red green grey weakly hematitic chloritic calcitic tuffaceous matrix, locally bedded at 30	69408	335.40	336.40	1.00	<.03			10			
		deg, chloritic fractured at 40-50 deg, clast size increase with depth.	69409	336.40	337.40	1.00	<.03			15	tr		
			69410	337.40	338.20	0.80	<.03			3			
287.00	314.00	Mafic Ash Tuff	69411	338.20	339.10	0.90	<.03			3			
		287.0-287.15	69412	339.10	340.00	0.90	<.03			2			
		Pink green magnetic chloritic hematitic mafic tuff, finely bedded at 40 deg.	69413	340.00	341.00	1.00	<.03			3			
		287.15-314.0	69414	341.00	342.00	1.00	<.03			20			
		Dark green with white flecks strongly magnetic and calcitic medium to coarse grained	69415	342.00	343.10	1.10	<.03			80	tr		
		mafic ash tuff, massive to very weak foliation at 40-50 deg.	69416	343.10	344.00	0.90	<.03			35			
			69417	344.00	345.00	1.00	<.03			15			
314.00	395.60	Altered Trachyte	69418	345.00	346.20	1.20	<.03			10			
		314.0-354.5											
		Grey to light greenish grey magnetic weakly sericitic strongly ankeritic altered trachyte to											
		augite porphyritic trachyte, 2-50%, 0.2-50 cm wide, irregular white ankerite veining with											
		brown red feldspar and grey quartz to grey quartz with ankerite and sericitic contacts,	69419	346.20	347.20	1.00	<.03			35			
		quartz vein contacts weakly sericitic sheared at 35-40 deg e.g. 333.8 m, trace pyrite,	69420	347.20	348.00	0.80	<.03			2			
		locally moderately hematite altered.	69421	348.00	349.00	1.00	<.03			5			
		342.15-343.1	69422	Au std # 6			2.54						
		Light grey finely brecciated quartz+albite vein with chloritic fault contacts at 10 deg.	69423	Blank			<.03						
		343.1-344.0											
		Dark green chlorite alteration intruded by 35%, 5-15 cm ankerite-quartz veining at 10-40	69424	359.70	360.80	1.10	<.03			5			
		deg.	69425	360.80	361.40	0.60	<.03			20			
		354.5-392.85	69426	361.40	362.60	1.20	<.03			2			
		Light beige to red beige grey to grey, strongly magnetic to nonmagnetic, ankeritic,	69427	362.60	363.50	0.90	<.03			2			
		weakly to moderately sericitic altered trachyte to augite trachyte, 1-20%, 1-20 cm wide	69428	363.50	364.50	1.00	<.03			20	tr		
		grey weakly to finely brecciated quartz+-ankerite veining parallel to very weak foliation at	69429	364.50	365.50	1.00	<.03			5	tr		
		35-40 deg, locally quartz-ankerite veining is drag-folded and boudinaged e.g. 363.5-											
		365.5 m, 1-3%, 1-10 cm wide earlier irregular ankerite + brown red feldspar veining,	69430	370.10	371.10	1.00	<.03			1			
		trace pyrite in some veins but overall sulphide mineralization is negligible.	69431	371.10	372.20	1.10	<.03			2			
		370.1-375.95	69432	372.20	373.30	1.10	<.03			3			
		Light yellow beige to grey nonmagnetic ankeritic, moderately sericitic trachyte with 3-5%,	69433	373.30	374.30	1.00	<.03			5			
		grey-white irregular quartz-ankerite veining with trace pyrite.	69434	374.30	375.20	0.90	<.03			1			
		392.85-395.6	69435	375.20	376.00	0.80	<.03			15			
		Purple red grey to beige grey weakly sericitic hematitic altered trachyte with 10-20 cm											
		wide beige sericitic altered coarse grained greywacke inclusions with 5% finely	69436	381.00	382.00	1.00	<.03			3			
		disseminated hematite grains and contacts at 35-70 deg, 3%, 0.5-1.5 cm wide ankerite+-	69437	382.00	383.00	1.00	<.03			10			
		quartz veining at 35-70 deg, sharp lower contact at 40 deg.	69438	383.00	384.00	1.00	<.03			3			
			69439	384.00	385.00	1.00	<.03			3			

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
395.60	429.70	Sericitic Altered Conglomerate	69440	385.00	386.00	1.00	<.03			5			
		395.6-409.0	69441	386.00	387.00	1.00	<.03			2			
		Yellow beige pink red and beige green ankeritic sericitic altered matrix to clast supported	69442	387.00	388.00	1.00	<.03			1			
		polymictic conglomerate with syenite quartz sediment and volcanic clasts up to 3 cm in a	69443	388.00	389.00	1.00	<.03			2			
		coarse grained sericitic altered greywacke matrix, clast-supported coarser grained	69444	389.00	390.00	1.00	<.03			1			
		sections have up to 3%, 2-100 mm angular fuschitic to chloritic altered ultramafic clasts,	69445	390.00	391.00	1.00	<.03			3			
		1-3%, syenite clasts are albite altered, 1-5%, 1-10 mm wide irregular ankerite+-quartz	69446	391.00	392.00	1.00	<.03			2			
		veining at 35-90 deg, trace to up to 2% disseminated fine to medium grained pyrite.	69447	392.00	392.80	0.80	<.03			1			
			69448	392.80	393.80	1.00	<.03			1			
		409.0-418.35	69449	393.80	394.70	0.90	<.03			10			
		Light beige to darker beige green sericitic ankeritic matrix-supported conglomerate with	69450	394.70	395.60	0.90	<.03						
		3-10% 1-10 mm wide ankerite-quartz veining and vein fragments at 0-90 deg, weakly	69451	395.60	396.60	1.00	<.03			5	tr		
		chloritic sericitic fractured at 40-50 deg, trace to 2% fine to medium grained pyrite along	69452	396.60	397.60	1.00	<.03			10	tr		
		fractures and in some quartz-ankerite veins and fragments.	69453	397.60	398.50	0.90	<.03			1	tr		
		418.35-419.0	69454	398.50	399.50	1.00	<.03			1	tr		
		Pink and light beige silicified albitized conglomerate, moderately chloritic fractured at 50	69455	399.50	400.50	1.00	<.03			1	tr		
		deg, 5%, fine to medium grained pyrite disseminated and along fractures, 1%, 1-3 mm	69456	400.50	401.50	1.00	<.03			1	tr		
		late ankerite veining at 10-5 deg.	69457	401.50	402.50	1.00	<.03			3	tr		
		419.0-429.7	69458	402.50	403.50	1.00	<.03			5	1		
		Light yellow beige strongly ankeritic sericitic altered coarse grained greywacke to pebbly	69459	403.50	404.50	1.00	<.03			2	2		
		greywacke with scattered quartz and fuschitic altered clasts to 1 cm, weakly to	69460	404.50	405.50	1.00	<.03			3	1		
		moderately chloritic sericitic fractured to brecciated, 1-3%, 0.1-1.5 white quartz-ankerite	69461	405.50	406.30	0.80	<.03			5	tr		
		veining parallel to weak foliation at 40-50 deg and cross-cutting foliation at right angles,	69462	406.30	407.20	0.90	<.03			3	tr		
		sericitic chloritic fractures at 35-50 deg, 0.5-1% fine to medium grained disseminated	69463	407.20	408.10	0.90	<.03			2	tr		
		along fractures and vein contacts.	69464	408.10	409.00	0.90	<.03			2	0.5		
			69465	409.00	410.00	1.00	<.03			5	0.5		
429.70	430.80	Pyritic Quartz Carbonate Vein Zone	69466	410.00	411.00	1.00	<.03			5	0.5		
		Dark grey to grey silicified ankeritic finely brecciated greywacke with 5% disseminated	69467	411.00	412.00	1.00	<.03			10	0.5		
		medium grained pyrite and 10% fine grained pyrite, 3% quartz-ankerite veining at 40-50	69468	412.00	413.00	1.00	<.03			10	0.5		
		deg, sharp up contact at 50 deg, lower contact marked by 5 mm chloritic fault breccia	69469	413.00	414.00	1.00	<.03			1	tr		
		vein at 40 deg.	69470	414.00	415.00	1.00	<.03			5	0.5		
			69471	415.00	416.00	1.00	<.03			10	0.5		
430.80	433.00	Sericitic Conglomerate	69472	416.00	417.00	1.00	<.03			10	0.5		
		Yellow light grey and light beige weakly ankeritic moderately sericitic altered cast-	69473	417.00	417.70	0.70	<.03			1	2		
		supported tightly packed polymictic conglomerate with light grey and dark grey rounded	69474	417.70	418.30	0.60	<.03				2		
		quartz cobbles up to 6 cm and 0.5-1 cm angular dark green black ultramafic clasts,	69475	418.30	419.00	0.70	<.03			2	5		
		weakly foliated at 40 deg, 0.5-1% disseminated medium grained pyrite.	69476	Blank			<.03						
			69477	Au std # 6			2.54						
433.00	581.80	Mudstone Siltstone and Greywacke	69478	419.00	420.00	1.00	<.03			3	tr		
		433.0-433.6	69479	420.00	421.00	1.00	<.03			1	tr		
		Yellow medium grained sericitic altered greywacke interbedded with grey fine grained	69480	421.00	422.00	1.00	<.03			2	tr		
		siltstone, bedding at 50 deg.	69481	422.00	423.00	1.00	<.03			3	tr		
		433.6-455.0	69482	423.00	424.00	1.00	<.03			2	tr		
		Yellow light grey and grey, yellow fine grained sericitic altered greywacke, grey fine	69483	424.00	425.00	1.00	<.03			3	tr		
		grained siltstones and yellow to grey mudstone interbedded over widths of 0.2-60 cm,	69484	425.00	426.00	1.00	<.03			2	0.5		
		mudstone horizons brecciated with ankerite veining, moderately bedded foliated and	69485	426.00	427.00	1.00	<.03			2	0.5		
		locally drag folded at 20-30 deg to 443.7 m and then 40-50 deg, sericitic alteration in	69486	427.00	427.90	0.90	<.03			2	0.5		
		greywacke horizons decreases with depth, 3-10% white dark grey ankerite+-chlorite+-	69487	427.90	428.80	0.90	<.03			5	0.5		
		graphite veining parallel to foliation.	69488	428.80	429.70	0.90	<.03			10	0.5		

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		455.0-468.6	69489	429.70	430.80	1.10	0.69			3	15		
		Dark grey grey to greenish grey interbedded mudstones siltstone and greywacke,	69490	430.80	431.80	1.00	<.03				0.5		
		moderately foliated drag-folded and finely bedded at 25-50 deg, 3-10%, 0.5-5 cm wide,	69491	431.80	433.00	1.20	<.03				1		
		white grey drag-folded boudinaged quartz+-ankerite+-chlorite veining parallel to	69492	433.00	433.60	0.60	<.03						
		deformation.	69493	433.60	434.50	0.90	<.03			5	tr		
		468.6-492.0	69494	434.50	435.60	1.10	<.03			10			
		Grey dark grey to black ankeritic deformed interbedded siltstones and chloritic											
		mudstones, finely bedded and deformed at 20-60 deg, 1-5% irregular ankerite+-quartz+-											
		chlorite veining parallel to foliation, RQD 25-60%.											
		469.9-470.5											
		Chloritic crushed 2-5 mm faults at 35 deg.											
		492.0-507.3											
		Strongly deformed drag-folded mudstone and siltstones, foliation at 0-60 deg, avg 40											
		deg, chloritic cleavage at 40 deg with trace pyrite.											
		507.3-529.0											
		Strongly deformed drag-folded chloritic mudstone, siltstones and sericitic fine grained											
		greywacke, foliation at 0-60 deg, avg 30 deg, 5-15%, 1-30 cm wide, white drag-folded											
		boudinaged barren quartz+-ankerite veining.											
		529.0-565.7											
		Grey dark grey and yellow deformed brecciated chloritic mudstones, siltstones and											
		sericitic greywacke, folded at 20-40 deg, avg 30 deg, decrease in quartz veining, more											
		brecciated than drag-folded, stronger ankerite alteration.											
		544.3-544.4 and 549.70-549.75											
		Chloritic breccia faults with gouge at 30 deg.											
		565.7-569.4											
		Yellow grey massive, ankeritic, weakly sericitic medium to coarse pebbly greywacke,											
		upper contact at 50 deg, lower contact at 20 deg, coarser grained with depth suggesting											
		stratigraphic tops in the up hole direction.											
		569.4-581.8											
		Yellow grey to grey to dark grey ankeritic interbedded siltstones and mudstones, strongly											
		deformed and drag-folded at 20-40 deg, 0.2-5 mm faults at 25-30 deg, 1-3%, 1-3 cm											
		white drag-folded boudinaged barren quartz+-ankerite veining.											
		577.15-577.30											
		Chloritic fault at 30 deg with 10% irregular white quartz veining.											
581.80	**598.70**	Sericitic Greywacke											
		Straw yellow and grey ankeritic sericitic medium grained altered greywacke with grey 0.5											
		20 cm wide grey unaltered bands at 40-50 deg, sharp upper contact at 35 deg, <1%, 1-5											
		cm white grey quartz+-ankerite veining at 30-80 deg.	69495	585.60	586.60	1.00	<.03			2			
		586.95-587.05	69496	586.60	587.60	1.00	<.03			10	tr		
		White to grey irregular quartz vein at 80-30 deg with trace pyrite.	69497	587.60	588.60	1.00	<.03						
		596.8-597.3											
		Sericitic greywacke with 15%, 1-2 cm wide white boudinaged quartz+-ankerite veining at	69498	595.80	596.80	1.00	<.03						
		30 deg with trace pyrite along vein contacts, one vein has 3 mm angular chalcopyrite	69499	596.80	597.30	0.50	<.03			15	tr		
		bleb.	69500	597.30	598.60	1.30	<.03			2			
			69501	598.60	599.70	1.10	<.03			3	tr		

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
598.70	600.60	Sericitic Conglomerate	69502	599.70	600.60	0.90	<.03			1	tr		
		Straw yellow and grey ankeritic sericitic clast-supported conglomerate with 1% 1-2 cm	69503	600.60	601.50	0.90	<.03						
		white quartz+-ankerite veining parallel to foliation at 30 deg, trace pyrite along vein											
		contacts											
600.60	608.30	Sericitic Chloritic Mudstone Siltstone and Greywacke											
		Olive green yellow beige and light grey ankeritic interbedded deformed chloritic sericitic											
		mudstones siltstones and sericitic greywacke, strongly deformed drag-folded to											
		brecciated at 20-30 deg, <1% quartz veining, RQD 10%.											
608.30	620.70	Sericitic Greywacke and Mudstones											
		yellow beige to light grey ankeritic interbedded sericitic fine to medium grained											
		greywacke and sericitic mudstones, moderately deformed at 25-35 deg, RQD 40%.											
620.70	621.50	Fault Breccia											
		Green yellow grey sericitic fault breccia zone at 30 deg.											
621.50	630.40	Sericitic Mudstone Siltstone and Greywacke	69504	625.80	626.80	1.00	<.03			2			
		Olive green dark grey and yellow beige strongly ankeritic strongly deformed and drag-	69505	626.80	627.80	1.00	<.03			5			
		folded brecciated sericitic chloritic mudstones and siltstones and sericitic fine grained	69506	627.80	628.70	0.90	<.03			2			
		greywacke 5%, 1-3 cm white boudinaged drag-folded quartz+-ankerite veining parallel to	69507	628.70	629.60	0.90	<.03			1			
		foliation at 20-35 deg, RQD 30%.	69508	629.60	630.50	0.90	<.03			2			
630.40	636.70	Sericitic Greywacke	69509	633.70	634.70	1.00	<.03			2	tr		
		Yellow light grey to dark blue grey strongly ankeritic sericitic altered fine to medium	69510	634.70	635.70	1.00	<.03				tr		
		grained greywacke with 1-25 cm wide blue grey harder non sericitic bands at 30-50 deg	69511	635.70	636.70	1.00	<.03				tr		
		with trace pyrite, RQD 80%.	69512	636.70	637.80	1.10	<.03				tr		
			69513	637.80	638.50	0.70	<.03			80	1		
636.70	641.60	Quartz Carbonate Vein Zone	69514	638.50	639.10	0.60	<.03			40	tr		
		Yellow ankeritic sericitic altered greywacke weakly foliated at 40 deg intruded by 20%,	69515	639.10	640.40	1.30	<.03			80	tr		
		0.5-80 cm wide white quartz veins with ankeritic crystalline margins and +- chlorite, vein	69516	640.40	641.60	1.20	<.03			3	tr		
		at 5-15 to 30 deg to right angles to foliation, upper contact marked by 1 cm sericitic fault	69517	641.60	642.60	1.00	<.03						
		at 30 deg, lower contact define by last quartz-chlorite-ankerite vein.											
			69518	648.20	649.10	0.90	<.03				0.5		
641.60	668.80	Sericitic Greywacke and Conglomerate	69519	649.10	650.00	0.90	<.03				0.5		
		Yellow beige to light grey ankeritic sericitic altered fine to medium grained greywacke											
		with 1-2 m clast-supported conglomerate beds, weakly foliated/bedded at 40 deg, trace	69520	655.70	656.70	1.00	<.03				tr		
		to 1% finely disseminated pyrite in conglomerate unit matrix and 1-10 cm wide dark blue	69521	656.70	657.80	1.10	<.03				0.5		
		grey siliceous altered bands at 30-50 deg with 5-10%, 1-10 mm irregular ankerite	69522	657.80	658.90	1.10	<.03				tr		
		veining.	69523	658.90	659.50	0.60	<.03			1	tr		
			69524	659.50	660.60	1.10	<.03			10	1		
668.80	674.00	Quartz Carbonate Vein Zone	69525	660.60	661.70	1.10	<.03			10	1		
		668.8-669.8	69526	661.70	662.70	1.00	<.03			3	0.5		
		Sericitic ankeritic greywacke, weakly foliated at 30 deg, upper contact marked by 20 cm											
		dark silicified zone at 40 deg with 2% finely disseminated pyrite and 10% quartz-ankerite	69527	667.80	668.80	1.00	<.03						
		veining.	69528	668.80	669.80	1.00	<.03			3	1		

DESCRIPTION : Hole No. PW10_10

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		669.8-670.15	69529	669.80	670.80	1.00	**1.23**	**1.44**	**1.34**	10	3		
		Grey to pink beige silica flooded zone in altered greywacke or felsite (?) at 30 deg with	69530	Blank			<.03						
		10%, 1-2 mm grey quartz veining and 5% finely disseminated pyrite.	69531	Au std # 6			2.61						
		670.15-674.00	69532	670.80	671.90	1.10	<.03			80	tr		
		Light pink beige silicified albitized brecciated aphanitic altered felsite (?) with 25%, 3-50	69533	671.90	673.00	1.10	0.69			40	2		
		cm irregular white brecciated quartz-ankerite veining with 20%, 1-5 cm angular pink	69534	673.00	674.00	1.00	0.07			3	tr		
		beige altered wallrock inclusions, weakly chloritic fractured at 20 deg, 0.5-1% finely	69535	674.00	675.00	1.00	<.03			1	2		
		disseminated pyrite and trace chalcopyrite along chloritic fractures.	69536	675.00	676.00	1.00	<.03			1	0.5		
			69537	676.00	677.00	1.00	<.03			3	tr		
674.00	**680.30**	Carbonate Zone / Altered Felsite	69538	677.00	678.00	1.00	<.03			10	tr		
		674.0-677.0	69539	678.00	679.00	1.00	<.03			10	tr		
		Dark green to pink beige ankeritic chloritic silicified altered felsic rock of uncertain origin ,	69540	679.00	679.90	0.90	<.03			10	tr		
		weakly fractured at 20-50 deg, trace to 2% finely disseminated pyrite.	69541	679.90	680.70	0.80	<.03			10	3		
		677.0-680.30	69542	680.70	681.80	1.10	<.03			5	tr		
		Light pink beige ankeritic silicified brecciated altered aphanitic rock of uncertain origin	69543	681.80	682.80	1.00	<.03			3	tr		
		felsite or quartz porphyry or altered tuff with 10-15% beige white ankerite-sericite breccia	69544	682.80	683.80	1.00	<.03			5	tr		
		matrix and "veining" at 40 deg, trace pyrite in ankeritic breccia matrix, upper contact	69545	683.80	684.80	1.00	<.03			1			
		gradational, lower contact marked by 20 cm wide drag-folded 30% quartz-ankerite	69546	684.80	685.80	1.00	<.03			2	tr		
		veining in silicified sericitic altered felsite with 5% finely disseminated pyrite.	69547	685.80	686.80	1.00	<.03			10	tr		
			69548	686.80	687.80	1.00	<.03			10	tr		
680.30	**685.80**	Altered Felsite	69549	687.80	688.80	1.00	<.03			15	tr		
		Light grey cream beige ankeritic sericitic altered felsite with 2%, 1 mm rounded quartz	69550	688.80	689.80	1.00	<.03			10	tr		
		eyes, 5% dark green chloritic grains and 2% 1 mm emerald green altered fuschitic grains	69551	689.80	690.80	1.00	<.03			5	tr		
		in a medium grained sericitic altered felsic matrix, 1-3 mm light beige shard-shaped	69552	690.80	691.80	1.00	0.07			10	tr		
		fragments or leucoxene alteration over lower 60 cm to diffuse lower contact, light grey 3-	69553	691.80	692.90	1.10	<.03			5	tr		
		5 cm wide altered bands at 40 deg with 2% finely disseminated pyrite over 30 cm at	69554	692.90	693.70	0.80	<.03			10	tr		
		upper contact, 3%, 1-5 mm beige white ankerite veining/alteration at 40-50 deg.	69555	693.70	694.80	1.10	<.03			15			
			69556	694.80	695.80	1.00	<.03			15			
			69557	695.80	696.80	1.00	<.03			15			
685.80	**693.70**	Carbonate Zone / Altered Felsite	69558	696.80	697.80	1.00	<.03			10			
		685.8-689.8	69559	697.80	698.80	1.00	<.03			20			
		Light pink beige ankeritic albitized carbonated brecciated altered felsite, quartz porphyry	69560	698.80	699.90	1.10	<.03			10			
		or felsic tuff or sediment (?) with 10-15% ankerite breccia matrix and 1-3 mm veins at 50	69561	699.90	700.90	1.00	<.03			5			
		deg, trace pyrite, gradational contacts.	69562	700.90	701.90	1.00	<.03			5			
		689.8-693.7	69563	701.90	702.90	1.00	<.03			20			
		Red orange red green beige strongly magnetic with 3% finely disseminate magnetite,	69564	702.90	703.90	1.00	<.03			2			
		ankeritic albitized silicified brecciated carbonated altered felsite or (?), 1-3%	69565	703.90	704.90	1.00	<.03			5			
		disseminated pink beige leucoxene, more chloritic towards gradational lower contact	69566	704.90	705.80	0.90	<.03			20			
		defined by loss of magnetics, 1-3%, 1-5 mm irregular ankerite+-quartz veining, trace											
		pyrite in chloritic sericitic fractures at 40-60 deg.											
693.70	**735.10**	Trachyte Tuff											
		693.7-705.8											
		Dark green grey to grey green nonmagnetic to weakly magnetic strongly ankeritic mafic											
		trachyte tuff, rock appears to have a fragmental tuffaceous texture, 5-10%, 1-3 cm off											
		white ankerite+ quartz veining at 50-70 deg, avg 60 deg, trace pyrite.											

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		705.8-716.2											
		Green grey ankeritic chloritic altered mafic trachyte tuff to trachyte, 1-2%, 1-5 cm ankerite+-quartz veining at 60 deg, trace pyrite.											
		716.2-718.85	69567	716.20	717.20	1.00	<.03			3	1		
		Light grey ankeritic weakly sericitic bleached trachyte tuff with 1% finely disseminated	69568	717.20	718.20	1.00	<.03			5	1		
		pyrite, gradational upper contact, lower contact by 70 cm wide zone with 15% 1-2 cm	69569	718.20	718.90	0.70	<.03			15	1		
		wide, drag-folded ankerite+-quartz veining at 30 deg in beige sericitic alteration, sharp											
		lower contact at 30 deg.											
		718.85-721.4											
		Grey ankeritic trachyte tuff, <1% ankerite veining.											
		721.3-727.65	69570	721.30	722.30	1.00	<.03			15	tr		
		Light grey ankeritic weakly sericitic altered trachyte tuff 10-25%, 1-20 cm wide ankerite-	69571	722.30	723.40	1.10	<.03			35	0.5		
		quartz veining parallel to weak foliation at 30-40-60 deg, weakly drag-folded, 1% finely	69572	723.40	724.40	1.00	<.03			25	0.5		
		disseminated pyrite in altered tuff.	69573	724.40	725.50	1.10	<.03			3	tr		
		727.65-735.1	69574	725.50	726.60	1.10	<.03			10	tr		
		Green grey to grey green strongly magnetic calcitic mafic trachyte tuff to trachyte, 5-10%	69575	726.60	727.70	1.10	0.07			30	1		
		pink white calcite veining, gash veins and lenses.											
735.10	**765.10**	Trachyte											
		735.1-747.7											
		Dark green strongly magnetic calcitic to ankeritic chloritic altered mafic trachyte, core											
		appears to lose its tuffaceous texture at 735.1 m ?, 3%, 1-10 cm pink white calcite											
		veining at 5-15 deg.											
		736.8-740.6	69576	736.80	737.80	1.00	<.03			3	tr		
		Dark red and dark green strongly magnetic brecciated hematitic altered trachyte with	69577	737.80	738.50	0.70	<.03			2			
		20% chloritic breccia matrix and 3-5% magnetite, 3-5% calcite-quartz gash veins and											
		lenses, trace pyrite.											
		738.5-739.8											
		Ground core 5% recovery according to driller's blocks?											
		747.7-749.4	69578	747.70	748.40	0.70	<.03			40			
		Dark green to dark red hematitic chloritic weakly magnetic altered mafic trachyte with	69579	748.40	749.40	1.00	<.03			40			
		40%, 5-15 cm white to light grey irregular quartz veining with ankerite margins.											
		749.4-762.6											
		Dark green to reddish green weakly magnetic ankeritic fine to medium grained mafic											
		trachyte(?) <1% grey white quartz lenses and veins.											
		762.6-765.1											
		Green to light grey nonmagnetic ankeritic weakly bleached brecciated zone with 20-30%											
		light grey to white quartz ankerite vein fragments and lenses at 20-40 deg, trace to 1%											
		disseminated pyrite, gradational upper contact, sharp lower contact at 30 deg marked by											
		chloritic fault slip.											
765.10	**798.55**	Altered Trachyte Tuff	69580	762.60	763.60	1.00	<.03			25	1		
		Grey green nonmagnetic ankeritic very weakly sericitic altered mafic trachyte tuff with 3-	69581	763.60	764.40	0.80	<.03			20	2		
		5%, 1-2 mm greenish white sericitic altered augite phenocrysts in a soft chloritic medium	69582	764.40	765.10	0.70	<.03			25	1		
		grained tuffaceous matrix, massive to very weakly foliated at 50 deg, fine dusting of fine	69583	765.10	766.00	0.90	0.14			2	1		
		grained pyrite and trace to 2% medium grained disseminated pyrite cubes, 1-15%, 0.1-	69584	766.00	767.00	1.00	<.03			2	2		
		15 cm wide white ankerite-quartz+-chlorite irregular veins and lenses.	69585	767.00	768.00	1.00	<.03			5	1		
			69586	768.00	769.00	1.00	<.03			2	1		

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		788.0-798.55	69587	769.00	770.00	1.00	<.03			3	2		
		Grey green and light grey beige, increased sericitic alteration quartz-ankerite veining to	69588	770.00	771.00	1.00	<.03			1	tr		
		15% and pyrite up to 3% along margins of veining and trace pyrite in veins, poorly	69589	771.00	772.00	1.00	<.03				tr		
		defined lower contact at 50 deg.	69590	772.00	773.00	1.00	<.03			5	1		
			69591	773.00	774.00	1.00	<.03			3	1		
798.55	843.10	Trachyte Breccia	69592	774.00	775.00	1.00	<.03			10	1		
		798.55-837.8	69593	775.00	776.00	1.00	<.03			20	2		
		Green grey to green nonmagnetic, weakly sericitic chloritic altered weakly brecciated fine	69594	776.00	777.00	1.00	<.03			5	2		
		grained mafic to intermediate trachyte (?) or intermediate intrusive, trace to locally 1%	69595	777.00	778.00	1.00	<.03			5	1		
		disseminated pyrite in chloritic fractures, 1-2% white calcite gash veining, calcitic to 824	69596	778.00	779.00	1.00	<.03			10	2		
		m and then ankeritic with 2-10 cm quartz-ankerite+-calcite veining at 20-40 deg, locally	69597	779.00	780.00	1.00	<.03			10	1		
		light beige and moderately sericitic altered with 1% disseminated pyrite.	69598	780.00	781.00	1.00	<.03			2	3		
		799.2-799.5	69599	Blank			<.03						
		Red grey white irregular 2-5 cm quartz-ankerite-calcite veining with hematitic altered	69600	Au std # 6			2.61						
		wallrocks, one 10 mm angular chalcopyrite bleb in quartz vein.	69601	781.00	782.00	1.00	<.03			5	2		
		832.9-833.8	69602	782.00	783.00	1.00	<.03			3	2		
		Light beige sericitic altered section with 1% pyrite, weakly chloritic sericitic fractured at	69603	783.00	784.00	1.00	<.03			1	tr		
		40-50 deg.	69604	784.00	785.00	1.00	<.03			3	0.5		
		837.8-843.1	69605	785.00	786.00	1.00	<.03			5	2		
		Beige grey to green grey ankeritic weakly sericitic altered tuff with 40%, 1-50 cm wide	69606	786.00	787.00	1.00	<.03			3	0.5		
		grey quartz-white ankerite veining at 30-90 deg, 1% finely disseminated pyrite in sericitic	69607	787.00	788.00	1.00	0.27			1	tr		
		tuff.	69608	788.00	789.00	1.00	<.03			15	1		
			69609	789.00	790.00	1.00	<.03			10	2		
843.10	922.15	Trachyte Tuff	69610	790.00	791.00	1.00	<.03			10	2		
		843.1-855.2	69611	791.00	792.00	1.00	<.03			20	3		
		Grey green nonmagnetic ankeritic very weakly sericitic altered mafic trachyte tuff with 3-	69612	792.00	793.00	1.00	<.03			10	3		
		5%, 1-2 mm greenish white sericitic altered augite phenocrysts in a soft chloritic medium	69613	793.00	794.00	1.00	<.03			5	3		
		grained tuffaceous matrix, massive to very weakly foliated at 30-40 deg, fine dusting of	69614	794.00	795.00	1.00	<.03			10	5		
		fine grained pyrite and trace to 2% medium grained disseminated pyrite cubes, 1-5%,	69615	795.00	796.20	1.20	0.27			1	1		
		0.1-3 cm wide white ankerite-quartz+-chlorite irregular veins and lenses, sharp upper	69616	796.20	797.40	1.20	0.14			10	2		
		contact at 30 deg.	69617	797.40	798.60	1.20	0.07			3	1		
		853.85-855.0	69618	798.60	799.50	0.90	0.21			20			
		Ground core 80 cm missing core.	69619	799.50	800.50	1.00	0.27			3	tr		
		855.2-886.7	69620	800.50	801.50	1.00	<.03			10	1		
		Light beige grey to green grey weakly sericitic zone with 20% white to light grey drag-											
		folded boudinaged quartz-ankerite veining parallel to moderate foliation at 30 deg, 2%											
		finely disseminated pyrite in tuff and along vein contacts.											
		886.7-871.8	69621	832.90	833.90	1.00	0.34			2	1		
		Light grey to grey beige ankeritic weakly to moderately sericitic altered felsic to											
		intermediate tuff as above, weakly foliated at 30 deg, 1-3 cm wide drag-folded quartz											
		ankerite and 1-2% disseminated pyrite over widths of 0.2-1 m, trace 1-10 mm emerald											
		green fuchsite altered grains in tuff and some ankerite veins.											
		871.8-883.3	69622	837.80	838.70	0.90	<.03			50			
		Light grey to beige to green grey weakly ankeritic calcitic weakly chloritic altered tuff	69623	838.70	839.80	1.10	<.03			5	1		
		weakly foliated at 40 deg, 5-15%, 1-3 cm wide drag-folded boudinaged fragmented	69624	839.80	840.80	1.00	<.03			10	1		
		ankerite-quartz-calcite veining trace to 3% disseminated pyrite in more sericitic altered	69625	840.80	841.90	1.10	<.03			60	tr		
		section over 0.2-2 m widths, trace pyrite in calcite veining.	69626	841.90	843.10	1.20	0.07			50	tr		

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		883.3-900.1	69627	843.10	844.00	0.90	<.03			5	1		
		Dark grey green calcitic moderately chloritic altered tuff, very weakly brecciated by	69628	844.00	845.00	1.00	<.03			2	tr		
		hairline sericite-chlorite fracture, very weakly foliated at 50 deg, 3-5%, patchy silicification	69629	845.00	846.00	1.00	<.03			3	1		
		over 10-30 cm with an increase in pyrite mineralization, 0.1-2 cm white quartz-calcite	69630	846.00	847.00	1.00	<.03			3	tr		
		veins lenses and fragments 1-5% fine to medium grained disseminated pyrite, sharp	69631	847.00	848.00	1.00	<.03			2	tr		
		upper contact at 40 deg marked by 2 cm chloritic "vein".	69632	848.00	849.00	1.00	<.03			5	0.5		
		900.1-908.1	69633	Blank			<.03						
		Dark grey to grey to brown beige sericitic altered over 2 m, weakly ankeritic, calcitic	69634	Au std # 6			2.47						
		fractured silicified finely brecciated altered "tuff", 3-5%, 0.1-1.5 cm white lensey quartz-											
		calcite irregular veining, gradational upper contact defined by silicification, sharp lower	69635	853.70	855.20	1.50	<.03			5		50% recovery	
		contact at 60 deg marked by chloritic sericitic fault slip, 1-2% finely disseminated fine to	69636	855.20	855.90	0.70	<.03			25	2		
		medium grained pyrite.	69637	855.90	856.70	0.80	<.03			15	1		
		908.1-915.0	69638	856.70	857.70	1.00	<.03			2	tr		
		Dark green grey to red grey calcitic hard silicified finely chloritic brecciated altered tuff 1-	69639	857.70	858.80	1.10	<.03			1	tr		
		2% irregular calcite veins and lenses trace pyrite.	69640	858.80	859.90	1.10	<.03			2	tr		
		915.0-921.0	69641	859.90	861.00	1.10	<.03			10	0.5		
		Grey to light grey ankeritic chloritic carbonate bleached silicified ankeritic brecciated	69642	861.00	862.00	1.00	<.03			5	0.5		
		altered tuff, silicification increases with depth, weakly chloritic fractured at 30-40 deg, 3-	69643	862.00	863.00	1.00	<.03			5	1		
		5% ankerite vein breccia matrix, 0.5-1% finely disseminated pyrite.	69644	863.00	864.00	1.00	<.03			2	1		
		921.0-922.15	69645	864.00	865.00	1.00	<.03			2	2		
		Pink beige peach white strongly silicified ankerite brecciated alerted roc with 20%	69646	865.00	866.00	1.00	<.03			3	1		
		ankerite vein breccia matrix, 0.5% finely disseminated fine grained pyrite, blue grey moly	69647	866.00	867.00	1.00	<.03			1	2		
		chlorite slip at 70 deg at 920.7 m.	69648	867.00	868.00	1.00	<.03			2	0.5		
			69649	868.00	869.20	1.20	<.03			3	0.5		
922.15	**923.50**	Fault Breccia Zone	69650	869.20	870.50	1.30	<.03			5	1		
		922.15-923.1	69651	870.50	871.80	1.30	<.03				tr		
		Light peach pink to light greenish beige fault breccia with faults 1-5 cm wide at 20-70	69652	871.80	872.90	1.10	<.03			3	0.5		
		deg, 15% ankerite vein breccia matrix, trace to 0.5% pyrite.	69653	872.90	874.00	1.10	<.03			3	2		
		923.1-923.5	69654	874.00	875.00	1.00	<.03			5	2		
		Badly broken core strongly brecciated ankerite fault breccia, lower contact broken but	69655	875.00	876.00	1.00	<.03			2	1		
		there is 5 cm of unconsolidated mud gouge? at lower contact, upper contact at 70 deg.	69656	876.00	877.00	1.00	<.03			3	2		
			69657	877.00	878.00	1.00	<.03			10	5		
			69658	878.00	879.00	1.00	<.03			5	2		
			69659	879.00	880.20	1.20	<.03			3	1		
			69660	880.20	881.40	1.20	<.03			5	2		
			69661	881.40	882.40	1.00	<.03			1	0.5		
			69662	882.40	883.40	1.00	<.03			2	tr		
			69663	883.40	884.20	0.80	<.03			3	tr		
			69664	884.20	885.10	0.90	<.03			5	0.5		
			69665	885.10	886.00	0.90	<.03			3	1		
			69666	886.00	887.00	1.00	<.03			20	5		
			69667	887.00	888.00	1.00	<.03			10	2		
			69668	888.00	889.00	1.00	<.03			2	0.5		
			69669	889.00	890.00	1.00	<.03			3	1		
			69670	890.00	891.00	1.00	<.03			5	1		
			69671	891.00	892.00	1.00	<.03			1	tr		
			69672	892.00	893.00	1.00	<.03			3	1		
			69673	893.00	894.00	1.00	<.03			2	1		
			69674	894.00	895.00	1.00	<.03			5	1		

DESCRIPTION : Hole No. PW10_10															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
			69675	895.00	896.00	1.00	<.03			5	1		
			69676	896.00	897.00	1.00	<.03			5	2		
			69677	897.00	898.00	1.00	<.03			1	tr		
			69678	898.00	899.00	1.00	<.03			3	tr		
			69679	899.00	900.10	1.10	<.03			2	tr		
			69680	900.10	901.10	1.00	0.07			3	0.5		
			69681	901.10	902.10	1.00	<.03			3	2		
			69682	902.10	903.10	1.00	<.03			3	2		
			69683	903.10	904.10	1.00	<.03			5	1		
			69684	904.10	905.10	1.00	<.03			10	1		
			69685	905.10	906.10	1.00	<.03			10	2		
			69686	906.10	907.10	1.00	<.03			10	2		
			69687	907.10	908.10	1.00	<.03			10	3		
			69688	908.10	909.00	0.90	<.03			3	tr		
			69689	909.00	910.00	1.00	<.03			5	0.5		
			69690	910.00	911.00	1.00	<.03			2	0.5		
			69691	911.00	912.00	1.00	<.03			2	tr		
			69692	912.00	913.00	1.00	<.03			1			
			69693	913.00	914.00	1.00	<.03			1	tr		
			69694	914.00	915.00	1.00	<.03			2			
			69695	915.00	916.00	1.00	<.03			2			
			69696	916.00	917.00	1.00	<.03			2	tr		
			69697	917.00	918.00	1.00	<.03			5	tr		
			69698	918.00	919.00	1.00	<.03			5	tr		
			69699	Blank			<.03						
			69700	Au std # 6			2.61						
			69701	919.00	920.00	1.00	<.03			10	1		
			69702	920.00	921.00	1.00	<.03			5	tr		
			69703	921.00	922.20	1.20	<.03			25	0.5		
			69704	922.20	923.10	0.90	<.03			20	0.5		
			69705	923.10	923.50	0.40	<.03			5	tr		
923.50	**941.60**	Trachyte Tuff Breccia	69706	923.50	924.50	1.00	<.03			5	tr		
		923.2-937.8	69707	924.50	925.50	1.00	<.03			5	tr		
		Dark grey green magnetic chloritic brecciated altered tuff and brown tan beige sericitic	69708	925.50	926.60	1.10	<.03			5	tr		
		weakly magnetic brecciated altered tuff as above, patchy 10-30 cm wide silicification and	69709	926.60	927.60	1.00	<.03			5	tr		
		sericitic alteration with 1% disseminated pyrite, 1% 1-3 mm ankerite veining at 30-70	69710	927.60	928.60	1.00	<.03			3	0.5		
		deg, 1% quartz-calcite vein gashes and fragments, trace 1% pyrite.	69711	928.60	929.60	1.00	<.03			5	2		
		937.8-941.6	69712	929.60	930.60	1.00	<.03			1	tr		
		Beige grey nonmagnetic weakly ankeritic silicified and sericitic altered finely brecciated	69713	930.60	931.80	1.20	<.03			3	tr		
		tuff with 8%, 0.2-2 cm white irregular ankerite-quartz clots fragments and lenses, 3-5%	69714	931.80	932.80	1.00	<.03			5	0.5		
		finely disseminated fine grained pyrite and 1-2 % medium grained, beige sericite-chlorite	69715	932.80	933.80	1.00	<.03			1	tr		
		threads outlining breccia fragments, sharp upper contact at 50 deg marked by 1 cm	69716	933.80	934.80	1.00	<.03			2	1		
		ankerite vein, sharp lower contact at 30 deg with 3% sericitic leucoxene over 15 cm.	69717	934.80	935.80	1.00	<.03			1	tr		
			69718	935.80	936.80	1.00	<.03			1	tr		
			69719	936.80	937.80	1.00	<.03			2	0.5		
941.60	**1021.10**	Trachyte Tuff to Tuffaceous Greywacke to Greywacke	69720	937.80	938.80	1.00	<.03			10	1		
		941.6-954.6	69721	938.80	939.80	1.00	<.03			5	1		
		Dark green grey to green weakly magnetic calcitic chloritic altered mafic trachyte tuff to	69722	939.80	940.80	1.00	<.03			3	2		
		tuffaceous greywacke with poorly defined quartz grains in a tuffaceous matrix similar to	69723	940.80	941.60	0.80	<.03			1	2		

DESCRIPTION : Hole No. PW10_10													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		tuff units above, 1-2% ankerite-quartz veins and lenses, trace disseminated pyrite in chloritic fractures, locally 0.3 mm white disseminated calcite.	69724	941.60	942.70	1.10	<.03			2	1		
		954.6-958.2	69725	954.60	955.60	1.00	<.03			5	tr		
		Beige grey to grey ankeritic nonmagnetic weakly sericitic altered zone with gradational	69726	955.60	956.60	1.00	<.03			10	0.5		
		contacts and 1-20% irregular quartz-ankerite veins clots and fragments and 0.5-2%	69727	Blank			<.03						
		disseminated pyrite with gradational contacts, zone centered on a stronger sericitic	69728	Au std # 6			2.47						
		altered zone from 956.6-957.3 with 20% ankerite-quartz veining parallel to weak foliation	69729	956.60	957.30	0.70	<.03			20	2		
		at 30-50 deg and 2% finely disseminated pyrite, 5-10 cm wide bleached fine grained	69730	957.30	958.20	0.90	<.03			5	0.5		
		958.2-984.2	69731	958.20	959.20	1.00	<.03			3	tr		
		Grey to grey green weakly magnetic, weakly ankeritic calcitic chloritic altered fine to											
		medium to coarse grained tuffaceous greywacke, massive to bedded 10-20 cm wide fine											
		to coarse grained horizons at 30 deg, 1-3 cm white ankerite-quartz irregular clots veins											
		lenses, very weak foliation at 30-40 deg, trace disseminated pyrite.											
		984.2-995.0	69732	983.20	984.20	1.00	<.03			1			
		Beige brown grey nonmagnetic very weakly ankeritic, calcitic, weakly sericitic silicified	69733	984.20	985.00	0.80	<.03			2	1		
		altered medium grained mafic trachyte tuff with 1 mm x 2 mm amphibole/leucoxene	69734	985.00	986.00	1.00	<.03			10	2		
		laths, 2-10%, 1-10 mm wide white calcite-quartz veins and lenses at 10-70 deg, 5%	69735	986.00	987.00	1.00	<.03			2	2		
		finely disseminated pyrite in sericitic-chloritic gangue, 1% coarse cube pyrite, sharp	69736	987.00	988.00	1.00	<.03			3	2		
		alteration front contacts at 70 deg.	69737	988.00	989.00	1.00	<.03			5	3		
		994.0-1016.2	69738	989.00	990.00	1.00	<.03			2	5		
		Grey to green grey nonmagnetic calcitic, weakly chloritic fine to medium grained mafic	69739	990.00	991.00	1.00	<.03			5	5		
		trachyte tuff, massive to weakly foliated at 55 deg, 1-3% irregular calcite+-quartz veins	69740	991.00	992.00	1.00	<.03			8	5		
		and lenses, trace to 1% finely disseminated pyrite.	69741	992.00	993.00	1.00	<.03			5	3		
		1016.2-1021.1	69742	993.00	994.00	1.00	<.03			10	5		
		Grey calcitic very weakly sericitic altered mafic trachyte tuff with light beige to green	69743	994.00	995.00	1.00	<.03			10	5		
		leucoxene / amphibole lath-shaped crystals, 1% finely disseminated pyrite.	69744	995.00	996.00	1.00	<.03			2	0.5		
	1021.10	EOH	69745	1016.20	1017.10	0.90	<.03			1	0.5		
		Casing left in hole. Driller's last block 1023. At 720 m the drillers counted the rods and	69746	1017.10	1018.10	1.00	<.03			3	1		
		reported a 6 metre discrepancy however measurements and blocks indicate only a 3 m	69747	1018.10	1019.10	1.00	<.03			5	1		
		error which was found at 555 m with no 558 block?? 3 m core may be cumulative	69748	1019.10	1020.10	1.00	<.03			1	0.5		
		unreported ground core in the soft sericitic mudstone units??	69749	Blank			<.03						
			69750	Au std # 6			2.61						

PROPERTY: Pawnee			HOLE NUMBER: PW10_11					
Province:	Ontario	**DATE LOGGED:** June 9-17, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**			0	3	-70.0
Started:	8-Jun-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	579018	REFLEX	30	6.8	-69.8
Completed:	16-Jun-10	**UNITS:** Metres	**UTM N:**	5333030		90	8.2	-69.7
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV:**	355		150	6.5	-69.4
			Length:	817.2		210	7.1	-69.6
						330	10.9	-69.6
PURPOSE:	To test stratigraphy and structures east of the Long Lake Fault and the Pawnee underground workings.					330	10.9	-69.6
						390	13.8	-69.4
COMMENTS:	Sample # 69751-69901 and 77001-77028, 173 half core samples, 3 gold standard samples and 3 blank samples were assayed for Au g/t by Polymet Lab. RQD > 75% unless noted					450	11.9	-69.4
						510	10.9	-68.7
						570	9.8	-68.5
						630	11.0	-68.3
						690	12.8	-68.0
						750	12.5	-67.8
						810	16.1	-67.7
						819	13.9	-67.2

SUMMARY LOG: PW10_11			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**2.70**	OVB				Average		
2.70	**9.20**	Sericitic Conglomerate and Mudstone						
9.20	**32.00**	Chloritic Conglomerate and Mudstone						
32.00	**189.20**	Lapilli Tuff						
189.20	**207.00**	Quartz Carbonate Vein Zone						
207.00	**214.70**	Sericitic Greywacke						
214.70	**247.70**	Trachyte Breccia / Agglomerate						
247.70	**294.50**	Trachyte Tuff						
294.50	**314.35**	Trachyte	**309.6**	**310.0**	**0.4**	**12.7**		
314.35	**316.00**	Shear Zone Fault Zone						
316.00	**333.60**	Altered Trachyte	**314.3**	**316.1**	**1.8**	**4.5**		
333.60	**360.50**	Trachyte						
360.50	**362.20**	Fault Zone	338.7	339.8	1.1	1.7		
362.20	**376.00**	Trachyte						
376.00	**396.00**	Quartz Carbonate Vein Zone	377.2	383.3	6.1	1.6		
396.00	**638.90**	Trachyte						
638.90	**672.00**	Lucite Trachyte	405.0	406.7	1.7	2.6		
672.00	**679.40**	Altered Trachyte						
679.40	**701.30**	Trachyte	**437.4**	**440.1**	**2.7**	**5.3**		
701.30	**729.30**	Lucite Trachyte	**incl**					
729.30	**744.30**	Altered Mineralized Zone	**439.1**	**440.1**	**1.0**	**10.1**		
744.30	**745.20**	Fault Zone						
745.20	**759.00**	Altered Trachyte	**621.8**	**622.3**	**0.5**	**14.2**		
759.00	**817.20**	Lucite Trachyte						
	817.20	EOH						

DESCRIPTION : Hole No. PW10_11

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	2.70	OVB											
2.70	9.20	Sericitic Conglomerate and Mudstone											
		Light grey to beige to grey ankeritic nonmagnetic sericitic altered polymictic											
		conglomerate with 50-80 cm thick finely bedded mudstone horizons at 39 deg,											
		moderately foliated at 30 deg, gradational lower contact as sericite alteration decreases											
		in intensity.											
9.20	32.00	Chloritic Conglomerate and Mudstone											
		Grey weakly magnetic ankeritic deformed chloritic altered clast-supported polymictic											
		conglomerate with 0.5-3 cm stretched sediments tuff volcanic and felsic to mafic											
		intrusive clasts in a chloritic fine grained greywacke matrix, 5-15 cm thick green finely											
		bedded mudstone horizons, moderately foliated at 25-30 deg, more magnetic towards											
		lower contact.											
32.00	189.20	Lapilli Tuff											
		32.0-50.0											
		Light grey magnetic, ankeritic weakly sericitic lapilli tuff with stretched felsic to											
		intermediate clasts in tuffaceous matrix, moderately foliated at 20-25 deg.											
		50.0-65.0											
		Green grey weakly magnetic ankeritic chloritic altered lapilli tuff with grey fine grained											
		trachyte and tuff clasts, moderately foliated at 20-25 deg, 1-2%, 1-2 cm ankerite+-quartz											
		veining parallel to foliation, contacts defined by alteration.											
		65.0-84.0											
		Grey and dark green magnetic ankeritic calcitic lapilli tuff to coarse grained tuff with 5%,											
		1-2 cm dark green chloritic mafic clasts, moderately foliated at 20-25 deg.											
		84.0-108.0											
		Dark green to grey magnetic ankeritic lapilli tuff with 10-15%, pink to white fine grained 1											
		2.5 cm subrounded to subangular trachyte/syenite clasts and 10-25% grey to green											
		medium to coarse grained stretched mafic trachyte tuff clasts in a medium to coarse											
		grained chloritic ankeritic mafic tuffaceous matrix, no quartz or intrusive clasts,											
		moderately foliated at 20-30 deg.											
		108.0-189.2	69751	183.00	184.00	1.00	<.03				tr		
		Green grey and beige, strongly magnetic, ankeritic lapilli tuff composed of trachyte flow	69752	184.00	185.00	1.00	<.03				tr		
		and coarse grained mafic to intermediate tuff clasts, 0.2-2.5 cm angular to subrounded in	69753	185.00	186.00	1.00	<.03				tr		
		a coarse grained intermediate tuffaceous matrix, massive unsorted to weakly foliated at	69754	186.00	187.10	1.10	<.03			1	tr		
		30 deg over <1 m wide sections, trace pyrite, <1% 1-5 mm white ankerite veining at 30-	69755	187.10	188.10	1.00	<.03			1	tr		
		90 deg, locally weakly sericitic altered matrix, more sericitic starting at 183 m towards	69756	188.10	189.20	1.10	<.03			2	tr		
		lower contact.	69757	189.20	189.90	0.70	<.03			3	1		
			69758	189.90	190.70	0.80	<.03			20	1		
189.20	207.00	Quartz Carbonate Vein Zone	69759	190.70	191.30	0.60	<.03			80	tr		
		Beige yellow to white, strongly ankeritic sericitic altered fine grained greywacke and	69760	191.30	192.00	0.70	<.03			3	2		
		mudstones intruded by 10-40%, 1-3 cm wide ankerite+_ quartz boudinaged stretched	69761	192.00	192.70	0.70	<.03			2	tr		
		veins parallel to moderate foliation at 30 deg, some veins are finely brecciated, 1-2%, 2-	69762	192.70	193.50	0.80	<.03			25	1		
		10 cm wide later irregular drag-folded grey white quartz+_ankerite veining with 1-3 mm	69763	193.50	194.60	1.10	<.03			15	tr		
		chloritic margins at 10-50 deg, trace to 1% finely disseminated fine to medium grained	69764	194.60	195.60	1.00	<.03			1			
		pyrite in brecciated veins and along vein contacts in sericitic wallrocks, actual contact	69765	195.60	196.50	0.90	<.03			2	tr		
		between sediments and tuffs is at 189.95 marked by 40 cm ankerite vein.	69766	196.50	197.50	1.00	<.03			10	tr		
			69767	197.50	198.50	1.00	<.03			20	tr		

DESCRIPTION : Hole No. PW10_11														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
207.00	214.70	Sericitic Greywacke	69768	198.50	199.40	0.90	<.03			50	1		
		Yellow grey ankeritic moderately sericitic altered fine grained greywacke, 1%, 0.1-1.5 cm	69769	199.40	200.40	1.00	<.03			40	tr		
		wide irregular ankerite+-quartz veins and lenses at 10-50 deg, race to 1% finely	69770	200.40	201.60	1.20	<.03			2	tr		
		disseminated pyrite along vein contact and sericitic planes, massive to weakly foliated at	69771	201.60	202.60	1.00	<.03			3	tr		
		20-30 deg, sharp lower contact at 50 deg.	69772	202.60	203.80	1.20	<.03			15	0.5		
			69773	203.80	205.00	1.20	<.03			20	1		
214.70	247.70	Trachyte Breccia / Agglomerate	69774	205.00	206.00	1.00	<.03			20	0.5		
		214.7-216.0	69775	206.00	207.00	1.00	<.03			10	tr		
		Yellow grey nonmagnetic ankeritic sericitic altered clast-supported altered polymictic	69776	207.00	208.00	1.00	<.03			1	0.5		
		trachyte tuff breccia / agglomerate with 2% finely disseminated pyrite in medium grained	69777	208.00	209.00	1.00	<.03			1	0.5		
		weakly silicified greywacke matrix, gradational lower contact.	69778	209.00	210.00	1.00	<.03			3	0.5		
		216.0-247.7	69779	210.00	211.00	1.00	<.03			2	0.5		
		Red green grey beige strongly magnetic to magnetic ankeritic clast-supported trachyte	69780	211.00	212.00	1.00	<.03			5	0.5		
		tuff breccia to agglomerate with red dark green spotted red and pink 1-10 cm angular to	69781	212.00	213.00	1.00	<.03			2	tr		
		subrounded trachyte clasts and beige grey elongated subangular tuff clast in a red green	69782	213.00	214.00	1.00	<.03			10	0.5		
		beige grey coarse to medium grained tuffaceous matrix, lower contact at 20 deg with 1%	69783	214.00	214.70	0.70	<.03			2	tr		
		disseminated pyrite over lower 50 cm. at first glance rock looks like a conglomerate but	69784	214.70	215.40	0.70	<.03			1	2		
		no quartz or sedimentary clasts.	69785	215.40	216.00	0.60	<.03			2	1		
			69786	216.00	217.00	1.00	<.03						
247.70	294.50	Trachyte Tuff											
		247.7-270.35	69787	247.00	247.70	0.70	<.03			3	1		
		Grey to light grey strongly magnetic ankeritic weakly sericitic altered medium to coarse	69788	247.70	248.50	0.80	<.03						
		grained mafic trachyte tuff with 3-5% finely disseminated magnetite.	69789	248.50	249.20	0.70	<.03			1			
		250.1-250.6	69790	249.20	250.00	0.80	<.03			1			
		Grey white beige green brecciated drag-folded quartz-ankerite vein in sericitic chloritic	69791	250.00	250.60	0.60	<.03			80	tr		
		matrix, trace disseminated pyrite, contacts at 20 deg.	69792	250.60	251.60	1.00	<.03						
		270.35-294.5											
		Grey to beige grey to reddish grey strongly magnetic ankeritic coarse to medium grained											
		massive mafic to intermediate trachyte tuff to weakly deformed augite porphyritic tuff,											
		lower contact is not well defined, 2-5%, 0.2-1.5 cm irregular ankerite-quartz clots weakly											
		stretched to aligned at 20 deg, upper contact weakly foliated at 20 deg, locally weakly											
		sericitic with 5% quartz-ankerite veining.											
		279.0-279.4	69793	278.90	279.50	0.60	<.03			70	tr		
		Brecciated quartz-ankerite vein at 35-20 deg with trace pyrite.											
		286.9-289.4	69794	286.90	287.50	0.60	<.03			5	tr		
		Beige weakly sericitic altered section with 5%, 1-3 cm ankerite+-quartz veining at 20-50	69795	287.50	288.50	1.00	<.03			2	tr		
		deg, trace pyrite.	69796	288.50	289.40	0.90	<.03			5	tr		
294.50	314.35	Trachyte											
		294.5-309.6	69797	302.70	303.60	0.90	<.03		<.03	1			
		Dark green strongly magnetic calcitic augite porphyritic trachyte with 3-5%, 1-3 mm olive	69798	303.60	304.60	1.00	0.14		0.14				
		green weakly altered augite phenocrysts in fine grained black green matrix, <1%, 1-5	69799	Blank			<.03						
		mm wide pink calcite veining at 20-30 deg.	69800	Au std # 6			2.67						
		303.65-304.60	69801	304.60	305.60	1.00	<.03		<.03	1			
		Brown orange red nonmagnetic albitized hematitic altered zone at 20 deg with, 20%, 1-5	69802	305.60	306.60	1.00	<.03		<.03	1			
		cm white grey ankerite-quartz veins and lenses at 20-90 deg, 10% fine to medium	69803	306.60	307.60	1.00	<.03		<.03				
		grained pyrite in altered wallrocks, trace pyrite in veining.	69804	307.60	308.60	1.00	<.03		<.03				

DESCRIPTION : Hole No. PW10_11														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		309.6-310.0	69805	308.60	309.60	1.00	<.03		<.03					
		Orange grey nonmagnetic albitized zone at 20 deg with 15% medium grained	69806	309.60	310.00	0.40	**12.14**	**13.30**	**12.72**		15			
		disseminated pyrite.	69807	310.00	311.00	1.00	<.03		<.03	3				
		310.0-314.35	69808	311.00	312.00	1.00	<.03		<.03	1				
		Green grey magnetic chloritic ankeritic altered augite porphyry, very weakly foliated	69809	312.00	312.60	0.60	<.03		<.03	5	tr			
		fractured at 20 deg, 1%, 1-3 cm wide quartz-ankerite-albite veining at 20-90 deg, trace	69810	312.60	313.30	0.70	<.03		<.03	1				
		pyrite, RQD 100% to 5% below 311.8 m.	69811	313.30	314.30	1.00	<.03		<.03	2	tr			
			69812	314.30	315.00	0.70	**1.17**	**1.17**	**1.17**	50	2	95% rec		
314.35	**316.00**	Shear Zone Fault Zone	lost core	315.00	315.20	0.20	0		0					
		Light grey and black chloritic altered moderately sheared altered trachyte with quartz-	69813	315.20	316.10	0.90	**7.20**	**9.05**	**8.13**	15	tr			
		ankerite albite veining and 25 cm black "graphitic" fault gouge at 315.0-315.25 m., trace	69814	316.10	317.00	0.90	0.21		0.21	10	tr			
		molybdenite along shear planes.	69815	317.00	318.00	1.00	0.69		0.69	20	tr			
		314.65-315.0	69816	318.00	319.00	1.00	0.34		0.34	20	tr			
		Grey orange white brecciated fractured quartz-albite-ankerite vein with 2% finely	69817	319.00	320.00	1.00	0.21		0.21	25	tr			
		disseminated pyrite in sericitic chloritic fractures and 1 cm angular altered inclusions,	69818	320.00	321.00	1.00	<.03		<.03	20	tr			
		trace molybdenite along shear planes at 30 deg, irregular upper contact, ground lower	69819	321.00	322.10	1.10	<.03		<.03	15	tr			
		contact.	69820	322.10	323.20	1.10	<.03		<.03	10	tr			
		315.0-315.20	77001	323.20	324.30	1.10	<.03			2				
		Lost core?	77002	324.30	325.30	1.00	<.03			2				
		315.2-315.25	77003	325.30	326.40	1.10	<.03			2				
		Black graphitic fault gouge.	77004	326.40	327.50	1.10	<.03			1				
			77005	327.50	328.60	1.10	<.03			2				
316.00	**333.60**	Altered Trachyte	77006	328.60	329.60	1.00	<.03			1				
		316.0-323.2	77007	329.60	330.60	1.00	<.03			1				
		Pink grey white strongly magnetic strongly ankeritic carbonated altered trachyte, 15-20%	77008	330.60	331.60	1.00	<.03			2				
		wispy patchy white ankerite alteration / veining parallel to weak foliation at 20 deg,	69821	331.60	332.60	1.00	**2.61**	**2.33**	**2.47**	10	2			
		patchy weak silicification and albite alteration, trace disseminated pyrite, sharp lower	69822	332.60	333.60	1.00	**1.10**	**1.17**	**1.13**	10	3			
		contact at 20 deg.	77009	333.60	334.60	1.00	<.03			1				
		323.2-331.6	77010	334.60	335.60	1.00	0.34			2				
		Grey strongly magnetic ankeritic relatively massive fine grained trachyte.	77011	335.60	336.60	1.00	0.07			3				
		331.6-333.6	77012	336.60	337.60	1.00	<.03			5	tr			
		Pink beige to grey beige magnetic ankeritic weakly sericitic silicified altered trachyte with	77013	337.60	338.70	1.10	<.03			3	tr			
		10%, 1-5 mm irregular white ankerite stockwork veining, 2-3% finely disseminated fine to	77014	338.70	339.80	1.10	**1.71**	**1.65**	**1.68**	20	0.5			
		medium grained pyrite, gradational contacts.	77015	339.80	340.80	1.00	<.03			1				
			77016	340.80	341.80	1.00	<.03							
333.60	**360.50**	Trachyte	77017	341.80	342.80	1.00	<.03							
		333.6-347.85	77018	342.80	343.80	1.00	<.03			1				
		Green red grey strongly magnetic chloritic ankeritic augite trachyte, 1-2%, 0.5-5 cm	77019	343.80	344.80	1.00	<.03			2				
		ankerite-+quartz-chlorite veining at 10-30 deg.	77020	344.80	345.80	1.00	<.03							
		347.85-348.1	77021	345.80	346.80	1.00	<.03			1				
		Fault at 20 deg upper contact marked by 10 cm ankerite vein at 20 deg with trace pyrite	69823	346.80	347.70	0.90	<.03			1				
		in sericite-chlorite fractures, sericitic chloritic altered wallrocks over 20 cm.	69824	347.70	348.30	0.60	<.03			20				
		348.1-360.5	69825	348.30	349.30	1.00	<.03			1				
		Dark green grey strongly magnetic ankeritic augite trachyte, 3-10%, 1-10 mm white												
		ankerite clots, 1% ankerite+-quartz veining.												
360.50	**362.20**	Fault Zone												
		Grey green chloritic fractured strongly magnetic augite trachyte with 5 mm wide chloritic												
		faults with gouge at 10-20 deg, RQD 0%.												

DESCRIPTION : Hole No. PW10_11													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
362.20	376.00	Trachyte											
		Dark green grey strongly magnetic ankeritic augite trachyte, 1-2% 0.2-2 cm wide,											
		ankerite+_quartz veining parallel to very weak foliation at 20 deg, weakly sericitic with 2-											
		3% ankerite veining over lower 2 m.	69826	374.00	375.00	1.00	<.03		<.03	1			
			69827	375.00	376.00	1.00	<.03		<.03	2			
376.00	396.00	Quartz Carbonate Vein Zone	69828	376.00	377.20	1.20	0.27		0.27	3	1		
		Beige orange pink grey ankeritic albitized weakly to moderately sericitic altered	69829	377.20	378.10	0.90	**1.65**	**1.58**	**1.61**	80	2		
		deformed trachyte intruded by 3-80%, 0.01-1.2 m white brecciated ankerite veining	69830	378.10	379.10	1.00	**2.61**	**2.61**	**2.61**	90	3		
		parallel to weak to moderate foliation at 20 deg, 3-5% grey quartz breccia matrix in	69831	379.10	380.00	0.90	<.03		<.03	5	tr		
		ankerite veining, 1-3% medium grained disseminated pyrite in altered trachyte and trace	69832	380.00	381.00	1.00	0.75		0.75	5	tr		
		to 1% finely disseminated light coloured pyrite along fractures in veining, appears to be	69833	381.00	382.10	1.10	**1.44**	**1.17**	**1.30**	15	1		
		two phase of veining an earlier mainly ankerite and a later ankerite-quartz, chloritic	69834	382.10	383.30	1.20	**3.15**	**2.54**	**2.85**	10	2		
		talcose fractures at 10-20 deg, RQD 75%.	69835	383.30	384.20	0.90	<.03		<.03	2	tr		
		376.0-377.2	69836	384.20	385.30	1.10	<.03		<.03	5	tr		
		Beige grey weakly foliated sericitic altered trachyte with 2%, 1-5 mm ankerite veining	69837	385.30	386.40	1.10	0.07		0.07	10	tr		
		parallel to foliation at 20 deg, 1 % disseminated pyrite.	69838	386.40	387.50	1.10	<.03		<.03	10	tr		
		377.2-379.1 and 388.5-390.0	69839	387.50	388.50	1.00	<.03		<.03	3	tr		
		80-90 % ankerite-quartz veining with 1% disseminated pyrite.	69840	388.50	389.30	0.80	0.14		0.14	95	tr		
		379.1-388.5	69841	389.30	390.10	0.80	0.07		0.07	80	1		
		Red beige grey weaker altered section with 3-5%, 1-10 cm ankerite veining along core	69842	390.10	391.00	0.90	0.27		0.27	5	1		
		axis and at 10-30 deg, trace pyrite.	69843	391.00	392.00	1.00	0.41		0.41	10	1		
		390.0-392.0	69844	392.00	393.00	1.00	<.03		<.03	5	tr		
		Orange pink and beige albitized sericitic trachyte with 10%, 1-10 cm ankerite-quartz	69845	393.00	394.00	1.00	<.03		<.03	3	tr		
		veining at 20-30 deg, 2% medium grained disseminated pyrite in altered trachyte and	69846	394.00	395.00	1.00	<.03		<.03	3	tr		
		trace in ankerite veining.	69847	395.00	396.00	1.00	<.03		<.03	10	tr		
		392.0-396.0	69848	396.00	397.00	1.00	<.03		<.03	1	tr		
		Orange red grey albitized weakly sericitic ankeritic altered trachyte with5%, 1-5 cm wide	69849	Blank			<.03						
		ankerite and quartz-ankerite veining at 20-30-120 deg, trace to 1% disseminated pyrite	69850	Au std # 6			2.54						
		in altered trachyte and along vein contacts.	77022	397.00	398.00	1.00	<.03			2			
			77023	398.00	399.00	1.00	<.03			3			
396.00	638.90	Trachyte	77024	399.00	400.00	1.00	<.03			2			
		396.0-405.0	77025	400.00	401.00	1.00	<.03			1			
		Dark green grey strongly magnetic calcitic augite porphyritic trachyte, very weakly	77026	401.00	402.00	1.00	<.03						
		foliated at 20 deg mark by alignment of augite phenocrysts.	77027	402.00	403.00	1.00	<.03						
		405.0-406.7	77028	403.00	404.00	1.00	<.03			1			
		Orange brown red nonmagnetic hematitic albitized brecciated altered trachyte with 40%	[illegible]	404.00	405.00	1.00	0.21		0.21	3			
		0.2-5 cm wide earlier ankerite+-quartz veining at 20-30 deg and quartz+-ankerite veining	69852	405.00	406.00	1.00	**1.78**	**1.51**	**1.65**	40	10		
		at 60-70 deg, 10% disseminated medium grained cube pyrite in altered trachyte and in	69853	406.00	406.70	0.70	**3.91**	**4.05**	**3.98**	20	10		
		weakly foliated at 20 deg chloritic altered contact zones.	69854	406.70	407.70	1.00	<.03		<.03	1			
		406.7-414.4											
		Black green strongly magnetic calcitic augite trachyte.											
		414.4-417.7	69855	414.40	415.00	0.60	<.03		<.03		1		
		Dark green to red nonmagnetic hematitic altered trachyte with 1-5% medium grained	69856	415.00	415.80	0.80	<.03		<.03		3		
		disseminated pyrite, irregular fingered contacts with 1-2 cm "veins" of hematite alteration	69857	415.80	416.70	0.90	<.03		<.03	2	5		
		at 5-10 deg.	69858	416.70	417.70	1.00	0.14		0.14	1	3		
		417.7-436.2											
		Black dark green strongly magnetic massive calcitic trachyte.											

DESCRIPTION : Hole No. PW10_11														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		436.2-441.7	69859	436.20	437.40	1.20	<.03		<.03	3	tr			
		Beige to brown red magnetic to nonmagnetic weakly sericitic hematitic altered trachyte	69860	437.40	438.40	1.00	**2.40**	**2.40**	**2.40**	10	2			
		with 5-20%, 1-5 cm wide, quartz-calcite+_ankerite irregular veins and lenses at 40-80	69861	438.40	439.10	0.70	**2.33**	**2.88**	**2.61**	20	1			
		deg, trace to 2% disseminated medium grained cube pyrite in stronger sericitic	69862	439.10	440.10	1.00	**9.94**	**10.29**	**10.11**	3	tr			
		alteration, 5 mm chalcopyrite bleb at 337.8 m.	69863	440.10	440.90	0.80	<.03		<.03	10	tr			
		441.7-474.4	69864	440.90	441.70	0.80	<.03		<.03	2	tr			
		Black dark green strongly magnetic calcitic massive trachyte.												
		Black dark green strongly magnetic calcitic bedded at 25 deg with 1-10 cm wide fine												
		grained horizons alternating with white flecks medium grained beds, possibly tuffaceous												
		mafic trachyte?												
		497.5-526.5												
		Reddish black green magnetic calcitic massive trachyte.												
		526.5-536.1												
		Grey to black dark green non magnetic ankeritic trachyte tuff or coarse grained trachyte												
		with 1-2 mm rounded red phenocrysts "spots".												
		529.6-529.8 and 534.3-534.6												
		Chloritic ankeritic weak shear zones at 30 deg.												
		536.1-546.9												
		Black dark green magnetic ankeritic massive trachyte.												
		546.9-575.6												
		Black dark green and red, magnetic to weakly magnetic calcitic mafic trachyte with 15-												
		20%, 1-2 cm wide red white flecked hematite calcite veins /altered bands at 30 deg.												
		575.6-605.8												
		Black dark green weakly magnetic calcitic massive mafic trachyte with scattered 1-2 mm												
		hematitic altered phenocrysts "spots".												
		605.9-618.4												
		Black dark green and grey to reddish magnetic to weakly magnetic calcitic augite												
		porphyritic mafic trachyte, locally very weakly hematitic altered, massive to very weakly												
		foliated at 30 deg, <1%, 1-10 cm wide quartz-calcite veining at 30-50 deg.												
		618.4-638.1												
		Dark green weakly magnetic to magnetic ankeritic calcitic chloritic altered mafic trachyte,												
		1-3%, 1-10 mm quartz-calcite veining at 30-60 deg, very weakly foliated at 30 deg.												
		621.9-622.3	69865	620.50	621.80	1.30	<.03			1				
		75% irregular 1-3 cm wide quartz-calcite veining at 30-60 deg and 2% later grey quartz-	69866	621.80	622.30	0.50	**16.18**	**12.27**	**14.23**	70	0.5			
		ankerite-tourmaline veining at 30 deg, 0.5% disseminated pyrite and trace chalcopyrite in	69867	622.30	623.30	1.00	<.03			1				
		hematitic chloritic wall rocks.												
		638.1-638.9												
		Dark green chloritic fault fracture zone contacts marked by 1 cm wide chloritic faults at												
		20 deg, <1% quartz-calcite veining and trace pyrite.												
638.90	**672.00**	Lucite Trachyte												
		Reddish grey weakly magnetic calcitic weakly hematitic altered mafic trachyte with 1-2												
		mm hematitic altered lucite phenocrysts "spots", strongly magnetic below 663 m												

DESCRIPTION : Hole No. PW10_11														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
672.00	679.40	Altered Lucite Trachyte	69868	672.00	673.00	1.00	<.03			1			
		Grey to light grey to orange red with red spots, strongly magnetic, ankeritic, weakly	69869	673.00	674.00	1.00	<.03			2			
		albitized, weakly bleached silicified red-spotted altered trachyte, 1-10%, 0.1-3 cm wide,	69870	674.00	675.00	1.00	<.03			3			
		irregular ankerite+-quartz veining at 30-70 deg intruded by 1-10%, 1-3 cm wide irregular	69871	675.00	676.00	1.00	<.03			5			
		quartz-ankerite-tourmaline veining at 50-80 deg, trace pyrite and chalcopyrite in quartz	69872	676.00	677.00	1.00	<.03			15	tr		
		veining, contacts weakly foliated at 30 deg over 0.5-2 m marked by 1-5 mm chlorite	69873	677.00	678.00	1.00	0.62			20	tr		
		veins fractures and lenses.	69874	Blank			<.03						
			69875	Au std # 6			2.64						
679.40	701.30	Trachyte	69876	678.00	678.80	0.80	<.03			1			
		Grey to reddish grey strongly magnetic strongly ankeritic trachyte, massive to weakly	69877	678.80	679.40	0.60	<.03			2			
		foliated at 30 deg, locally 10-20% augite phenocrysts over 50-100 cm.											
701.30	729.30	Lucite Trachyte											
		Reddish grey magnetic ankeritic strongly fractured weakly hematitic altered lucite											
		trachyte with red hematitic altered spots/phenocrysts, chloritic fractures at 10-70 deg,											
		RQD 5%, more massive below 722 m and 1%, 1-3 cm wide ankerite+-quartz veining at											
		20-70 deg											
729.30	744.30	Altered Mineralized Zone	69878	727.80	728.80	1.00	<.03			5			
		729.3-731.9	69879	728.80	729.80	1.00	<.03			2			
		Dark grey and red nonmagnetic ankeritic chloritic fractured trachyte with patchy fracture-	69880	729.80	731.00	1.20	<.03			5			
		controlled hematite - albite alteration, 3-5%, 1-5 mm wide grey white quartz-ankerite	69881	731.00	731.90	0.90	<.03			1			
		veining at 60-80 deg with trace pyrite and chalcopyrite.	69882	731.90	732.90	1.00	<.03			3	1		
		731.9-733.55	69883	732.90	733.60	0.70	0.07			5	1		
		Orange red nonmagnetic to weakly magnetic ankeritic hematitic silicified albitized	69884	733.60	734.80	1.20	<.03			3			
		chloritic brecciated altered trachyte, 3%, 1-3 mm wide quartz-ankerite veining at 60-80	69885	734.80	736.00	1.20	<.03			3			
		deg, 1% disseminated pyrite in chloritic breccia matrix, trace chalcopyrite in veining and	69886	736.00	737.00	1.00	<.03			5			
		along chloritic fractures, trace magnetic with chlorite.	69887	737.00	738.00	1.00	<.03			1			
		733.55-738.0	69888	738.00	739.00	1.00	<.03			15	1		
		Dark green grey red and orange red nonmagnetic ankeritic chloritic fractured with patchy	69889	739.00	740.00	1.00	<.03			5	tr		
		fracture-controlled hematite - albite alteration trace disseminated pyrite and trace	69890	740.00	741.00	1.00	<.03			5	tr		
		chalcopyrite slivers along fractures.	69891	741.00	742.00	1.00	<.03			3	tr		
		738.0-743.2	69892	742.00	743.20	1.20	<.03			2	tr		
		Bright orange red and dark green grey nonmagnetic ankeritic hematitic albitized silicified,	69893	743.20	744.30	1.10	<.03			1			
		finely brecciated trachyte with 1-15%, 0.1-1.5 grey quartz +- ankerite veining at 30-50-70											
		deg, chlorite-specularite-quartz breccia matrix, trace to 2% chalcopyrite as silvers along											
		chlorite fractures and 1-3 mm blebs and disseminations in quartz veining, trace pyrite in											
		chloritic breccia matrix, chlorite hematite fracturing at 20-50-70-80 deg, RQD 65% to 0%											
		over lower 1.4 m, chalcopyrite and silicification strongest from 738.0-739.0 m.											
		743.2-744.3											
		Orange red hematitic albitized fractured trachyte with <1% quartz - ankerite veining and											
		trace sulphides gradational lower contact.											
744.30	745.20	Fault Zone	69894	744.30	745.40	1.10	<.03						
		Dark green fine grained chloritic trachyte with 1-3 mm wide faults at 20-30 deg, lower											
		contact marked by 20 cm wide fault zone with trachyte breccia fragments and 2-5 cm											
		wide fault gouge at 20-30 deg.											

DESCRIPTION : Hole No. PW10_11													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
745.20	759.00	Altered Trachyte	69895	745.40	746.40	1.00	<.03			3			
		Dark green grey to red grey nonmagnetic ankeritic hematitic to chloritic altered fractures	69896	746.40	747.50	1.10	<.03			5			
		mafic trachyte, moderately chloritic hematitic fractured at 25-50-70 deg, 1-3%, 1-5 mm	69897	747.50	748.60	1.10	0.14			3			
		wide, irregular ankerite+-quartz veining at 20-70 deg, trace pyrite.	69898	748.60	749.60	1.00	<.03			2			
759.00	817.20	Lucite Trachyte											
		759.0-764.7											
		Dark grey to reddish strongly magnetic and ankeritic red spotted lucite trachyte 1-5%											
		irregular ankerite+ quartz veining at 10-80 deg.											
		764.7-810.9											
		Grey red magnetic strongly calcitic hematitic altered trachyte massive to chloritic											
		fractured at 20-80 deg over 1-3 m intervals, <1%, 0.02-1.5 cm wide calcite veining.											
		810.9-812.15											
		Green red magnetic hematitic ankeritic altered trachyte.											
		812.15-812.8	69899	810.90	812.00	1.10	<.03			1			
		Orange red grey white green brecciated quartz chlorite albitized trachyte vein at 20-80	69900	812.00	812.90	0.90	<.03			25	tr		
		deg with 0.5% disseminated chalcopyrite in chloritic breccia matrix, trace pyrite	69901	812.90	813.90	1.00	<.03						
		812.8-817.2											
		Dark red green grading to black dark green strongly magnetic massive mafic trachyte,											
		weakly hematitic over upper 1 m.											
	817.20	EOH											

PROPERTY: Pawnee			HOLE NUMBER: PW10_12					
Province:	Ontario	**DATE LOGGED:** June 17 -July 8, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**			0	350	
Started:	16-Jun-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	579355	REFLEX	30	354.2	-76.5
Completed:	7-Jul-10	**UNITS:** Metres	**UTM N:**	5333066		90	345.0	-75.6
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	ELEV :	360		150	343.9	-74.9
			Length:	836.8		210	341.0	-73.8
						270	336.1	-73.4
PURPOSE:	To test at depth the anomalous gold mineralization intersected by hole PA90-11					330	340.0	-72.8
						390	341.4	-72.9
COMMENTS:	Sample # 69901-70000 and 77028-77260, 317 half core samples, 7 gold standard samples and 7					450	343.1	-72.6
	blank samples were assayed for Au g/t by Polymet Lab. RQD > 75% unless noted					510	342.2	-72.5
						570	347.8	-72.0
						630	342.2	-71.6
						690	349.2	-71.4
						750	352.1	-71.3
						756	348.8	-70.9
						810	339.8	-71.0

SUMMARY LOG: PW10_12			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**2.70**	OVB						
2.70	**9.40**	Sericitic Altered Conglomerate						
9.40	**19.80**	Sericitic Mudstone and Conglomerate						
19.80	**47.10**	Sericitic Conglomerate						
47.10	**172.30**	Trachyte Tuff to Lapilli Tuff / Conglomerate						
172.30	**193.20**	Sericitic Greywacke						
193.20	**219.45**	Trachyte Breccia / Agglomerate						
219.45	**225.30**	Altered Feldspar Porphyry / Trachyte						
225.30	**232.50**	Altered Trachyte						
232.50	**246.35**	Trachyte Lapilli Tuff to Tuff						
246.35	**272.50**	Trachyte						
272.50	**278.70**	Fault Zone						
278.70	**287.30**	Trachyte						
287.30	**298.80**	Altered Lucite Trachyte						
298.80	**299.10**	Fault Zone						
299.10	**308.00**	Altered Trachyte						
308.00	**330.20**	Lucite Trachyte						
330.20	**351.10**	Trachyte						
351.10	**360.50**	Quartz Vein Zone	359.20	360.50	1.30	0.7		
360.50	**366.60**	Altered Lucite Trachyte						
366.60	**431.50**	Lucite Trachyte	436.8	442.7	5.9	0.5		
431.50	**442.70**	Altered Mineralized Zone	442.7	443.9	1.2	**1.1**		
442.70	**461.40**	Feldspar Quartz Porphyry						
461.40	**466.40**	Altered Mineralized Zone	452.4	461.4	9.0	0.3		
466.40	**503.70**	Altered Lucite Trachyte	461.4	466.4	5.0	**1.6**		

SUMMARY LOG: PW10_12			ASSAY SUMMARY					
503.70	**517.20**	Trachyte Tuff	incl					
517.20	**592.30**	Altered Lucite Trachyte	464.4	465.4	1.0	**4.3**		
592.30	**618.00**	Trachyte Agglomerate to Trachyte Tuff						
618.00	**626.90**	Trachyte	503.7	505.1	1.4	0.5		
626.90	**650.90**	Trachyte Tuff						
650.90	**656.80**	Quartz Carbonate Vein Zone						
656.80	**680.00**	Trachyte Tuff						
680.00	**685.00**	Lucite Trachyte Breccia						
685.00	**712.20**	Altered Mineralized Zone						
712.20	**726.20**	Altered Trachyte Tuff						
726.20	**735.30**	Trachyte Lapilli Tuff						
735.30	**751.40**	Lucite Trachyte						
751.40	**757.00**	Fault Zone						
757.00	**760.80**	Lucite Trachyte						
760.80	**799.20**	Trachyte						
799.20	**807.80**	Lucite Trachyte						
807.80	**819.70**	Trachyte						
819.70	**836.80**	Lucite Trachyte						
	836.80	EOH						

DESCRIPTION : Hole No. PW10_12															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	2.70	OVB											
2.70	9.40	Sericitic Altered Conglomerate											
		Yellow grey ankeritic sericitic altered pebbly conglomerate with sediment, volcanic, minor											
		quartz 1-5 mm clasts in a sericitic altered greywacke matrix, fairly massive.											
9.40	19.80	Sericitic Mudstone and Conglomerate											
		Yellow beige white ankeritic sericitic finely bedded mudstone with 15%, 1-30 cm wide											
		sericitic pebbly conglomerate to greywacke horizons, bedding / foliation at 20-30 deg.											
19.80	47.10	Sericitic Conglomerate											
		19.8-30.2											
		Yellow grey ankeritic sericitic altered pebbly conglomerate with 10%, 5-10 cm wide											
		mudstone horizons, weakly foliated / bedded at 20-30 deg.											
		30.2-47.1											
		Yellow grey to grey ankeritic sericitic altered clast-supported conglomerate coarser											
		grained and less sericitic altered with depth, <2% mudstone horizons, weakly to											
		moderately foliated at 20-30 deg.											
		36.15-37.15											
		Rusty limonitic chloritic shear zone at 20-30 deg.											
47.10	172.30	Trachyte Tuff to Lapilli Tuff / Conglomerate											
		47.1-63.0											
		Grey to pink grey nonmagnetic ankeritic trachyte tuff to lapilli tuff (conglomerate) with 1-5											
		cm beige pink grey and grey stretched heterolithic trachyte flow and trachyte tuff clasts in											
		a fine to medium grained grey tuffaceous matrix, weakly foliated at 20-25 deg, no quartz											
		63.0-71.0	69902	69.00	70.00	1.0	<.03			3			
		Grey ankeritic trachyte tuff, strongly fractured at 0-5 deg, 5%, 1-3 cm wide irregular white	69903	70.00	71.00	1.0	<.03			10			
		barren ankerite veining at 0-15 deg, RQD 0%.											
		71.0-79.0											
		Grey pink grey to beige grey nonmagnetic ankeritic trachyte tuff, weakly foliated at 20-25											
		deg, 1-3%, 1-3 cm irregular ankerite veining at 20-30 deg.											
		79.0-161.8											
		Grey pink grey and beige grey nonmagnetic to magnetic, ankeritic trachyte lapilli tuff to											
		agglomerate/conglomerate with 0.5-5 cm subangular heterolithic pink grey green and											
		sericitic beige altered trachyte clasts in a medium grained trachyte tuff matrix, weakly											
		sericitic but undeformed, 1-2%, 1-3 cm ankerite veining at 20-25 deg, becoming finer											
		grained and weakly foliated at 25 deg at 91.5 m											
		108.8-113.6	69904	107.80	108.80	1.00	<.03			2			
		Ankerite vein zone in weakly sericitic altered trachyte lapilli tuffs, 20%, 1-35 cm wide	69905	108.80	109.60	0.80	<.03			35			
		brecciated ankerite veining at 15-25 deg centered around a 1 cm chloritic fault gouge at	69906	109.60	110.50	0.90	<.03						
		111.85 m, trace chalcopyrite blebs in veining.	69907	110.50	111.30	0.80	<.03			1			
		161.8-172.3	69908	111.30	112.30	1.00	<.03			40			
		Transition zone, grey pink grey and beige grey magnetic, ankeritic interbedded trachyte	69909	112.30	113.00	0.70	<.03			15			
		tuff, lapilli tuff and medium grained greywacke, contacts at 25-30 deg, weakly foliated at	69910	113.00	113.60	0.60	<.03			10			
		20-25 deg, 1-2% finely disseminated magnetite.	69911	113.60	114.60	1.00	<.03						

DESCRIPTION : Hole No. PW10_12													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
172.30	193.20	Sericitic Greywacke											
		Beige grey medium grained nonmagnetic weakly sericitic ankeritic altered greywacke, weakly foliated at 25 deg, 1-2%, 1-2 cm wide ankerite veining at 20-90 deg.											
		185.0-189.1	69912	185.00	186.00	1.00	<.03			2			
		1-2%, 0.5-1.5 cm wide, grey pink red boudinaged drag-folded quartz+-ankerite veining at	69913	186.00	187.00	1.00	<.03			2			
		30-90 deg, trace pyrite and chlorite along contacts.	69914	187.00	188.00	1.00	<.03			3			
			69915	188.00	189.10	1.10	<.03			2			
193.20	219.45	Trachyte Breccia / Agglomerate											
		193.2-209.8											
		Pink red beige grey to yellow beige nonmagnetic ankeritic clast-supported trachyte											
		breccia / agglomerate with 0.5-10 cm rounded subrounded to subangular trachyte and											
		trachyte porphyry clasts in a medium grained red-spotted sericitic tuffaceous matrix, non											
		sorted, looks like a conglomerate texture but no quartz or sedimentary clasts, trace fine											
		grained pyrite.											
		209.8-217.6											
		Light green grey weakly sericitic ankeritic matrix-supported trachyte lapilli tuff with 3-5%,											
		2-10 mm wide, ankerite clots, weakly foliated at 50 deg over upper 2 m.											
		217.6-219.45											
		Light greenish grey ankeritic weakly sericitic altered trachyte tuff with 1%, 1-2 cm white											
		grey drag-folded quartz veining, upper contact at 50 deg marked by chloritic sericitic											
		shearing , lower contact at 50 deg marked by 1 cm ankerite vein.											
219.45	225.30	Altered Feldspar Porphyry / Trachyte	69916	225.30	226.20	0.90	<.03			20	tr		
		219.45-225.3	69917	226.20	227.30	1.10	<.03			5	tr		
		Purple grey to light greenish grey weakly magnetic to nonmagnetic ankeritic feldspar	69918	227.30	228.30	1.00	<.03			1	tr		
		porphyry or feldspar porphyritic trachyte to weakly sericitic altered trachyte with no	69919	228.30	229.40	1.10	<.03			5	tr		
		feldspar phenos.	69920	229.40	230.60	1.20	<.03			10	tr		
			69921	230.60	231.60	1.00	<.03			10	tr		
225.30	232.50	Altered Trachyte	69922	231.60	232.40	0.80	<.03			85	tr		
		Grey red grey to beige grey ankeritic to weakly sericitic altered trachyte, massive to	69923	232.40	232.90	0.50	<.03			10	tr		
		weakly foliated sericitic altered sections at 20-40 deg, 10-20%, 1-30 cm white to yellow	69924	232.90	234.00	1.10	<.03			5	tr		
		white ankerite +- quartz +- sericite +- chlorite irregular brecciated to massive veining at	69925	234.00	235.10	1.10	<.03			1			
		20-40 deg, trace pyrite and chalcopyrite in veining, lower contact marked by chloritic	69926	235.10	236.20	1.10	<.03			1			
		ankerite veined fault at 30 deg.	69927	236.20	237.00	0.80	<.03			1			
			69928	237.00	238.10	1.10	<.03			2			
232.50	246.35	Trachyte Lapilli Tuff to Tuff	69929	238.10	238.80	0.70	<.03			2			
		232.5-236.5	69930	238.80	239.90	1.10	<.03			15	tr		
		Pink grey ankeritic clast-supported heterolithic trachyte lapilli tuff to agglomerate /	69931	239.90	241.00	1.10	<.03			1			
		conglomerate as above with gradational lower contact, upper contact to 232.85 m.	69932	241.00	242.20	1.20	<.03			1			
		236.5-246.35	69933	242.20	243.20	1.00	<.03			1			
		Grey to red grey weakly magnetic to nonmagnetic medium grained trachyte tuff to red -	69934	243.20	243.90	0.70	<.03			25	tr		
		spotted trachyte with 20-70 wide sericitic 15-25% ankerite veined altered zones at 30-40	69935	Blank			<.03						
		deg, minor traces of pyrite.	69936	Au std # 6			2.67						
246.35	272.50	Trachyte											
		246.35-260.4											
		Dark green grey to reddish grey weakly magnetic weakly hematitic ankeritic massive											
		trachyte, 3-10%, 1-10 mm wide ankerite veining at 20-90 deg.											

DESCRIPTION : Hole No. PW10_12													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		250.45-250.85	69937	250.40	250.90	0.50	<.03			50	tr		
		Chloritic quartz ankerite veined shear zone at 40 deg with 1 cm crushed fault at 40 deg,											
		trace pyrite.											
		260.4-267.9											
		Pink grey strongly magnetic ankeritic augite porphyritic trachyte with 15%, 1-3 mm grey											
		weakly altered augite phenos, <1% ankerite veining.											
		267.9-272.5	69938	267.00	267.90	0.90	<.03						
		Black red beige green nonmagnetic brecciated ankeritic chloritic sericitic silicified altered	69939	267.90	269.00	1.10	<.03			5	2		
		trachyte with 1-5 cm angular black siliceous chloritic trachyte fragments in sericitic pyritic	69940	269.00	270.00	1.00	<.03				1		
		breccia matrix, 1-3%, hematitic quartz veining at 10-15%, hematitic muddy fault slips at	69941	270.00	270.80	0.80	<.03			1			
		20 deg, 1-2% disseminated medium to fine grained pyrite in fragments and sericitic											
		breccia matrix, irregular contacts.											
272.50	278.70	Fault Zone											
		Strongly fractured zone in ankeritic augite porphyritic trachyte with chloritic hematitic											
		fractures at 10-40 deg and <5 mm faults at 10-15 deg, RQD 0%.											
278.70	287.30	Trachyte											
		Grey strongly magnetic ankeritic augite porphyritic trachyte.											
287.30	298.80	Altered Lucite Trachyte	69942	289.00	290.10	1.10	<.03			1	1		
		287.3-290.1	69943	290.10	291.00	0.90	<.03			10	1		
		Dark green and beige yellow strongly magnetic chloritic sericitic ankeritic green spotted	69944	291.00	292.00	1.00	<.03			10	1		
		trachyte with 2-10 mm subrounded chloritic altered lucite phenocrysts in sericitic chloritic	69945	292.00	293.00	1.00	<.03			5	1		
		altered matrix, contacts at 40 deg.	69946	293.00	293.80	0.80	<.03			15	1		
		290.1-294.5	69947	293.80	294.50	0.70	<.03				0.5		
		Olive green to lime green strongly magnetic sericitic fine grained altered trachytes with	69948	294.50	295.30	0.80	<.03			1			
		10% finely disseminated magnetite, 10-15%, 1-5 cm red hematitic quartz kspar albite	69949	295.30	296.00	0.70	<.03			1			
		veining at 10-20 deg, 1% pyrite as 0.5-1 mm stringers along vein contacts and finely	69950	296.00	297.00	1.00	<.03			15			
		disseminated, sharp lower contact at 30 deg.	69951	297.00	298.00	1.00	<.03			10			
		294.5-298.8	69952	298.00	299.10	1.10	<.03			3			
		Red grey green beige nonmagnetic to weakly magnetic sericitic chloritic hematitic altered	69953	299.10	300.00	0.90	<.03			1			
		lucite porphyry, strongly fractured at 0-40 deg, trace pyrite, 1-2% ankerite veining, RQD	69954	300.00	301.00	1.00	<.03			5	1		
		0%.	69955	301.00	302.00	1.00	<.03			15	2		
			69956	302.00	303.00	1.00	<.03				0.5		
298.80	299.10	Fault Zone	69957	303.00	304.00	1.00	<.03				0.5		
		Light sandy grey clay fault breccia, broken contacts.	69958	304.00	305.00	1.00	<.03			1	0.5		
			69959	305.00	306.10	1.10	<.03			10	0.5		
299.10	308.00	Altered Trachyte	69960	306.10	307.00	0.90	<.03			5	0.5		
		Olive green to lime green strongly magnetic ankeritic weakly sericitic altered fine grained	69961	307.00	308.00	1.00	<.03			1			
		trachyte with 5-10% finely disseminated magnetite as at 290.1 m, 1-10%, 0.5-15 cm											
		orange red hematitic quartz kspar albite +- ankerite veining at 10-30 deg, 0.5-1% finely											
		disseminated pyrite and <0.5 mm wide stringers along vein contacts, gradational lower											
		contact with appearance of 1-5 mm red lucite phenos.											
308.00	330.20	Lucite Trachyte											
		Beige green red strongly magnetic ankeritic lucite porphyritic trachyte with dark red to											
		dark green 2-10 mm lucite phenocrysts in a fine to medium grained sericitic to hematitic	69962	330.20	331.00	0.80	<.03						
		to chloritic trachyte matrix, massive with no fracturing as above.	69963	331.00	332.00	1.00	<.03			15	tr		

DESCRIPTION : Hole No. PW10_12													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
			69964	332.00	333.00	1.00	<.03						
330.20	351.10	Trachyte	69965	333.00	334.00	1.00	<.03			10	tr		
		Grey to green grey strongly magnetic, weakly chloritic and sericitic fine to medium	69966	334.00	335.00	1.00	<.03			15	tr		
		grained massive altered trachyte, locally 2-10 cm wide orange red grey kspar albite	69967	335.00	336.10	1.10	<.03						
		quartz veining at 20-30 deg, minor trace pyrite.	69968	336.10	337.10	1.00	<.03			25	tr		
351.10	360.50	Quartz Vein Zone	69969	350.10	351.10	1.00	<.03						
		Beige green grey strongly magnetic weakly sericitic fine to medium grained trachyte and	69970	351.10	352.00	0.90	<.03			20	tr		
		chloritic weakly foliated at 15-20 deg lucite trachyte, 40%, 1-20 cm wide irregular orange	69971	352.00	353.00	1.00	<.03			15	tr		
		red grey white kspar albite quartz +- ankerite veining at 15-40 deg with trace	69972	353.00	354.00	1.00	<.03			25	tr		
		disseminated chalcopyrite and pyrite, ground broken ground core at 357.0-357.8 m with	69973	354.00	354.80	0.80	<.03			1			
		85% recovery, RQD 100-5%.	69974	354.80	356.00	1.20	<.03			20	tr		
			69975	356.00	357.00	1.00	<.03			35	tr		
			69976	357.00	358.00	1.00	<.03			1			
			69977	358.00	359.20	1.20	<.03			3			
			69978	359.20	360.50	1.30	0.69			2			
360.50	366.60	Altered Lucite Trachyte	69979	360.50	361.60	1.10	<.03						
		Yellow green beige strongly magnetic sericitic altered weakly deformed lucite trachyte	69980	361.60	362.60	1.00	<.03						
		with red and green stretched chloritic and hematitic lucite phenos, weak to moderate	69981	362.60	363.60	1.00	<.03						
		foliation at 20-30 deg, sharp lower contact at 50 deg.	69982	363.60	364.60	1.00	<.03						
			69983	364.60	365.60	1.00	<.03						
			69984	365.60	366.60	1.00	<.03						
366.60	431.50	Lucite Trachyte	69985	378.00	379.10	1.10	<.03			1			
		366.6-384.3	69986	379.10	380.10	1.00	<.03			2			
		Dark grey to red grey nonmagnetic ankeritic lucite trachyte porphyry with 0.5- 1.0 cm red	69987	380.10	381.10	1.00	<.03			1			
		hematitic lucite phenos in fine grained chloritic trachyte matrix, 1%, 1-5 mm wide											
		ankerite veining, locally trace medium grained pyrite.	69988	395.40	396.40	1.00	<.03						
		384.3-399.1	69989	396.40	397.40	1.00	<.03			1			
		Dark grey to light green beige magnetic to weakly magnetic ankeritic red lucite	69990	397.40	398.30	0.90	<.03			1			
		porphyritic trachyte with patchy weakly sericitic alteration, unmineralized.	69991	398.30	399.10	0.80	<.03			1	tr		
		399.1-405.0	69992	Blank			<.03						
		Dark green grey and beige grey magnetic ankeritic massive lucite trachyte porphyry with	69993	Au std # 6			1.85						
		red lucite phenos and patchy sericite alteration, 1%, 1-5 mm wide ankerite gash veins,											
		gradational contacts.	69994	405.00	406.00	1.00	<.03			20			
		405.0-417.7	69995	406.00	407.00	1.00	<.03			10			
		Brick orange red to beige grey magnetic to weakly magnetic to nonmagnetic weakly	69996	407.00	408.00	1.00	<.03			1			
		sericitic hematitic altered red-spotted lucite trachyte porphyry, 3-20%, 1-15 cm wide,	69997	408.00	409.00	1.00	<.03			2			
		nonmagnetic irregular fracture-controlled brick orange red hard hematitic kspar albite +-	69998	409.00	410.00	1.00	<.03			3			
		ankerite +- grey quartz veining with trace pyrite and specularite.	69999	410.00	411.00	1.00	<.03			3			
		417.7-420.5	70000	411.00	412.00	1.00	<.03			10	0.5		
		Light greenish beige magnetic weakly sericitic altered lucite trachyte with red lucite.	77029	412.00	413.00	1.00	<.03			3			
		420.5-430.6	77030	413.00	414.00	1.00	<.03			2			
		Dark grey dark red greenish beige magnetic hematitic sericitic patchy mottled	77031	414.00	415.00	1.00	<.03			3			
		hydrothermally "brecciated" altered red-spotted lucite trachyte porphyry, 1-5% brick	77032	415.00	416.00	1.00	<.03			20			
		orange red veining as above.	77033	416.00	417.00	1.00	<.03			15			

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		430.6-435.1	77034	417.00	417.70	0.70	<.03			3			
		Dark grey magnetic red-spotted lucite trachyte porphyry and 20-80 cm wide , tan beige	77035	417.70	418.50	0.80	<.03			1			
		nonmagnetic sericitic altered bands at 30-40 deg with trace pyrite.	77036	418.50	419.50	1.00	<.03			2			
			77037	419.50	420.50	1.00	<.03			2			
			77038	420.50	421.60	1.10	<.03			1			
			77039	421.60	422.60	1.00	<.03			2			
			77040	422.60	423.60	1.00	<.03			2			
			77041	423.60	424.60	1.00	<.03			3			
			77042	424.60	425.60	1.00	<.03			1			
			77043	425.60	426.60	1.00	<.03			1			
			77044	426.60	427.60	1.00	<.03			2			
			77045	427.60	428.60	1.00	<.03			2			
			77046	428.60	429.60	1.00	<.03			2			
			77047	429.60	430.60	1.00	<.03			5			
			77048	430.60	431.50	0.90	<.03			3	tr		
			77049	Blank			<.03						
			77050	Au std # 6			2.54						
431.50	442.70	Altered Mineralized Zone	77051	431.50	432.30	0.80	<.03			1	tr		
	5.30	431.5-436.8	77052	432.30	433.40	1.10	<.03			1	tr		
		Tan beige to beige grey magnetic ankeritic sericitic dark red spotted altered lucite	77053	433.40	434.40	1.00	<.03			2			
		trachyte porphyry with 0.5% finely disseminated pyrite, sharp upper contact at 50 deg,	77054	434.40	435.10	0.70	<.03			1	tr		
		sharp lower contact at 40 deg.	77055	435.10	435.90	0.80	0.14			1	0.5		
	5.90	436.8-442.7	77056	435.90	436.80	0.90	<.03			1	0.5		
		Grey to reddish grey massive nonmagnetic ankeritic moderately silicified white spotted	77057	436.80	437.70	0.90	0.69			1	15		
		altered lucite trachyte porphyry with 2-5 mm white, pink and black altered "lucite" phenos	77058	437.70	438.70	1.00	0.89			2	15		
		in fine grained, 1-2%, 0.5-5 mm white ankerite veining at 70-80 deg, 10-15% fine to	77059	438.70	439.70	1.00	0.41			1	15		
		medium grained disseminated pyrite, sharp lower contact at 40 deg.	77060	439.70	440.70	1.00	0.41			2	15		
			77061	440.70	441.70	1.00	<.03			3	15		
442.70	461.40	Feldspar Quartz Porphyry	77062	441.70	442.70	1.00	0.69			3	10		
		442.7-443.9 and 451.7-461.7	77063	442.70	443.90	1.20	**1.17**	**1.03**	**1.10**	3	1		
		Grey to light grey feldspar quartz porphyry with 15%, 2-4 mm white euhedral plagioclase	77064	443.90	444.80	0.90	<.03			1	tr		
	1.20	phenocrysts and 1-2%, 2-3 mm grey subrounded quartz phenos in a fine grained grey	77065	444.80	445.70	0.90	<.03			5	tr		
		siliceous feldspathic matrix, 0.5-2% fine to medium grained disseminated pyrite in	77066	445.70	446.60	0.90	<.03			5	0.5		
	10.00	ground mass, 5%, 0.1-1.5 cm wide irregular ankerite +- quartz and later quartz +-	77067	446.60	447.50	0.90	<.03			3	tr		
		ankerite veining at 0-70 deg, avg 60 deg, 3-5%, 0.2-2 cm wide greenish white waxy	77068	447.50	448.40	0.90	<.03			5	tr		
		fluorite veining at 60 deg with good cleavage at right angles to vein walls and trace	77069	448.40	449.40	1.00	<.03			2	tr		
		coarse grained galena e.g. 453.37 m, locally brecciated over 30-40 cm with 15% black	77070	449.40	450.40	1.00	<.03			3	tr		
		tourmaline breccia matrix e.g. 445.5, 448.2 and 460.9 m, sharp lower contact at 20 deg.	77071	450.40	451.40	1.00	<.03			1	tr		
			77072	451.40	452.40	1.00	<.03			10	0.5		
		443.9-451.7	77073	452.40	453.40	1.00	0.21			5	1	galena	
	7.80	Light beige to light grey strongly silicified section with 5-10% 2-4 mm grey quartz	77074	453.40	454.40	1.00	0.27			5	1		
		phenocrysts and 1%, 0.5 x 1 mm black disseminated "biotite" grains, 3-5%, 1-10 mm	77075	454.40	455.40	1.00	0.34			10	1		
		wide quartz-ankerite veining at 60-80 deg, only trace pyrite, gradational contacts.	77076	455.40	456.40	1.00	0.34			5	1		
			77077	456.40	457.40	1.00	0.07			5	1		

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
461.40	**466.40**	Altered Mineralized Zone	77078	457.40	458.40	1.00	0.75			3	1		
		Grey blue grey beige orange red dark red nonmagnetic strongly silicified weakly sericitic	77079	458.40	459.40	1.00	0.21			5	3		
	5.00	hematitic ankeritic altered red and green spotted lucite trachyte porphyry, 1% 1-3 mm	77080	459.40	460.40	1.00	<.03			10	3		
		wide, ankerite veining, 1-20% medium grained disseminated pyrite and trace	77081	460.40	461.40	1.00	0.14			10	5		
		chalcopyrite along hematite fractures, sharp lower contact at 50 deg.	77082	461.40	462.40	1.00	**1.44**	**1.51**	**1.47**	1	15		
			77083	462.40	463.40	1.00	0.14			1	5	cpy	
			77084	463.40	464.40	1.00	0.82			1	20	cpy	
			77085	464.40	465.40	1.00	**4.59**	**3.98**	**4.29**	1	2	cpy	
			77086	465.40	466.40	1.00	**1.51**	**1.37**	**1.44**	1	10		
			77087	Blank			<.03						
			77088	Au std # 6			2.64						
466.40	**503.70**	Altered Lucite Trachyte	77089	466.40	467.40	1.00	<.03						
		466.4-471.8	77090	467.40	468.50	1.10	<.03						
		Grey red and beige magnetic patchy hematitic and weakly sericitic red spotted lucite	77091	468.50	469.60	1.10	<.03			1			
		trachyte porphyry with 2-10 mm red lucite phenos in a fine grained sericitic trachyte	77092	469.60	470.70	1.10	<.03			2			
		matrix, <1%, 1-3 cm quartz-ankerite veining.	77093	470.70	471.80	1.10	<.03			1			
		471.8-473.1	77094	471.80	472.40	0.60	<.03				0.5		
		Altered lucite trachyte as above with 15%, 2-5 x 10-15 cm grey to red finely bedded	77095	472.40	473.10	0.70	<.03			1	0.5		
		cherty sediments inclusions, 0.5% medium grained disseminated pyrite in trachyte.	77096	473.10	474.10	1.00	<.03			2			
		473.1-503.7	77097	474.10	475.00	0.90	<.03			5			
		Dark grey dark red and beige strongly magnetic to weakly magnetic red spotted lucite											
		porphyry with patchy irregular hematitic and sericitic alteration, 1%, 1-10 mm quartz											
		ankerite veining at all angles.											
503.70	**517.20**	Trachyte Tuff	77098	502.90	503.70	0.80	0.14			15	1		
		503.7-509.0	77099	503.70	504.40	0.70	0.48			2	10		
		Yellow beige dark grey light grey green and red grey nonmagnetic fine grained to coarse	77100	504.40	505.10	0.70	0.55			2	10		
		grained, massive to finely bedded at 30 deg, trachyte tuff, weakly silicified, sericitic,	77101	505.10	506.20	1.10	<.03			1	10		
		chloritic and hematitic beds, trace to 10% fine to medium grained pyrite usually in more	77102	506.20	507.30	1.10	0.07			3	1		
		silicified beds, 1-3%, 0.1-1.5 cm wide irregular ankerite +- quartz veining at 20-40 deg,	77103	507.30	508.00	0.70	<.03				tr		
		upper contact at 50 deg.	77104	508.00	509.00	1.00	<.03			1	tr		
		509.0-517.2	77105	509.00	510.00	1.00	<.03			2			
		Beige grey red and dark black grey nonmagnetic weakly ankeritic sericitic altered fine to											
		medium grained trachyte tuff massive to bedded at 30 deg, 1-2% irregular ankerite veins											
		and clots, irregular lower contact at 29-70 deg.											
517.20	**592.30**	Altered Lucite Trachyte											
		517.2-528.5											
		Grey dark grey and greenish beige magnetic weakly ankeritic sericitic altered red-spotted											
		lucite trachyte porphyry with dark red to brick red lucite phenos up to 1 cm in medium											
		grained sericitic altered matrix, 1-2%, 1-10 mm irregular ankerite clots.	77106	527.50	528.50	1.00	<.03						
		528.5-536.2	77107	528.50	529.40	0.90	<.03			15	tr		
		Grey to dark grey magnetic red spotted trachyte, weakly foliated at 40 deg, 25%, 0.2-1.7	77108	529.40	530.40	1.00	<.03			20	tr		
		m wide, brick red nonmagnetic strongly hematized silicified section with 10-15 %, 0.2-1.5	77109	530.40	531.50	1.10	<.03			5	tr		
		cm wide ankerite veining at 20-70 deg, <1% grey and white 0.5-2 cm wide later quartz	77110	531.50	532.50	1.00	<.03			5	tr		
		veining at 70-80 deg, traces 0f 5 mm yellowish white fluorite veining at 60 deg, trace	77111	532.50	533.50	1.00	<.03			10	tr		
		disseminated chalcopyrite along fractures vein contacts, occasional chloritic slips at 40	77112	533.50	534.50	1.00	<.03			3	tr		
		deg.	77113	534.50	535.20	0.70	<.03			5	tr		

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		536.2-553.1	77114	535.20	536.20	1.00	<.03			15	tr			
		Similar to above unit but quartz-ankerite veined zones are magnetic and contain 2-5%	77115	536.20	537.30	1.10	<.03			2				
		specularite-magnetite stringers and disseminations, also no "fluorite" and only minor	77116	537.30	538.40	1.10	<.03			1				
		traces of chalcopyrite.	77117	538.40	539.30	0.90	<.03			15	tr			
			77116	537.30	538.40	1.10	<.03			1				
			77117	538.40	539.30	0.90	<.03			15	tr			
			77118	539.30	540.20	0.90	<.03			2	tr			
			77119	540.20	541.20	1.00	<.03			1				
			77120	541.20	542.30	1.10	<.03			1	tr			
			77121	542.30	543.50	1.20	<.03							
			77122	543.50	544.40	0.90	<.03			10	tr			
			77123	544.40	545.20	0.80	<.03			5	tr			
			77124	545.20	546.10	0.90	<.03			10	tr			
			77125	546.10	547.10	1.00	<.03			8	tr			
			77126	547.10	548.10	1.00	<.03			8	tr			
			77127	548.10	549.20	1.10	<.03			2	tr			
			77128	549.20	550.30	1.10	<.03			5	tr			
			77129	550.30	551.20	0.90	<.03			1				
			77130	551.20	552.20	1.00	<.03							
			77131	552.20	553.10	0.90	<.03			10	1			
		553.1-564.2	77132	553.10	554.10	1.00	<.03							
		Grey red beige strongly magnetic ankeritic weakly sericitic hematitic hard altered red												
		spotted lucite trachyte porphyry, 15% 1-3 cm wide red hematitic quartz-ankerite veining,												
		massive to locally weakly foliated at 30-40 deg, trace pyrite towards lower contact.												
		564.2-565.8	77133	563.20	564.20	1.00	<.03			1				
		Orange red and yellow beige non magnetic silicified section with 10%, 1-5 cm wide	77134	564.20	564.90	0.70	<.03			3	15			
		orange red kspar-albite veining at 20-50 deg with 3% ankerite veining, 15% fine to	77135	564.90	565.80	0.90	<.03			3	15			
		medium grained disseminated pyrite in sericitic ground mass and veining, upper contact	77136	565.80	566.80	1.00	<.03							
		at 50 deg, lower contact defined by pyrite content.	77137	566.80	567.80	1.00	<.03							
		565.8-592.3	77138	567.80	568.30	0.50	<.03			8	1			
		Grey red purple red beige strongly magnetic ankeritic red spotted lucite porphyry with	77139	568.30	569.30	1.00	<.03							
		patchy sericite hematite alteration, 20-50 cm wide bleached sericitic weakly foliated	77140	Blank			<.03							
		bands at 30-40 deg with stretched chloritic lucites.	77141	Au std # 6			2.50							
		567.8-568.3												
		5%, 1-2 cm wide, hematitic brecciated ankerite veining in moderately sericitic altered												
		zone at 20 deg, 1% disseminated pyrite in wallrocks.												
592.30	**618.00**	Trachyte Agglomerate to Trachyte Tuff												
		592.3-593.8												
		Green brick red and grey, strongly magnetic ankeritic trachyte breccia agglomerate with												
		2-4 cm wide strongly hematitic altered trachyte clast in fine to medium grained grey												
		matrix, clasts are stretched at 30-5 deg, sharp upper contact at 40 deg												
		593.8-605.6												
		Grey to pink grey strongly magnetic weakly ankeritic trachyte agglomerate /												
		conglomerate with 0.5-5 cm rounded to subrounded pink and pink grey fine grained												
		trachyte clasts in a fine grained grey green grey gritty matrix with 5% finely disseminated												
		magnetite but no quartz, locally weakly foliated at 30 deg, 1-2% irregular red white												
		hematitic kspar albite ankerite veining.												

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		605.6-611.5											
		Pink grey nonmagnetic to weakly magnetic ankeritic fine grained trachyte tuff, massive to weakly bedded at 30-40 deg, 1-3%, 1-5 mm ankerite kspar +- quartz veining at 70-80 deg, gradational contacts.											
		611.5-618.7											
		Grey pink grey and green strongly magnetic ankeritic fine to medium grained trachyte tuff, massive to bedded at 30 deg, 1-10%, 1-10 mm wide, ankerite veining at 40-90 deg.								2			
			77142	614.30	615.50	1.20	<.03			10	tr		
		615.5-618.0	77143	615.50	616.30	0.80	<.03			5	tr		
		Ankerite veining cut by 1-2%, 1-10 mm grey quartz veining with ankerite rims at 30-70 deg, trace chalcopyrite in quartz veining and trace disseminated pyrite in hematitic altered vein wallrocks	77144	616.30	617.10	0.80	<.03			10	tr		
			77145	617.10	618.00	0.90	<.03			1			
			77146	618.00	618.70	0.70	<.03						
618.00	626.90	Trachyte											
		Purple grey to grey strongly magnetic ankeritic medium grained massive trachyte, 2-3%, 1-10 mm wide ankerite veining at 30-90 deg, <1% later quartz-ankerite veining, upper contact broken, lower contact is not well defined.											
626.90	650.90	Trachyte Tuff											
		626.9-647.0											
		Grey to pink grey strongly magnetic weakly ankeritic, weakly calcitic fine grained trachyte with 5% finely disseminated magnetite, massive to bedded at 30 deg, 1-2% ankerite +- quartz veining at 30-90 deg.											
		647.0-648.0											
		Dark grey strongly magnetic ankeritic trachyte /trachyte tuff with 10%, 0.2-1.5 cm wide irregular ankerite +- quartz kspar veining at 30-90 deg cut by 5%, 0.5-1.5 cm wide irregular later quartz - tourmaline ankerite veining at 70-90 deg with trace chalcopyrite, orange red altered hematite albite altered wallrocks.											
		648.0-650.9	77147	646.00	647.00	1.00	<.03			2			
		Dark grey to grey to grey beige strongly magnetic ankeritic fine grained trachyte tuff with 1-3%, 1-10 mm ankerite+- quartz kspar veining at 20-80 deg, trace pyrite.	77148	647.00	648.00	1.00	<.03			15	tr		
			77149	648.00	649.00	1.00	<.03			1			
			77150	649.00	650.00	1.00	<.03			1			
650.90	656.80	Quartz Carbonate Vein Zone	77151	650.00	650.90	0.90	<.03						
		Light orange white pink green beige magnetic ankeritic albitized silicified deformed trachyte tuff with 25%, 0.1-20 cm wide white porcelain white red ankerite albite kspar veining parallel to moderate foliation at 30-40 deg, 1% grey quartz in breccia fractures, 0.5-2% disseminated pyrite in quartz veining and altered wallrocks along ankerite-albite vein contacts, host rock has 1-3% finely disseminated magnetite, stronger albitized sections are weakly magnetic, contacts at 30-40 deg.	77152	650.90	651.50	0.60	<.03			20	2		
			77153	651.50	652.20	0.70	<.03			15	tr		
			77154	652.20	653.20	1.00	<.03			15	0.5		
			77155	653.20	654.20	1.00	<.03			20	0.5		
			77156	654.20	655.30	1.10	<.03			15	1		
			77157	655.30	656.10	0.80	<.03			15	1		
			77158	656.10	656.80	0.70	<.03			20	tr		
656.80	680.00	Trachyte Tuff	77159	656.80	657.80	1.00	<.03			10			
		Grey to pink grey strongly magnetic weakly ankeritic trachyte tuff to lapilli tuff with patchy irregular non magnetic orange red kspar albite alteration with 1-5% quartz-ankerite veining at trace pyrite.	77160	657.80	658.80	1.00	<.03			1			
			77161	658.80	659.80	1.00	<.03			1			
			77162	659.80	660.80	1.00	<.03			10	tr		
		659.8-660.8	77163	660.80	661.80	1.00	<.03			5			
		Orange red grey nonmagnetic strongly silicified albitized brecciated section with 5-8% ankerite vein an 2% grey quartz vein breccia matrix, irregular jagged contacts at 20-40 deg, trace pyrite.	77164	661.80	662.80	1.00	<.03			1			
			77165	662.80	663.70	0.90	<.03			3			
			77166	663.70	664.80	1.10	<.03			2			

DESCRIPTION : Hole No. PW10_12													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		660.8-680.0	77167	664.80	665.80	1.00	<.03			1			
		Grey beige grey to brown pink strongly magnetic weakly ankeritic and sericitic altered	77168	665.80	667.00	1.20	<.03			5	1		
		fine to medium grained trachyte tuff to trachyte with 1%, 1- 5mm red to grey red lucite	77169	667.00	668.00	1.00	<.03						
		phenos, weakly foliated at 40-50 deg to 664.2 m at 20-30 deg to 669.1 and then 30-40	77170	Blank									
		deg to 680 m, 1-3%, 1-10 mm wide ankerite kspar veining with sericitic altered wallrocks	77171	Au std # 6			2.61						
		over 2-5 mm parallel to foliation, locally trace to 1% disseminated pyrite in altered	77170	668.00	669.10	1.1	<.03			3	0.5		
		wallrocks.											
680.00	685.00	Lucite Trachyte Breccia											
		Dark grey to grey strongly magnetic ankeritic brecciated contact zone with 2-10 cm											
		subrounded to subangular lucite trachyte porphyry fragments with 2-10 mm dark red to											
		grey lucite phenos in fine to medium grained trachyte matrix, brecciation decreases with											
		depth, trace pyrite, 1% ankerite veining.											
685.00	712.20	Altered Mineralized Zone	77173	684.00	685.00	1.00	<.03			1			
		685.0-687.6	77174	685.00	685.80	0.80	<.03			3	0.5		
		Dark red magnetic strongly hematitic silicified altered lucite porphyry with 3% 1-10 mm	77175	685.80	686.70	0.90	<.03			5	1		
		wide irregular ankerite veining, 1-2% disseminated specularite, 1% disseminated fine to	77176	686.70	687.60	0.90	<.03			3	1		
		medium grained, unaltered sections weakly foliated at 30 deg.	77177	687.60	688.60	1.00	<.03						
		687.6-696.65 and 697.35-702.10	77178	688.60	689.70	1.10	<.03			1			
		Light grey and orange dark red magnetic ankeritic lucite trachyte with 2%, 2-10 cm wide	77179	689.70	690.60	0.90	<.03			1	tr		
		hematitic pyritic ankerite veined veins with 1-2% disseminated medium grained pyrite	77180	690.60	691.70	1.10	<.03						
		and trace molybdenite in fractures, 1%, 1-5 mm wide quartz-ankerite veining parallel to	77181	691.70	692.40	0.70	<.03			1	tr		
		weak foliation at 30 deg, trace pyrite and chalcopyrite in veining.	77182	692.40	692.90	0.50	<.03			10	3		
		696.65-697.35	77183	692.90	693.70	0.80	<.03			1			
		Orange red magnetic hematitic silicified lucite trachyte with 10%, 2-10 mm wide ankerite	77184	693.70	694.70	1.00	<.03			1	tr		
		quartz veining, 0.5% disseminated pyrite trace chalcopyrite and molybdenite.	77185	694.70	695.60	0.90	<.03			2	tr		
		702.1-705.1	77186	695.60	696.60	1.00	<.03			2	tr		
		Dark red orange red and grey magnetic hematitic silicified finely brecciated trachyte with	77187	696.60	697.40	0.80	<.03			10	0.5		
		10% ankerite veining, two phases early and late, and 5%, 1-3 cm wide grey quartz	77188	697.40	698.50	1.10	<.03			2	tr		
		veining at 60-90 deg, 5-10 % fine to medium grained pyrite in grey silicified breccia	77189	698.50	699.70	1.20	<.03						
		matrix and 1-2% finely disseminated fine to medium grained pyrite in hematite altered	77190	699.70	700.90	1.20	<.03			1			
		trachyte, trace pyrite and chalcopyrite in quartz veining.	77191	700.90	702.10	1.20	<.03			2	tr		
		705.1-707.8	77192	702.10	703.00	0.90	<.03			15	10		
		Grey magnetic ankeritic weakly silicified red spotted medium grained lucite trachyte, 2%,	77193	703.00	704.00	1.00	<.03			5	2		
		1-5 mm wide ankerite +- quartz veining at 30-40 deg, 1% disseminated pyrite. <3%	77194	704.00	705.10	1.10	<.03			15	10		
		fracture-controlled hematite alteration.	77195	705.10	706.00	0.90	0.14				1		
		707.8-712.2	77196	706.00	707.00	1.00	0.34			1	0.5		
		Red to orange red and grey magnetic to weakly magnetic ankeritic hematitic silicified	77197	707.00	707.80	0.80	0.14				0.5		
		finely brecciated altered trachyte with 5% 1-3 mm white irregular ankerite veining, 1-2%	77198	707.80	708.80	1.00	0.07			20	10		
		grey quartz +- ankerite veining and 5%, 2-5 cm wide, late white feldspar veining at 20-30	77199	708.80	709.80	1.00	0.55			20	10		
		deg with trace molybdenite pyrite and chalcopyrite, 10-15% fine to medium grained	77200	709.80	710.60	0.80	<.03			5	2		
		disseminated pyrite, 25% grey unaltered sections,10-25 cm wide at 30-40 deg with 10%	77201	710.60	711.60	1.00	0.07			20	10		
		finely disseminated magnetite.	77202	711.60	712.20	0.60	<.03			15	5		
			77203	712.20	713.20	1.00	<.03						

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
712.20	726.20	Altered Trachyte Tuff	77204	713.20	714.20	1.00	<.03			2	1			
		712.2-717.3	77205	714.20	715.00	0.80	<.03			2	tr			
		Grey magnetic ankeritic fine grained trachyte tuff with 5% disseminated magnetite, 1-2%,	77206	715.00	715.60	0.60	<.03			40	0.5			
		1-5 mm wide red white ankerite veining with hematite altered wallrocks parallel to weak	77207	715.60	716.50	0.90	<.03			1				
		foliation at 20 deg, <1%, 1-5 mm wide quartz veining with trace chalcopyrite in fractured	77208	716.50	717.30	0.80	<.03			1				
		at right angles to ankerite veining, trace disseminated pyrite, chloritic fractures at 30-50	77209	717.30	718.40	1.10	<.03							
		deg.	77210	718.40	719.50	1.10	<.03							
		715.15-715.40	77211	719.50	720.70	1.20	<.03			3	tr			
		Salmon pink and grey finely brecciated quartz vein at 20 deg with ankerite hematite	77212	720.70	721.90	1.20	<.03			1				
		breccia matrix, trace disseminated pyrite along vein contacts.	77213	721.90	722.90	1.00	0.21			1				
		717.3-722.9	77214	722.90	723.60	0.70	<.03			3	tr			
		Light green grey to salmon orange pink to red magnetic ankeritic weakly potassic /	77215	723.60	724.40	0.80	<.03			1				
		hematitic altered fine grained tuff with finely disseminated magnetite, fractured at 30-70	77216	724.40	725.20	0.80	<.03							
		deg, RQD 15%, 1-2% irregular ankerite +- quartz veining with dark red hematitic wall	77217	725.20	726.10	0.90	<.03			1	tr			
		rocks.	77218	726.10	727.40	1.30	<.03			3	tr			
		722.9-726.2	77219	727.40	728.40	1.00	<.03				0.5			
		Green to orange red magnetic ankeritic fine to medium grained trachyte tuff with 10-15%												
		hematite alteration as 2-5 mm spots and 5-50 cm wide irregular bands at 30-50 deg, 1%												
		ankerite veining altered bands.												
726.20	735.30	Trachyte Lapilli Tuff												
		Grey beige orange pink and dark red magnetic ankeritic heterolithic trachyte lapilli tuff												
		with 1-3%, 1-3 mm dark red to grey translucent altered lucite phenocrysts in tuff matrix,												
		clasts and crossing clast margins i.e. post deposition alteration, weakly foliated at 30												
		deg, orange red hematitic altered over upper 1.2 m with trace pyrite.												
735.30	751.40	Lucite Trachyte	77220	734.20	735.20	1.00	<.03							
		735.3-738.0	77221	735.20	736.10	0.90	<.03			5				
		Bright orange red and green grey magnetic strongly magnetic strongly hematitic altered	77222	736.10	737.00	0.90	<.03			2				
		trachyte to red spotted lucite trachyte, sharp weakly foliated upper contact at 30 deg,	77223	737.00	738.00	1.00	<.03			3	tr			
		gradational lower contact, 1-2%, 1-10 mm wide ankerite veining with biotite +-	77224	738.00	739.00	1.00	<.03			2	tr			
		tourmaline and +- trace chalcopyrite, trace pyrite in hematite alteration.	77225	739.00	740.00	1.00	<.03			1				
		738.0-746.2	77226	740.00	740.60	0.60	<.03			2	tr			
		Orange red dark red and green grey strongly magnetic lucite trachyte porphyry with 30-	77227	740.60	741.60	1.00	<.03			1	tr			
		50%, 0.2-1.0 cm dark red green grey red closely packed lucite phenocrysts in a green	77228	741.60	742.60	1.00	<.03				tr			
		grey weakly chloritic sericitic altered matrix, locally weakly foliated at 30 deg with	77229	742.60	743.60	1.00	<.03			1	tr			
		stretched green laths, scattered patchy hematite alteration with <1% ankerite veining,	77230	743.60	744.60	1.00	<.03			10	tr			
		trace pyrite and chalcopyrite along vein contacts and chloritic fractures.	77231	744.60	745.60	1.00	<.03			2	tr			
		746.2-747.95	77232	745.60	746.30	0.70	<.03			2				
		Green grey and red magnetic lucite trachyte, weakly foliated at 40-50 deg.	77233	746.30	747.10	0.80	<.03							
		747.95-751.4	77234	747.10	747.90	0.80	<.03			1				
		Bright orange red and grey magnetic strongly to weakly hematite altered lucite trachyte,	77235	747.90	748.70	0.80	<.03			5	tr			
		finely brecciated with 1-5% white ankerite +- quartz veining, upper contact marked by 10	77236	748.70	749.50	0.80	<.03			8	tr			
		cm wide hematitic very finely foliated band at 50 deg.	77237	749.50	750.40	0.90	<.03			8	tr			
			77238	750.40	751.40	1.00	<.03			5				
751.40	757.00	Fault Zone	77239	751.40	752.30	0.90	<.03							
		751.4-753.3	77240	752.30	753.30	1.00	<.03			1				
		Green beige and orange red nonmagnetic weakly sericitic chloritic hematitic altered	77241	753.30	754.00	0.70	0.07			10	3			
		brecciated lucite trachyte, muddy sericite chlorite fault slips at 5-70 deg, RQD 5%.	77242	754.00	755.00	1.00	<.03							

DESCRIPTION : Hole No. PW10_12														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
		753.3-754.0	77243	755.00	756.00	1.00	<.03			1	tr			
		Bright orange red hematitic altered brecciated trachyte with 10% ankerite breccia matrix,	77244	756.00	757.00	1.00	<.03			1	tr			
		3% finely disseminated pyrite, upper contact at 5-20deg marked by chlorite sericite fault	77245	757.00	758.00	1.00	<.03			1				
		slip.	77246	758.00	759.00	1.00	<.03			1				
		754.0-754.3	77247	759.00	759.80	0.80	<.03							
		Chloritic hematitic fault breccia at 50 deg with some gouge at 20 deg.	77248	759.80	760.80	1.00	<.03			2	tr			
		754.3-757.0	77249	Blank			<.03							
		Beige green grey and salmon red nonmagnetic to weakly magnetic weakly sericitic	77250	Au std # 6			2.50							
		brecciated altered lucite trachyte porphyry with chloritic fault slips at 50-30 deg, trace												
		disseminated pyrite and chalcopyrite stringers, lower contact marked by fault slip at 30												
		deg.												
757.00	760.80	Lucite Trachyte												
		Orange red and yellow beige magnetic sericitic hematitic altered red spotted lucite												
		trachyte with 30-40% orange red hematitic altered irregular lucite phenos in a sericitic												
		altered medium grained matrix, ground lower contact.												
760.80	799.20	Trachyte												
		760.8-770.2												
		Green dark grey and red magnetic ankeritic trachyte with scattered 2-10 mm red lucite												
		and patchy hematite alteration, chloritic fractured at 30-50 deg.	77251	769.20	770.20	1.00	<.03			2				
		770.2-772.35	77252	770.20	771.30	1.10	<.03			2	0.5			
		Maroon grey medium grained magnetic ankeritic trachyte with 10-15%, 2-20 cm wide	77253	771.30	772.40	1.10	<.03			5	1			
		wispy bright orange red hematite / potassic silicified alteration at 20-30 deg with 2%	77254	772.40	773.40	1.00	<.03			1				
		finely disseminated pyrite, 1% irregular ankerite veining in host rock.												
		772.35-790.0												
		Dark maroon purple grey magnetic ankeritic chloritic fractured mafic trachyte with dark												
		green chloritic laths and 1-3 mm dark red lucite phenos/spots, chloritic fractures at 20-70												
		deg, 1-3%, 1-5 mm wide, ankerite +_ quartz veining, gradational lower contact, RQD												
		50%.												
		790.0-799.2												
		Dark purple green grey magnetic mafic trachyte with 3%, 1-5 mm wide ankerite +- quartz												
		veining at 70-90 deg, patchy hematite alteration.												
799.20	807.80	Lucite Trachyte												
		Grey magnetic ankeritic lucite trachyte with 5%, 2-10 cm dark red lucite phenos in at												
		medium grained green grey trachyte matrix, 1% irregular ankerite veining.												
807.80	819.70	Trachyte	77255	807.70	808.80	1.10	<.03			2	tr			
		807.8-810.0	77256	808.80	810.00	1.20	<.03			2	tr			
		Salmon pink and grey magnetic fine to medium grained trachyte with 50-60% salmon												
		pink irregular wispy hematite alteration with 1% irregular 1 mm ankerite veining.												
		810.0-817.4												
		Green grey magnetic fine grained mafic trachyte with 5% irregular fracture-controlled												
		hematite alteration, 1% irregular ankerite veining, trace pyrite.												
		817.4-819.7	77257	816.40	817.40	1.00	<.03			1				
		Bright orange red and dark green grey magnetic hematitic silicified to cherty, brecciated	77258	817.40	818.60	1.20	<.03			10	0.5			
		altered trachyte with 1%, 1-2 mm ankerite veining and 2%, 1-3 cm wide quartz	77259	818.60	819.70	1.10	<.03			5	1			
		tourmaline veining, 1% finely disseminated pyrite and trace chalcopyrite in hematite	77260	819.70	820.70	1.00	<.03			2				

DESCRIPTION : Hole No. PW10_12															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
819.70	836.80	Lucite Trachyte											
		Dark grey to red grey magnetic red spotted lucite porphyritic mafic trachyte with 3-5%, 2-5 mm pink to dark red lucite phenos in a fine to medium grained mafic trachyte matrix, 1-2% irregular ankerite +- quartz veining.											
	836.80	EOH											
		Casing left in hole.											

PROPERTY: Pawnee			HOLE NUMBER: PW10_13					
Province:	Ontario	**DATE LOGGED:** July 8-23, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**			0	355	-70.0
Started:	7-Jul-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	579697	REFLEX	33	352.1	-68.9
Completed:	23-Jul-10	**UNITS:** Metres	**UTM N:**	5333060		90	351.5	-65.8
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	**ELEV :**	365		150	352.9	-63.8
			Length:	735.0		210	349.4	-62.2
						270	350.3	-60.8
PURPOSE:	To test at depth low grade gold zone intersected in hole PA90-11 and for the eastern strike extension o					330	349.2	-59.7
	pyritic feldspar porphyry dyke intersected in hole PW10-12					390	352.4	-58.2
COMMENTS:	Sample # 77261-77497, 227 half core samples, 5 gold standard samples and 5 blank samples were					450	354.4	-56.5
	assayed for Au g/t by Polymet Lab. RQD > 75% unless noted					510	353.8	-55.7
						570	353.1	-55.2
						630	354.9	-54.5
						690	355.0	-54.1

SUMMARY LOG: PW10_13			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**2.50**	OVB				Avg		
2.50	**22.20**	Sericitic Conglomerate						
22.20	**29.00**	Sericitic Mudstone and Conglomerate						
29.00	**45.00**	Sericitic Conglomerate						
45.00	**95.00**	Sericitic Conglomerate / Trachyte Lapilli Tuff						
95.00	**132.00**	Trachyte Agglomerate						
132.00	**143.80**	Trachyte Tuff						
143.80	**165.30**	Greywacke						
165.30	**195.80**	Chloritic Deformed Conglomerate						
195.80	**205.00**	Sericitic Greywacke						
205.00	**236.70**	Trachyte Agglomerate						
236.70	**244.70**	Altered Lucite Trachyte						
244.70	**268.75**	Lucite Trachyte						
268.75	**269.60**	Feldspar Porphyry						
269.60	**288.50**	Altered Lucite Trachyte						
288.50	**294.10**	Quartz Carbonate Vein Zone						
294.10	**296.70**	Trachyte Lapilli Tuff						
296.70	**315.90**	Altered Lucite Trachyte						
315.90	**318.00**	Trachyte Tuff						
318.00	**324.00**	Chloritic Altered Trachyte						
324.00	**351.30**	Altered Lucite Trachyte						
351.30	**374.00**	Altered Trachyte Tuff to Agglomerate						
374.00	**379.35**	Sericitic Greywacke and Siltstone						
379.35	**422.90**	Trachyte and Lucite Trachyte						
422.90	**435.50**	Altered Trachyte Lapilli Tuff Breccia						

SUMMARY LOG: PW10_13			ASSAY SUMMARY					
435.50	**456.80**	Trachyte	499.00	500.00	1.0	0.9		
456.80	**489.90**	Lucite Trachyte						
489.90	**526.60**	Altered Mineralized Zone	523.10	527.70	4.6	0.4		
526.60	**618.40**	Lucite Trachyte						
618.40	**644.00**	Altered Trachyte Lapilli Tuff to Tuff						
644.00	**686.90**	Trachyte Tuff						
686.90	**694.00**	Shear Zone	**692.90**	**694.00**	**1.1**	**11.3**		
694.00	**720.20**	Altered Trachyte						
720.20	**723.60**	Trachyte Lapilli Tuff						
723.60	**731.90**	Altered Trachyte						
731.90	**735.00**	Trachyte						
	735.00	EOH						

DESCRIPTION : Hole No. PW10 13

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	2.50	OVB											
		Casing to 3 m.											
2.50	22.20	Sericitic Conglomerate											
		Yellow beige to grey nonmagnetic ankeritic sericitic clast-supported polymictic											
		conglomerate with 0.2-5 cm rounded and stretched quartz, felsic intrusive, sediment											
		mafic and ultramafic volcanic pyritic feldspar porphyry clasts in a sericitic gritty matrix,											
		minor <10 cm sericitic mudstone beds at 20 deg, weakly foliated at 30 deg.											
22.20	29.00	Sericitic Mudstone and Conglomerate											
		Light yellow white to beige grey ankeritic sericitic finely bedded mudstone with 10% 20-											
		80 cm wide pebbly conglomerate horizons, bedding / foliation at 30 deg, trace cube											
		pyrite and barren quartz veining.											
29.00	45.00	Sericitic Conglomerate											
		29.0-421.1											
		Yellow beige grey nonmagnetic ankeritic clast-supported polymictic conglomerate,											
		coarser than unit at 2.5 m and more chloritic altered mafic volcanic clasts, 0.5-1.5 cm											
		pyritic feldspar porphyry and silicified pyritic trachyte clasts, weakly foliated at 30 deg											
		42.1-45.0											
		Sericitic conglomerate with 50% sericitic greywacke to siltstone interbeds.											
45.00	95.00	Sericitic Conglomerate / Trachyte Lapilli Tuff											
		Light yellow to white nonmagnetic ankeritic sericitic polymictic clast-supported											
		conglomerate with predominately altered white to light yellow sericitic altered felsic											
		trachyte tuff and or altered felsic intrusive clasts, occasional quartz, sediments, pyritic											
		greywacke, mafic intrusive and fuschitic ultramafic clasts, weakly foliated at 30 deg trace											
		pyrite cubes, increase in ankerite alteration below 68 m.											
95.00	132.00	Trachyte Agglomerate											
		95.0-106.0											
		Pink light grey beige wnite nonmagnetic strongly ankeritic1-5 cm stretched fine to											
		medium grained altered trachyte and trachyte tuff clasts in weakly sericitic felsic											
		tuffaceous matrix, no quartz or sediment clasts, weakly foliated at 35-40 deg, upper											
		contact at 20 deg.											
		98.4-98.8											
		Sericitic fault zone with 1-1.5 cm crushed faults at 30 deg.											
		102.28-102.31	77261	101.00	102.00	1.00	<.03						
		Off white 1.5-2.5 cm ankerite vein at 20 deg with trace galena and silvery sulphide	77262	102.00	102.50	0.50	<.03			2	tr	galena	
		arsenopyrite / pyrite?	77263	102.50	103.50	1.00	<.03						
		106.0-132.0											
		Red dark red light green grey to dark grey nonmagnetic clast supported trachyte											
		agglomerate breccia with rounded to angular, 0.5-15 cm wide increasing in size with											
		depth, trachyte and trachyte tuff clasts of various composition including red spotted lucite											
		trachyte and hematitic feldspar porphyritic in a felsic weakly sericitic altered tuffaceous											
		matrix, unsorted and undeformed, magnetic clasts below 123 m.											

DESCRIPTION : Hole No. PW10 13														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
132.00	143.80	Trachyte Tuff											
		132.0-138.6											
		Light beige grey to off white magnetic ankeritic weakly sericitic altered coarse grained											
		felsic trachyte tuff with3-5% finely disseminated pyrite, weakly foliated at 30 deg, sharp											
		upper contact at 20 deg.											
		138.6-143.8	77264	138.60	139.70	1.10	<.03			10			
		Contact zone between two tuff units, light grey ankeritic coarse grained massive tuffs to	77265	139.70	141.00	1.30	<.03			2			
		darker green grey fine grained weakly chloritic, weakly deformed greywacke, 1-5%, 0.5-2	77266	141.00	142.00	1.00	<.03			3			
		cm wide drag-folded ankerite veining, parallel to weak foliation at 20-30 deg with grey	77267	142.00	143.00	1.00	<.03			5			
		quartz ladder veining and minor traces of pyrite.	77268	143.00	143.80	0.80	<.03			5			
143.80	165.30	Greywacke											
		143.8-154.0											
		Grey with beige sericitic threads, magnetic ankeritic massive greywacke to tuffaceous											
		greywacke with 0.5-1 mm quartz grains, 5-10% fine to medium grained disseminated											
		magnetite, <1% ankerite veining.											
		154.0-165.3	77269	154.00	154.90	0.90	<.03			5			
		Grey green and beige grey magnetic ankeritic, sericitic, chloritic deformed greywacke	77270	154.90	155.80	0.90	<.03			10	tr		
		with 3-10%, 0.5-2.5 cm wide ankerite +- quartz veins and clots parallel to moderate	77271	155.80	156.70	0.90	<.03			3			
		foliation at 30 deg, minor traces of pyrite.	77272	156.70	157.70	1.00	<.03			5			
			77273	157.70	158.70	1.00	<.03			10	tr		
165.30	195.80	Chloritic Deformed Conglomerate											
		Dark green, grey to white, weakly magnetic ankeritic chloritic deformed altered	77274	170.90	171.90	1.00	<.03			10	tr		
		conglomerate with 1-3 cm wide chloritic to weakly sericitic stretched mainly altered	77275	171.90	172.90	1.00	<.03			8	tr		
		trachyte clasts in a medium grained weakly sericitic tuffaceous greywacke matrix with											
		quartz grains, 5-15%, 0.5-3 cm wide ankerite +- quartz veining parallel to moderate											
		foliation at 20-30 deg to 40 deg towards lower contact, locally traces of pyrite along vein											
		contacts, lower contact marked by 5 cm wide ankerite vein at 20-30 deg.											
195.80	205.00	Sericitic Greywacke	77276	195.70	196.40	0.70	<.03			8	tr		
		Light yellow green white nonmagnetic ankeritic weakly sericitic altered medium grained	77277	196.40	197.50	1.10	<.03			15	tr		
		altered tuffaceous greywacke 5-10%, 0.2-3 cm wide ankerite +- quartz veining parallel to	77278	197.50	198.60	1.10	<.03			2			
		moderate foliation at 40 deg, trace disseminated pyrite cubes along foliation planes.	77279	198.60	199.30	0.70	<.03			10	tr		
		203.5 & 203.55	77280	199.30	200.10	0.80	<.03			1			
		3 mm wide sericitic faults at 40 deg.	77281	200.10	201.00	0.90	<.03			3	tr		
		203.65-203.75	77282	201.00	202.00	1.00	<.03			5	tr		
		Grey and white quartz (70%) ankerite (20%) chlorite (10%) veining at 40 deg with trace	77283	202.00	203.20	1.20	<.03			10	tr		
		pyrite.	77284	203.20	203.90	0.70	<.03			20	tr		
			77285	203.90	204.90	1.00	<.03			20	tr		
205.00	236.70	Trachyte Agglomerate	77286	204.90	206.00	1.10	<.03			20			
		205.0-207.0	77287	206.00	207.00	1.00	<.03			10			
		Red and yellow beige hematitic (80%) and sericitic altered trachyte agglomerate with	77288	207.00	208.00	1.00	<.03			5			
		10% irregular quartz ankerite veining in 5-60 cm wide hematitic altered bands at 30 deg,											
		sharp upper contact at 30 deg, lower contact marked by 2 mm sericitic fault slip, upper											
		contact marked by two red 2 cm wide quartz veins at 30 deg in greywacke.											

DESCRIPTION : Hole No. PW10_13

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		207.0-221.8											
		Red dark purple red and lime green weakly magnetic to nonmagnetic ankeritic hematitic											
		altered trachyte agglomerate with 2-10 cm wide stretched red beige and green augite											
		trachyte and trachyte clasts in a fine to medium grained sericitic lime green altered											
		tuffaceous matrix, weakly foliated at 35 deg, 1-2%, 1-10 mm wide irregular ankerite +-											
		quartz veining, trace pyrite.											
		213.5-214.0											
		Lost core 0.5 m ? Signs of grinding but probably cumulative loss from 207 m.											
		221.8-229.3											
		Yellow lime green nonmagnetic ankeritic sericitic altered green spotted 1-10 mm augite											
		trachyte tuff, weakly to moderately foliated at 40-50 deg, 1% irregular ankerite veining.											
		229.3-236.7											
		Red dark purple red and lime green beige weakly magnetic to nonmagnetic ankeritic											
		hematitic trachyte agglomerate with 2-10 cm wide stretched red beige and green spotted											
		2-15 mm augite trachyte porphyry clasts in a fine to medium grained sericitic lime green											
		sericitic altered tuffaceous matrix, increasing sericite alteration towards lower contact, 1-											
		2% irregular ankerite veining.											
236.70	**244.70**	Altered Lucite Trachyte	77289	236.70	237.70	1.00	<.03			1			
		Light yellow lime green to beige green and red beige, nonmagnetic ankeritic weakly to	77290	237.70	238.70	1.00	<.03			2			
		moderately sericitic altered red and green spotted 2-15 mm lucite trachyte, locally 2-5%	77291	238.70	239.60	0.90	0.07			5	2		
		disseminated fine to medium pyrite, 1-10% irregular creamy white irregular ankerite	77292	239.60	240.30	0.70	<.03			3	1		
		veining.	77293	240.30	240.90	0.60	<.03			10	5		
		238.8-240.35	77294	240.90	241.80	0.90	<.03			10	tr		
		Stronger sericite alteration with 2% disseminated fine to medium grained pyrite and 8%	77295	241.80	242.70	0.90	<.03			5			
		ankerite veining, weakly foliated at 40 deg.	77296	242.70	243.70	1.00	<.03			1			
		240.35-241.9	77297	243.70	244.70	1.00	<.03			3			
		Sericitic fault breccia at 40-50 deg with 10% grey quartz fault breccia matrix, solid finely	77298	Blank			<.03						
		brecciated with pocked marked core surface, 5% fine to medium grained disseminated	77299	Au std # 6			2.64						
		pyrite, 5% ankerite veining.											
244.70	**268.75**	Lucite Trachyte	77300	264.50	265.50	1.00	<.03			2			
		Yellow beige lime green red and dark green grey nonmagnetic ankeritic weakly sericitic	77301	265.50	266.50	1.00	<.03			15	10		
		hematitic red spotted, 2-10 mm, lucite trachyte, 1% 0.2-1 cm ankerite vein in fractures at	77302	266.50	267.60	1.10	<.03			3	1		
		20-50 deg, locally stronger sericite hematite alteration with trace to 5% disseminated	77303	267.60	268.70	1.10	<.03			3			
		pyrite, trace chalcopyrite, gradational upper contact.	77304	268.70	269.60	0.90	<.03			2			
		265.5-267.6											
		Salmon red grey weakly hematitic altered section with 3%, 1-5 mm wide ankerite quartz											
		veining at various angles cut by 8-10%, 0.5-3 cm wide grey quartz-ankerite veins at 5-80											
		deg, 5% medium grained pyrite altered wall rocks and trace in veining.											
268.75	**269.60**	Feldspar Porphyry											
		Dark grey weakly magnetic feldspar porphyry dyke with 10%, 2-5 mm white to red											
		stained anhedral to rounded white feldspar phenocrysts in a fine grained dark grey											
		chloritic felsic matrix, 1-2%, 2-3 mm red lucite phenos, sharp upper contact at 30 deg,											
		very irregular lower contact.											

DESCRIPTION : Hole No. PW10_13														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
269.60	288.50	Altered Lucite Trachyte	77305	269.60	270.40	0.80	<.03			2			
		269.6-271.1	77306	270.40	271.10	0.70	<.03			5			
		Yellow beige lime green red and dark green grey nonmagnetic ankeritic weakly sericitic	77307	271.10	272.00	0.90	<.03			1	3		
		hematitic red spotted, 2-10 mm, lucite trachyte, 1%, 0.2-1 cm wide ankerite +- quartz	77308	272.00	272.80	0.80	<.03			1	3		
		veining at 20-70 deg, locally stronger sericite hematite alteration with trace to 5%	77309	272.80	273.70	0.90	<.03			2			
		disseminated pyrite.	77310	273.70	274.60	0.90	<.03			3			
		271.1-272.8	77311	274.60	275.60	1.00	<.03			1			
		Yellow beige to reddish grey weakly sericitic hematite altered with 3-5 % disseminated	77312	275.60	276.50	0.90	<.03						
		fine to medium grained pyrite, 1%, 1-5 mm ankerite veining at 30-50 deg, gradational	77313	276.50	277.50	1.00	<.03			2	1		
		contacts.	77314	277.50	278.40	0.90	<.03			2	3		
		272.8-279.8	77315	278.40	279.10	0.70	<.03			2	10		
		Dark green grey lime green and red grey nonmagnetic ankeritic sericitic silicified	77316	279.10	279.80	0.70	<.03			3	3		
		hematitic potassic altered red spotted lucite trachyte with 1-15 cm wide irregular	77317	279.80	280.80	1.00	<.03			3			
		hematitic silicified irregular "veins" with 5% disseminated medium grained pyrite, trace	77318	280.80	287.60	6.80	<.03			5	tr		
		chalcopyrite, 1-5% 1-10 mm wide irregular ankerite +- quartz and quartz +- ankerite	77319	287.60	288.50	0.90	<.03			3			
		veining at 5-90 deg with trace chalcopyrite.											
		279.8-288.5											
		Dark green grey red pink and lime green nonmagnetic ankeritic red spotted, 1-5 mm,											
		lucite trachyte with patchy irregular sericitic and hematitic potassic alteration, 1-2%, 1-5											
		mm irregular ankerite quartz veining, trace pyrite chalcopyrite.											
288.50	294.10	Quartz Carbonate Vein Zone	77320	288.50	289.40	0.90	<.03			15	tr		
		288.5-291.0	77321	289.40	290.20	0.80	<.03			5			
		Dark red purple silicified hematitic red spotted trachyte with 1-3%, 1-5 mm ankerite +-	77322	290.20	291.00	0.80	<.03			40	tr		
		quartz veining at 30-70 deg cut by 25%, 1-15 cm wide grey yellow white coarse grained	77323	291.00	292.00	1.00	<.03			5			
		quartz ankerite+- chlorite veining at 5-70 deg, trace chalcopyrite pyrite and galena in	77324	292.00	293.00	1.00	<.03			2			
		later veining.	77325	293.00	294.10	1.10	<.03			10	tr		
		291.0-294.1	77326	294.10	295.10	1.00	<.03			2			
		Green to lime green weakly magnetic ankeritic sericitic altered red spotted 1-2 mm lucite	77327	295.10	296.10	1.00	<.03			1			
		trachyte with 3-10%, 0.2-3 cm grey white quartz ankerite veining at 10-90 deg.	77328	296.10	296.90	0.80	<.03			2			
			77329	296.90	297.90	1.00	<.03			5			
294.10	296.70	Trachyte Lapilli Tuff	77330	297.90	298.90	1.00	<.03			1			
		Beige lime green dark green salmon pink magnetic sericitic altered trachyte lapilli tuff	77331	298.90	299.90	1.00	<.03			1			
		with 0.5-1.5 cm stretched salmon pink altered trachyte clasts in a fine to medium grained	77332	299.90	300.90	1.00	<.03			15			
		sericitic tuffaceous matrix, moderately foliated at 20-30 deg, 1-3% irregular ankerite	77333	300.90	302.00	1.10	<.03			2	1		
		quartz veining.	77334	302.00	303.00	1.00	<.03			1			
			77335	303.00	304.00	1.00	<.03			3			
296.70	315.90	Altered Lucite Trachyte	77336	304.00	305.00	1.00	<.03			1			
		296.7-309.7	77337	305.00	306.00	1.00	<.03			2			
		Dark green grey salmon red grey to red grey and lime green nonmagnetic to weakly	77338	306.00	307.00	1.00	<.03			2			
		magnetic ankeritic sericitic hematitic potassic and silicified red spotted 5-15 mm lucite	77339	307.00	308.00	1.00	<.03			3			
		trachyte with patchy sericitic and hematitic alteration, 1-5%, 1-5 mm ankerite+- quartz	77340	308.00	309.00	1.00	<.03			3			
		veining at 50-70 deg and 1-5%, 0.5-10 cm wide, quartz ankerite veining at 5-90 deg with	77341	309.00	309.70	0.70	<.03			1			
		trace chalcopyrite pyrite and galena, 1-3% disseminated pyrite in hematite altered zones.	77342	309.70	311.60	1.90	<.03				10	50% recovery	
			77343	311.60	312.60	1.00	0.07				1		
		309.7-313.7	77344	312.60	313.70	1.10	<.03			1	2		
		Salmon pink grey green grey silicified sericitic hematitic potassic altered red spotted 1-5	77345	313.70	314.80	1.10	<.03			1			
		mm lucite trachyte with 3-5% fine to medium grained disseminated pyrite, <1% ankerite	77346	314.80	315.90	1.10	<.03			2			
		veining, chloritic fractures at 20-50 deg.	77347	315.90	317.00	1.10	<.03			1			

DESCRIPTION : Hole No. PW10 13													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		309.7-311.6	77348	317.00	318.00	1.00	<.03			2			
		Ground core 5-10 cm long pieces, est. 50% recovery.	77349	Blank			<.03						
		313.7-315.9	77350	Au std # 6			2.61						
		Dark grey weakly magnetic ankeritic red spotted , 2-5 mm lucite trachyte, <1%, 1-5 mm wide hematitic ankerite veining.											
315.90	**318.00**	Trachyte Tuff											
		Yellow lime green and salmon pink weakly magnetic ankeritic sericitic altered trachyte tuff to lapilli tuff with 2%, 2-5 mm red lucite phenos, weakly foliated at 30--40 deg, contacts at 40 deg.											
318.00	**324.00**	Chloritic Altered Trachyte	77351	318.00	319.00	1.00	<.03			5			
		Dark green and salmon pink nonmagnetic chloritic + - silicified, hematitic altered trachyte	77352	319.00	320.00	1.00	<.03			5			
		with 40%, 1-5 cm wide, fracture controlled salmon pink potassic hematitic sericitic red	77353	320.00	321.00	1.00	<.03			3			
		spotted 1-3 mm lucite alteration bands / veins at 20-50 deg, 1-5% irregular ankerite	77354	321.00	322.00	1.00	<.03			2			
		veining, trace pyrite.	77355	322.00	323.00	1.00	<.03			2			
			77356	323.00	324.00	1.00	<.03			5			
324.00	**351.30**	Altered Lucite Trachyte											
		Dark black green lime green salmon pink and green beige weakly magnetic to nonmagnetic, ankeritic and variable chloritic sericitic hematitic and potassic altered trachyte and red spotted, 2-10 mm, trachyte with 0.5-3 m wide tuffaceous sections with 1 2 mm x 3 mm stretched green chloritic laths parallel to foliation at 30-40 deg, <1% irregular ankerite +- quartz veining with hematitic contacts.											
351.30	**374.00**	Altered Trachyte Tuff to Agglomerate											
		Lime green red dark green weakly magnetic to nonmagnetic ankeritic sericitic hematitic trachyte tuff to agglomerate with stretched hematitic clasts up to 6 cm, Lime green 10-50 cm wide sericitic medium grained tuff horizons with green stretched laths, 1-3%, 2-5 mm, beige red and green lucite phenos, bedding / foliation at 30-40 deg, 1-3%, 0.2-1.5 cm irregular ankerite veining with hematitic altered wallrocks.											
374.00	**379.35**	Sericitic Greywacke and Siltstone											
		Yellow grey nonmagnetic ankeritic sericitic altered fine grained greywacke and siltstones, finely bedded foliated at 40 deg, sharp upper and lower contacts at 30 deg.											
379.35	**422.90**	Trachyte and Lucite Trachyte											
		379.35-389.0											
		Tan beige pink grey weakly magnetic ankeritic fine to medium grained trachyte with local concentrations of 1-15 mm grey to red grey lucites in a weakly sericitic altered groundmass, weakly foliated at 30-40 deg highlighted by <1% ankerite veining with hematitic wallrocks.											
		380.9-381.70	77357	380.90	381.70	0.80	<.03			10			
		Pink potassic altered breccia zone with 5% chlorite and 10% ankerite breccia matrix, chloritic fractured at 40-50 deg.											
		389.0-395.6	77358	389.00	390.00	1.00	<.03			5			
		Dark green grey magnetic trachyte with 40%, 10-100 cm wide dark red to orange red	77359	390.00	391.00	1.00	<.03			3			
		hematitic and albitized irregular altered zones with 10-20% irregular ankerite and quartz	77360	391.00	392.00	1.00	<.03			10	tr		
		ankerite veining, trace pyrite and chalcopyrite in veining.	77361	392.00	393.00	1.00	<.03			10	tr		

DESCRIPTION : Hole No. PW10 13													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		395.6-408.8											
		Light tan beige grey magnetic ankeritic weakly sericitic altered fine grained trachyte with 1-3%, 1-10 mm, grey to pink grey translucent lucites and 1-2%, 1.2 mm green stretched green laths parallel to very weak foliation at 30-40 deg, <1% quartz ankerite veining.											
		408.9-409.8	77362	408.90	409.80	0.90	<.03			15			
		Dark red nonmagnetic strongly hematitic silicified zone at 30 deg with 15% irregular ankerite quartz +- tourmaline veining, trace pyrite.	77363	409.80	410.80	1.00	<.03			2			
		409.7-414.0											
		Dark green grey magnetic ankeritic fine grained mafic trachyte.											
		414.0-422.9											
		Light tan beige grey magnetic ankeritic weakly sericitic altered fine grained trachyte with 1-3%, 1-10 mm, grey to pink grey translucent lucites and 1-2%, 1.2 mm green stretched green laths parallel to very weak foliation at 40-20 deg towards lower contact, <1% quartz ankerite											
422.90	**435.50**	Altered Trachyte Lapilli Tuff Breccia	77364	422.90	423.90	1.00	<.03			2			
		Dark green grey dark red and lime green weakly magnetic to nonmagnetic, chloritic brecciated ankeritic chloritic hematitic and sericitic altered heterolithic trachyte lapilli tuff with 10-25% irregular patchy 5-70 cm wide hematitic altered sections with 10-15% ankerite +- quartz veining, trace pyrite, upper contact foliated at 20 deg, lower contact at 20-30 deg	77365	423.90	424.90	1.00	<.03			5	tr		
			77366	424.90	425.90	1.00	<.03			1			
			77367	425.90	426.70	0.80	<.03			3			
			77368	426.70	427.70	1.00	<.03			2			
			77369	427.70	428.60	0.90	<.03			15	tr		
			77370	428.60	429.50	0.90	<.03			10			
435.50	**456.80**	Trachyte	77371	429.50	430.50	1.00	<.03			5			
		435.5-445.7	77372	430.50	431.50	1.00	<.03			5			
		Tan beige grey to grey strongly magnetic ankeritic weakly sericitic altered fine grained trachyte, very weakly foliated at 30-40 deg, locally chloritic brecciated, <1% irregular ankerite veining.	77373	431.50	432.50	1.00	<.03			10			
			77374	432.50	433.50	1.00	<.03			5			
			77375	433.50	434.50	1.00	<.03			10			
		445.7-454.1	77376	434.50	435.50	1.00	<.03			15	tr		
		Grey magnetic massive trachyte.											
		454.1-456.8											
		Tan beige grey, strongly magnetic ankeritic weakly sericitic altered fine grained trachyte, very weakly foliated at 30-40 deg, <1% irregular ankerite veining, sharp lower contact at 40 deg.											
456.80	**489.90**	Lucite Trachyte											
		456.8-483.2											
		Green blue grey dark brown red strongly magnetic weakly ankeritic hard red and green spotted, 5-20 mm, lucite porphyritic trachyte with red hematitic bands 10-30 cm wide with red lucite pheno and wider 00.5-1.5 m weakly sericitic altered sections with green lucite phenos which locally over 5-10 cm are stretched at 40 deg, <1% ankerite quartz veining, 1-3% finely disseminated magnetite.											
		483.2-489.9											
		Light green grey and salmon pink weakly to non magnetic red and green spotted, 5-25 mm, sericitic and potassic altered lucite trachyte.											

DESCRIPTION : Hole No. PW10_13													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
489.90	526.60	Altered Mineralized Zone											
		489.9-505.0	77377	489.00	489.90	0.90	<.03			1			
		Red and pink white nonmagnetic albitized hematitic closely packed white spotted, 5-25	77378	489.90	491.00	1.10	<.03				0.5		
		mm, lucite porphyry trachyte 5-30 cm wide and 20-25 %, 2-30 cm wide beige blue green	77379	491.00	492.00	1.00	<.03				1		
		weakly sericitic chloritic biotitic bands weakly foliated at 30 deg, 0.5-2% medium grained	77380	492.00	493.00	1.00	<.03			2	1		
		pyrite cubes, 1% irregular patchy medium grained ankerite quartz veining with trace	77381	493.00	494.00	1.00	<.03			1	0.5		
		galena, 500-501 m increase in deformation strongly bright orange red albitized which	77382	494.00	495.00	1.00	<.03			1	1		
		destroys white lucite porphyry texture.	77383	495.00	496.00	1.00	<.03			3	1		
		505.0-513.0	77384	496.00	497.00	1.00	<.03			3	1		
		Red green grey tan beige nonmagnetic hematitic and weakly sericitic green and red	77385	497.00	498.00	1.00	<.03			1	1		
		spotted, 5-15 mm, lucite trachyte, trace sulphides, massive to weakly foliated at 40 deg	77386	498.00	499.00	1.00	<.03			5	0.5		
		highlighted by stretched green lucites.	77387	499.00	500.00	1.00	0.89				2		
		513.0-526.6	77388	500.00	501.00	1.00	<.03			1	2		
		Bright orange red nonmagnetic strongly hematitic albitized altered trachyte with 5-10%	77389	501.00	502.00	1.00	<.03			1	2		
		white irregular 1-10 mm ankerite veining and clots at 0-30 deg cut by 2-10 mm wide	77390	502.00	503.00	1.00	<.03				0.5		
		quartz-ankerite veining at 20-45 deg, trace to 1% medium grained pyrite and trace	77391	503.00	504.00	1.00	<.03				1		
		chalcopyrite mainly in altered ground mass, red zones are separated by 20%, 20-100 cm	77392	504.00	505.00	1.00	<.03				0.5		
		wide beige grey red and green spotted, 5-10 mm, lucite trachyte with trace to1%	77393	505.00	506.00	1.00	<.03				tr		
		disseminated medium grained pyrite and <1% ankerite veining.	77394	506.00	507.00	1.00	<.03						
			77395	507.00	508.00	1.00	<.03			1			
			77396	508.00	509.00	1.00	<.03			2			
			77397	509.00	510.00	1.00	<.03						
			77398	510.00	511.00	1.00	<.03						
			77399	Blank			<.03						
			77400	Au std # 6			2.61						
			77401	511.00	512.00	1.00	<.03			2	tr		
			77402	512.00	513.00	1.00	<.03			3	0.5		
			77403	513.00	514.00	1.00	<.03			3	0.5		
			77404	514.00	515.00	1.00	<.03				0.5		
			77405	515.00	516.00	1.00	<.03			10	1		
			77406	516.00	517.00	1.00	<.03			10	1		
			77407	517.00	518.10	1.10	<.03			10	1		
			77408	518.10	519.10	1.00	<.03			5	0.5		
			77409	519.10	520.10	1.00	<.03			10	1		
			77410	520.10	520.90	0.80	0.07			1	1		
			77411	520.90	521.70	0.80	<.03				0.5		
			77412	521.70	522.30	0.60	<.03			10	1		
			77413	522.30	523.10	0.80	0.07			10	1		
			77414	523.10	523.90	0.80	0.21			10	1		
			77415	523.90	524.90	1.00	0.14			5	0.5		
			77416	524.90	525.50	0.60	0.14			1	tr		
			77417	525.50	526.60	1.10	0.34			15	1		
			77418	526.60	527.70	1.10	0.82						
526.60	618.40	Lucite Trachyte	77419	543.60	544.70	1.10	0.27			5	1		
		526.6-540.8	77420	544.70	546.00	1.30	<.03						
		Beige and green grey nonmagnetic ankeritic weakly sericitic green spotted , 5-15 mm,	77421	546.00	547.20	1.20	<.03						
		altered lucite porphyry, weakly foliated at 40 deg highlighted by stretched lucite phenos,	77422	547.20	547.70	0.50	0.14				1		
		locally dark red 10-20 mm hematite altered lucite phenos over 15 cm, <1% quartz											

DESCRIPTION : Hole No. PW10_13													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		540.8-545.5											
		Beige green grey magnetic ankeritic green spotted, 2-10 mm, lucite trachyte, 10%, 10-30 cm wide irregular hematitic ankerite veined altered zones with 1% fine to medium grained pyrite.											
		545.5-553.5											
		Beige green grey strongly magnetic ankeritic weakly sericitic red spotted , 2-10 mm, lucite trachyte, locally isolated 0.2-3 cm wide hematitic ankerite veining with 1% pyrite.											
		553.5-559.9											
		Brown beige and blue green nonmagnetic sericitic altered green spotted 5-20 mm, lucite trachyte with blue green stretched lucite phenos in sericitic altered matrix with 10% 1-2 mm brown anhedral altered phenos??, weakly foliated at 25-30 deg.											
		556.0-556.5											
		50 cm lost core.											
		559.9-569.0											
		Darker green grey nonmagnetic, ankeritic more chloritic altered soft blue green spotted stretched, 5-15 mm, and hard red 5-10 mm, lucite trachyte, more massive.											
		569.0-603.6	77423	578.90	580.00	1.10	<.03			2			
		Brown red and blue green grey, nonmagnetic to weakly magnetic dark red spotted, 5-10 mm, hematitic altered lucite trachyte and stretched blue green chloritic talcose spotted, 5 15 mm, weakly sericitic lucite trachyte, massive to weakly foliated at 30-40 deg, locally trace chalcopyrite along chloritic fractures and ankerite vein contacts, 2-3% quartz ankerite veining in hematitic altered sections.	77424	580.00	581.00	1.00	<.03			3			
			77425	581.00	582.10	1.10	<.03			2			
		603.6-618.4											
		Grey blue green beige grey and brown red, non magnetic to weakly magnetic trachyte with decrease in red and green spotted, 5-10 mm, lucite to augite trachyte more massive weakly sericitic and chloritic altered strongly hematitic with 3% quartz ankerite veining over lower 60 cm, sharp lower contact at 30 deg.											
618.40	644.00	Altered Trachyte Lapilli Tuff to Tuff											
		618.4-627.2											
		Orange pink grey green grey nonmagnetic hematitic potassic altered heterolithic trachyte lapilli tuff with green and orange red pink trachyte clasts up to 5 cm in a coarse grained tuffaceous matrix, possibly altered conglomerate but no quartz, 30-50% fracture controlled hematite potassic alteration.											
		627.2-631.9	77426	627.20	628.00	0.80	<.03				tr		
		Grey to yellow beige grey nonmagnetic weakly sericitic medium grained altered tuff with trace pyrite, 1 cm sericitic fault with gouge at 35 deg at 631.0 m in broken core..	77427	628.00	629.00	1.00	0.07			1	tr		
			77428	629.00	630.00	1.00	<.03			1	tr		
		631.9-639.7	77429	630.00	631.00	1.00	0.41			3	tr		
		Dark grey and red weakly magnetic ankeritic coarse grained trachyte tuff, massive to weakly foliated at 30 deg.	77430	631.00	631.90	0.90	<.03				tr		
		639.7-644.0	77431	639.70	640.70	1.00	<.03			1			
		Dark red nonmagnetic strongly hematitic altered trachyte tuff, locally 5% ankerite +- quartz veining at 60-70 deg, trace disseminated chalcopyrite.	77432	640.70	641.90	1.20	<.03			1			
			77433	641.90	643.00	1.10	<.03			1			
			77434	643.00	644.00	1.00	<.03			5			

DESCRIPTION : Hole No. PW10_13													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
644.00	**686.90**	Trachyte Tuff	77435	669.40	670.50	1.10	<.03			1			
		644.0-671.6	77436	670.50	671.60	1.10	<.03			1			
		Grey to light beige grey strongly magnetic, weakly sericitic medium grained massive	77437	671.60	672.60	1.00	<.03			2	1		
		trachyte tuff with 1%, 0.5-1 mm disseminated magnetite, 1-2% scattered pink red and	77438	672.60	673.50	0.90	<.03			1	0.5		
		green lucite phenos, light grey weakly foliated at 30 deg and weakly sericitic but still	77439	673.50	674.40	0.90	<.03			2	1		
		magnetic below 669.4 m.	77440	674.40	675.40	1.00	<.03			1	tr		
		671.6-674.4	77441	675.40	676.50	1.10	0.07			2	tr		
		Pink grey nonmagnetic weakly ankeritic weakly sericitic potassic hematitic altered	77442	676.50	677.60	1.10	<.03			2	tr		
		coarse grained trachyte tuff, weakly foliated at 30-35 deg, 1% disseminated sericitic	77443	677.60	678.60	1.00	<.03			1	tr		
		leucoxene, 0.5-1% finely disseminated pyrite, 1-2%, 1-5 mm irregular ankerite +-quartz	77444	678.60	679.70	1.10	<.03			2	tr		
		veining.	77445	679.70	680.70	1.00	<.03			1			
		674.4-686.9	77446	680.70	681.70	1.00	<.03						
		Light green grey and pink magnetic to weakly magnetic ankeritic weakly hematitic and	77447	681.70	682.70	1.00	<.03			1	tr		
		sericitic altered trachyte tuff, weakly foliated at 30 deg, 1% irregular ankerite veining	77448	682.70	683.70	1.00	<.03			1	tr		
		trace pyrite in 5-10 cm wide hematitic altered bands parallel to foliation.	77449	Blank			<.03						
			77450	Au std # 6			2.67						
			77451	683.70	684.70	1.00	<.03			1	tr		
			77452	684.70	685.80	1.10	<.03			1	tr		
			77453	685.80	686.90	1.10	<.03						
686.90	**694.00**	Shear Zone	77454	686.90	687.90	1.00	<.03			1	0.5		
		686.9-689.9	77455	687.90	688.90	1.00	<.03			1	tr		
		Dark green olive yellow green and pink nonmagnetic chloritic sericitic deformed trachyte	77456	688.90	689.90	1.00	<.03			1	tr		
		tuff, moderately foliated at 30-35 deg, trace disseminated pyrite, 1% ankerite veining	77457	689.90	690.40	0.50	<.03				tr	60% recovery	
		parallel to foliation.	77458	690.40	691.20	0.80	<.03			1			
		689.9-690.4	77459	691.20	692.00	0.80	<.03			5	tr		
		Light yellow grey sericitic fault with crushed finely brecciated rock fragments in sericitic	77460	692.00	692.90	0.90	<.03			2			
		mud, upper contact broken, sharp lower contact at 30 deg, trace pyrite, 60% recovery	77461	**692.90**	**694.00**	**1.10**	**9.19**	**13.37**	**11.28**	10	1		
		according to driller's blocks.											
		690.4-694.0											
		Dark green olive yellow green and pink nonmagnetic chloritic sericitic deformed trachyte											
		tuff, moderately foliated at 30-35 deg, 1% ankerite veining parallel to foliation, 1%											
		disseminated pyrite over lower 1.1 m, at 693.6 on cut core surface, 1 cm wide ankerite											
		vein with 10 x 3 mm cluster of 25 **VG** pin pricks at upper contact, 5 **VG** pin pricks 1 cm											
		away in the vein, lower contact broken.											
694.00	**720.20**	Altered Trachyte	77462	694.00	695.00	1.00	<.03			1	tr		
		694.0-704.4	77463	695.00	696.00	1.00	<.03			3	tr		
		Light grey to beige grey nonmagnetic ankeritic sericitic altered augite porphyritic trachyte	77464	696.00	697.00	1.00	<.03			1			
		weakly foliated at 30 deg, 1-1.5 m wide sections alternating with pink red nonmagnetic	77465	697.00	698.00	1.00	<.03			5	0.5		
		ankeritic weakly hematitic potassic altered massive augite porphyritic trachyte sections 1	77466	698.00	699.00	1.00	<.03						
		1.5 m wide, 1% irregular ankerite +- quartz veining in both rock types, trace	77467	699.00	699.90	0.90	<.03			2			
		disseminated pyrite mainly in hematite altered sections.	77468	699.90	700.90	1.00	<.03			1			
		704.4-705.7	77469	700.90	701.80	0.90	<.03			2			
		Salmon pink nonmagnetic hematitic sericitic potassic altered augite trachyte with trace	77470	701.80	702.40	0.60	<.03			3			
		pyrite, 1% ankerite veining, interfingered upper contact at 20 deg, gradational lower	77471	702.40	703.70	1.30	<.03			10	tr		
		contact defined by magnetics.	77472	703.70	704.40	0.70	<.03			5			

DESCRIPTION : Hole No. PW10 13

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		705.7-715.3	77473	704.40	705.70	1.30	<.03			2			
		Red to dark red to purple red magnetic ankeritic hematitic altered augite porphyritic	77474	705.70	706.60	0.90	<.03			3	0.5		
		trachyte with 1-2 mm light grey weakly sericitic altered augite phenos, finely micro	77475	706.60	707.50	0.90	<.03			2	0.5		
		brecciated and fractured with 3% dark grey chloritic breccia matrix, 1-3% irregular 1-5	77476	707.50	708.40	0.90	<.03			1	tr		
		mm ankerite veining, 0.5-1% disseminated fine to medium grained pyrite cubes.	77477	708.40	709.40	1.00	<.03				0.5		
		715.3-720.2	77478	709.40	710.40	1.00	<.03			2	0.5		
		Grey to blue grey and beige pink magnetic ankeritic weakly chloritic and sericitic altered	77479	710.40	711.40	1.00	<.03			1	1		
		augite trachyte, weakly foliated at 30 deg to massive, 1% irregular ankerite veining,	77480	711.40	712.40	1.00	<.03			5	1		
		minor traces of pyrite, sharp lower contact at 30 deg.	77481	712.40	713.40	1.00	<.03			3	1		
			77482	713.40	714.40	1.00	<.03			5	1		
			77483	714.40	715.40	1.00	<.03			5	1		
			77484	715.40	716.40	1.00	<.03			2	tr		
720.20	**723.60**	Trachyte Lapilli Tuff											
		Grey beige and pink grey strongly magnetic ankeritic trachyte lapilli tuff with stretched											
		clasts up to 3 cm, weakly foliated at 30 deg, ,1% ankerite veining, trace pyrite.											
723.60	**731.90**	Altered Trachyte	77485	722.60	723.60	1.00	<.03			1			
		Grey to salmon red nonmagnetic to weakly magnetic ankerite hematitic altered medium	77486	723.60	724.30	0.70	<.03			3	0.5		
		grained trachyte with 20-30%, 1-50 cm wide irregular hematite altered "veins" with 1-5%	77487	724.30	725.00	0.70	<.03			2	0.5		
		ankerite +- quartz veining, trace to 2% fine to medium grained disseminated pyrite	77488	725.00	726.00	1.00	<.03			5	1		
		mainly in hematite alteration, 1-3%, 1-2 mm irregular white carbonate flecks in ground	77489	726.00	727.00	1.00	<.03			1	0.5		
		mass gangue through out section, sharp upper contact at 20 deg and sharp lower	77490	727.00	728.00	1.00	<.03			1	0.5		
		contact at 30 deg.	77491	728.00	729.00	1.00	<.03			2	1		
			77492	729.00	730.00	1.00	<.03			2	1		
			77493	730.00	731.00	1.00	<.03			1	1		
			77494	731.00	731.90	0.90	<.03			3	2		
			77495	731.90	732.90	1.00	<.03				tr		
			77496	Blank			<.03						
			77497	Au std # 6			2.64						
731.90	**735.00**	Trachyte											
		Blue green grey and light beige strongly magnetic ankeritic weakly sericitic altered augite											
		trachyte with sericitic altered augite phenos, weakly foliated at 30-35 deg enhance by 1-5											
		mm wide sericitic altered bands, 1-2%, 0.5-1 mm disseminated magnetite.											
	735.00	EOH											
		Casing left in hole.											

PROPERTY: Pawnee			HOLE NUMBER: PW10_14					
Province:	Ontario	**DATE LOGGED:** July 25-Aug 9, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W Benham	**Grid N**			0	360	-65.0
Started:	24-Jul-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	580079	REFLEX	30	8.1	-63.8
Completed:	5-Aug-10	**UNITS:** Metres	**UTM N:**	5332976		90	7.3	-62.8
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	ELEV:	358		150	5.0	-60.7
			Length:	475.1		210	9.0	-58.7
						270	11.2	-57.7
PURPOSE:	To magnetic lows and highs west of IP anomaly on southern contact of a syenite intrusive located 75 m					330	4.8	-56.5
	to the east on the Commodore Property					390	3.6	-57.5
COMMENTS:	Sample # 77498-77640, 139 half core samples, 2 gold standard samples and 2 blank samples were					474	6.6	-57.0
	assayed for Au g/t by Polymet Lab. RQD > 75% unless noted							

SUMMARY LOG: PW10_14			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
0.00	**3.00**	OVB						
3.00	**5.50**	Sericitic Greywacke						
5.50	**6.80**	Sericitic Mudstone						
6.80	**62.00**	Sericitic Conglomerate						
62.00	**109.85**	Trachyte Tuff						
109.85	**132.30**	Sericitic Conglomerate						
132.30	**132.70**	Fault Zone						
132.70	**144.50**	Sericitic Greywacke and Siltstones						
144.50	**151.90**	Altered Trachyte Tuff						
151.90	**173.70**	Sericitic Greywacke and Siltstones						
173.70	**218.20**	Trachyte Tuff						
218.20	**230.00**	Quartz Carbonate Vein Zone						
230.00	**236.80**	Altered Trachyte						
236.80	**260.80**	Altered Greywacke	416.7	435.7	19.0	0.7		
260.80	**279.10**	Trachyte Tuff	incl					
279.10	**283.85**	Greywacke and Siltstones	**416.7**	**420.2**	**3.5**	**2.5**		
283.85	**295.35**	Trachyte Agglomerate	and					
295.35	**319.70**	Trachyte Tuff	426.4	427.6	1.2	2.3		
319.70	**322.50**	Quartz Carbonate Vein Zone	and					
322.50	**379.80**	Altered Lucite Trachyte	434.7	435.7	1.0	1.3		
379.80	**402.40**	Trachyte						
402.40	**475.10**	Altered Lucite Trachyte	452.6	456.0	3.4	1.7		
	475.10	EOH						

DESCRIPTION : Hole No. PW10_14

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	3.00	OVB											
3.00	5.50	Sericitic Greywacke											
		Yellow beige grey coarse grained pebbly greywacke.											
5.50	6.80	Sericitic Mudstone											
		Light yellow grey ankeritic sericitic mudstone, finely bedded at 40 deg.											
6.80	62.00	Sericitic Conglomerate											
		6.8-38.0											
		Light yellowish grey nonmagnetic ankeritic weakly sericitic polymictic conglomerate with											
		ultramafic to mafic volcanic sediment and quartz clasts up to 5 cm, clasts are weakly											
		stretched parallel to weak foliation / bedding at 35-40 deg.											
		38.0-47.55											
		Finer grained sericitic conglomerate with clasts averaging less than 1 cm and 10-20 cm											
		wide coarse grained greywacke horizons.											
		47.55-62.0											
		Light yellowish grey ankeritic weakly sericitic coarse polymictic conglomerate with											
		cobbles up to 10 cm, finer sections are weakly foliated at 35-40 deg.											
62.00	109.85	Trachyte Tuff											
		62.0-62.8											
		Light yellow white sericitic altered trachyte tuff with sericitic leucoxene laths, sharp upper											
		contact at 40 deg, gradational lower contact.											
		62.8-71.9											
		Red to purple red nonmagnetic weakly hematitic coarse grained massive trachyte tuffs											
		or trachyte, 1%, 1-5 mm wide, irregular ankerite veining.											
		71.9-73.6	77498	71.90	72.70	0.80	<.03			5			
		Light lime beige green weakly sericitic altered tuff, 2%, irregular grey cherty quartz	77499	72.70	73.60	0.90	<.03			5			
		veining and 1% irregular ankerite veining, no sulphides.											
		73.6-104.0	77500	80.30	81.30	1.00	<.03			25			
		Red to purple red nonmagnetic weakly hematitic coarse grained trachyte tuffs, massive	77501	81.30	82.40	1.10	<.03			3			
		to weakly foliated at 40-50 deg, 1%, 1-10 mm wide ankerite +- quartz veining except	77502	82.40	83.50	1.10	<.03			5			
		where noted below.	77503	83.50	84.50	1.00	<.03			3			
		80.3-88.5	77504	84.50	85.50	1.00	<.03			15			
		5-10%, 1-15 cm wide, light grey drag folded quartz veining at 10-70 deg with 10%	77505	85.50	86.60	1.10	<.03			5			
		ankerite growths along contacts and weakly hematitic altered wallrocks, trace specularite	77506	86.60	87.60	1.00	<.03			15			
		and tourmaline no sulphides.	77507	87.60	88.50	0.90	<.03			5			
		88.8-109.85											
		Light grey nonmagnetic ankeritic more felsic looking fine grained trachyte tuff, weakly	77508	98.30	99.00	0.70	<.03			5			
		sericitic altered increasing with depth, weakly foliated at 40 deg.											
109.85	132.30	Sericitic Conglomerate											
		Lime yellow grey nonmagnetic ankeritic sericitic polymictic conglomerate with 1-5 cm											
		wide stretched clasts parallel to moderate foliation at 30 deg, sharp upper contact at 30											
		deg, 1-2%, 1-10 mm irregular ankerite veining.											

DESCRIPTION : Hole No. PW10_14													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		113.6-113.8											
		White barren quartz vein at 30-20 deg.											
		120.95-121.10	77509	120.80	121.40	0.60	<.03			30	tr		
		Grey brecciated quartz vein at 40-20 deg with 5% ankerite breccia matrix, trace fine grained pyrite.											
132.30	132.70	Fault Zone											
		Yellow green sericitic fault zone with 1 cm wide sericitic fault gouge contacts, foliated at 20 deg, 2% ankerite veining.											
132.70	144.50	Sericitic Greywacke and Siltstones											
		Light yellow green nonmagnetic ankeritic sericitic altered interbedded coarse grained greywacke and fine grained siltstones to mudstone, moderately to weakly foliated at 30-40 deg, 1% irregular ankerite and quartz veining.											
144.50	151.90	Altered Trachyte Tuff											
		Grey to light yellow green nonmagnetic ankeritic coarse grained feldspathic trachyte with 40%, 1-2 mm white feldspar phenos or clasts in finer grained matrix, massive to weakly foliated at 30 deg and sericitic over 0.5-2 m towards upper and lower contacts, 1-2%, 1-5 mm irregular ankerite veining.											
151.90	173.70	Sericitic Greywacke and Siltstones											
		Light yellow green grey and white nonmagnetic ankeritic sericitic altered interbedded coarse grained greywacke and siltstones, weakly to moderately foliated bedded at 35-45 deg, 1-3%, 0.2-1 cm wide, irregular ankerite +- quartz veining at 0-50 deg.											
173.70	218.20	Trachyte Tuff											
		173.7-180.4											
		Yellow grey nonmagnetic ankeritic weakly sericitic altered feldspathic coarse grained trachyte tuff with 30-5 %, 1-2 mm white feldspar phenos decreasing in number with depth along with sericite alteration, weakly foliated at 45 deg, sharp upper contact at 40 deg, 1% irregular ankerite veining.											
		180.4-190.4											
		Grey to light grey magnetic ankeritic medium to coarse grained trachyte tuff becoming darker and more massive with depth, finely disseminated magnetite, very weakly foliated at 45-50 deg, 1% ankerite veining.											
		190.4-200.1											
		Green grey magnetic ankeritic augite trachyte to trachyte tuff with 1-2 mm grey augite phenos in a green chloritic ground mass, unit above may be an alerted weakly deformed version of this rock type.											
		200.1-218.2											
		Grey light grey to beige grey magnetic ankeritic, locally weakly sericitic to chloritic altered medium grained feldspathic trachyte with 3-5% finely disseminated magnetite, weakly foliated at 45-50 deg, 1-2%, 1-10 mm wide irregular ankerite +- quartz veining cross cutting foliation, <1%, 1-3 cm wide light grey quartz +- ankerite veining.											

DESCRIPTION : Hole No. PW10 14														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
218.20	230.00	Quartz Carbonate Vein Zone	77510	217.20	218.20	1.00	<.03			2			
		Light grey beige grey and white magnetic ankeritic weakly sericitic altered trachyte with 5	77511	218.20	218.90	0.70	<.03			5	0.5	cp	
		25%, 0.2-5 cm wide irregular drag-folded ankerite +- grey quartz veining, 1%, 0.5-3 cm	77512	218.90	219.90	1.00	<.03			10			
		wide later quartz +_ ankerite veining, weakly foliated at 40-50 deg, gradational contacts,	77513	219.90	220.90	1.00	<.03			3			
		1% chalcopyrite and 0.5% pyrite along vein contacts in upper 0.7 m.	77514	220.90	222.00	1.10	<.03			10			
			77515	222.00	223.00	1.00	<.03			20			
			77516	223.00	224.00	1.00	<.03			25			
			77517	224.00	225.00	1.00	<.03			20			
			77518	225.00	226.00	1.00	<.03			10			
			77519	226.00	226.50	0.50	<.03			40			
			77520	226.50	227.30	0.80	<.03			3			
			77521	227.30	228.10	0.80	<.03			5			
			77522	228.10	229.00	0.90	<.03			20			
			77523	229.00	230.00	1.00	<.03			10			
230.00	236.80	Altered Trachyte											
		Light grey to green grey magnetic ankeritic weakly sericitic altered medium grained											
		feldspathic trachyte, very weakly foliated at 50 deg, 1-2%, 0.2-2 cm wide irregular drag-											
		folded light grey quartz ankerite veining at 0-60 deg.											
236.80	260.80	Altered Greywacke											
		236.8-243.7											
		Green grey to yellow beige nonmagnetic ankeritic sericitic coarse grained altered											
		greywacke with 1-2 mm green grey chloritic pitted quartz grains in a fine grained sericitic											
		altered matrix, 3-5%, 0.2-2 cm irregular ankerite +-quartz veining and clots, poorly											
		defined upper contact marked by change in magnetics, sharp lower contact at 40 deg.											
		243.7-260.8											
		Grey to grey green magnetic ankeritic weakly sericitic grading to chloritic fine grained											
		altered greywacke, massive to weakly foliated at 40-45 deg, 1-3%, 0.2-5 cm wide											
		irregular quartz ankerite veining, no sulphides.											
260.80	279.10	Trachyte Tuff											
		Dark grey to green grey magnetic ankeritic mafic trachyte tuff, weakly foliated at 40 deg,											
		poorly defined upper contact, sericitic over lower 1 m leading to sharp contact at 30 deg,											
		1-2%, 1-10 mm wide irregular ankerite quartz veining.											
		263.55-264.95	77524	263.60	264.30	0.70	<.03			10			
		Dark green and red grey chloritic weakly folded altered zone at 30-50 deg with 5-10%, 1-	77525	264.30	265.00	0.70	<.03			5			
		3 cm wide weakly hematitic brecciated quartz veining and 1-2%, 1-0 mm wide quartz	77526	265.00	266.30	1.30	<.03			3			
		ankerite veining, no sulphides.	77527	266.30	267.60	1.30	<.03			5			
		267.65-268.55	77528	267.60	268.60	1.00	<.03			90			
		White brecciated feldspar vein with 10% irregular grey quartz veining, no sulphides,											
		contacts at 20 and 55 deg.											
279.10	283.85	Greywacke and Siltstones											
		Yellow grey to light green yellow, nonmagnetic weakly sericitic altered interbedded											
		coarse grained greywacke and fine grained siltstones to mudstones, bedding/foliation at											
		30 deg.											

DESCRIPTION : Hole No. PW10 14														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
283.85	295.35	Trachyte Agglomerate											
		Grey and beige grey nonmagnetic mafic trachyte agglomerate with 1-5 cm grey and											
		sericitic beige grey stretched fine to medium grained trachyte and trachyte tuff clasts in a											
		medium to coarse grained mafic trachyte tuff matrix, weakly foliated at 30 deg.											
295.35	319.70	Trachyte Tuff											
		Grey and light grey nonmagnetic mafic to intermediated coarse grained trachyte tuff with											
		2% 1-2 mm red hematite altered clasts, weakly sericitic altered over upper 25 cm.											
		295.6-296.3	77529	295.60	296.30	0.70	<.03			80			
		Light green beige grey and purple grey ankerite quartz veined foliated altered zone at 40											
		deg, no sulphides.											
319.70	322.50	Quartz Carbonate Vein Zone	77530	319.70	320.90	1.20	<.03			25			
		Pink light beige green sericitic moderately foliated altered trachyte tuff with 30%, 1-10 cm	77531	320.90	321.80	0.90	<.03			10			
		wide, ankerite quartz and feldspathic veins parallel to foliation at 30-35 deg, muddy	77532	321.80	322.50	0.70	<.03			20			
		chloritic fault slips at 35 deg, no sulphides.	77533	322.50	323.50	1.00	<.03			2			
322.50	379.80	Altered Lucite Trachyte											
		322.5-329.4											
		Light yellow beige nonmagnetic ankeritic sericitic altered green spotted, 5-15 mm, lucite											
		trachyte porphyry, weakly foliated at 30 deg, sharp lower contact at 20 deg.											
		329.4-331.1											
		Light yellow beige nonmagnetic ankeritic fine to medium grained more massive sericitic											
		altered trachyte with 1%, 1 mm grey purple red lucite.											
		331.1-362.4											
		Yellow beige nonmagnetic ankeritic weakly sericitic lucite porphyry with 20-30%, 2-15											
		mm grey red purple lucite phenos in a fine grained sericitic matrix, 1% grey 3-5 mm											
		rounded grey quartz phenos.											
		347.7-347.9 and 354.0-354.8	77534	349.00	350.00	1.00	<.03			3			
		Brown orange red altered zones at 20-30 deg with 1-3% grey quartz veining and white											
		ankerite veining, trace pyrite.	77535	354.00	354.80	0.80	<.03			5			
		362.4-365.2											
		Light yellow nonmagnetic ankeritic sericitic weakly silicified lucite trachyte with 1%, 2-15	77536	361.40	362.40	1.00	<.03						
		mm orange red lucites, weakly sericitic fractured at 25-30 deg, trace disseminated	77537	362.40	363.50	1.10	<.03			1	0.5		
		chalcopyrite and pyrite.	77538	363.50	364.30	0.80	<.03			1	tr		
		362.9-363.1	77539	364.30	365.10	0.80	<.03			1	tr		
		Black green chloritic breccia zone at 40-35 deg with 1% disseminated pyrite and trace	77540	365.10	365.90	0.80	<.03			15	tr	cp, Mo	
		chalcopyrite.	77541	365.90	366.80	0.90	<.03			35	0.5	cp, Mo	
		365.2-366.8	77542	366.80	367.80	1.00	<.03						
		Sericitic trachyte with 25%, 1-30 cm wide light grey glassy quartz veining and 5%, 1-3	77543	367.80	368.90	1.10	<.03			2	tr		
		cm chlorite veining at 20-30 deg, 5% orange red feldspar and 2% ankerite veining in	77544	368.90	370.00	1.10	<.03			1	tr		
		quartz, 0.5-1% 1-5 mm chalcopyrite blebs, trace molybdenite and trace to 0.5% pyrite in	77545	370.00	371.00	1.00	<.03			1	tr		
		veining, irregular drag-folded veined contacts to zone.	77546	371.00	372.00	1.00	<.03			2	tr		
		366.8-373.1	77547	372.00	373.10	1.10	<.03			1			
		Purple grey to dark maroon red to yellow green nonmagnetic ankeritic hematitic altered											
		red spotted, 2-15 mm, lucite trachyte, 1%, 1-10 mm ankerite veining at 20-30 deg, trace											
		disseminated pyrite.											

DESCRIPTION : Hole No. PW10 14														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		373.1-379.8											
		Light beige green grey to grey magnetic ankeritic weakly sericitic altered red and green spotted, 2-5 mm, lucite trachyte, sharp lower contact at 50 deg, 1-2%, 1-10 mm wide irregular ankerite +-quartz veining at 20-70 deg.											
379.80	**402.40**	Trachyte											
		379.8-389.2											
		Dark green grey magnetic chloritic ankeritic mafic trachyte to trachyte tuff with 2%, 1-3 cm ovoid lighter sericitic altered trachyte clasts in a medium grained tuff matrix.											
		389.2-402.4	77548	389.20	390.30	1.10	<.03			1	tr		
		Dark green magnetic calcitic chloritic coarse grained massive mafic trachyte tuff or	77549	Au std # 6			2.61						
		altered mafic trachyte, 1-3% brown red patchy fracture controlled wispy hematite	77550	Blank			<.03						
		alteration, 0.5% finely disseminated pyrite, lower contact interfingered at 20 deg.	77551	390.30	391.40	1.10	<.03						
			77552	391.40	392.40	1.00	<.03			1	tr		
402.40	**475.10**	Altered Lucite Trachyte	77553	392.40	393.40	1.00	<.03			1	tr		
		402.4-411.2	77554	393.40	394.40	1.00	<.03				tr		
		Blue green yellow beige and pink nonmagnetic ankeritic sericitic green spotted, 2-15	77555	394.40	395.40	1.00	<.03				tr		
		mm, lucite trachyte with chloritic talcose altered lucites in fine to medium grained sericitic	77556	395.40	396.40	1.00	<.03				tr	hem	
		altered matrix with trace 1 mm red grey lucites, <2% irregular pink potassic	77557	396.40	397.40	1.00	<.03				tr	hem	
		veining/alteration with <1%, 1-5 mm grey quartz veining with trace chalcopyrite blebs.	77558	397.40	398.40	1.00	<.03				tr	hem	
		411.2-416.7	77559	398.40	399.40	1.00	<.03				tr		
		Light orange pink and yellow green nonmagnetic ankeritic sericitic altered red and green	77560	399.40	400.40	1.00	<.03				tr		
		spotted, 2-15 mm, lucite trachyte with 10%, 2-25 cm wide pink potassic altered ankerite	77561	400.40	401.40	1.00	<.03				tr		
		brecciated veining/alteration with 1% grey quartz veining with 0.55 chalcopyrite blebs,	77562	401.40	402.40	1.00	<.03				tr		
		trace pyrite.	77563	402.40	403.30	0.90	<.03						
		416.7-418.6	77564	403.30	404.20	0.90	<.03						
		Grey to beige grey nonmagnetic ankeritic silica flooded finely brecciated altered lucite	77565	404.20	405.20	1.00	<.03						
		trachyte with 1-3% 0.5-2 mm irregular wispy albite veining and breccia matrix, 3-5%	77566	405.20	406.30	1.10	<.03			2			
		finely disseminated pyrite, upper contact at 20 deg, lower contact at 70 deg marked by 2	77567	406.30	407.30	1.00	<.03			3	tr	cp	
		mm albite vein.	77568	407.30	408.20	0.90	<.03			3			
		418.6-423.6	77569	408.20	409.20	1.00	<.03						
		Blue green to yellow beige nonmagnetic ankeritic sericitic green spotted 5-15 mm, lucite	77570	409.20	410.20	1.00	<.03						
		trachyte porphyry, weakly foliated at 20 deg marked by stretched blue green chloritic	77571	410.20	411.20	1.00	<.03						
		talcose altered lucite phenos (?) in sericitic altered matrix, trace pyrite and chalcopyrite in	77572	411.20	412.10	0.90	<.03					cp	
		weak patchy potassic alteration.	77573	412.10	413.00	0.90	<.03			3		cp	
		420.3	77574	413.00	414.00	1.00	<.03			5		cp	
		Graphitic fault slip at 20 deg.	77575	414.00	414.70	0.70	<.03						
		423.6-431.5	77576	414.70	415.70	1.00	<.03						
		Pink yellow beige and blue green grey nonmagnetic ankeritic weakly sericitic and	77577	415.70	416.70	1.00	<.03						
		silicified altered green grey pink spotted, 5-20 mm, lucite porphyry with 0.5-5% finely	77578	416.70	417.70	1.00	**4.87**	**4.80**	**4.83**	5	3		
		disseminated pyrite.	77579	417.70	418.60	0.90	**2.26**	**2.47**	**2.37**	10	5		
		424.8-425.05	77580	418.60	419.40	0.80	<.03						
		Beige to dark grey fine grained sericitic chloritic altered zone at 30 deg with 2% pyrite,	77581	419.40	420.20	0.80	**1.58**	**2.61**	**2.09**				
		sharp upper contact at 30 deg, diffuse lower contact.	77582	420.20	421.30	1.10	<.03						
		426.4-427.6	77583	421.30	422.40	1.10	<.03						
		Olive grey and grey sericitic silicified zone with silicified lucites and 5% finely	77584	422.40	423.50	1.10	<.03						
		disseminated pyrite, 1%, 1-2 mm albite quartz veining parallel to weak foliation at 30	77585	423.50	424.50	1.00	<.03				tr		
		deg, 2 mm graphitic fault at 30 deg at 427.6 m, sharp upper contact at 30 deg,	77586	424.50	425.40	0.90	0.07						
		gradational lower contact.	77587	425.40	426.40	1.00	<.03						

DESCRIPTION : Hole No. PW10 14														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		431.5-434.7	77588	426.40	427.60	1.20	**2.33**	**2.26**	**2.30**	2	5		
		Blue green to yellow beige nonmagnetic ankeritic sericitic green spotted 5-20 mm, lucite	77589	427.60	428.60	1.00	0.27			0.5			
		trachyte porphyry, weakly foliated at 20 deg marked by stretched blue green chloritic	77590	428.60	429.40	0.80	<.03			tr			
		talcose altered lucite phenos (?) in sericitic altered matrix, trace pyrite, sharp lower	77591	429.40	430.50	1.10	0.07			tr			
		contact at 50 deg.	77592	430.50	431.50	1.00	0.96			1			
			77593	431.50	432.60	1.10	<.03						
			77594	432.60	433.70	1.10	<.03						
			77595	433.70	434.70	1.00	<.03						
			77596	434.70	435.70	1.00	**1.10**	**1.58**	**1.34**	**1**			
			77597	435.70	436.60	0.90	0.34			1			
			77598	436.60	437.50	0.90	<.03			0.5			
			77599	Blank			<.03						
			77600	Au std # 6			2.61						
		434.7-447.2	77601	437.50	438.50	1.00	<.03			1	tr		
		Pink yellow beige and blue green grey nonmagnetic ankeritic weakly sericitic and	77602	438.50	439.50	1.00	<.03				tr		
		silicified altered green grey pink grey spotted, 5-20 mm, lucite porphyry with trace to 1%	77603	439.50	440.50	1.00	<.03			1	tr		
		finely disseminated pyrite, 1%, 1-2 mm wide irregular quartz albite veining.	77604	440.50	441.50	1.00	<.03			1	1		
		443.3-445.0	77605	441.50	442.40	0.90	<.03				1		
		Chloritic fracture at 5-0 deg along core axis.	77606	442.40	443.30	0.90	<.03				tr		
		447.2-447.4	77607	443.30	444.20	0.90	<.03				0.5		
		Salmon pink to brown orange red silicified albitized potassic altered vein at 40-50 deg	77608	444.20	445.00	0.80	<.03				0.5		
		with 2%, 1-5 mm wide grey to dark grey irregular quartz veining with trace chalcopyrite	77609	445.00	446.00	1.00	<.03				1		
		blebs, pyrite and molybdenite.	77610	446.00	447.10	1.10	<.03				1		
		447.4-451.7	77611	447.10	447.80	0.70	<.03			3	tr	cp mo	
		Grey beige green and blue green nonmagnetic ankeritic silicified weakly sericitic grey	77612	447.80	448.80	1.00	<.03				tr		
		and green spotted, 5-15 mm, altered lucite porphyry, weakly foliated at 40 deg, trace to	77613	448.80	449.60	0.80	<.03				tr		
		1% disseminated pyrite cubes in grey irregular silicified "veins".	77614	449.60	450.70	1.10	<.03			1	tr		
		448.85-449.50	77615	450.70	451.70	1.00	<.03			1	tr		
		Light yellowish white to grey bleached felsic "dyke" at 40 deg with 3%, 1-2 cm wide,	77616	451.70	452.60	0.90	0.69				1		
		altered pyritic lucite porphyry lenses at 30-40 deg.	77617	452.60	453.40	0.80	**3.15**	**3.5**	**3.33**		3		
		451.7-455.0	77618	453.40	454.20	0.80	0.89				3		
		Grey yellow beige green and blue green nonmagnetic ankeritic weakly sericitic silicified	77619	454.20	455.00	0.80	0.55				3		
		grey and green spotted, 5-20 mm, altered lucite porphyry with silicified lucite phenos and	77620	455.00	456.00	1.00	**2.26**	**1.51**	**1.89**		2		
		stretched blue green lucites parallel to weak foliation at 20-30 deg, sharp upper and	77621	456.00	457.00	1.00	<.03			3	1		
		lower contacts marked by sericitic fault slips at 30 deg, 1-3% fine to medium grained	77622	457.00	458.00	1.00	<.03			1	0.5		
		disseminated cube pyrite.	77623	458.00	459.00	1.00	<.03				tr		
		455.0-469.0	77624	459.00	460.00	1.00	<.03				tr		
		Pink yellow beige grey and blue green nonmagnetic ankeritic silicified altered grey and	77625	460.00	461.00	1.00	<.03				tr		
		green spotted, 5-20 mm, lucite porphyry with 25-35%, 5-40 cm wide grey to pink silicified	77626	461.00	462.00	1.00	<.03			2	1		
		"veins" at 5-50 deg with 1-3% disseminated fine to medium grained pyrite, 1%, 0.1-1 cm	77627	462.00	463.00	1.00	<.03			2	1		
		wide irregular quartz ankerite feldspathic veining.	77628	463.00	464.00	1.00	<.03			3	2		
		464.0-465.2	77629	464.00	465.20	1.20	<.03			10	2		
		10%, 1-10 mm wide irregular white grey albite quartz veining at all angles in 80% grey	77630	465.20	466.00	0.80	<.03				1		
		silicified lucite porphyry, 2% fine to medium grained disseminated pyrite.	77631	466.00	467.00	1.00	<.03				2		
		469.0-470.0	77632	467.00	468.00	1.00	<.03				2		
		Dark grey to grey fine grained silicified and sericitic altered contact zone with 2%	77633	468.00	469.00	1.00	<.03				3		
		disseminated pyrite and trace finely disseminated molybdenite, 5% irregular white grey	77634	469.00	470.00	1.00	<.03			5	3		
		albite quartz veining, sharp upper contact at 30 deg, lower contact marked by sericitic	77635	470.00	470.50	0.50	<.03				1		
		fault slip at 5-15 deg.	77636	470.50	471.50	1.00	<.03				tr		

DESCRIPTION : Hole No. PW10_14

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)
		470.0-475.1	77637	471.50	472.50	1.00	0.14				tr
		Beige yellow green grey and green nonmagnetic ankeritic weakly sericitic altered grey	77638	472.50	473.50	1.00	<.03				tr
		spotted, 2-15 mm, lucite porphyry, silicified with 1% pyrite over upper 50 cm wide altered	77639	473.50	474.40	0.90	<.03			1	tr
		contact zone.	77640	474.40	475.10	0.70	<.03				
	475.10	EOH									
		Casing left in hole.									

PROPERTY: Pawnee			HOLE NUMBER: PW10_15					
Province:	Ontario	**DATE LOGGED:** Aug 9-18, 2010	**Grid E**		**Method**	**Depth**	**Az corr.**	**Dip**
Township	Lebel	**LOGGED BY:** W. Benham	**Grid N**			0	340	-70.0
Started:	8-Aug-10	**DRILLED BY:** Major Drilling Group International Inc.	**UTM E:**	579247	REFLEX	30	341.9	-70.4
Completed:	17-Aug-10	**UNITS:** Metres	**UTM N:**	5333026		90	341.9	-67.5
CORE SIZE:	NQ	**CORE LOCATION:** Upper Canada	ELEV:	362		150	342.0	-66.6
			Length:	501.0		270	340.8	-65.6
						330	340.5	-64.7
PURPOSE:	To test for the western strike extension of pyritic feldspar porphyry with anomalous gold intersected					390	342.3	-64.4
	in hole PW10_12 100 m to the east.					450	342.1	-64.2
COMMENTS:	Sample # 77641-77664, 22 half core samples, 1 gold standard samples and 1 blank samples were					501	341.9	-63.9
	assayed for Au g/t by Polymet Lab. RQD > 75% unless noted							

SUMMARY LOG: PW10_15			ASSAY SUMMARY					
From	**To**	**Lithology**	**From**	**To**	**Meters**	**Au g/t**		
						Avg		
0.00	**2.60**	Overburden						
2.60	**50.50**	Chloritic Mudstones						
50.50	**52.50**	Greywacke						
52.50	**60.90**	Sericitic Mudstones Greywacke						
60.90	**100.60**	Conglomerate						
100.60	**182.10**	Tuffaceous Conglomerate to Trachyte Lapilli Tuff to Agglomerate						
182.10	**215.30**	Trachyte Agglomerate Breccia						
215.30	**254.90**	Conglomerate to Trachyte Agglomerate						
254.90	**258.30**	Mudstone Siltstone Greywacke						
258.30	**262.00**	Feldspar Porphyry						
262.00	**325.00**	Trachyte Tuff / Trachyte						
320.00	**326.00**	Fault Zone						
326.00	**371.00**	Trachyte /Trachyte Tuff						
371.00	**501.00**	Trachyte	497.2	498.1	0.9	6.0		
	501.00	EOH	498.1	499.8	1.7	0.3		

DESCRIPTION : Hole No. PW10_15

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	2.60	Overburden											
2.60	50.50	Chloritic Mudstones											
		Dark grey and yellow grey nonmagnetic deformed contorted drag-folded weakly sericitic											
		moderately chloritic mudstones with 0.2-2 m medium grained weakly sericitic greywacke											
		horizons, 5% irregular white quartz +- ankerite veining 10-50 cm wide, moderate foliation											
		at 30-40 deg, more sericitic altered below 40.9 m.											
		28.5-34.0											
		Predominately massive medium grained sericitic greywacke with 20% chloritic mudstone											
		horizons 5-80 cm wide.											
		39.5-39.6 and 40.7-40.9											
		Grey muddy faults with gouge at 30 deg.											
50.50	52.50	Greywacke											
		Grey ankeritic weakly sericitic altered coarse grained massive greywacke.											
52.50	60.90	Sericitic Mudstones Greywacke											
		Yellow to grey ankeritic sericitic altered mudstones with 3-25 cm wide medium to coarse											
		grained greywacke to pebbly greywacke horizons, bedding at 25-30 deg, sharp lower											
		contact at 30 deg.											
60.90	100.60	Conglomerate											
		60.9-70.5											
		Grey to yellow grey ankeritic weakly sericitic altered polymictic clast-supported											
		conglomerate with rounded to stretched volcanic, sedimentary, jasper, quartz and green											
		carbonate clasts up to 5 cm in greywacke matrix, weakly foliated at 25-30 deg, finer											
		grained over lower 1.5 m, sharp lower contact at 30 deg.											
		70.5-100.6											
		Yellow grey ankeritic sericitic conglomerate with clasts less than 1 cm to coarse grained											
		pebbly greywacke, 5-20 cm wide medium to coarse grained greywacke horizons.											
100.60	182.10	Tuffaceous Conglomerate to Trachyte Lapilli Tuff to Agglomerate											
		100.6-115.0											
		Grey to pink grey ankeritic nonmagnetic tuffaceous conglomerate to trachyte lapilli tuff											
		with 1-5 cm, subrounded to subangular pink grey to grey medium grained trachyte clasts											
		in grey tuffaceous matrix, occasional yellow grey sericitic sediments clasts, weakly											
		foliated at 20-30 deg, irregular upper contact at 15 deg.											
		109.8-110.2											
		Chloritic fault breccia zone at 15 deg.											
		115.0-182.1											
		Green and grey pink magnetic calcitic weakly ankeritic matrix supported tuffaceous											
		trachyte lapilli tuff to agglomerate with 0.5-5 cm pink grey pink and greenish white											
		stretched trachyte and green mafic clasts in a fine to medium grained chloritic calcitic											
		tuffaceous matrix, no quartz or jasper etc, weakly foliated at 30 deg, 1-2% irregular pink											
		white calcite veining.											

DESCRIPTION : Hole No. PW10_15														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
182.10	215.30	Trachyte Agglomerate Breccia												
		Dark red and dark green strongly magnetic calcitic matrix-supported trachyte agglomerate breccia with 1-10 cm subangular to subrounded dark red magnetic hematitic massive to feldspar porphyritic trachyte clasts in a medium grained dark green tuffaceous matrix, undeformed, 1-3%, 0.1-3 cm irregular pink calcite veining, sharp upper contact at 20 deg.												
215.30	254.90	Conglomerate to Trachyte Agglomerate												
		Green grey beige strongly magnetic calcitic clast supported conglomerate to trachyte agglomerate with 1-15 cm rounded to subrounded trachyte, trachyte tuff, siltstone mafic volcanic syenite and some quartz (but no jasper) clasts in a fine grained chloritic matrix, 1-2% irregular calcite veining.												
254.90	258.30	Mudstone Siltstone Greywacke												
		254.9-257.55												
		Dark green beige and light grey nonmagnetic interbedded greywacke siltstone and mudstone, massive to finely bedded at 40 deg, 1-3% 2-10 mm wide brecciated quartz veining parallel to bedding, trace disseminated pyrite, sharp upper contact at 30 deg lower contact marked by quartz veining, 40% 5-10 cm wide light grey quartz ankerite veining at 30-40 deg over lower 65 cm.	77641	253.90	254.90	1.00	0.27				tr			
			77642	254.90	255.90	1.00	<.03			2	tr			
			77643	255.90	256.90	1.00	<.03			1	tr			
			77644	256.90	257.70	0.80	<.03			40	tr			
		257.55-258.3	77645	257.70	258.30	0.60	<.03			1	tr			
		Conglomerate to trachyte agglomerate as at 215.3 m.	77646	258.30	259.20	0.90	<.03							
			77647	259.20	260.10	0.90	<.03			3				
258.30	262.00	Feldspar Porphyry	77648	260.10	261.00	0.90	<.03			1				
		Light beige grey magnetic weakly sericitic feldspar porphyry dyke with 20%, 1-3 mm anhedral to euhedral tabular off white feldspar phenos in fine grained sericitic felsic matrix, 2% finely disseminated magnetite, upper contact at 30 deg, lower contact at 5-40 deg.	77649	261.00	262.00	1.00	<.03			1				
			77650	Blank			<.03							
			77651	Au std # 6			2.40							
262.00	325.00	Trachyte Tuff / Trachyte												
		262.0-267.2												
		Black strongly magnetic calcitic massive fine grained gritty mafic ash tuff.												
		267.1-273.15												
		Dark green magnetic ankeritic mafic trachyte tuff with 1-3 mm dark green clasts in fine grained sericitic matrix, massive to weakly bedded at 30 deg, 1-2%, 1-10 mm wide ankerite quartz veining.												
		272.15-304.0												
		Black dark grey green nonmagnetic calcitic massive fine grained mafic trachyte crystal tuff or coarse grained augite lucite porphyritic trachyte with 1-2 mm red phenos, 1-2%												
		304.0-325.0												
		Black dark green grey strongly magnetic ankeritic, massive to weakly foliated at 30 deg, fine to medium grained mafic trachyte tuff, 1-3%, 0.2-5 cm irregular ankerite +- quartz veining.												
320.00	326.00	Fault Zone												
		Dark green broken core in fault zone upper contact marked by chloritic fault breccia at 30 deg, lower contact at 40 deg marked by 1 cm wide ankerite vein, 60% recovery.												

DESCRIPTION : Hole No. PW10_15

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
326.00	**371.00**	Trachyte /Trachyte Tuff											
		326.0-342.0											
		Dark black grey green strongly magnetic massive ankeritic mafic trachyte augite crystal											
		tuff or trachyte porphyry with 1-2%, 1-2 dark red lucite phenos, 1-3%, 1-5 cm irregular											
		342.0-371.0											
		Dark black green strongly magnetic calcitic massive coarse grained mafic augite											
		trachyte or crystal tuff with white calcite flecks, <1% irregular calcite veining.											
371.00	**501.00**	Trachyte	77652	367.10	367.80	0.70	<.03			20	tour		
		371.0-414.15											
		Green grey to red strongly magnetic calcitic, weakly hematitic massive medium grained											
		mafic trachyte, more hematitic below 394 m.	77653	376.00	376.50	0.50	<.03			10	tour		
		367.1-367.8	77654	376.50	377.50	1.00	<.03						
		Two 10 cm grey black quartz tourmaline chlorite veins at 50-60 deg.	77655	377.50	378.40	0.90	<.03			1			
		371.7-376.0	77656	378.40	379.00	0.60	<.03			20	tour		
		Broken core probably due to driller's hammering core from tube.	77657	379.00	380.00	1.00	<.03			10	tour		
		376.0-387.0	77658	380.00	380.50	0.50	<.03			10	trem tour		
		Grey quartz, tremolite-tourmaline and massive tourmaline veining, 5-15 cm wide at 30-											
		70 deg in hematitic weakly epidote altered trachyte, no sulphides	77659	385.80	387.00	1.20	<.03			10	tour		
		414.15-497.2											
		Dark black green and red strongly magnetic, strongly calcitic with white mottled texture,											
		1-2% calcite +- quartz veining, weakly fractured to massive medium grained mafic											
		trachyte, locally 5-15 cm wide red hematitic and beige green bleached weakly sericitic											
		altered bands at 40 deg.											
		497.2-498.1	77660	496.20	497.20	1.00	<.03						
		Pink beige white sericitic altered trachyte with 20 %, 1-3 cm wide, quartz (10%) ankerite	77661	**497.20**	**498.10**	**0.90**	**5.90**	**6.10**	**6.00**	20	2	cpy, tour	
		(10%) veining at 5-90 deg with 5% tourmaline, 2% medium grained pyrite and 1% fine	77662	498.10	498.60	0.50	0.21				tr		
		grained chalcopyrite disseminated in altered trachyte and along vein contacts, upper	77663	498.60	499.80	1.20	0.34			2			
		contact at 5 deg, lower contact in broken core.	77664	499.80	501.00	1.20	<.03			1			
		498.1-498.8											
		Broken core chloritic mafic trachyte with chloritic fault slips, trace pyrite.											
		498.8-501.0											
		Dark green weakly magnetic chloritic ankeritic calcitic medium grained mafic trachyte,											
		1%, 1-2 cm wide, ankerite veining and 1% , 1-5 mm wide, irregular pink white calcite											
		veining.											
	501.00	EOH											

PROPERTY: Pawnee			HOLE NUMBER: PW10_16					
Province:	Ontario	DATE LOGGED: Aug 19-Sept 4, 2010	Grid E		Method	Depth	Az corr.	Dip
Township	Lebel	LOGGED BY: W Benham	Grid N			0	330	-70.0
Started:	18-Aug-10	DRILLED BY: Major Drilling Group International Inc.	UTM E:	578308	REFLEX	30	331.7	-68.4
Completed:	4-Sep-10	UNITS: Metres	UTM N:	5332873		90	334.0	-67.3
CORE SIZE:	NQ	CORE LOCATION: Upper Canada	ELEV :	353		150	336.5	-65.9
			Length:	726.4		210	337.3	-65.4
						270	339.4	-64.9
PURPOSE:	To test Pawnee Shaft Zone at depth					330	340.2	-64.8
						390	340.7	-64.4
COMMENTS:	Sample # 77665-78000, 320 half core samples, 8 gold standard samples and 8 blank samples were assayed for Au g/t by Polymet Lab. RQD > 75% unless noted					450	344.0	-62.9
						510	345.5	-61.9
						570	347.6	-60.3
						630	349.7	-60.1
						690	347.0	-59.2
						726	354.3	-58.1

SUMMARY LOG: PW10_16			ASSAY SUMMARY					
From	To	Lithology	From	To	Meters	Au g/t		
0.00	2.50	Overburden						
2.50	24.40	Sericitic Greywacke						
24.40	43.80	Sericitic Conglomerate						
43.80	52.20	Sericitic Mudstone						
52.20	61.50	Sericitic Greywacke						
61.50	72.40	Sericitic Mudstone	70.0	71.0	1.0	0.4		
72.40	76.80	Sericitic Conglomerate						
76.80	113.40	Trachyte Agglomerate Breccia						
113.40	119.70	Altered Trachyte Tuff						
119.70	127.20	Altered Trachyte						
127.20	235.20	Trachyte						
235.20	284.90	Trachyte Tuff	283.3	284.3	1.0	1.1		
284.90	314.15	Trachyte						
314.15	354.50	Trachyte Tuff						
354.50	359.00	Quartz Carbonate Vein Zone						
359.00	387.40	Trachyte Tuff						
387.40	399.40	Trachyte						
399.40	418.00	Altered Trachyte						
418.00	426.00	Altered Greywacke						
426.00	443.10	Altered Trachyte Tuff						
443.10	450.75	Fault Breccia Zone						
450.75	467.00	Altered Conglomerate						
467.00	484.50	Quartz Carbonate Vein Zone	468.0	476.3	8.3	0.3		
484.50	554.80	Altered Trachyte Tuff						
554.80	615.80	Trachyte	493.0	493.7	0.7	1.0		
615.80	632.20	Trachyte Tuff						

SUMMARY LOG: PW10_16			ASSAY SUMMARY					
632.20	**643.70**	Altered Trachyte Tuff	504.0	507.6	3.6	**1.3**		
643.70	**674.40**	Trachyte						
674.40	**678.00**	Fault Zone						
678.00	**695.00**	Trachyte Tuff						
695.00	**702.55**	Trachyte Agglomerate						
702.55	**705.80**	Fault Zone						
705.80	**725.35**	Trachyte Agglomerate to Lapilli Tuff						
725.35	**726.40**	Trachyte						
	726.40	EOH						

DESCRIPTION : Hole No. PW10_16															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
0.00	2.50	Overburden											
		Initial block was marked in error as 9 m versus 6 m. Drillers corrected error at 66 m in box # 15.											
2.50	24.40	Sericitic Greywacke											
		2.5-22.5											
		Light beige yellow nonmagnetic ankeritic moderately sericitic altered fine to medium grained greywacke with scattered 1-3 cm stretched grey pyritic chloritic tuffaceous greywacke clasts, moderately bedded and foliated at 30 deg, 1%, 0.2-1.5 cm wide, white barren quartz ankerite veining parallel to foliation and cross cutting at 5-50 deg.	77665	22.50	23.50	1.00	<.03			15	tr		
		22.5-24.4	77666	23.50	24.40	0.90	<.03			15			
		Weakly brecciated contact zone with 15%, 1-3 cm irregular grey white quartz ankerite veining, trace pyrite.											
24.40	43.80	Sericitic Conglomerate											
		Beige green yellow nonmagnetic ankeritic weakly sericitic altered matrix-supported conglomerate with,1-3 cm stretched to subrounded to rounded unsorted siltstone mudstone and grey pyritic chloritic tuffaceous greywacke clasts in fine to medium grained greywacke matrix, locally weakly foliated at 30 deg.											
43.80	52.20	Sericitic Mudstone											
		Dark yellow olive green and grey ankeritic sericitic carbonated mudstone moderately bedded foliated at 25-30 deg.											
52.20	61.50	Sericitic Greywacke	77667	54.50	55.50	1.00	<.03						
		Light beige yellow ankeritic sericitic fine to medium grained greywacke, weakly bedded / foliated at 25 deg, <1% irregular quartz ankerite veining.	77668	55.50	56.00	0.50	<.03			3	0.5	cpy	
			77669	56.00	57.00	1.00	<.03						
		55.75-55.85											
		50%, 1-2 cm wide white dark grey quartz ankerite chlorite veining at 20 deg with 1% pyrite and trace chalcopyrite along vein contacts.											
61.50	72.40	Sericitic Mudstone	77670	63.00	64.00	1.00	<.03			1	tr		
		Light yellow ankeritic moderately sericitic altered mudstone, moderately foliated bedded at 25 deg, 1-15%, 0.2-3 cm wide white irregular quartz veining, locally trace to 1% dark grey brecciated pyritic quartz stringers e.g. 64-67.5 m.	77671	64.00	65.00	1.00	<.03			2	1		
			77672	65.00	66.20	1.20	<.03				0.5		
			77673	66.20	67.50	1.30	<.03			20	tr		
		67.0-67.05	77674	67.50	68.50	1.00	<.03			15			
		1.5 cm wide sericitic brecciated fault at 50 deg to foliation.	77675	68.50	69.50	1.00	<.03			15			
		69.65-69.85	77676	69.50	70.00	0.50	<.03			40	0.5	cpy	
		Quartz ankerite vein at 20 deg with 3%, 1-2 mm wide dark grey brecciated quartz stringers with trace pyrite, 1%, 2-3 mm chalcopyrite blebs.	77677	70.00	71.00	1.00	0.41				tr		
			77678	71.00	72.00	1.00	<.03			5			
			77679	72.00	73.00	1.00	<.03			3			
72.40	76.80	Sericitic Conglomerate	77680	73.00	74.00	1.00	<.03			2			
		Light yellow and grey ankeritic sericitic clast supported conglomerate, weakly foliated at 25 deg, 0.5% disseminated pyrite from 74.9-76.8 m.	77681	74.00	74.90	0.90	<.03						
			77682	74.90	75.80	0.90	<.03				1		
			77683	75.80	76.80	1.00	<.03				0.5		

DESCRIPTION : Hole No. PW10_16														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
76.80	113.40	Trachyte Agglomerate Breccia	77684	76.80	77.80	1.00	<.03				tr			
		Grey red salmon red and brick red, nonmagnetic ankeritic clast supported trachyte agglomerate breccia to conglomerate with 0.5-10 cm heterolithic subangular to subrounded hematitic altered trachyte clasts in a green grey fine to medium grained weakly sericitic altered tuffaceous matrix, Locally, e.g. at 90 m, clasts are rounded and looks more like a conglomerate buts clasts are still predominantly trachyte with occasional siltstone clasts but no quartz or jasper, upper contact at 25 deg.												
		87.2-88.0	77685	99.20	100.20	1.00	<.03							
		Fault zone with 1-2 mm wide yellow sericitic faults at 15-0 deg, 2% ankerite veining.	77686	100.20	101.00	0.80	<.03			10				
		100.2-106.2	77687	101.00	102.00	1.00	<.03			1				
		Brecciated hematitic ankerite vein zone with, 1-15%, 0.5-3 cm wide, irregular white ankerite vein breccia matrix at 5-20 deg with trace chalcopyrite blebs, <1%, 1-2 cm wide grey white quartz ankerite veining.	77688	102.00	103.00	1.00	<.03			3				
			77689	103.00	104.00	1.00	<.03			3		cpy		
			77690	104.00	105.00	1.00	<.03			15		cpy		
		103.0-103.75	77691	105.00	106.00	1.00	<.03			10		cpy		
		Fault zone with 1-5 mm wide black green chloritic muddy faults at 15-5 deg.	77692	106.00	107.00	1.00	<.03							
		108-110	77693	107.00	108.20	1.20	<.03			1				
		Red spotted lucite trachyte porphyry clasts up to 20 cm wide.	77694	108.20	109.20	1.00	<.03							
		112.3-113.3	77695	109.20	110.30	1.10	<.03			1				
		Grey pink beige sericitic and weakly foliated at 30-20 deg.	77696	110.30	111.30	1.00	<.03			2				
			77697	111.30	112.30	1.00	<.03							
			77698	112.30	113.40	1.10	<.03			2				
			77699	Au std # 6			2.57							
			77700	Blank			<.03							
113.40	119.70	Altered Trachyte Tuff	77701	113.40	114.30	0.90	<.03			2	tr			
		Light beige yellow grey nonmagnetic ankeritic sericitic altered feldspathic trachyte tuff, weakly foliated at 20-30 deg, trace to 1% finely disseminated pyrite, upper contact marked by 40 cm wide sericitic fault at 20 deg, lower contact by 25 cm wide sericitic shear zone with trace pyrite and 10% 1 cm grey orange quartz feldspar veining parallel to foliation at 30 deg.	77702	114.30	115.40	1.10	<.03			1	0.5			
			77703	115.40	116.40	1.00	<.03			1	tr			
			77704	116.40	117.40	1.00	<.03			3	1			
			77705	117.40	118.50	1.10	<.03			2	0.5			
			77706	118.50	119.70	1.20	<.03			5	tr			
		116.7-117.4												
		Silicified zone at 30-40 deg with 1% ankerite quartz veining and 1% disseminated pyrite, gradational contacts.												
119.70	127.20	Altered Trachyte	77707	119.70	120.40	0.70	<.03			2				
		Grey pink and yellow green nonmagnetic sericitic potassic altered fine to medium grained altered trachyte, weakly fractured to brecciated with sericitic fractures at 30-40 deg, 2% irregular ankerite veining, trace pyrite, gradational lower contact from 125 m as core becomes less altered more massive and magnetic.	77708	120.40	121.10	0.70	<.03			2	tr			
			77709	121.10	122.10	1.00	<.03			2				
			77710	122.10	123.00	0.90	<.03			2	tr			
			77711	123.00	124.00	1.00	<.03			2	tr			
		120.4-121.1	77712	124.00	125.00	1.00	<.03			5				
		Chloritic sericitic fault at 0-30 deg along core axis.												
127.20	235.20	Trachyte												
		127.2-137.0												
		Green to red green magnetic ankeritic chloritic to weakly hematitic altered medium grained massive mafic trachyte, 1-2% 1-10 mm wide ankerite veining at various angles and sericitic altered wallrocks.												
		137.0-147.0												
		Green grey to red grey magnetic calcitic massive mafic trachyte with 1% irregular calcite veining.												

DESCRIPTION : Hole No. PW10_16													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		147.0-159.5	77713	152.90	153.90	1.00	<.03			2			
		Pink red grey magnetic ankeritic chloritic fractured altered trachyte with 1-40%, 0.2-40	77714	153.90	154.90	1.00	<.03			3			
		cm wide white pink orange red irregular ankerite feldspar +-quartz veining with trace	77715	154.90	156.00	1.10	<.03			10	tr		
		pyrite and specularite, chlorite fracturing at 0-40 deg.	77716	156.00	157.00	1.00	<.03			5			
		159.5-192.5	77717	157.00	157.70	0.70	<.03			50	tr		
		Dark black green to red green strongly magnetic calcitic medium grained massive mafic	77718	157.70	158.70	1.00	<.03			1			
		trachyte, 1%, 1-10 mm pink white calcite veining at 20-50 deg.	77719	158.70	159.50	0.80	<.03			3			
		192.5-199.1											
		Dark red to green grey magnetic ankeritic hematitic chloritic altered trachyte, chloritic	77720	193.30	194.30	1.00	<.03			10			
		fractured at 30-40 deg, 1-2%, 0.2-10 cm white ankerite quartz veining at 30-70 deg, 1%,											
		1-5 mm irregular orange red feldspar quartz ankerite veining.	77721	198.00	199.10	1.10	<.03			2			
		199.1-205.7											
		Grey to red grey magnetic weakly hematitic altered more massive trachyte.											
		205.7-227.2	77722	205.70	206.60	0.90	<.03			3	tr		
		Red to orange red magnetic to weakly magnetic, ankeritic, hematitic potassic altered	77723	206.60	207.60	1.00	<.03			10			
		trachyte, 1-30%, 0.5-30 cm wide white ankerite quartz chlorite feldspar veining at 10-90	77724	207.60	208.60	1.00	<.03			2			
		deg occasional with chloritic fault slip contacts, trace to 1% finely disseminated pyrite	77725	208.60	209.70	1.10	<.03			1			
		over 10-50 cm widths usually in stronger potassic altered zones adjacent to veining,	77726	209.70	210.80	1.10	<.03			1	tr		
		RQD 70%.	77727	210.80	211.90	1.10	<.03			5	tr		
		222.65-222.85	77728	211.90	213.00	1.10	<.03			8	tr		
		Hematitic chloritic muddy fault breccia zone at 40-30 deg.	77729	213.00	214.10	1.10	<.03			5	tr		
		227.2-235.2	77730	214.10	215.30	1.20	<.03			3	tr		
		Red grey magnetic ankeritic hematitic altered medium grained trachyte, weakly chloritic	77731	215.30	216.40	1.10	<.03			25	tr		
		fractured at 40-50 deg.	77732	216.40	217.50	1.10	<.03			30	tr		
			77733	217.50	218.50	1.00	<.03			1			
			77734	218.50	219.50	1.00	<.03						
			77735	219.50	220.50	1.00	<.03						
			77736	220.50	221.50	1.00	<.03			3	tr		
			77737	221.50	222.50	1.00	<.03						
			77738	222.50	223.50	1.00	<.03			15			
			77739	223.50	224.50	1.00	<.03			1			
			77740	224.50	225.50	1.00	<.03			3			
			77741	225.50	226.50	1.00	<.03			1	1		
			77742	226.50	227.20	0.70	<.03			2	1		
235.20	284.90	Trachyte Tuff	77743	235.20	236.10	0.90	<.03			1			
		235.2-249.8	77744	236.10	236.80	0.70	<.03			1			
		Pink grey to salmon red magnetic ankeritic chloritic fractured trachyte tuff, weakly	77745	236.80	237.80	1.00	<.03			20			
		foliated at 25-40 deg, 1-15%, 0.2-10 cm white ankerite +- light grey quartz veining at 20-	77746	237.80	238.70	0.90	<.03			15			
		90 deg, chloritic fractures at 40-50 deg.	77747	238.70	240.00	1.30	<.03			1			
		240.0-241.0	77748	240.00	241.00	1.00	<.03			15	1		
		Beige pink weakly sericitic altered zone with 5% white ankerite veining parallel to	77749	Blank			<.03						
		chloritic fractures at 25-30 deg, 1% disseminated pyrite in altered wallrocks.	77750	Au std # 6			2.61						
		249.8-256.9	77751	241.00	242.00	1.00	<.03			1			
		Pink grey to grey magnetic ankeritic trachyte tuff, weakly foliated at 40-50 deg, five											
		widely separated, 1-2 cm wide white ankerite veins at 30-80 deg with 5-15 cm wide	77752	249.00	249.80	0.80	<.03			1			
		beige sericitic altered wallrocks with 1% disseminated pyrite.	77753	249.80	250.80	1.00	<.03			3	tr		
		256.8-284.9	77754	250.80	251.80	1.00	<.03			3	0.5		
		Pink grey to grey magnetic ankeritic trachyte tuff, weakly foliated at 40-50 deg, 2%, 1-2	77755	251.80	252.80	1.00	<.03			5	0.5		
		cm wide ankerite +-quartz veining at 20-60 deg.	77756	252.80	254.00	1.20	<.03						

DESCRIPTION : Hole No. PW10_16

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		260.7-261.8	77757	254.00	255.00	1.00	<.03			3	0.5		
		Light pink beige nonmagnetic ankeritic sericitic altered tuff with 5%, 1-2 cm wide ankerite	77758	255.00	256.00	1.00	<.03			3	tr		
		veining at 40 deg, weakly brecciated with ankerite breccia matrix, 2% fine grained	77759	256.00	256.90	0.90	<.03			8	1		
		disseminated pyrite in sericite alteration., upper and lower contacts marked by ankerite	77760	256.90	258.00	1.10	<.03			1			
		veining with chloritic contacts at 40 deg.											
		271.6-272.1	77761	265.40	266.70	1.30	<.03			5	tr		
		Red pink nonmagnetic hematitic potassic altered zone with 5%, 1-5 mm ankerite veining	77762	266.70	267.80	1.10	<.03			10	2		
		at 70-80 deg, 1% disseminated pyrite in wallrocks.	77763	267.80	268.60	0.80	<.03			1			
		277.8-279.5	77764	268.60	269.60	1.00	<.03			2			
		Pink beige nonmagnetic sericitic altered trachyte tuff with 5% irregular 0.1-1.5 cm wide	77765	269.60	270.60	1.00	<.03			2			
		ankerite veining, 1% disseminated pyrite.	77766	270.60	271.60	1.00	<.03			1			
		283.3-284.3	77767	271.60	272.10	0.50	<.03			5	1		
		Pink and dark green magnetic to nonmagnetic calcitic hematitic chloritic fractured zone	77768	272.10	273.00	0.90	<.03			1			
		at 30 deg with 10% irregular pink calcite veining and 1% disseminated pyrite											
			77769	276.70	277.80	1.10	<.03						
			77770	277.80	278.50	0.70	<.03			5	1		
			77771	278.50	279.50	1.00	<.03			15	1		
			77772	279.50	280.40	0.90	<.03			10			
			77773	280.40	281.30	0.90	<.03			1			
			77774	281.30	282.30	1.00	<.03			3			
			77775	282.30	283.30	1.00	<.03						
			77776	283.30	284.30	1.00	**1.23**	**0.89**	**1.06**	10	1		
			77777	284.30	284.90	0.60	<.03			2			
284.90	**314.15**	Trachyte											
		Pink green grey magnetic calcitic medium grained massive mafic trachyte, 1-2%, 1-10											
		mm wide irregular pink white calcite veining.											
314.15	**354.50**	Trachyte Tuff	77778	320.00	321.30	1.30	<.03			30	tr		
		314.15-327.0	77779	321.30	321.80	0.50	<.03			5	tr	cpy	
		Pink grey magnetic ankeritic trachyte tuff, similar to unit from 235.2-284.9 m, weakly	77780	321.80	322.90	1.10	<.03			3			
		foliated at 30-40 deg marked by chloritic lenses 1-2 mm thick, 2-20%, 0.5-30 cm wide	77781	322.90	324.00	1.10	<.03			8			
		irregular ankerite +- quartz veining with trace pyrite along contacts.	77782	324.00	325.00	1.00	<.03			1			
		321.55-321.57	77783	325.00	326.00	1.00	<.03			5			
		White orange peach ankerite feldspar vein at 40 deg with 1%, 1-3 mm, chalcopyrite	77784	326.00	327.00	1.00	<.03			5			
		blebs.	77785	327.00	328.00	1.00	<.03			8	0.5		
		327.0-339.0	77786	328.00	329.00	1.00	<.03			3			
		Grey pink, magnetic ankeritic trachyte tuff with 20%, 5-40 cm wide, orange brown red	77787	329.00	330.00	1.00	<.03			2			
		hematitic potassic altered zones with 10-20%, 0.2-1.5 cm wide, irregular ankerite veining	77788	330.00	331.00	1.00	<.03			5			
		at 40-60 deg with trace chalcopyrite blebs and trace to 15 disseminated pyrite in altered	77789	331.00	332.00	1.00	<.03			15	tr	cpy	
		wall rocks, 1%, 0.5-1 cm wide earlier grey quartz +- ankerite veining at 30-40 deg,	77790	332.00	333.00	1.00	<.03			15	tr	cpy	
		chloritic fractures at 20-50 deg, RQD 60%.	77791	333.00	334.00	1.00	<.03			5			
		339.0-346.1	77792	334.00	335.00	1.00	<.03			1			
		Pink grey magnetic ankeritic trachyte tuff, similar to unit from 235.2-284.9 m, weakly	77793	335.00	336.00	1.00	<.03			8	tr	cpy	
		foliated at 30-40 deg marked by chloritic lenses 1-2 mm thick, 2-20%, 0.5-30 cm wide	77794	336.00	337.00	1.00	<.03			5			
		irregular ankerite +- quartz veining with trace pyrite along contacts.	77795	337.00	338.00	1.00	<.03			1			
			77796	338.00	339.00	1.00	<.03			2			

DESCRIPTION : Hole No. PW10_16													
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		346.1-348.5	77797	346.10	346.80	0.70	<.03			2			
		Grey pink magnetic ankeritic potassic chloritic sericitic fractured altered trachyte tuff with	77798	346.80	347.50	0.70	<.03			2			
		5% irregular ankerite veining, Red 20%.	77799	Blank			<.03						
		348.5-349.6	77800	Au std # 6			2.43						
		Light beige grey sericitic fault zone with 70% light grey white quartz ankerite veining at	77801	347.50	348.50	1.00	<.03			10	tr		
		30 deg with sericitic fault contacts.	77802	348.50	349.60	1.10	<.03			60	tr		
		349.6-354.5	77803	349.60	350.60	1.00	<.03			3			
		Pink grey to grey magnetic ankeritic altered trachyte tuff, foliated at chloritic fractured to											
		brecciated at 20-30 deg,											
354.50	359.00	Quartz Carbonate Vein Zone	77804	354.50	355.10	0.60	<.03			3			
		Quartz carbonate vein zone with 20%, 0.5-25 cm wide, light grey quartz, white ankerite	77805	355.10	355.70	0.60	<.03			85	tr	cpy	
		and light orange feldspar veining at 30-70 deg in pink grey magnetic ankeritic chloritic	77806	355.70	356.70	1.00	<.03			30	tr	cpy	
		fractured trachyte tuff, trace pyrite and chalcopyrite.	77807	356.70	357.70	1.00	<.03			2			
			77808	357.70	358.30	0.60	<.03			10			
			77809	358.30	359.00	0.70	<.03			25	tr		
359.00	387.40	Trachyte Tuff											
		359.0-379.4											
		Pink grey to green grey magnetic ankeritic weakly chloritic fractured trachyte tuff, weakly											
		foliated fractured at 30-50 deg, 2-3%, 0.2-1 cm irregular ankerite +-quartz veining.											
		379.4-384.6	77810	379.40	380.50	1.10	<.03			5			
		Grey pink nonmagnetic ankeritic, very weakly sericitic altered trachyte tuff, weakly	77811	380.50	381.60	1.10	<.03			3			
		foliated to chloritic fractured at 20-230 deg, 3-10%, 0.2-3 cm wide irregular quartz	77812	381.60	382.70	1.10	<.03			2			
		ankerite feldspar veining with trace chalcopyrite and pyrite along vein contacts and	77813	382.70	383.70	1.00	<.03			5	tr	cpy	
		chloritic fractures.	77814	383.70	384.60	0.90	<.03			3	tr	cpy	
		384.6-387.4	77815	384.60	385.70	1.10	<.03			3			
		Red to pink grey magnetic ankeritic weakly hematitic altered trachyte tuff, chloritic											
		fractured to weakly foliated at 30-40 deg, 1-2% irregular quartz ankerite veining, lower											
		contact in broken core.											
387.40	399.40	Trachyte											
		387.4-394.0											
		Dark black green strongly magnetic ankeritic massive fine to medium grained mafic											
		trachyte with 10%, 0.5-1 mm, grey ankerite mottled fleck texture, weakly chloritic											
		fractured, 1-2%, 0.2-1.5 cm wide, irregular ankerite quartz veining.											
		394.0-399.4											
		Red to green grey magnetic ankeritic weakly hematitic altered fine grained trachyte,											
		chloritic fractured to weakly foliated at 30 deg, 1-3%, 0.2-2 cm wide, irregular ankerite +-											
		quartz veining, gradational lower contact marked by magnetics and alteration style.											
399.40	418.00	Altered Trachyte	77816	399.40	400.50	1.10	<.03						
		399.4-405.0	77817	400.50	401.60	1.10	<.03						
		Light green grey beige nonmagnetic ankeritic weakly sericitic altered trachyte, weakly to	77818	401.60	402.80	1.20	<.03						
		moderately foliated at 30 deg, 1-30%, 1-20 cm wide white ankerite and white grey red	77819	402.80	403.90	1.10	<.03						
		ankerite quartz feldspar veining parallel to foliation, locally trace pyrite.	77820	403.90	405.00	1.10	<.03						

DESCRIPTION : Hole No. PW10_16														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		405.0-407.3	77821	405.00	406.10	1.10	<.03						
		Dark green grey nonmagnetic ankeritic chloritic medium grained mafic trachyte with 1%	77822	406.10	406.80	0.70	<.03						
		irregular ankerite veining, upper contact marked by 20 cm of broken core with chloritic	77823	406.80	407.70	0.90	<.03						
		fault material, lower contact broken.	77824	407.70	408.60	0.90	<.03						
		407.3-408.6	77825	408.60	409.70	1.10	<.03						
		White ankerite light grey quartz and orange red feldspar veining in hematitic altered											
		trachyte. 90% veining.											
		408.6-412.2											
		Salmon red to red grey magnetic ankeritic hematitic altered trachyte, 1-2% ankerite + -											
		quartz veining, upper contact gradational lower contact at 30 deg.											
		412.2-418.0	77826	414.40	415.40	1.00	<.03			5			
		Grey beige to beige pink nonmagnetic ankeritic weakly sericitic to potassic altered	77827	415.40	416.00	0.60	<.03			2	0.5		
		deformed trachyte, moderately foliated at 30 deg marked by sericite chlorite foliation	77828	416.00	417.00	1.00	<.03			3	0.5		
		planes, 1%, 1-2 cm wide, weakly boudinaged ankerite quartz veining parallel to foliation,	77829	417.00	418.00	1.00	<.03			5	tr		
		trace pyrite in altered vein wallrocks, lower contact marked by 2 cm ankerite quartz vein											
		at 30 deg.											
418.00	**426.00**	Altered Greywacke											
		Grey to pink grey nonmagnetic ankeritic fine to medium grained greywacke, moderately											
		to weakly foliated at 30 deg, 1-2%, 1-5 mm wide white ankerite blebs, lenses and veins											
		parallel to foliation.											
		423.5-423.85	77830	423.50	423.90	0.40	<.03			90			
		Light grey quartz white ankerite light orange quartz vein at 20 deg with sericitic contacts.											
426.00	**443.10**	Altered Trachyte Tuff											
		426.0-436.0											
		Grey pink grey and beige grey magnetic ankeritic chloritic altered trachyte tuff,											
		moderately foliated at 20-30 deg, locally hematitic sericitic altered and chlorite											
		brecciated, 2-3%, 0.2-3 cm wide, white ankerite veins lenses and blebs parallel to											
		foliation, RQD 10-80% over 1-3 m.											
		436.0-436.45	77831	435.00	436.00	1.00	<.03			3			
		Beige grey nonmagnetic ankeritic sericitic altered tuff with 3%, 1-2 cm wide ankerite	77832	436.00	437.00	1.00	<.03			60	tr		
		veining parallel to foliation at 40 deg.	77833	437.00	438.00	1.00	<.03			5			
		436.45-437.0	77834	438.00	439.00	1.00	<.03			1			
		Brecciated white ankerite light grey quartz and pink orange feldspar vein at 50 deg, trace	77835	439.00	440.00	1.00	<.03			5			
		finely disseminated pyrite along vein fragments.	77836	440.00	441.00	1.00	0.07			8			
		437.0-443.1	77837	441.00	441.80	0.80	<.03			5			
		Green grey red grey and orange red magnetic ankeritic hematitic chloritic altered mafic	77838	441.80	443.00	1.20	<.03			15			
		trachyte tuff, moderately finely laminated bedded foliated at 30-40 deg, 1-3%, 0.5-3 cm											
		wide white ankerite veining parallel to foliation, RQD 20%.											
443.10	**450.75**	Fault Breccia Zone	77839	443.00	444.10	1.10	<.03			5			
		Red pink black green and grey magnetic chloritic hematitic altered brecciated trachyte	77840	444.10	445.00	0.90	<.03			3			
		tuff or conglomerate with chlorite specularite magnetite ankerite breccia matrix, foliated	77841	445.00	446.00	1.00	<.03			5			
		at 30-40 deg, black chloritic fault slips at 15-30 deg, 1-2% white irregular ankerite veining	77842	446.00	447.00	1.00	<.03			5			
		and breccia matrix.	77843	447.00	448.00	1.00	<.03			3			
		449.40-449.45 and 450.73-450.75	77844	448.00	449.00	1.00	<.03			10			
		Black chloritic graphitic faults at 30 deg with mud gouge.	77845	449.00	450.00	1.00	<.03			5			

DESCRIPTION : Hole No. PW10_16

From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
450.75	467.00	Altered Conglomerate	77846	450.00	451.00	1.00	<.03			1			
		450.75-458.7	77847	451.00	452.00	1.00	<.03			1			
		Dark green grey and red magnetic chloritic altered polymictic conglomerate to trachyte	77848	452.00	453.00	1.00	<.03						
		lapilli tuff, moderately foliated at 30 deg.	77849	Blank			<.03						
		458.7-460.1	77850	Au std # 6			2.47						
		Beige pink grey nonmagnetic ankeritic weakly sericitic altered conglomerate to trachyte	77851	453.00	454.00	1.00	<.03			5			
		lapilli tuff, 3% lensey white ankerite quartz veining parallel to moderate foliation at 20-30	77852	454.00	455.00	1.00	<.03						
		deg, 1% disseminated pyrite.	77853	455.00	456.00	1.00	<.03						
		460.1-468.0	77854	456.00	457.00	1.00	<.03						
		Dark green and orange red massive magnetic chloritic altered polymictic matrix	77855	457.00	458.00	1.00	<.03						
		supported conglomerate with 0.2-3 cm rounded to subangular hematitic orange red	77856	458.00	458.70	0.70	<.03						
		trachyte clasts in medium grained chloritic gritty matrix, occasional red jasper clasts, 1-	77857	458.70	459.40	0.70	<.03			2	1		
		2%, 0.2-2 cm irregular ankerite veining.	77858	459.40	460.10	0.70	<.03			5	1		
			77859	460.10	461.00	0.90	<.03						
467.00	484.50	Quartz Carbonate Vein Zone	77860	467.00	468.00	1.00	<.03			2			
		467.0-468.0	77861	468.00	469.20	1.20	**0.69**			8	3		
		Maroon red magnetic ankeritic hematitic altered massive medium grained greywacke,	77862	469.20	470.20	1.00	**0.41**			70	1		
		sharp upper contact at 20 deg, gradational lower contact marked by loss of magnetism	77863	470.20	471.40	1.20	**0.34**			70	2		
		and appearance of pyrite.	77864	471.40	472.60	1.20	**0.48**			35	5		
		468.0-478.9	77865	472.60	473.50	0.90	**0.07**			20	5		
		Light grey beige to beige nonmagnetic ankeritic sericitic altered fine to medium grained	77866	473.50	474.40	0.90	**0.34**			15	2		
		greywacke with 60%, 1-200 cm wide strongly brecciated white ankerite, light quartz and	77867	474.40	475.40	1.00	**0.07**			25	2		
		orange feldspar veining at 30 50 deg, altered greywacke weakly foliated at 30 deg, 1-5%	77868	475.40	476.30	0.90	**0.21**			20	3		
		finely disseminated pyrite in sericitic greywacke, trace to 3% fine to medium grained	77869	476.30	477.30	1.00	<.03			90	5		
		pyrite in breccias veins along vein fragments and in grey quartz pyrite breccia matrix,	77870	477.30	478.10	0.80	<.03			80	3		
		quartz content of veins varies from 1-50%, feldspar varies from trace to 5%.	77871	478.10	478.90	0.80	<.03			45	8		
		478.9-480.9	77872	478.90	479.90	1.00	<.03			1	tr		
		Grey weakly magnetic massive medium grained greywacke with 1% ankerite veining and	77873	479.90	480.90	1.00	<.03			1	tr		
		trace pyrite in sericitic fractures.	77874	480.90	481.80	0.90	<.03			50	10		
		480.9-483.3	77875	Blank			<.03						
		Beige nonmagnetic sericitic altered pyritic greywacke with 75% quartz ankerite feldspar	77876	Au std # 6			2.61						
		breccia veins, 3-60 cm wide, at 15-25 deg, 3-5% disseminated pyrite veining as above in	77877	481.80	482.40	0.60	0.07			30	8		
		veining and 1-3% pyrite in altered greywacke.	77878	482.40	483.30	0.90	<.03			80	8		
		483.3-484.5	77879	483.30	484.50	1.20	<.03			15	tr		
		Dark grey green to grey nonmagnetic chloritic altered conglomerate with 15%, 0.1-10 cm											
		wide, light grey quartz and orange feldspar veining at 15-25 deg, trace pyrite, sharp											
		upper contact at 25 deg marked by moderate chloritic shearing over 25 cm, lower											
		contact jagged and irregular.											
484.50	554.80	Altered Trachyte Tuff	77880	484.50	485.50	1.00	<.03			10		tour	
		Dark grey to grey to beige, weakly magnetic to nonmagnetic, weakly foliated at 30-40	77881	485.50	486.60	1.10	<.03			1			
		deg, 5-50%, 0.02-1.5 m wide beige sericitic nonmagnetic sericite altered zones at 20-30	77882	486.60	487.70	1.10	<.03			2			
		deg with 5-30% 1-20 cm wide irregular drag folded and braided brecciated white ankerite	77883	487.70	488.70	1.00	<.03			3			
		grey quartz +- orange feldspar veining, trace to 10% disseminated pyrite in sericite	77884	488.70	489.70	1.00	<.03			3			
		alteration and trace to 1% pyrite in veining, <1%, 0.2-5 cm wide later grey quartz	77885	489.70	490.70	1.00	<.03			3	tr		
		veining, tourmaline in some of the quartz veins, locally tuff is salmon red and potassic											
		and or hematitic altered, wider zones of pyritic alteration are described below.											

DESCRIPTION : Hole No. PW10 16																
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		490.7-492.4	77886	490.70	491.70	1.00	0.07			20	10		
		Beige grey to beige nonmagnetic sericitic ankeritic altered medium grained altered tuff	77887	491.70	492.40	0.70	0.21			3	1		
		with 10%, 1-3 cm wide, white grey drag folded brecciated boudinaged veining weaving in	77888	492.40	493.00	0.60	<.03			1			
		and out of core, 1-10% fine to medium grained disseminated pyrite in sericite alteration	77889	493.00	493.70	0.70	**0.96**			20	1		
		and trace to 1% pyrite in veining, two phases of quartz veining first white one is mixed	77890	493.70	494.30	0.60	<.03			2	tr		
		with ankerite and second is grey ladder veins perpendicular to vein wall, sharp contacts	77891	494.30	495.20	0.90	<.03			1			
		to zone at 30 deg marked by 2-5 mm wide ankerite veins.	77892	495.20	496.30	1.10	<.03			1			
		503.2-507.6	77893	496.30	497.40	1.10	<.03			1	tr		
		Orange salmon red beige and dark green grey nonmagnetic ankeritic potassic chloritic	77894	497.40	498.60	1.20	<.03			2			
		sericitic altered fine to medium grained tuff, weakly foliated at 20-40 deg to massive,	77895	498.60	499.20	0.60	<.03			30	tr		
		25%, 1-30 cm wide irregular drag folded brecciated white ankerite grey to white quartz	77896	499.20	500.20	1.00	<.03			1			
		and orange red feldspar veining parallel to foliation, 1-10% fine to medium grained pyrite	77897	500.20	501.30	1.10	<.03			3			
		in altered wallrocks and trace to 1% pyrite in veining, gradational contacts defined by	77898	501.30	502.30	1.00	<.03			1			
		loss of pyrite mineralization, sericite potassic alteration continue for 1-2 m but lacks	77899	Blank			<.03						
		quartz ankerite veining.	77900	Au std # 6			2.54						
		518.5-519.0	77901	502.30	503.20	0.90	<.03			1			
		Dark purple maroon silicified zone at 50 deg with 10% ankerite quartz veining, 2-10 mm	77902	503.20	504.00	0.80	<.03			3			
		wide at 0-50 deg, trace pyrite.	77903	504.00	505.00	1.00	**0.69**			50			
		529.8-533.9	77904	505.00	505.90	0.90	**1.44**	**1.23**	**1.34**	30	10		
		Pink red to beige nonmagnetic potassic hematitic weakly silicified trachyte tuff, weakly	77905	505.90	506.80	0.90	**1.65**	**1.99**	**1.82**	15	5		
		chloritic fractured to brecciated, weakly foliated at 30 deg, 1-3% disseminated medium	77906	506.80	507.60	0.80	**1.51**	**1.44**	**1.48**	10	5		
		grained pyrite, trace chalcopyrite, 1-2% irregular white ankerite veining.	77907	507.60	508.60	1.00	<.03			3	tr		
			77908	508.60	509.60	1.00	<.03			2			
			77909	509.60	510.60	1.00	<.03			2			
			77910	510.60	511.50	0.90	<.03			2			
			77911	511.50	512.50	1.00	<.03			3			
			77912	512.50	513.40	0.90	<.03			3			
			77913	513.40	514.60	1.20	<.03			20	tr		
			77914	514.60	515.50	0.90	<.03			8			
			77915	515.50	516.50	1.00	<.03			3			
			77916	516.50	517.50	1.00	<.03			5			
			77917	517.50	518.50	1.00	<.03			5			
			77918	518.50	519.10	0.60	<.03			10	tr		
			77919	519.10	520.10	1.00	<.03			5	tr		
			77920	520.10	521.00	0.90	<.03			10			
			77921	521.00	522.00	1.00	<.03			1			
			77922	522.00	523.00	1.00	<.03			5	tr		
			77923	523.00	524.00	1.00	<.03			10			
			77924	524.00	524.90	0.90	<.03			15	tr		
			77925	Blank			<.03						
			77926	Au std # 6			2.57						
			77927	524.90	525.90	1.00	<.03			10			
			77928	525.90	526.90	1.00	<.03			5			
			77929	526.90	527.70	0.80	<.03			2			
			77930	527.70	528.80	1.10	<.03			10	1		
			77931	528.80	529.80	1.00	<.03			3	0.5		
			77932	529.80	530.80	1.00	<.03			2	0.5		
			77933	530.80	531.80	1.00	<.03			2	1		
			77934	531.80	532.80	1.00	<.03			3	2		
			77935	532.80	533.90	1.10	<.03			5	3		

DESCRIPTION : Hole No. PW10_16														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
		533.9-554.8	77936	533.90	535.00	1.10	<.03			3			
		Light beige pink grey to green grey magnetic to nonmagnetic ankeritic weakly silicified	77937	535.00	536.00	1.00	<.03			1	tr	cpy	
		altered fine to medium grained trachyte tuff or trachyte?, weakly to moderately chloritic	77938	536.00	537.00	1.00	<.03			3			
		fractured to finely brecciated at 40-45 deg, 1-3%, 0.2-5 cm wide white quartz-ankerite	77939	537.00	538.00	1.00	<.03			8			
		veining at 20-70 deg, locally minor traces of pyrite, trace chalcopyrite in veining, lower	77940	538.00	539.00	1.00	<.03			2			
		contact at 45 deg marked by change in alteration style.	77941	539.00	540.00	1.00	<.03			2	tr		
		521.3-521.5	77942	540.00	541.00	1.00	<.03			3	tr		
		Dark green chloritic healed fault at 10 deg.	77943	541.00	542.00	1.00	<.03			2	tr		
		521.5-554.8	77944	542.00	543.00	1.00	<.03			3	tr		
		Increase in chloritic brecciation, weak shear fabric at 30 deg.	77945	543.00	544.00	1.00	<.03			1			
			77946	544.00	545.00	1.00	<.03			5			
			77947	545.00	546.00	1.00	<.03			3			
			77948	546.00	547.00	1.00	<.03			3	tr	cpy	
			77949	Blank			<.03						
			77950	Au std # 6			2.57						
			77951	547.00	548.00	1.00	<.03			10	0.5		
			77952	548.00	549.00	1.00	<.03			10	tr		
			77953	549.00	550.00	1.00	<.03				tr	cpy	
			77954	550.00	551.00	1.00	<.03			2	tr		
			77955	551.00	552.00	1.00	<.03			2			
			77956	552.00	553.00	1.00	<.03			1			
			77957	553.00	554.00	1.00	<.03			3			
			77958	554.00	554.80	0.80	<.03			2			
554.80	**615.80**	Trachyte	77959	554.80	555.80	1.00	<.03			3			
		554.8-559.7											
		Red green grey magnetic ankeritic trachyte with 3-5%, 1-15 mm wide irregular white											
		ankerite quartz lenses and veins at 10-70 deg, gradational lower contact.											
		559.7-581.0											
		Reddish purple green grey to green grey magnetic calcitic fine to medium grained											
		trachyte, weakly to moderately chloritic fractured at 0-50 deg, 1-2%, 1-10 mm wide,											
		irregular pink white calcite veining.											
		581.0-601.0	77960	581.00	582.00	1.00	<.03			5			
		Grey to pink beige grey magnetic ankeritic altered trachyte with 2-15%, white grey a, 0.2-	77961	582.00	583.00	1.00	<.03			10			
		1.5 cm wide irregular ankerite +-quartz veining parallel to weak foliation at 40-50 deg,	77962	583.00	584.00	1.00	<.03			15			
		weakly chloritic fractured to brecciated, locally trace disseminated pyrite and specularite	77963	584.00	585.00	1.00	<.03			10	tr		
		filled fractures i.e. 596-599 m, gradational contacts.	77964	585.00	586.00	1.00	<.03			10			
		601.0-607.5											
		Dark green grey magnetic ankeritic chloritic fine grained mafic trachyte with 10%, 1-5 cm	77965	596.00	597.00	1.00	<.03			10	tr		
		wide grey quartz orange red feldspar and white ankerite veining at 20-50 deg.	77966	597.00	598.00	1.00	<.03			3	tr		
		607.5-615.8	77967	598.00	599.00	1.00	<.03			3	tr		
		Reddish grey green magnetic calcitic chloritic medium grained trachyte with 1-2%, 0.1-	77968	599.00	600.00	1.00	<.03			2			
		1.5 cm wide pink white irregular calcite veining.	77969	600.00	601.00	1.00	<.03			1			
			77970	601.00	602.00	1.00	<.03			10			
			77971	602.00	603.00	1.00	<.03			10			
			77972	603.00	604.00	1.00	<.03			12			
			77973	604.00	605.00	1.00	<.03			3			
			77974	605.00	606.00	1.00	<.03			10			

DESCRIPTION : Hole No. PW10 16															
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)		
615.80	632.20	Trachyte Tuff											
		Grey to dark green magnetic calcitic chloritic altered mafic trachyte tuff with 0.2-2 cm dark green chloritic stretched clasts, weakly foliated at 30-50 deg, 3-5%, 0.1-1.5 cm wide pink white irregular calcite +- quartz veining at 20-70 deg.											
632.20	643.70	Altered Trachyte Tuff	77975	632.20	633.00	0.80	<.03			5			
		Grey pink and grey magnetic ankeritic weakly potassic chloritic altered medium grained trachyte tuff, chloritic fractured to finely brecciated at 35-50 deg, 1-10%, 0.2-1.5 cm wide, irregular white ankerite quartz veins, lenses and blebs at 10-90 deg, minor traces of pyrite and chalcopyrite.	77976	633.00	634.00	1.00	<.03			5			
			77977	634.00	635.00	1.00	<.03			3			
			77978	635.00	636.00	1.00	<.03			5			
			77979	636.00	637.00	1.00	<.03			5			
			77980	637.00	638.00	1.00	<.03			10			
			77981	638.00	639.00	1.00	<.03			8			
			77982	639.00	640.00	1.00	<.03			10	tr		
			77983	640.00	641.00	1.00	<.03			3			
			77984	641.00	641.70	0.70	<.03			15	tr		
			77985	641.70	642.70	1.00	<.03			1			
			77986	642.70	643.70	1.00	<.03			1			
643.70	674.40	Trachyte											
		643.7-651.0											
		Green grey magnetic ankeritic massive fine to medium grained mafic trachyte, sharp upper contact at 50 deg, 1-3%, 0.2-1.5 cm white pink ankerite calcite veining at 20-50 deg, trace pyrite and chalcopyrite in veining.											
		651.0-664.1											
		Green grey to red green grey magnetic weakly calcitic, chloritic and hematitic altered fine to medium grained mafic trachyte, 1-3%, 0.2-1 cm wide pink white ankerite calcite veining, at 40-50 deg, 1-5%, 5-15 cm wide, quartz ankerite chlorite breccia veins at 20-40 deg, locally weakly sericitic altered and chloritic fractured.											
		664.1-674.4	77987	664.10	665.00	0.90	<.03			2			
		Grey pink red nonmagnetic weakly hematitic altered calcitic brecciated trachyte with 5-10%, 0.2-5 cm wide irregular pink hard quartz feldspar vein breccia matrix with trace chalcopyrite finely disseminated and blebs up to 5 mm,, 1-2%, 1-10 mm wide , later white quartz ankerite veining at 10-30 deg, chloritic fractured at 10-50 deg, contacts defined by magnetics, RQD 10%.	77988	665.00	666.00	1.00	<.03			3			
			77989	666.00	667.00	1.00	<.03			3			
			77990	667.00	668.00	1.00	<.03			5			
			77991	668.00	669.00	1.00	<.03			8		cpy	
			77992	669.00	670.00	1.00	<.03			10		cpy	
			77993	670.00	671.00	1.00	<.03			8		cpy	
			77994	671.00	672.00	1.00	<.03			3			
			77995	672.00	673.00	1.00	<.03			5		cpy	
			77996	673.00	674.00	1.00	<.03			3			
674.40	678.00	Fault Zone	77997	674.00	675.00	1.00	<.03			2			
		Red grey green magnetic calcitic chloritic weakly hematitic brecciated altered trachyte with 2-5 mm wide chloritic crushed faults at 5-45 deg, <1% pink white feldspar quartz veining, RQD 5%.	77998	675.00	676.00	1.00	<.03			1			
			77999	676.00	677.00	1.00	<.03			1			
			78000	677.00	678.00	1.00	<.03			1			
678.00	695.00	Trachyte Tuff											
		Green grey to pink red grey magnetic calcitic weakly hematitic chloritic altered trachyte tuff, weakly foliated and chloritic fractured at 45 deg, locally minor traces of cube pyrite in stronger hematite altered zones < 20 cm wide, <1%, pink white irregular calcite quartz ankerite veining, RQD 80%.											

DESCRIPTION : Hole No. PW10 16														
From (m)	To (m)	Description	Sample Number	From	To	Length	Au	Au Chk	Au Avg	Qcv (%)	Pyrite (%)			
695.00	702.55	Trachyte Agglomerate												
		Red to maroon red and green magnetic calcitic hematitic altered clast supported trachyte agglomerate with 2-8 cm rounded augite trachyte porphyry, feldspar porphyritic trachyte and fine grained trachyte clasts in a chloritic matrix, chloritic fractured at 30-40 deg.												
702.55	705.80	Fault Zone												
		Fault zone in magnetic calcitic chloritic trachyte agglomerate, broken core with chloritic faults at 30-70 deg, upper contact at 30 deg, lower contact at 50 deg, <1% white calcite veining, RQD 0%.												
705.80	725.35	Trachyte Agglomerate to Lapilli Tuff												
		Red and green magnetic calcitic chloritic matrix supported trachyte agglomerate to lapilli tuff with rounded to subangular and stretched heterolithic trachyte clasts 0.2-10 cm in a medium grained chloritic tuffaceous matrix, weakly foliated at 20-50 deg, average clast size decreasing with depth, 1-2%, 1-5 mm calcite veins and clots, locally brecciated over less than 1 m with calcite breccia matrix.												
725.35	726.40	Trachyte												
		Black magnetic strongly calcitic massive medium grained mafic trachyte, upper contact at 50 deg.												
	726.40	EOH												
		Casing left in hole. 2.6 m cumulative difference between driller's blocks and core measurements.												

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

Certificate Number: 10-1939

Company: **Queenston Mining Inc.**

Project: PW

Report Date: 09-Jun-10

Attn: Wayne Benham

We hereby certify the following Assay of 17 pulp samples submitted 03-Jun-10 by Wayne Benham

Sample Number	Au FA-AAS ppb	Au Chk FA-AAS ppb	Au FA-AAS g/Mt	Au Chk FA-AAS g/Mt	Au FA-GRAV ppb	Au Chk FA-GRAV ppb	Au FA-GRAV g/Mt	Au Chk FA-GRAV g/Mt
46178	423	475	0.42	0.47				
46179	184		0.18					
46290	241		0.24					
46291	440	448	0.44	0.45				
46292	37		0.04					
37033	105		0.10					
37034	49		0.05					
37035	133		0.13					
37406	58		0.06					
37407	62		0.06					
Blank Value	7		< 0.01					
OxF65	758		0.76					
37408	18		0.02					
37409	30		0.03					
37410	155		0.15					
37411	727	687	0.73	0.69				
37424	120		0.12					
37425	382		0.38					
37426	228		0.23					

Certified by Denis Chartre

Denis Chartre

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

PolyMet RESOURCES INC.

PAWNEE
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519

Certificate of Analysis
Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6738, 6739, 6740 & 6741

Certified by: _____
Chief Assayer

Certified by: _____
Manager/President

Date: Jan. 26, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6738**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P W

Date : Jan 26 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.172	5.897
10661		<.001	<.03
10662		<.001	<.03
10663		<.001	<.03
10664		<.001	<.03
10665		<.001	<.03
10666		<.001	<.03
10667		<.001	<.03
10668		<.001	<.03
10669		<.001	<.03
10670		<.001	<.03
10671		<.001	<.03
10672		<.001	<.03
10673		<.001	<.03
10674		<.001	<.03
10675		<.001	<.03

15 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6739**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P W

Date : Jan 26 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
10676	<.001	<.03
10677	<.001	<.03
10678	<.001	<.03
10679	<.001	<.03
10680	<.001	<.03
10681	<.001	<.03
10682	<.001	<.03
10683	<.001	<.03
10684	<.001	<.03
10685	<.001	<.03
10686	<.001	<.03
10687	<.001	<.03
10688	<.001	<.03
10689	<.001	<.03
10690	<.001	<.03
10691	<.001	<.03
10692	<.001	<.03
10693	<.001	<.03
10694	<.001	<.03
10695	<.001	<.03
10696	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6740**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P W

Date : Jan 26 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
10697		<.001	<.03
10698		<.001	<.03
10699		<.001	<.03
10700		<.001	<.03
10701		<.001	<.03
10702		<.001	<.03
10703		<.001	<.03
10704		<.001	<.03
10705		<.001	<.03
10706		<.001	<.03
10707		<.001	<.03
10708		<.001	<.03
10709		<.001	<.03
10710		<.001	<.03
10711		<.001	<.03
10712		<.001	<.03
10713		<.001	<.03
10714		<.001	<.03
10715		<.001	<.03
10716		<.001	<.03
10717		<.001	<.03
10718		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6741**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P W

Date : Jan 26 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
10719	<.001	<.03
10720	<.001	<.03
10721	<.001	<.03
10722	<.001	<.03
10723	<.001	<.03
10724	<.001	<.03
10725	<.001	<.03
10726	<.001	<.03
10727	<.001	<.03
10728	<.001	<.03
10729	<.001	<.03
10730	0.080	2.743
10731	<.001	<.03
10732	<.001	<.03
10733	<.001	<.03
10734	<.001	<.03
10735	<.001	<.03
10736	<.001	<.03
10737	<.001	<.03
10738	<.001	<.03
10739	<.001	<.03
10740	<.001	<.03
10741	<.001	<.03
10742	<.001	<.03
10743	<.001	<.03

25 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6789, 6790, 6791, 6792, 6793, 6794, 6795 & 6796 (Project PW)

Certified by: _____
Chief Assayer

Certified by: _____
Manager/President

Date: February 2, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6789**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P.W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
48751		<.001	<.03
10744		<.001	<.03
10745		<.001	<.03
10746		<.001	<.03
10747		<.001	<.03
10748		<.001	<.03
10749		<.001	<.03
10750		<.001	<.03
46001		<.001	<.03
46002		<.001	<.03
46003		<.001	<.03
46004		<.001	<.03
46005		<.001	<.03
46006		<.001	<.03
46007		<.001	<.03
46008		<.001	<.03
46009		<.001	<.03
46010		0.026	0.891
46011		<.001	<.03
46012		<.001	<.03
46013		<.001	<.03
46014		<.001	<.03
46015		<.001	<.03
46016		<.001	<.03
46017		<.001	<.03
46018		<.001	<.03
46019		<.001	<.03
46020		<.001	<.03

28 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6790**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46021	<.001	<.03
46022	<.001	<.03
46023	<.001	<.03
46024	<.001	<.03
46025	<.001	<.03
46026	<.001	<.03
46027	<.001	<.03
46028	<.001	<.03
46029	<.001	<.03
46030	<.001	<.03
46031	<.001	<.03
46032	<.001	<.03
46033	<.001	<.03
46034	<.001	<.03
46035	<.001	<.03
46036	<.001	<.03
46037	<.001	<.03
46038	<.001	<.03
46039	<.001	<.03
46040	<.001	<.03
46041	<.001	<.03
46042	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6791**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.178	6.103
46043		<.001	<.03
46044		<.001	<.03
46045		<.001	<.03
46046		<.001	<.03
46047		<.001	<.03
46048		<.001	<.03
46049		<.001	<.03
46050		<.001	<.03
46051		<.001	<.03
46052		<.001	<.03
46053		<.001	<.03
46054		<.001	<.03
46055		<.001	<.03
46056		<.001	<.03
46057		<.001	<.03
46058		<.001	<.03
46059		<.001	<.03
46060		<.001	<.03
46061		<.001	<.03
46062		<.001	<.03
46063		<.001	<.03
46064		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6792**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46065	<.001	<.03
46066	<.001	<.03
46067	<.001	<.03
46068	<.001	<.03
46069	<.001	<.03
46070	0.120	4.114
46071	<.001	<.03
46072	<.001	<.03
46073	<.001	<.03
46074	<.001	<.03
46075	<.001	<.03
46076	<.001	<.03
46077	<.001	<.03
46078	<.001	<.03
46079	<.001	<.03
46080	<.001	<.03
46081	<.001	<.03
46082	<.001	<.03
46083	<.001	<.03
46084	<.001	<.03
46085	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6793**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46086		<.001	<.03
46087		<.001	<.03
46088		<.001	<.03
46089		<.001	<.03
46090		<.001	<.03
46091		<.001	<.03
46092		<.001	<.03
46093		<.001	<.03
46094		<.001	<.03
46095		<.001	<.03
46096		<.001	<.03
46097		<.001	<.03
46098		<.001	<.03
46099		<.001	<.03
46100		<.001	<.03
46101		<.001	<.03
46102		<.001	<.03
46103		<.001	<.03
46104		<.001	<.03
46105		<.001	<.03
46106		<.001	<.03
46107		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6794**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46108	<.001	<.03
46109	<.001	<.03
46110	<.001	<.03
46111	<.001	<.03
46112	<.001	<.03
46113	<.001	<.03
46114	0.080	2.743
46115	<.001	<.03
46116	<.001	<.03
46117	<.001	<.03
46118	<.001	<.03
46119	<.001	<.03
46120	<.001	<.03
46121	<.001	<.03
46122	<.001	<.03
46123	<.001	<.03
46124	<.001	<.03
46125	<.001	<.03
46126	<.001	<.03
46127	<.001	<.03
46128	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6795**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
46129		<.001	<.03
46130		<.001	<.03
46131		<.001	<.03
46132		<.001	<.03
46133		<.001	<.03
46134		<.001	<.03
46135		<.001	<.03
46136		<.001	<.03
46137		<.001	<.03
46138		<.001	<.03
46139		<.001	<.03
46140		<.001	<.03
46141		<.001	<.03
46142		<.001	<.03
46143		<.001	<.03
46144		<.001	<.03
46145		<.001	<.03
46146		<.001	<.03
46147		<.001	<.03
46148		<.001	<.03
46149		<.001	<.03
46150		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6796**

Corrected
Splits

Client: Queenston Mining Inc.
Job No. 0-136

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46151	<.001	<.03
46152	<.001	<.03
46153	<.001	<.03
46154	<.001	<.03
46155	<.001	<.03
46156	<.001	<.03
46157	<.001	<.03
46158	<.001	<.03
46159	<.001	<.03
46160	<.001	<.03
46161	<.001	<.03
46162	<.001	<.03
46163	<.001	<.03
46164	<.001	<.03
46165	<.001	<.03
46166	<.001	<.03
46167	<.001	<.03
46168	<.001	<.03
46169	<.001	<.03
46170	<.001	<.03
46171	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis
Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6797, 6798, 6799, 6800, 6801 & 6802
(Project PW)

Certified by: _____
Chief Assayer

Certified by: _____
Manager/President

Date: February 2, 2010

Disclaimer. The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6797**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.168	5.760
46172		0.006	0.206
46173		0.002	0.069
46174		<.001	<.03
46175		<.001	<.03
46176		<.001	<.03
46177		<.001	<.03
46178		0.008	0.274
46179		0.006	0.206
46180		<.001	<.03
46181		<.001	<.03
46182		<.001	<.03
46183		<.001	<.03
46184		<.001	<.03
46185		<.001	<.03
46186		<.001	<.03
46187		<.001	<.03
46188		<.001	<.03
46189		<.001	<.03
46190		<.001	<.03
46191		<.001	<.03
46192		<.001	<.03
46193		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6798**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46194	<.001	<.03
46195	<.001	<.03
46196	<.001	<.03
46197	<.001	<.03
46198	<.001	<.03
46199	<.001	<.03
46200	0.016	0.549
46201	<.001	<.03
46202	<.001	<.03
46203	<.001	<.03
46204	<.001	<.03
46205	<.001	<.03
46206	<.001	<.03
46207	0.004	0.137
46208	<.001	<.03
46209	<.001	<.03
46210	<.001	<.03
46211	<.001	<.03
46212	<.001	<.03
46213	<.001	<.03
46214	<.001	<.03
46215	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6799**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46216		<.001	<.03
46217		<.001	<.03
46218		<.001	<.03
46219		<.001	<.03
46220		<.001	<.03
46221		<.001	<.03
46222		<.001	<.03
46223		<.001	<.03
46224		<.001	<.03
46225		<.001	<.03
46226		<.001	<.03
46227		<.001	<.03
46228		<.001	<.03
46229		<.001	<.03
46230		0.118	4.046
46231		<.001	<.03
46232		<.001	<.03
46233		<.001	<.03
46234		<.001	<.03
46235		<.001	<.03
46236		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6800**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46237	<.001	<.03
46238	<.001	<.03
46239	<.001	<.03
46240	<.001	<.03
46241	<.001	<.03
46242	<.001	<.03
46243	<.001	<.03
46244	<.001	<.03
46245	<.001	<.03
46246	<.001	<.03
46247	<.001	<.03
46248	<.001	<.03
46249	<.001	<.03
46250	0.078	2.674
46251	<.001	<.03
46252	<.001	<.03
46253	<.001	<.03
46254	<.001	<.03
46255	<.001	<.03
46256	<.001	<.03
46257	<.001	<.03
46258	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6801**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.170	5.829
46259		<.001	<.03
46260		<.001	<.03
46261		<.001	<.03
46262		<.001	<.03
46263		<.001	<.03
46264		<.001	<.03
46265		<.001	<.03
46266		<.001	<.03
46267		<.001	<.03
46268		<.001	<.03
46269		<.001	<.03
46270		<.001	<.03
46271		<.001	<.03
46272		<.001	<.03
46273		<.001	<.03
46274		<.001	<.03
46275		<.001	<.03
46276		<.001	<.03
46277		<.001	<.03
46278		<.001	<.03
46279		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6802**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46280	<.001	<.03
46281	<.001	<.03
46282	<.001	<.03
46283	<.001	<.03
46284	<.001	<.03
46285	<.001	<.03
46286	<.001	<.03
46287	<.001	<.03
46288	<.001	<.03
46289	<.001	<.03
46290	0.008	0.274
46291	0.004	0.137
46292	0.010	0.343
46293	<.001	<.03
46294	0.004	0.137
46295	<.001	<.03
46296	<.001	<.03
46297	<.001	<.03
46298	<.001	<.03
46299	<.001	<.03
46300	0.018	0.617
46301	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis
Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6803 (Project P.W.)

Certified by: _____
Chief Assayer

Certified by: _____
Manager/President

Date: February 2, 2010

Disclaimer The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **6803**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 2 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.178	6.103
46302		<.001	<.03
46303		<.001	<.03
46304		<.001	<.03
46305		<.001	<.03
46306		<.001	<.03
46307		<.001	<.03
46308		<.001	<.03
46309		<.001	<.03
46310		<.001	<.03
46311		<.001	<.03
46312		<.001	<.03
46313		<.001	<.03
46314		<.001	<.03
46315		<.001	<.03
46316		<.001	<.03
46317		<.001	<.03
46318		<.001	<.03
46319		<.001	<.03
46320		<.001	<.03
46321		<.001	<.03

20 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis
Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6863B, 6864, 6865, 6866, 6867, 6868, 6869, 6870, 6871 & 6872

Certified by: _____
Chief Assayer

Certified by: _____
Manager/President

Date: February 12, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6863 B**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46322		<.001	<.03
46323		<.001	<.03
46324		<.001	<.03
46325		<.001	<.03
46326		<.001	<.03
46327		<.001	<.03
46328		<.001	<.03
46329		<.001	<.03
46330		<.001	<.03
46331		<.001	<.03
46332		<.001	<.03
46333		<.001	<.03
46334		<.001	<.03
46335		<.001	<.03
46336		<.001	<.03
46337		<.001	<.03
46338		<.001	<.03
46339		<.001	<.03
46340		<.001	<.03
46341		<.001	<.03
46342		<.001	<.03
46343		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6864**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46344	<.001	<.03
46345	<.001	<.03
46346	<.001	<.03
46347	<.001	<.03
46348	<.001	<.03
46349	<.001	<.03
46350	0.080	2.743
46351	<.001	<.03
46352	<.001	<.03
46353	<.001	<.03
46354	<.001	<.03
46355	<.001	<.03
46356	<.001	<.03
46357	<.001	<.03
46358	<.001	<.03
46359	<.001	<.03
46360	<.001	<.03
46361	<.001	<.03
46362	<.001	<.03
46363	<.001	<.03
46364	<.001	<.03
46365	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6865**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
46366		<.001	<.03
46367		<.001	<.03
46368		<.001	<.03
46369		<.001	<.03
46370		<.001	<.03
46371		<.001	<.03
46372		<.001	<.03
46373		<.001	<.03
46374		<.001	<.03
46375		<.001	<.03
46376		<.001	<.03
46377		<.001	<.03
46378		<.001	<.03
46379		<.001	<.03
46380		<.001	<.03
46381		<.001	<.03
46382		<.001	<.03
46383		<.001	<.03
46384		<.001	<.03
46385		0.018	0.617
46386		<.001	<.03
46387		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6866**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46388	<.001	<.03
46389	<.001	<.03
46390	<.001	<.03
46391	<.001	<.03
46392	<.001	<.03
46393	<.001	<.03
46394	<.001	<.03
46395	<.001	<.03
46396	<.001	<.03
46397	<.001	<.03
46398	<.001	<.03
46399	<.001	<.03
46400	<.001	<.03
46401	<.001	<.03
46402	<.001	<.03
46403	<.001	<.03
46404	<.001	<.03
46405	<.001	<.03
46406	<.001	<.03
46407	<.001	<.03
46408	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6867**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
46409		<.001	<.03
46410		<.001	<.03
46411		<.001	<.03
46412		<.001	<.03
46413		<.001	<.03
46414		<.001	<.03
46415		<.001	<.03
46416		<.001	<.03
46417		<.001	<.03
46418		<.001	<.03
46419		<.001	<.03
46420		<.001	<.03
46421		<.001	<.03
46422		<.001	<.03
46423		<.001	<.03
46424		<.001	<.03
46425		<.001	<.03
46426		<.001	<.03
46427		<.001	<.03
46428		<.001	<.03
46429		<.001	<.03
46430		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6868**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46431	<.001	<.03
46432	<.001	<.03
46433	<.001	<.03
46434	<.001	<.03
46435	<.001	<.03
46436	<.001	<.03
46437	<.001	<.03
46438	<.001	<.03
46439	<.001	<.03
46440	<.001	<.03
46441	<.001	<.03
46442	<.001	<.03
46443	<.001	<.03
46444	<.001	<.03
46445	<.001	<.03
46446	<.001	<.03
46447	<.001	<.03
46448	<.001	<.03
46449	<.001	<.03
46450	0.118	4.046
46451	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6869**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46452		<.001	<.03
46453		<.001	<.03
46454		<.001	<.03
46455		<.001	<.03
46456		<.001	<.03
46457		<.001	<.03
46458		<.001	<.03
46459		<.001	<.03
46460		<.001	<.03
46461		<.001	<.03
46462		<.001	<.03
46463		<.001	<.03
46464		<.001	<.03
46465		<.001	<.03
46466		<.001	<.03
46467		<.001	<.03
46468		<.001	<.03
46469		<.001	<.03
46470		<.001	<.03
46471		<.001	<.03
46472		<.001	<.03
46473		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6870**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb11 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46474	<.001	<.03
46475	<.001	<.03
46476	<.001	<.03
46477	<.001	<.03
46478	<.001	<.03
46479	<.001	<.03
46480	<.001	<.03
46481	<.001	<.03
46482	<.001	<.03
46483	<.001	<.03
46484	<.001	<.03
46485	<.001	<.03
46486	<.001	<.03
46487	<.001	<.03
46488	<.001	<.03
46489	<.001	<.03
46490	0.080	2.743
46491	<.001	<.03
46492	<.001	<.03
46493	<.001	<.03
46494	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6871**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb12 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.174	5.966
46495		<.001	<.03
46496		<.001	<.03
46497		<.001	<.03
46498		<.001	<.03
46499		<.001	<.03
46500		<.001	<.03
46501		<.001	<.03
46502		<.001	<.03
46503		<.001	<.03
46504		<.001	<.03
46505		<.001	<.03
46506		<.001	<.03
46507		<.001	<.03
46508		<.001	<.03
46509		<.001	<.03
46510		<.001	<.03
46511		<.001	<.03
46512		<.001	<.03
46513		<.001	<.03
46514		<.001	<.03
46515		<.001	<.03
46516		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6872**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb12 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46517	<.001	<.03
46518	<.001	<.03
46519	<.001	<.03
46520	<.001	<.03
46521	<.001	<.03
46522	<.001	<.03
46523	<.001	<.03
46524	<.001	<.03
46525	<.001	<.03
46526	<.001	<.03
46527	<.001	<.03
46528	<.001	<.03
46529	<.001	<.03
46530	<.001	<.03
46531	<.001	<.03
46532	<.001	<.03

16 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining inc.

Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6903, 6904, 6905, 6906 & 6907

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: February 19, 2010

Disclaimer. The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6903**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb19 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.178	6.103
46533		<.001	<.03
46534		<.001	<.03
46535		<.001	<.03
46536		<.001	<.03
46537		<.001	<.03
46538		<.001	<.03
46539		<.001	<.03
46540		0.018	0.617
46541		<.001	<.03
46542		<.001	<.03
46543		<.001	<.03
46544		<.001	<.03
46545		<.001	<.03
46546		<.001	<.03

14 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6904**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb19 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46547	<.001	<.03
46548	<.001	<.03
46549	<.001	<.03
46550	<.001	<.03
46551	<.001	<.03
46552	<.001	<.03
46553	<.001	<.03
46554	<.001	<.03
46555	<.001	<.03
46556	<.001	<.03
46557	<.001	<.03
46558	<.001	<.03
46559	<.001	<.03
46560	<.001	<.03
46561	<.001	<.03
46562	<.001	<.03
46563	<.001	<.03
46564	<.001	<.03
46565	<.001	<.03
46566	<.001	<.03
46567	<.001	<.03
46568	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6905**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb19 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.172	5.897
46569		<.001	<.03
46570		<.001	<.03
46571		<.001	<.03
46572		<.001	<.03
46573		<.001	<.03
46574		<.001	<.03
46575		<.001	<.03
46576		<.001	<.03
46577		<.001	<.03
46578		<.001	<.03
46579		<.001	<.03
46580		<.001	<.03
46581		<.001	<.03
46582		<.001	<.03
46583		<.001	<.03
46584		<.001	<.03
46585		0.122	4.183
46586		<.001	<.03
46587		<.001	<.03
46588		<.001	<.03
46589		<.001	<.03
46590		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6906**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb19 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46591	<.001	<.03
46592	<.001	<.03
46593	<.001	<.03
46594	<.001	<.03
46595	<.001	<.03
46596	<.001	<.03
46597	<.001	<.03
46598	<.001	<.03
46599	<.001	<.03
46600	<.001	<.03
46601	<.001	<.03
46602	<.001	<.03
46603	<.001	<.03
46604	<.001	<.03
46605	<.001	<.03
46606	<.001	<.03
46607	<.001	<.03
46608	<.001	<.03
46609	<.001	<.03
46610	0.080	2.743
46611	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6907**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb19 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46612		<.001	<.03
46613		<.001	<.03
46614		<.001	<.03
46615		<.001	<.03
46616		<.001	<.03
46617		<.001	<.03
46618		<.001	<.03
46619		<.001	<.03
46620		<.001	<.03
46621		<.001	<.03
46622		<.001	<.03
46623		<.001	<.03
46624		<.001	<.03
46625		<.001	<.03
46626		<.001	<.03
46627		<.001	<.03
46628		<.001	<.03
46629		<.001	<.03
46630		<.001	<.03
46631		<.001	<.03
46632		<.001	<.03
46633		<.001	<.03
46634		<.001	<.03
46635		<.001	<.03
46636		<.001	<.03
46637		<.001	<.03
46638		<.001	<.03
46639		<.001	<.03
46640		<.001	<.03

29 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis
Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6933, 6934, 6935, 6936, 6937 & 6938

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: February 22, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6933**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46641	<.001	<.03
46642	<.001	<.03
46643	<.001	<.03
46644	<.001	<.03
46645	<.001	<.03
46646	<.001	<.03
46647	<.001	<.03
46648	<.001	<.03
46649	<.001	<.03
46650	0.018	0.617
46651	<.001	<.03
46652	<.001	<.03
46653	<.001	<.03
46654	<.001	<.03
46655	<.001	<.03
46656	<.001	<.03
46657	<.001	<.03
46658	<.001	<.03
46659	<.001	<.03
46660	<.001	<.03
46661	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6934**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.178	6.103
46662		<.001	<.03
46663		<.001	<.03
46664		<.001	<.03
46665		<.001	<.03
46666		<.001	<.03
46667		<.001	<.03
46668		<.001	<.03
46669		<.001	<.03
46670		<.001	<.03
46671		<.001	<.03
46672		<.001	<.03
46673		<.001	<.03
46674		<.001	<.03
46675		<.001	<.03
46676		<.001	<.03
46677		<.001	<.03
46678		<.001	<.03
46679		<.001	<.03
46680		<.001	<.03
46681		<.001	<.03
46682		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6935**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46683	<.001	<.03
46684	<.001	<.03
46685	0.120	4.114
46686	<.001	<.03
46687	<.001	<.03
46688	<.001	<.03
46689	<.001	<.03
46690	<.001	<.03
46691	<.001	<.03
46692	<.001	<.03
46693	<.001	<.03
46694	<.001	<.03
46695	<.001	<.03
46696	<.001	<.03
46697	<.001	<.03
46698	<.001	<.03
46699	<.001	<.03
46700	<.001	<.03
46701	<.001	<.03
46702	<.001	<.03
46703	<.001	<.03
46704	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6936**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46705		<.001	<.03
46706		<.001	<.03
46707		<.001	<.03
46708		<.001	<.03
46709		<.001	<.03
46710		<.001	<.03
46711		<.001	<.03
46712		<.001	<.03
46713		<.001	<.03
46714		<.001	<.03
46715		<.001	<.03
46716		<.001	<.03
46717		<.001	<.03
46718		<.001	<.03
46719		<.001	<.03
46720		<.001	<.03
46721		<.001	<.03
46722		<.001	<.03
46723		<.001	<.03
46724		<.001	<.03
46725		<.001	<.03
46726		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6937**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46727	<.001	<.03
46728	<.001	<.03
46729	<.001	<.03
46730	<.001	<.03
46731	<.001	<.03
46732	<.001	<.03
46733	<.001	<.03
46734	<.001	<.03
46735	<.001	<.03
46736	<.001	<.03
46737	0.078	2.674
46738	<.001	<.03
46739	<.001	<.03
46740	<.001	<.03
46741	<.001	<.03
46742	<.001	<.03
46743	<.001	<.03
46744	<.001	<.03
46745	<.001	<.03
46746	<.001	<.03
46747	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6938**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project
P. W.

Date : Feb22 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46748		<.001	<.03
46749		<.001	<.03
46750		<.001	<.03
46751		<.001	<.03
46752		<.001	<.03
46753		<.001	<.03
46754		<.001	<.03
46755		<.001	<.03
46756		<.001	<.03
46757		<.001	<.03
46758		<.001	<.03
46759		<.001	<.03
46760		<.001	<.03
46761		<.001	<.03
46762		<.001	<.03
46763		<.001	<.03
46764		<.001	<.03
46765		<.001	<.03
46766		<.001	<.03
46767		<.001	<.03
46768		<.001	<.03
46769		<.001	<.03
46770		0.016	0.549

22 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 6971, 6998, 6999, 7000, 7001 & 7002

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: February 26, 2010

Disclaimer. The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **6971**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb24 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46771		<.001	<.03
46772		<.001	<.03
46773		<.001	<.03
46774		<.001	<.03
46775		<.001	<.03
46776		<.001	<.03
46777		<.001	<.03
46778		<.001	<.03
46779		<.001	<.03
46780		<.001	<.03
46781		<.001	<.03
46782		<.001	<.03
46783		<.001	<.03
46784		<.001	<.03
46785		<.001	<.03
46786		<.001	<.03
46787		<.001	<.03
46788		<.001	<.03
46789		<.001	<.03
46790		<.001	<.03
46791		<.001	<.03
46792		<.001	<.03
46793		<.001	<.03
46794		<.001	<.03
46795		<.001	<.03
46796		<.001	<.03
46797		<.001	<.03
46798		<.001	<.03
46799		<.001	<.03

29 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6998**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 26 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46800	<.001	<.03
46801	<.001	<.03
46802	<.001	<.03
46803	<.001	<.03
46804	<.001	<.03
46805	<.001	<.03
46806	<.001	<.03
46807	<.001	<.03
46808	<.001	<.03
46809	<.001	<.03
46810	<.001	<.03
46811	<.001	<.03
46812	<.001	<.03
46813	<.001	<.03
46814	<.001	<.03
46815	<.001	<.03
46816	<.001	<.03
46817	<.001	<.03
46818	0.076	2.606
46819	<.001	<.03
46820	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **6999**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 26 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.178	6.103
46821		<.001	<.03
46822		<.001	<.03
46823		<.001	<.03
46824		<.001	<.03
46825		<.001	<.03
46826		<.001	<.03
46827		<.001	<.03
46828		<.001	<.03
46829		<.001	<.03
46830		<.001	<.03
46831		<.001	<.03
46832		<.001	<.03
46833		<.001	<.03
46834		<.001	<.03
46835		<.001	<.03
46836		<.001	<.03
46837		<.001	<.03
46838		<.001	<.03
46839		<.001	<.03
46840		<.001	<.03
46841		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7000**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 26 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46842	<.001	<.03
46843	<.001	<.03
46844	<.001	<.03
46845	<.001	<.03
46846	<.001	<.03
46847	<.001	<.03
46848	<.001	<.03
46849	<.001	<.03
46850	0.040	1.371
46851	<.001	<.03
46852	<.001	<.03
46853	<.001	<.03
46854	<.001	<.03
46855	<.001	<.03
46856	<.001	<.03
46857	<.001	<.03
46858	<.001	<.03
46859	<.001	<.03
46860	<.001	<.03
46861	<.001	<.03
46862	<.001	<.03
46863	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7001**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 26 /2010

Sample #		Au oz/ton	Au g/tonne
OxL 63	std	0.176	6.034
46864		<.001	<.03
46865		<.001	<.03
46866		<.001	<.03
46867		<.001	<.03
46868		<.001	<.03
46869		<.001	<.03
46870		0.002	0.069
46871		<.001	<.03
46872		<.001	<.03
46873		<.001	<.03
46874		<.001	<.03
46875		<.001	<.03
46876		<.001	<.03
46877		<.001	<.03
46878		<.001	<.03
46879		<.001	<.03
46880		<.001	<.03
46881		<.001	<.03
46882		<.001	<.03
46883		<.001	<.03
46884		<.001	<.03
46885		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7002**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Feb 26 /2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46886	<.001	<.03
46887	<.001	<.03
46888	<.001	<.03
46889	0.004	0.137
46890	<.001	<.03
46891	<.001	<.03
46892	<.001	<.03
46893	<.001	<.03
46894	<.001	<.03
46895	0.122	4.183
46896	<.001	<.03
46897	<.001	<.03
46898	<.001	<.03
46899	<.001	<.03

14 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining inc.

Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7075, 7076, 7077, 7078, 7079, 7080, 7081, 7101, 7102, 7103, 7104 & 7105

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 12, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7075**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<..03
46900	<.001	<..03
46901	<.001	<..03
46902	<.001	<..03
46903	<.001	<..03
46904	<.001	<..03
46905	<.001	<..03
46906	<.001	<..03
46907	<.001	<..03
46908	<.001	<..03
46909	<.001	<..03
46910	<.001	<..03
46911	<.001	<..03

12 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7076**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
46912		<.001	<.03
46913		<.001	<.03
46914		<.001	<.03
46915		<.001	<.03
46916		<.001	<.03
46917		<.001	<.03
46918		<.001	<.03
46919		<.001	<.03
46920		<.001	<.03
46921		<.001	<.03
46922		<.001	<.03
46923		<.001	<.03
46924		<.001	<.03
46925		<.001	<.03
46926		<.001	<.03
46927		<.001	<.03
46928		<.001	<.03
46929		<.001	<.03
46930		<.001	<.03
46931		<.001	<.03
46932		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7077**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46933	<.001	<.03
46934	0.078	2.674
46935	<.001	<.03
46936	<.001	<.03
46937	<.001	<.03
46938	<.001	<.03
46939	<.001	<.03
46940	<.001	<.03
46941	<.001	<.03
46942	<.001	<.03
46943	<.001	<.03
46944	<.001	<.03
46945	<.001	<.03
46946	<.001	<.03
46947	<.001	<.03
46948	<.001	<.03
46949	<.001	<.03
46950	<.001	<.03
46951	<.001	<.03
46952	<.001	<.03
46953	<.001	<.03
46954	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7078**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 11 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
46955		<.001	<.03
46956		<.001	<.03
46957		<.001	<.03
46958		<.001	<.03
46959		<.001	<.03
46960		<.001	<.03
46961		<.001	<.03
46962		<.001	<.03
46963		<.001	<.03
46964		<.001	<.03
46965		0.012	0.411
46966		<.001	<.03
46967		<.001	<.03
46968		<.001	<.03
46969		<.001	<.03
46970		<.001	<.03
46971		<.001	<.03
46972		<.001	<.03
46973		<.001	<.03
46974		<.001	<.03
46975		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7079**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 11 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
46976	<.001	<.03
46977	<.001	<.03
46978	<.001	<.03
46979	<.001	<.03
46980	<.001	<.03
46981	<.001	<.03
46982	<.001	<.03
46983	<.001	<.03
46984	<.001	<.03
46985	<.001	<.03
46986	<.001	<.03
46987	<.001	<.03
46988	<.001	<.03
46989	<.001	<.03
46990	<.001	<.03
46991	<.001	<.03
46992	<.001	<.03
46993	<.001	<.03
46994	<.001	<.03
46995	<.001	<.03
46996	<.001	<.03
46997	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7080**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 11 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
46998		<.001	<.03
46999		<.001	<.03
47000		<.001	<.03
37001		<.001	<.03
37002		<.001	<.03
37003		<.001	<.03
37004		<.001	<.03
37005		<.001	<.03
37006		<.001	<.03
37007		<.001	<.03
37008		<.001	<.03
37009		<.001	<.03
37010		0.004	0.137
37011		<.001	<.03
37012		0.004	0.137
37013		0.006	0.206
37014		<.001	<.03
37015		<.001	<.03
37016		<.001	<.03
37017		<.001	<.03
37018		<.001	<.03
37019		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7081**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 11 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37020	0.118	4.046
37021	<.001	<.03
37022	<.001	<.03
37023	<.001	<.03
37024	0.004	0.137
37025	<.001	<.03
37026	<.001	<.03
37027	<.001	<.03
37028	<.001	<.03
37029	<.001	<.03
37030	<.001	<.03
37031	<.001	<.03
37032	<.001	<.03
37033	0.008	0.274
37034	0.006	0.206
37035	0.006	0.206
37036	<.001	<.03
37037	0.004	0.137
37038	0.004	0.137
37039	<.001	<.03
37040	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7101**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 12 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37041		<.001	<.03
37042		<.001	<.03
37043		<.001	<.03
37044		<.001	<.03
37045		<.001	<.03
37046		<.001	<.03
37047		<.001	<.03
37048		<.001	<.03
37049		<.001	<.03
37050		0.084	2.880
37051		<.001	<.03
37052		<.001	<.03
37053		<.001	<.03
37054		<.001	<.03

14 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7102**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 12 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37055		<.001	<.03
37056		<.001	<.03
37057		<.001	<.03
37058		<.001	<.03
37059		<.001	<.03
37060		<.001	<.03
37061		<.001	<.03
37062		<.001	<.03
37063		<.001	<.03
37064		<.001	<.03
37065		<.001	<.03
37066		<.001	<.03
37067		<.001	<.03
37068		0.018	0.617
37069		<.001	<.03
37070		<.001	<.03
37071		<.001	<.03
37072		<.001	<.03
37073		<.001	<.03
37074		<.001	<.03
37075		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7103**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 12 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37076	<.001	<.03
37077	<.001	<.03
37078	<.001	<.03
37079	<.001	<.03
37080	<.001	<.03
37081	<.001	<.03
37082	<.001	<.03
37083	<.001	<.03
37084	<.001	<.03
37085	<.001	<.03
37086	<.001	<.03
37087	<.001	<.03
37088	<.001	<.03
37089	<.001	<.03
37090	<.001	<.03
37091	<.001	<.03
37092	<.001	<.03
37093	<.001	<.03
37094	<.001	<.03
37095	<.001	<.03
37096	<.001	<.03
37097	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7104**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 12 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37098		<.001	<.03
37099		<.001	<.03
37100		<.001	<.03
37101		<.001	<.03
37102		<.001	<.03
37103		<.001	<.03
37104		<.001	<.03
37105		<.001	<.03
37106		<.001	<.03
37107		<.001	<.03
37108		<.001	<.03
37109		<.001	<.03
37110		0.076	2.606
37111		<.001	<.03
37112		<.001	<.03
37113		<.001	<.03
37114		<.001	<.03
37115		<.001	<.03
37116		<.001	<.03
37117		<.001	<.03
37118		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7105**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : March 12 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37119	<.001	<.03
37120	<.001	<.03
37121	<.001	<.03
37122	<.001	<.03
37123	<.001	<.03
37124	<.001	<.03
37125	<.001	<.03
37126	<.001	<.03
37127	<.001	<.03
37128	<.001	<.03
37129	<.001	<.03
37130	<.001	<.03

12 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7118 & 7119 – Project P.W.
7117 is for regular job.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 15, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7118**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 15 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37131		<.001	<.03
37132		<.001	<.03
37133		<.001	<.03
37134		<.001	<.03
37135		<.001	<.03
37136		<.001	<.03
37137		<.001	<.03
37138		<.001	<.03
37139		<.001	<.03
37140		<.001	<.03
37141		<.001	<.03
37142		<.001	<.03
37143		<.001	<.03
37144		<.001	<.03
37145		<.001	<.03
37146		<.001	<.03
37147		<.001	<.03
37148		<.001	<.03
37149		<.001	<.03
37150		0.016	0.549
37151		0.004	0.137
37152		<.001	<.03
37153		<.001	<.03

23 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7119**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 15 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37154	<.001	<.03
37155	<.001	<.03
37156	<.001	<.03
37157	<.001	<.03
37158	<.001	<.03
37159	<.001	<.03
37160	<.001	<.03
37161	<.001	<.03
37162	<.001	<.03
37163	<.001	<.03
37164	<.001	<.03
37165	<.001	<.03
37166	<.001	<.03
37167	<.001	<.03
37168	<.001	<.03
37169	<.001	<.03
37170	<.001	<.03
37171	<.001	<.03
37172	<.001	<.03
37173	<.001	<.03
37174	<.001	<.03
37175	<.001	<.03
37176	<.001	<.03
37177	<.001	<.03
37178	<.001	<.03
37179	<.001	<.03
37180	0.004	0.137
37181	<.001	<.03
37182	<.001	<.03
37183	<.001	<.03
37184	<.001	<.03
37185	<.001	<.03

32 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7148, 7149, 7150, 7151, 7152, 7153, 7154, 7155, 7156, 7157 & 7158 Project P.W.
Also: 7159, 7160 & 7161

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 19, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7148**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37186		<.001	<.03
37187		<.001	<.03
37188		0.076	2.606
37189		<.001	<.03
37190		<.001	<.03
37191		<.001	<.03
37192		<.001	<.03
37193		<.001	<.03
37194		<.001	<.03
37195		<.001	<.03
37196		0.002	0.069
37197		<.001	<.03
37198		<.001	<.03
37199		<.001	<.03
37200		<.001	<.03
37201		<.001	<.03
37202		<.001	<.03
37203		<.001	<.03
37204		<.001	<.03
37205		<.001	<.03
37206		<.001	<.03
37207		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7149**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37208	<.001	<.03
37209	<.001	<.03
37210	<.001	<.03
37211	<.001	<.03
37212	<.001	<.03
37213	<.001	<.03
37214	<.001	<.03
37215	<.001	<.03
37216	<.001	<.03
37217	<.001	<.03
37218	<.001	<.03
37219	<.001	<.03
37220	<.001	<.03
37221	<.001	<.03
37222	<.001	<.03
37223	<.001	<.03
37224	<.001	<.03
37225	<.001	<.03
37226	0.006	0.206
37227	<.001	<.03
37228	<.001	<.03
37229	0.002	0.069

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7150**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
37230		<.001	<.03
37231		<.001	<.03
37232		0.020	0.686
37233		<.001	<.03
37234		0.002	0.069
37235		<.001	<.03
37236		<.001	<.03
37237		0.002	0.069
37238		<.001	<.03
37239		<.001	<.03
37240		<.001	<.03
37241		<.001	<.03
37242		<.001	<.03
37243		<.001	<.03
37244		<.001	<.03
37245		<.001	<.03
37246		<.001	<.03
37247		<.001	<.03
37248		<.001	<.03
37249		<.001	<.03
37250		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7151**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37251	<.001	<.03
37252	<.001	<.03
37253	<.001	<.03
37254	<.001	<.03
37255	0.002	0.069
37256	<.001	<.03
37257	<.001	<.03
37258	<.001	<.03
37259	<.001	<.03
37260	<.001	<.03
37261	<.001	<.03
37262	<.001	<.03
37263	<.001	<.03
37264	<.001	<.03
37265	<.001	<.03
37266	<.001	<.03
37267	<.001	<.03
37268	<.001	<.03
37269	<.001	<.03
37270	<.001	<.03
37271	<.001	<.03
37272	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7152**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
37273		<.001	<.03
37274		<.001	<.03
37275		<.001	<.03
37276		<.001	<.03
37277		<.001	<.03
37278		<.001	<.03
37279		<.001	<.03
37280		<.001	<.03
37281		<.001	<.03
37282		<.001	<.03
37283		<.001	<.03
37284		<.001	<.03
37285		<.001	<.03
37286		0.020	0.686
37287		<.001	<.03
37288		<.001	<.03
37289		<.001	<.03
37290		<.001	<.03
37291		<.001	<.03
37292		<.001	<.03
37293		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7153**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 18 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37294	<.001	<.03
37295	<.001	<.03
37296	<.001	<.03
37297	<.001	<.03
37298	<.001	<.03
37299	<.001	<.03
37300	<.001	<.03
37301	<.001	<.03
37302	<.001	<.03
37303	<.001	<.03
37304	<.001	<.03
37305	<.001	<.03
37306	<.001	<.03
37307	<.001	<.03
37308	<.001	<.03
37309	<.001	<.03
37310	<.001	<.03
37311	<.001	<.03
37312	<.001	<.03
37313	<.001	<.03
37314	<.001	<.03
37315	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7154**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 19 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37316		<.001	<.03
37317		<.001	<.03
37318		<.001	<.03
37319		<.001	<.03
37320		0.078	2.674
37321		<.001	<.03
37322		<.001	<.03
37323		<.001	<.03
37324		<.001	<.03
37325		<.001	<.03
37326		<.001	<.03
37327		<.001	<.03
37328		<.001	<.03
37329		<.001	<.03
37330		<.001	<.03
37331		<.001	<.03
37332		<.001	<.03
37333		<.001	<.03
37334		<.001	<.03
37335		<.001	<.03
37336		<.001	<.03
37337		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7155**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 19 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37338	<.001	<.03
37339	<.001	<.03
37340	<.001	<.03
37341	<.001	<.03
37342	<.001	<.03
37343	<.001	<.03
37344	<.001	<.03
37345	<.001	<.03
37346	<.001	<.03
37347	<.001	<.03
37348	<.001	<.03
37349	<.001	<.03
37350	<.001	<.03
37351	<.001	<.03
37352	<.001	<.03
37353	<.001	<.03
37354	<.001	<.03
37355	<.001	<.03
37356	<.001	<.03
37357	<.001	<.03
37358	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7156**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 19 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
37359		<.001	<.03
37360		0.078	2.674
37361		<.001	<.03
37362		<.001	<.03
37363		<.001	<.03
37364		<.001	<.03
37365		<.001	<.03
37366		<.001	<.03
37367		<.001	<.03
37368		<.001	<.03
37369		<.001	<.03
37370		<.001	<.03
37371		<.001	<.03
37372		<.001	<.03
37373		<.001	<.03
37374		<.001	<.03
37375		<.001	<.03
37376		<.001	<.03
37377		<.001	<.03
37378		<.001	<.03
37379		<.001	<.03
37380		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7157**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 19 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37381	<.001	<.03
37382	<.001	<.03
37383	<.001	<.03
37384	<.001	<.03
37385	<.001	<.03
37386	<.001	<.03
37387	<.001	<.03
37388	<.001	<.03
37389	<.001	<.03
37390	<.001	<.03
37391	<.001	<.03
37392	<.001	<.03
37393	<.001	<.03
37394	<.001	<.03
37395	<.001	<.03
37396	<.001	<.03
37397	<.001	<.03
37398	<.001	<.03
37399	<.001	<.03
37400	<.001	<.03
37401	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7158**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 19 / 2010

Sample #		Au oz/ton	Au g/tonne	
OxL- 63	Std	0.176	6.034	
37402		<.001	<.03	
37403		<.001	<.03	
37404		<.001	<.03	
37405		<.001	<.03	
37406		0.004	0.137	
37407		0.004	0.137	
37408		<.001	<.03	
37409		<.001	<.03	
37410		0.004	0.137	
37411		0.018	0.617	
37412		<.001	<.03	
37413		<.001	<.03	
37414		<.001	<.03	
37415		<.001	<.03	
37416		0.004	0.137	
37417		0.022	0.754	
37418		<.001	<.03	
37419		<.001	<.03	
37420		<.001	<.03	
37421		<.001	<.03	
37422		<.001	<.03	
37423		<.001	<.03	
37424		0.004	0.137	
37425		0.014	0.480	
37426		0.008	0.274	
37427		<.001	<.03	
37428		<.001	<.03	
37429		<.001	<.03	
37430		<.001	<.03	
37431		<.001	<.03	30 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7190, 7191, 7192, 7193, 7194

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: March 23, 2010

Disclaimer. The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7190**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

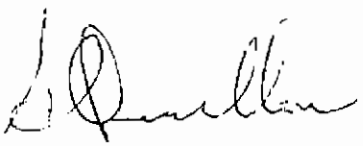
Project PW

Date : March 23 / 2010

Sample #	Au oz/ton	Au g/tonne
Standard	0.174	5.966
37432	<.001	<.03
37433	<.001	<.03
37434	<.001	<.03
37435	<.001	<.03
37436	<.001	<.03
37437	<.001	<.03
37438	<.001	<.03
37439	<.001	<.03
37440	<.001	<.03
37441	<.001	<.03
37442	<.001	<.03
37443	<.001	<.03
37444	<.001	<.03
37445	<.001	<.03
37446	<.001	<.03
37447	0.002	0.069
37448	<.001	<.03
37449	<.001	<.03
37450	<.001	<.03
37451	<.001	<.03
37452	<.001	<.03
37453	<.001	<.03
37454	<.001	<.03
37455	<.001	<.03
37456	<.001	<.03
37457	<.001	<.03

26 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7191**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : March 23 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37458	<.001	<.03
37459	<.001	<.03
37460	<.001	<.03
37461	<.001	<.03
37462	<.001	<.03
37463	<.001	<.03
37464	<.001	<.03
37465	<.001	<.03
37466	<.001	<.03
37467	<.001	<.03
37468	<.001	<.03
37469	<.001	<.03
37470	<.001	<.03
37471	0.076	2.606
37472	<.001	<.03
37473	<.001	<.03
37474	<.001	<.03
37475	<.001	<.03
37476	<.001	<.03
37477	<.001	<.03
37478	0.002	0.069

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7192**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : March 23 / 2010

Sample #	Au oz/ton	Au g/tonne
Standard	0.174	5.966
37479	<.001	<.03
37480	<.001	<.03
37484	0.004	0.137
37485	<.001	<.03
37486	<.001	<.03
37487	<.001	<.03
37488	<.001	<.03
37489	<.001	<.03
37490	<.001	<.03
37491	<.001	<.03
37492	<.001	<.03
37493	<.001	<.03
37494	<.001	<.03
37495	<.001	<.03
37496	<.001	<.03
37497	<.001	<.03
37498	<.001	<.03
37499	<.001	<.03
37500	<.001	<.03
37501	<.001	<.03
37502	<.001	<.03
37503	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7193**

Client: Queenston Mining Inc.
Job No. 0-136

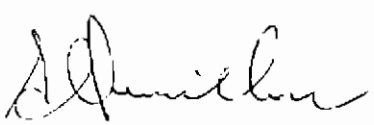
Splits

Project PW

Date : March 23 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37504	<.001	<.03
37505	<.001	<.03
37506	<.001	<.03
37507	<.001	<.03
37508	<.001	<.03
37508	<.001	<.03
37510	<.001	<.03
37511	<.001	<.03
0.7512	<.001	<.03
37513	<.001	<.03
37514	<.001	<.03
37515	<.001	<.03
37516	<.001	<.03
37517	<.001	<.03
37518	<.001	<.03
37519	<.001	<.03
37520	<.001	<.03
37521	<.001	<.03
37522	0.019	0.651
37523	<.001	<.03
37524	0.002	0.069
37525	0.002	0.069

22 Splits

Certified Assayer: 

PolyMet Laboratories

Au Assay
CERTIFICATE **7194**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : March 23 / 2010

Sample #	Au oz/ton	Au g/tonne
Standard	0.176	6.034
37526	<.001	<.03
37527	<.001	<.03
37528	<.001	<.03
37529	0.006	0.206
37530	<.001	<.03
37531	<.001	<.03
37532	0.004	0.137
37533	<.001	<.03
37534	<.001	<.03
37535	<.001	<.03
37536	<.001	<.03
37537	<.001	<.03
37538	<.001	<.03
37539	<.001	<.03
37540	<.001	<.03
37541	0.002	0.069
37542	<.001	<.03
37543	<.001	<.03
37544	<.001	<.03
37545	<.001	<.03
37546	0.006	0.206
37547	<.001	<.03
37548	<.001	<.03
37549	<.001	<.03
37550	<.001	<.03

25 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7211 - Project P.W.

Certified by: _____
Chief Assayer

Certified by: _____
Acting Manager

Date: March 25, 2010

Disclaimer. The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7211**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : March 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37481		<.001	<.03
37482		<.001	<.03
37483		<.001	<.03

3 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7444**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 4 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37551		<.001	<.03
37552		<.001	<.03
37553		<.001	<.03
37554		<.001	<.03
37555		<.001	<.03
37556		<.001	<.03
37557		<.001	<.03
37558		<.001	<.03
37559		0.004	0.137
37560		<.001	<.03
37561		<.001	<.03

11 Splits

Certified Assayer:

Pawnee

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7463, 7464, 7465, 7466, 7467, 7468, 7469, 7470, 7471, 7472, 7473, 7474 & 7475

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 11, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7463**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37562		0.004	0.137
37563		0.002	0.069
37564		0.002	0.069
37565		<.001	<.03
37566		0.024	0.823
37567		0.004	0.137
37568		0.002	0.069
37569		<.001	<.03
37570		0.002	0.069
37571		<.001	<.03
37572		0.078	2.674
37573		Pend	
37574		0.008	0.274
37575		<.001	<.03
37576		<.001	<.03
37577		<.001	<.03

15 Splits
1 Pend

Certified Assayer: Frank Lidy

PolyMet Laboratories

Au Assay
CERTIFICATE **7464**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : May 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37578	<.001	<.03
37579	<.001	<.03
37580	<.001	<.03
37581	<.001	<.03
37582	<.001	<.03
37583	<.001	<.03
37584	<.001	<.03
37585	<.001	<.03
37586	<.001	<.03
37587	0.002	0.069
37588	<.001	<.03
37589	<.001	<.03
37590	<.001	<.03
37591	<.001	<.03
37592	<.001	<.03
37593	<.001	<.03
37594	<.001	<.03
37595	<.001	<.03
37596	<.001	<.03
37597	<.001	<.03
37598	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7465**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37599		<.001	<.03
37600		<.001	<.03
37601		<.001	<.03
37602		<.001	<.03
37603		<.001	<.03
37604		<.001	<.03
37605		<.001	<.03
37606		<.001	<.03
37607		<.001	<.03
37608		<.001	<.03
37609		<.001	<.03
37610		<.001	<.03
37611		<.001	<.03
37612		<.001	<.03
37613		<.001	<.03
37614		<.001	<.03
37615		<.001	<.03
37616		<.001	<.03
37617		<.001	<.03
37618		<.001	<.03
37619		<.001	<.03
37620		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7466**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37621	<.001	<.03
37622	<.001	<.03
37623	<.001	<.03
37624	<.001	<.03
37625	<.001	<.03
37626	<.001	<.03
37627	<.001	<.03
37628	<.001	<.03
37629	<.001	<.03
37630	<.001	<.03
37631	<.001	<.03
37632	<.001	<.03
37633	<.001	<.03
37634	<.001	<.03
37635	<.001	<.03
37636	<.001	<.03
37637	<.001	<.03
37638	0.078	2.674
37639	<.001	<.03
37640	<.001	<.03
37641	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7467**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
37642		<.001	<.03
37643		<.001	<.03
37644		<.001	<.03
37645		<.001	<.03
37646		<.001	<.03
37647		<.001	<.03
37648		<.001	<.03
37649		<.001	<.03
37650		<.001	<.03
37651		<.001	<.03
37652		<.001	<.03
37653		<.001	<.03
37654		<.001	<.03
37655		<.001	<.03
37656		<.001	<.03
37657		<.001	<.03
37658		<.001	<.03
37659		<.001	<.03
37660		<.001	<.03
37661		<.001	<.03
37662		<.001	<.03
37663		0.016	0.549

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7468**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37664		<.001	<.03
37665		<.001	<.03
37666		<.001	<.03
37667		<.001	<.03
37668		<.001	<.03
37669		<.001	<.03
37670		<.001	<.03
37671		<.001	<.03
37672		<.001	<.03
37673		<.001	<.03
37674		<.001	<.03
37675		<.001	<.03
37676		<.001	<.03
37677		<.001	<.03
37678		<.001	<.03
37679		<.001	<.03
37680		<.001	<.03
37681		0.076	2.606
37682		0.006	0.206
37683		<.001	<.03
37684		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7469**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date . May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37685		<.001	<.03
37686		<.001	<.03
37687		<.001	<.03
37688		<.001	<.03
37689		<.001	<.03
37690		<.001	<.03
37691		<.001	<.03
37692		<.001	<.03
37693		<.001	<.03
37694		<.001	<.03
37695		<.001	<.03
37696		<.001	<.03
37697		<.001	<.03
37698		<.001	<.03
37699		<.001	<.03
37700		<.001	<.03
37701		0.012	0.411
37702		<.001	<.03
37703		<.001	<.03
37704		<.001	<.03
37705		<.001	<.03
37706		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7470**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37707	<.001	<.03
37708	<.001	<.03
37709	<.001	<.03
37710	<.001	<.03
37711	<.001	<.03
37712	<.001	<.03
37713	<.001	<.03
37714	<.001	<.03
37715	<.001	<.03
37716	<.001	<.03
37717	<.001	<.03
37718	<.001	<.03
37719	<.001	<.03
37720	<.001	<.03
37721	<.001	<.03
37722	<.001	<.03
37723	<.001	<.03
37724	<.001	<.03
37725	0.078	2.674
37726	<.001	<.03
37727	<.001	<.03
37728	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7471**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37729		<.001	<.03
37730		<.001	<.03
37731		<.001	<.03
37732		<.001	<.03
37733		<.001	<.03
37734		<.001	<.03
37735		<.001	<.03
37736		<.001	<.03
37737		<.001	<.03
37738		<.001	<.03
37739		<.001	<.03
37740		<.001	<.03
37741		<.001	<.03
37742		<.001	<.03
37743		<.001	<.03
37744		<.001	<.03
37745		<.001	<.03
37746		<.001	<.03
37747		<.001	<.03
37748		0.076	2.606
37749		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7472**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : May 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37750	<.001	<.03
37751	<.001	<.03
37752	<.001	<.03
37753	<.001	<.03
37754	<.001	<.03
37755	<.001	<.03
37756	0.004	0.137
37757	<.001	<.03
37758	<.001	<.03
37759	<.001	<.03
37760	<.001	<.03
37761	<.001	<.03
37762	<.001	<.03
37763	<.001	<.03
37764	<.001	<.03
37765	<.001	<.03
37766	<.001	<.03
37767	<.001	<.03
37768	<.001	<.03
37769	<.001	<.03
37770	<.001	<.03
37771	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7473**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date May 10 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37772		<.001	<.03
37773		<.001	<.03
37774		<.001	<.03
37775		<.001	<.03
37776		<.001	<.03
37777		<.001	<.03
37778		<.001	<.03
37779		<.001	<.03
37780		<.001	<.03
37781		<.001	<.03
37782		0.008	0.274
37783		0.004	0.137
37784		<.001	<.03
37785		<.001	<.03
37786		<.001	<.03
37787		<.001	<.03
37788		<.001	<.03
37789		<.001	<.03
37790		<.001	<.03
37791		0.078	2.674
37792		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7474**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

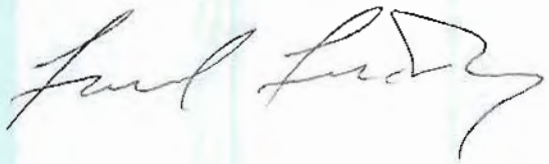
Project P. W.

Date : May 10 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37793	<.001	<.03
37794	<.001	<.03
37795	<.001	<.03
37796	<.001	<.03
37797	<.001	<.03
37798	<.001	<.03
37799	<.001	<.03
37800	<.001	<.03
37801	<.001	<.03
37802	Pend	
37803	<.001	<.03
37804	Pend	

10 Splits
2 Pend

Certified Assayer:



PolyMet Laboratories

CERTIFICATE **# 7475**

Client: Queenston
Job No. 0-136

Date:
May 10 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Reject Check Au Oz/ton	Reject Check g/tonne
37573	0.036	1.234	0.030	1.029
37802	0.046	1.577	0.048	1.646
37804	0.058	1.989	0.056	1.920

3 + 6

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7495, 7496, 7497, 7498, 7499, 7511, 7512, 7513 & 7514.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 14, 2010.

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7511**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37805		Pend	
37806		Pend	
37807		Pend	
37808		<.001	<.03
37809		<.001	<.03
37810		<.001	<.03
37811		<.001	<.03
37812		<.001	<.03
37813		<.001	<.03
37814		<.001	<.03
37815		<.001	<.03
37816		<.001	<.03
37817		<.001	<.03
37818		<.001	<.03
37819		0.006	0.206
37820		<.001	<.03

13 Splits
3 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7512**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 14 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37821	<.001	<.03
37822	<.001	<.03
37823	<.001	<.03
37824	<.001	<.03
37825	0.074	2.537
37826	<.001	<.03
37827	<.001	<.03
37828	<.001	<.03
37829	<.001	<.03
37830	<.001	<.03
37831	<.001	<.03
37832	<.001	<.03
37833	<.001	<.03
37834	<.001	<.03
37835	<.001	<.03
37836	<.001	<.03
37837	0.002	0.069
37838	0.010	0.343
37839	0.002	0.069
37840	0.014	0.480
37841	<.001	<.03
37842	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7513**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37843		<.001	<.03
37844		<.001	<.03
37845		<.001	<.03
37846		<.001	<.03
37847		0.002	0.069
37848		<.001	<.03
37849		Pend	
37850		Pend	
37851		<.001	<.03
37852		<.001	<.03
37853		<.001	<.03
37854		0.002	0.069
37855		<.001	<.03
37856		<.001	<.03
37857		0.002	0.069
37858		<.001	<.03
37859		<.001	<.03
37860		<.001	<.03
37861		<.001	<.03
37862		<.001	<.03
37863		<.001	<.03

20 Splits
2 pend

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **# 7514**

Client: Queenston
Job No. 0-136

Date:
May 14 / 10

Sample #	Original Au Oz/ton	Original g/tonne	Reject Au Oz/ton	Check g/tonne
37805	0.068	2.331	0.068	2.331
37806	0.082	2.811	0.084	2.880
37807	0.062	2.126	0.062	2.126
37849	0.122	4.183	0.126	4.320
37850	0.032	1.097	0.032	1.097

Checks for Project PW

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7543, 7544, 7545, 7546, 7547, 7548, 7549, 7550, 7551, 7552, 7553, 7554, 7555, 7556 & 7557.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 25, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7543**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 20 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
37864		<.001	<.03
37865		<.001	<.03
37866		<.001	<.03
37867		<.001	<.03
37868		<.001	<.03
37869		<.001	<.03
37870		<.001	<.03
37871		<.001	<.03
37872		<.001	<.03
37873		<.001	<.03
37874		<.001	<.03
37875		<.001	<.03
37876		<.001	<.03
37877		<.001	<.03
37878		<.001	<.03
37879		<.001	<.03
37880		<.001	<.03
37881		<.001	<.03
37882		<.001	<.03
37883		0.078	2.674
37884		<.001	<.03
37885		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7544**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 20 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37886	<.001	<.03
37887	<.001	<.03
37888	<.001	<.03
37889	<.001	<.03
37890	<.001	<.03
37891	<.001	<.03
37892	<.001	<.03
37893	<.001	<.03
37894	<.001	<.03
37895	<.001	<.03
37896	<.001	<.03
37897	<.001	<.03
37898	<.001	<.03
37899	<.001	<.03
37900	<.001	<.03
37901	<.001	<.03
37902	<.001	<.03
37903	<.001	<.03
37904	<.001	<.03
37905	<.001	<.03
37906	<.001	<.03
37907	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7545**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 20 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
37908		<.001	<.03
37909		<.001	<.03
37910		<.001	<.03
37911		<.001	<.03
37912		<.001	<.03
37913		<.001	<.03
37914		<.001	<.03
37915		<.001	<.03
37916		<.001	<.03
37917		<.001	<.03
37918		<.001	<.03
37919		<.001	<.03
37920		<.001	<.03
37921		<.001	<.03
37922		<.001	<.03
37923		<.001	<.03
37924		<.001	<.03
37925		<.001	<.03
37926		0.074	2.537
37927		<.001	<.03
37928		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7546**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

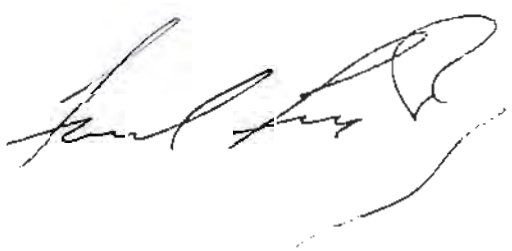
Project P. W.

Date : May 20 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37929	<.001	<.03
37930	<.001	<.03
37931	<.001	<.03
37932	<.001	<.03
37933	<.001	<.03
37934	<.001	<.03
37935	<.001	<.03
37936	<.001	<.03
37937	<.001	<.03
37938	<.001	<.03
37939	<.001	<.03
37940	<.001	<.03
37941	<.001	<.03
37942	<.001	<.03
37943	<.001	<.03
37944	<.001	<.03
37945	<.001	<.03
37946	<.001	<.03
37947	<.001	<.03
37948	<.001	<.03
37949	<.001	<.03
37950	<.001	<.03

22 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7547**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 20 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
37951		<.001	<.03
37952		<.001	<.03
37953		<.001	<.03
37954		<.001	<.03
37955		<.001	<.03
37956		<.001	<.03
37957		<.001	<.03
37958		<.001	<.03
37959		<.001	<.03
37960		<.001	<.03
37961		<.001	<.03
37962		<.001	<.03
37963		<.001	<.03
37964		<.001	<.03
37965		<.001	<.03
37966		<.001	<.03
37967		<.001	<.03
37968		<.001	<.03
37969		<.001	<.03
37970		<.001	<.03
37971		<.001	<.03

21 Splits

Certified Assayer

PolyMet Laboratories

Au Assay
CERTIFICATE **7548**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

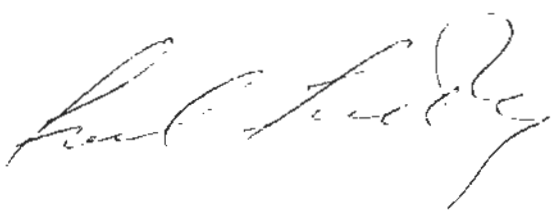
Project P. W.

Date : May 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
37972	<.001	<.03
37973	<.001	<.03
37974	<.001	<.03
37975	<.001	<.03
37976	<.001	<.03
37977	0.078	2.674
37978	<.001	<.03
37979	<.001	<.03
37980	<.001	<.03
37981	<.001	<.03
37982	<.001	<.03
37983	<.001	<.03
37984	<.001	<.03
37985	<.001	<.03
37986	<.001	<.03
37987	<.001	<.03
37988	<.001	<.03
37989	<.001	<.03
37990	<.001	<.03
37991	<.001	<.03
37992	<.001	<.03
37993	0.014	0.480

22 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7549**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
37994		<.001	<.03
37995		<.001	<.03
37996		<.001	<.03
37997		<.001	<.03
37998		<.001	<.03
37999		0.008	0.274
38000		0.014	0.480
69001		<.001	<.03
69002		<.001	<.03
69003		<.001	<.03
69004		<.001	<.03
69005		<.001	<.03
69006		<.001	<.03
69007		<.001	<.03
69008		<.001	<.03
69009		<.001	<.03
69010		<.001	<.03
69011		<.001	<.03
69012		<.001	<.03
69013		<.001	<.03
69014		<.001	<.03
69015		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7550**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69016	<.001	<.03
69017	<.001	<.03
69018	<.001	<.03
69019	<.001	<.03
69020	<.001	<.03
69021	0.004	0.137
69022	<.001	<.03
69023	<.001	<.03
69024	<.001	<.03
69025	0.076	2.606
69026	<.001	<.03
69027	<.001	<.03
69028	<.001	<.03
69029	<.001	<.03
69030	<.001	<.03
69031	<.001	<.03
69032	<.001	<.03
69033	<.001	<.03
69034	<.001	<.03
69035	<.001	<.03
69036	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7551**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69037		<.001	<.03
69038		<.001	<.03
69039		<.001	<.03
69040		<.001	<.03
69041		0.076	2.606
69042		<.001	<.03
69043		<.001	<.03
69044		<.001	<.03
69045		<.001	<.03
69046		<.001	<.03
69047		<.001	<.03
69048		<.001	<.03
69049		<.001	<.03
69050		<.001	<.03
69051		<.001	<.03
69052		<.001	<.03
69053		<.001	<.03
69054		<.001	<.03
69055		<.001	<.03
69056		<.001	<.03
69057		<.001	<.03
69058		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7552**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69059	<.001	<.03
69060	<.001	<.03
69061	<.001	<.03
69062	<.001	<.03
69063	<.001	<.03
69064	<.001	<.03
69065	<.001	<.03
69066	<.001	<.03
69067	<.001	<.03
69068	<.001	<.03
69069	<.001	<.03
69070	0.078	2.674
69071	<.001	<.03
69072	<.001	<.03
69073	<.001	<.03
69074	<.001	<.03
69075	<.001	<.03
69076	<.001	<.03
69077	<.001	<.03
69078	<.001	<.03
69079	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7553**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
69080		<.001	<.03
69081		<.001	<.03
69082		<.001	<.03
69083		<.001	<.03
69084		<.001	<.03
69085		<.001	<.03
69086		<.001	<.03
69087		<.001	<.03
69088		<.001	<.03
69089		<.001	<.03
69090		<.001	<.03
69091		<.001	<.03
69092		<.001	<.03
69093		<.001	<.03
69094		<.001	<.03
69095		<.001	<.03
69096		<.001	<.03
69097		<.001	<.03
69098		<.001	<.03
69099		<.001	<.03
69100		<.001	<.03
69101		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7554**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69102	<.001	<.03
69103	<.001	<.03
69104	<.001	<.03
69105	<.001	<.03
69106	<.001	<.03
69107	<.001	<.03
69108	<.001	<.03
69109	<.001	<.03
69110	<.001	<.03
69111	<.001	<.03
69112	<.001	<.03
69113	<.001	<.03
69114	<.001	<.03
69115	0.010	0.343
69116	<.001	<.03
69117	<.001	<.03
69118	<.001	<.03
69119	<.001	<.03
69120	<.001	<.03
69121	<.001	<.03
69122	<.001	<.03
69123	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7555**

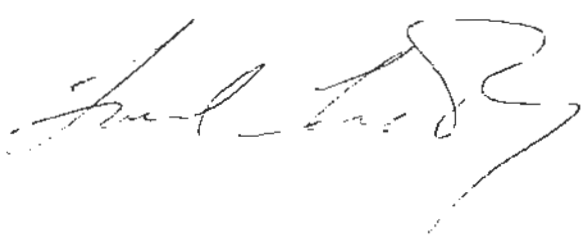
Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : May 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69124		<.001	<.03
69125		<.001	<.03
69126		<.001	<.03
69127		<.001	<.03
69128		<.001	<.03
69129		<.001	<.03
69130		<.001	<.03
69131		0.078	2.674
69132		<.001	<.03
69133		<.001	<.03
69134		<.001	<.03
69135		<.001	<.03
69136		<.001	<.03
69137		<.001	<.03
69138		<.001	<.03
69139		<.001	<.03
69140		<.001	<.03
69141		<.001	<.03
69142		<.001	<.03
69143		<.001	<.03
69144		<.001	<.03

21 Splits

Certified Assayer: 

PolyMet Laboratories

Au Assay
CERTIFICATE **7556**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

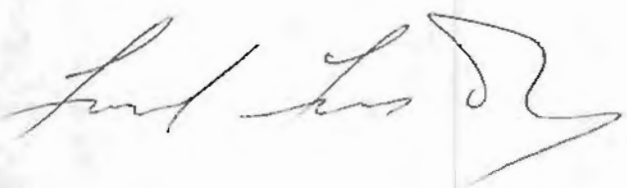
Project P. W.

Date : May 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69145	<.001	<.03
69146	<.001	<.03
69147	<.001	<.03
69148	<.001	<.03
69149	<.001	<.03
69150	<.001	<.03
69151	<.001	<.03
69152	<.001	<.03
69153	<.001	<.03
69154	<.001	<.03
69155	<.001	<.03
69156	<.001	<.03
69157	<.001	<.03
69158	<.001	<.03
69159	<.001	<.03
69160	<.001	<.03
69161	<.001	<.03
69162	<.001	<.03
69163	<.001	<.03
69164	<.001	<.03
69165	<.001	<.03
69166	<.001	<.03

22 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7557**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69167		<.001	<.03
69168		<.001	<.03
69169		<.001	<.03
69170		<.001	<.03
69171		<.001	<.03
69172		<.001	<.03
69173		<.001	<.03
69174		<.001	<.03
69175		<.001	<.03
69176		<.001	<.03
69177		<.001	<.03
69178		<.001	<.03
69179		<.001	<.03
69180		0.078	2.674
69181		<.001	<.03
69182		<.001	<.03
69183		<.001	<.03

17 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7575, 7576, 7577, 7578, 7579 & 7580

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: May 27, 2010

Disclaimer The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7575**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69184		<.001	<.03
69185		<.001	<.03
69186		<.001	<.03
69187		<.001	<.03
69188		<.001	<.03
69189		<.001	<.03
69190		<.001	<.03
69191		<.001	<.03
69192		<.001	<.03
69193		<.001	<.03
69194		<.001	<.03
69195		<.001	<.03
69196		<.001	<.03
69197		<.001	<.03
69198		0.078	2.674
69199		<.001	<.03
69200		<.001	<.03
69201		<.001	<.03
69202		<.001	<.03
69203		<.001	<.03

20 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7576**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69204		<.001	<.03
69205		<.001	<.03
69206		<.001	<.03
69207		<.001	<.03
69208		<.001	<.03
69209		<.001	<.03
69210		<.001	<.03
69211		<.001	<.03
69212		<.001	<.03
69213		<.001	<.03
69214		<.001	<.03
69215		<.001	<.03
69216		<.001	<.03
69217		<.001	<.03
69218		<.001	<.03
69219		<.001	<.03
69220		<.001	<.03
69221		<.001	<.03
69222		<.001	<.03
69223		<.001	<.03
69224		0.076	2.606
69225		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7577**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69226	<.001	<.03
69227	<.001	<.03
69228	<.001	<.03
69229	<.001	<.03
69230	<.001	<.03
69231	<.001	<.03
69232	<.001	<.03
69233	<.001	<.03
69234	<.001	<.03
69235	<.001	<.03
69236	<.001	<.03
69237	<.001	<.03
69238	<.001	<.03
69239	<.001	<.03
69240	<.001	<.03
69241	<.001	<.03
69242	<.001	<.03
69243	<.001	<.03
69244	<.001	<.03
69245	<.001	<.03
69246	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7578**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69247		<.001	<.03
69248		<.001	<.03
69249		<.001	<.03
69250		<.001	<.03
69251		<.001	<.03
69252		<.001	<.03
69253		<.001	<.03
69254		<.001	<.03
69255		<.001	<.03
69256		<.001	<.03
69257		<.001	<.03
69258		<.001	<.03
69259		<.001	<.03
69260		<.001	<.03
69261		<.001	<.03
69262		<.001	<.03
69263		<.001	<.03
69264		<.001	<.03
69265		<.001	<.03
69266		<.001	<.03
69267		<.001	<.03
69268		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7579**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69269	<.001	<.03
69270	<.001	<.03
69271	<.001	<.03
69272	<.001	<.03
69273	<.001	<.03
69274	<.001	<.03
69275	<.001	<.03
69276	<.001	<.03
69277	<.001	<.03
69278	<.001	<.03
69279	<.001	<.03
69280	<.001	<.03
69350	<.001	<.03
69281	<.001	<.03
69282	<.001	<.03
69283	<.001	<.03
69284	<.001	<.03
69285	0.006	0.206
69286	<.001	<.03
69287	<.001	<.03
69288	<.001	<.03
69289	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7580**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : May 27 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69290		<.001	<.03
69291		<.001	<.03
69292		<.001	<.03
69293		<.001	<.03
69294		<.001	<.03
69295		<.001	<.03
69296		<.001	<.03
69297		<.001	<.03
69298		<.001	<.03
69299		0.078	2.674
69300		<.001	<.03
69301		<.001	<.03
69302		<.001	<.03
69303		<.001	<.03
69304		<.001	<.03
69305		<.001	<.03

16 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7617, 7618, 7619 & 7620 – P.W.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 2, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7617**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 2 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69306		<.001	<.03
69307		<.001	<.03
69308		<.001	<.03
69309		<.001	<.03
69310		<.001	<.03
69311		<.001	<.03
69312		<.001	<.03
69313		<.001	<.03
69314		<.001	<.03
69315		<.001	<.03
69316		<.001	<.03
69317		<.001	<.03
69318		<.001	<.03
69319		<.001	<.03
69320		<.001	<.03
69321		<.001	<.03
69322		<.001	<.03
69323		<.001	<.03
69324		<.001	<.03
69325		<.001	<.03
69326		<.001	<.03
69327		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7618**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 2 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69328	<.001	<.03
69329	<.001	<.03
69330	<.001	<.03
69331	<.001	<.03
69332	<.001	<.03
69333	<.001	<.03
69334	<.001	<.03
69335	<.001	<.03
69336	<.001	<.03
69337	<.001	<.03
69338	<.001	<.03
69339	<.001	<.03
69340	<.001	<.03
69341	<.001	<.03
69342	<.001	<.03
69343	<.001	<.03
69344	<.001	<.03
69345	<.001	<.03
69346	<.001	<.03
69347	<.001	<.03
69348	0.076	2.606
69349	<.001	<.03

22 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7619**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 2 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69351		<.001	<.03
69352		<.001	<.03
69353		<.001	<.03
69354		<.001	<.03
69355		<.001	<.03
69356		<.001	<.03
69357		<.001	<.03
69358		<.001	<.03
69359		<.001	<.03
69360		<.001	<.03
69361		<.001	<.03
69362		<.001	<.03
69363		<.001	<.03
69364		<.001	<.03
69365		<.001	<.03
69366		<.001	<.03
69367		<.001	<.03
69368		<.001	<.03
69369		<.001	<.03
69370		<.001	<.03
69371		<.001	<.03
69372		0.004	0.137

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7620**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 2 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69373	<.001	<.03
69374	<.001	<.03
69375	<.001	<.03
69376	<.001	<.03
69377	<.001	<.03
69378	0.074	2.537
69379	<.001	<.03
69380	<.001	<.03
69381	<.001	<.03
69382	<.001	<.03
69383	<.001	<.03
69384	<.001	<.03
69385	<.001	<.03
69386	<.001	<.03

14 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7646, 7647, 7648, 7649, 7650, 7651& 7652

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 8, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7647**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69387	<.001	<.03
69388	<.001	<.03
69389	<.001	<.03
69390	<.001	<.03
69391	<.001	<.03
69392	<.001	<.03
69393	<.001	<.03
69394	<.001	<.03
69395	<.001	<.03
69396	<.001	<.03
69397	<.001	<.03
69398	<.001	<.03
69399	<.001	<.03
69400	<.001	<.03
69401	<.001	<.03
69402	<.001	<.03
69403	<.001	<.03
69404	<.001	<.03
69405	<.001	<.03
69406	<.001	<.03
69407	<.001	<.03
69408	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7648**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69409		<.001	<.03
69410		<.001	<.03
69411		<.001	<.03
69412		<.001	<.03
69413		<.001	<.03
69414		<.001	<.03
69415		<.001	<.03
69416		<.001	<.03
69417		<.001	<.03
69418		<.001	<.03
69419		<.001	<.03
69420		<.001	<.03
69421		<.001	<.03
69422		0.074	2.537
69423		<.001	<.03
69424		<.001	<.03
69425		<.001	<.03
69426		<.001	<.03
69427		<.001	<.03
69428		<.001	<.03
69429		<.001	<.03
69430		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7649**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69431	<.001	<.03
69432	<.001	<.03
69433	<.001	<.03
69434	<.001	<.03
69435	<.001	<.03
69436	<.001	<.03
69437	<.001	<.03
69438	<.001	<.03
69439	<.001	<.03
69440	<.001	<.03
69441	<.001	<.03
69442	<.001	<.03
69443	<.001	<.03
69444	<.001	<.03
69445	<.001	<.03
69446	<.001	<.03
69447	<.001	<.03
69448	<.001	<.03
69449	<.001	<.03
69450	<.001	<.03
69451	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7650**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69452		<.001	<.03
69453		<.001	<.03
69454		<.001	<.03
69455		<.001	<.03
69456		<.001	<.03
69457		<.001	<.03
69458		<.001	<.03
69459		<.001	<.03
69460		<.001	<.03
69461		<.001	<.03
69462		<.001	<.03
69463		<.001	<.03
69464		<.001	<.03
69465		<.001	<.03
69466		<.001	<.03
69467		<.001	<.03
69468		<.001	<.03
69469		<.001	<.03
69470		<.001	<.03
69471		<.001	<.03
69472		<.001	<.03
69473		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7651**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69474	<.001	<.03
69475	<.001	<.03
69476	<.001	<.03
69477	0.074	2.537
69478	<.001	<.03
69479	<.001	<.03
69480	<.001	<.03
69481	<.001	<.03
69482	<.001	<.03
69483	<.001	<.03
69484	<.001	<.03
69485	<.001	<.03
69486	<.001	<.03
69487	<.001	<.03
69488	<.001	<.03
69489	0.020	0.686
69490	<.001	<.03
69491	<.001	<.03
69492	<.001	<.03
69493	<.001	<.03
69494	<.001	<.03
69495	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7652**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69496		<.001	<.03
69497		<.001	<.03
69498		<.001	<.03
69499		<.001	<.03
69500		<.001	<.03
69501		<.001	<.03
69502		<.001	<.03
69503		<.001	<.03
69504		<.001	<.03
69505		<.001	<.03
69506		<.001	<.03
69507		<.001	<.03
69508		<.001	<.03
69509		<.001	<.03
69510		<.001	<.03
69511		<.001	<.03
69512		<.001	<.03
69513		<.001	<.03
69514		<.001	<.03
69515		<.001	<.03
69516		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7653, 7654, 7655, 7656 & 7657

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 8, 2010

Disclaimer. The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7653**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69517	<.001	<.03
69518	<.001	<.03
69519	<.001	<.03
69520	<.001	<.03
69521	<.001	<.03
69522	<.001	<.03
69523	<.001	<.03
69524	<.001	<.03
69525	<.001	<.03
69526	<.001	<.03
69527	<.001	<.03
69528	<.001	<.03
69529	Pend	
69530	<.001	<.03
69531	0.076	2.606
69532	<.001	<.03
69533	0.020	0.686
69534	0.002	0.069
69535	<.001	<.03
69536	<.001	<.03
69537	<.001	<.03
69538	<.001	<.03

21 Splits
1 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7654**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
69539		<.001	<.03
69540		<.001	<.03
69541		<.001	<.03
69542		<.001	<.03
69543		<.001	<.03
69544		<.001	<.03
69545		<.001	<.03
69546		<.001	<.03
69547		<.001	<.03
69548		<.001	<.03
69549		<.001	<.03
69550		<.001	<.03
69551		<.001	<.03
69552		0.002	0.069
69553		<.001	<.03
69554		<.001	<.03
69555		<.001	<.03
69556		<.001	<.03
69557		<.001	<.03
69558		<.001	<.03
69559		<.001	<.03
69560		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7655**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69561	<.001	<.03
69562	<.001	<.03
69563	<.001	<.03
69564	<.001	<.03
69565	<.001	<.03
69566	<.001	<.03
69567	<.001	<.03
69568	<.001	<.03
69569	<.001	<.03
69570	<.001	<.03
69571	<.001	<.03
69572	<.001	<.03
69573	<.001	<.03
69574	<.001	<.03
69575	0.002	0.069
69576	<.001	<.03
69577	<.001	<.03
69578	<.001	<.03
69579	<.001	<.03
69580	<.001	<.03
69581	<.001	<.03
69582	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7656**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 8 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
69583		0.004	0.137
69584		<.001	<.03
69585		<.001	<.03
69586		<.001	<.03
69587		<.001	<.03
69588		<.001	<.03
69589		<.001	<.03
69590		<.001	<.03
69591		<.001	<.03
69592		<.001	<.03
69593		<.001	<.03
69594		<.001	<.03
69595		<.001	<.03
69596		<.001	<.03
69597		<.001	<.03
69598		<.001	<.03
69599		<.001	<.03
69600		0.076	2.606
69601		<.001	<.03
69602		<.001	<.03
69603		<.001	<.03
69604		<.001	<.03
69605		<.001	<.03
69606		<.001	<.03
69607		0.008	0.274
69608		<.001	<.03
69609		<.001	<.03
69610		<.001	<.03
69611		<.001	<.03

29 Splits

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **# 7657**

Client: Queenston
Job No. 0-136

Date:
June 8 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
69529	0.036	1.234	0.042	1.440

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7680, 7681, 7682, 7683 & 7684

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 15, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7680**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 15 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69612		<.001	<.03
69613		<.001	<.03
69614		<.001	<.03
69615		0.008	0.274
69616		0.004	0.137
69617		0.002	0.069
69618		0.006	0.206
69619		0.008	0.274
69620		<.001	<.03
69621		0.010	0.343
69622		<.001	<.03
69623		<.001	<.03
69624		<.001	<.03
69625		<.001	<.03
69626		0.002	0.069
69627		<.001	<.03
69628		<.001	<.03
69629		<.001	<.03
69630		<.001	<.03
69631		<.001	<.03
69632		<.001	<.03
69633		<.001	<.03
69634		0.072	2.469
69635		<.001	<.03
69636		<.001	<.03
69637		<.001	<.03
69638		<.001	<.03
69639		<.001	<.03

28 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7681**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 15 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69640	<.001	<.03
69641	<.001	<.03
69642	<.001	<.03
69643	<.001	<.03
69644	<.001	<.03
69645	<.001	<.03
69646	<.001	<.03
69647	<.001	<.03
69648	<.001	<.03
69649	<.001	<.03
69650	<.001	<.03
69651	<.001	<.03
69652	<.001	<.03
69653	<.001	<.03
69654	<.001	<.03
69655	<.001	<.03
69656	<.001	<.03
69657	<.001	<.03
69658	<.001	<.03
69659	<.001	<.03
69660	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7682**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 15 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69661		<.001	<.03
69662		<.001	<.03
69663		<.001	<.03
69664		<.001	<.03
69665		<.001	<.03
69666		<.001	<.03
69667		<.001	<.03
69668		<.001	<.03
69669		<.001	<.03
69670		<.001	<.03
69671		<.001	<.03
69672		<.001	<.03
69673		<.001	<.03
69674		<.001	<.03
69675		<.001	<.03
69676		<.001	<.03
69677		<.001	<.03
69678		<.001	<.03
69679		<.001	<.03
69680		0.002	0.069
69681		<.001	<.03
69682		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7683**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 15 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69683		<.001	<.03
69684		<.001	<.03
69685		<.001	<.03
69686		<.001	<.03
69687		<.001	<.03
69688		<.001	<.03
69689		<.001	<.03
69690		<.001	<.03
69691		<.001	<.03
69692		<.001	<.03
69693		<.001	<.03
69694		<.001	<.03
69695		<.001	<.03
69696		<.001	<.03
69697		<.001	<.03
69698		<.001	<.03
69699		<.001	<.03
69700		0.076	2.606
69701		<.001	<.03
69702		<.001	<.03
69703		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7684**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 15 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69704	<.001	<.03
69705	<.001	<.03
69706	<.001	<.03
69707	<.001	<.03
69708	<.001	<.03
69709	<.001	<.03
69710	<.001	<.03
69711	<.001	<.03
69712	<.001	<.03
69713	<.001	<.03
69714	<.001	<.03
69715	<.001	<.03
69716	<.001	<.03
69717	<.001	<.03
69718	<.001	<.03
69719	<.001	<.03
69720	<.001	<.03
69721	<.001	<.03
69722	<.001	<.03
69723	<.001	<.03
69724	<.001	<.03
69725	<.001	<.03
69726	<.001	<.03
69727	<.001	<.03
69728	0.072	2.469
69729	<.001	<.03
69730	<.001	<.03
69731	<.001	<.03

28 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Project P.W.
Certificate #'s 7716, 7717, 7718, 7719, 7720, 7721 & 7722

Certified by: _____
Assistant Assayer

Certified by: _____
President/Manager

Date: June 22, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7716**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
69732		<.001	<.03
69733		<.001	<.03
69734		<.001	<.03
69735		<.001	<.03
69736		<.001	<.03
69737		<.001	<.03
69738		<.001	<.03
69739		<.001	<.03
69740		<.001	<.03
69741		<.001	<.03
69742		<.001	<.03
69743		<.001	<.03
69744		<.001	<.03
69745		<.001	<.03
69746		<.001	<.03
69747		<.001	<.03
69748		<.001	<.03
69749		<.001	<.03
69750		0.076	2.606
69751		<.001	<.03
69752		<.001	<.03
69753		<.001	<.03
69754		<.001	<.03
69755		<.001	<.03
69756		<.001	<.03
69757		<.001	<.03
69758		<.001	<.03

27 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7717**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : June 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69759		<.001	<.03
69760		<.001	<.03
69761		<.001	<.03
69762		<.001	<.03
69763		<.001	<.03
69764		<.001	<.03
69765		<.001	<.03
69766		<.001	<.03
69767		<.001	<.03
69768		<.001	<.03
69769		<.001	<.03
69770		<.001	<.03
69771		<.001	<.03
69772		<.001	<.03
69773		<.001	<.03
69774		<.001	<.03
69775		<.001	<.03
69776		<.001	<.03
69777		<.001	<.03
69778		<.001	<.03
69779		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7718**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 22 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69780	<.001	<.03
69781	<.001	<.03
69782	<.001	<.03
69783	<.001	<.03
69784	<.001	<.03
69785	<.001	<.03
69786	<.001	<.03
69787	<.001	<.03
69788	<.001	<.03
69789	<.001	<.03
69790	<.001	<.03
69791	<.001	<.03
69792	<.001	<.03
69793	<.001	<.03
69794	<.001	<.03
69795	<.001	<.03
69796	<.001	<.03
69797	<.001	<.03
69798	0.004	0.137
69799	<.001	<.03
69800	0.078	2.674
69801	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7719**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
69802		<.001	<.03
69803		<.001	<.03
69804		<.001	<.03
69805		<.001	<.03
69806		Pend	
69807		<.001	<.03
69808		<.001	<.03
69809		<.001	<.03
69810		<.001	<.03
69811		<.001	<.03
69812		Pend	
69813		Pend	
69814		0.006	0.206
69815		0.020	0.686
69816		0.010	0.343
69817		0.006	0.206
69818		<.001	<.03
69819		<.001	<.03
69820		<.001	<.03
69821		Pend	
69822		Pend	
69823		<.001	<.03

17 Splits
5 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7720**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : June 22 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69824	<.001	<.03
69825	<.001	<.03
69826	<.001	<.03
69827	<.001	<.03
69828	0.008	0.274
69829	Pend	
69830	Pend	
69831	<.001	<.03
69832	0.022	0.754
69833	Pend	
69834	Pend	
69835	<.001	<.03
69836	<.001	<.03
69837	0.002	0.069
69838	<.001	<.03
69839	<.001	<.03
69840	0.004	0.137
69841	0.002	0.069
69842	0.008	0.274
69843	0.012	0.411
69844	<.001	<.03

17 Splits
4 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7721**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.178	6.103
69845		<.001	<.03
69846		<.001	<.03
69847		<.001	<.03
69848		<.001	<.03
69849		<.001	<.03
69850		0.074	2.537
69851		0.006	0.206
69852		Pend	
69853		Pend	
69854		<.001	<.03
69855		<.001	<.03
69856		<.001	<.03
69857		<.001	<.03
69858		0.004	0.137
69859		<.001	<.03
69860		Pend	
69861		Pend	
69862		Pend	
69863		<.001	<.03
69864		<.001	<.03

15 Splits
5 Pend

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston
CERTIFICATE	**# 7722**	Job No.	0-136

Date:
June 22 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
69806	0.354	12.137	0.388	13.303
69812	0.034	1.166	0.034	1.166
69813	0.210	7.200	0.264	9.052
69821	0.076	2.606	0.068	2.331
69822	0.032	1.097	0.034	1.166
69829	0.048	1.646	0.046	1.577
69830	0.076	2.606	0.076	2.606
69833	0.042	1.440	0.034	1.166
69834	0.092	3.154	0.074	2.537
69852	0.052	1.783	0.044	1.509
69853	0.114	3.909	0.118	4.046
69860	0.070	2.400	0.070	2.400
69861	0.068	2.331	0.084	2.880
69862	0.290	9.943	0.300	10.286

14 + 28

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7761, 7762 & 7763

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 29, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7761**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 29 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.170	5.829
69865		<.001	<.03
69866		Pend	
69867		<.001	<.03
69868		<.001	<.03
69869		<.001	<.03
69870		<.001	<.03
69871		<.001	<.03
69872		<.001	<.03
69873		0.018	0.617
69874		<.001	<.03
69875		0.077	2.640
69876		<.001	<.03
69877		<.001	<.03
69878		<.001	<.03
69879		<.001	<.03
69880		<.001	<.03
69881		<.001	<.03
69882		<.001	<.03
69883		0.002	0.069

18 Splits
1 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7762**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : June 29 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
69884	<.001	<.03
69885	<.001	<.03
69886	<.001	<.03
69887	<.001	<.03
69888	<.001	<.03
69889	<.001	<.03
69890	<.001	<.03
69891	<.001	<.03
69892	<.001	<.03
69893	<.001	<.03
69894	<.001	<.03
69895	<.001	<.03
69896	<.001	<.03
69897	0.004	0.137
69898	<.001	<.03

15 Splits

Certified Assayer:

PolyMet Laboratories

Client: Queenston

CERTIFICATE **# 7763**

Job No. 0-136

Date:
June 29 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
69866	0.472	16.183	0.358	12.274

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7806, 7824, 7825, 7826 & 7827

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 12, 2010

Disclaimer The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7806**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : July 7 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69899		<.001	<.03
69900		<.001	<.03
69901		<.001	<.03
69902		<.001	<.03
69903		<.001	<.03

5 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7824**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

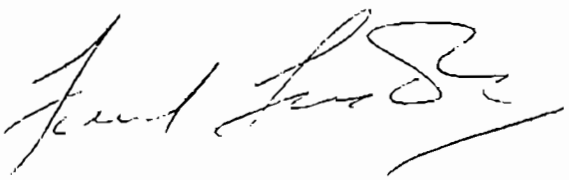
Project PW

Date : July 12 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69904		<.001	<.03
69905		<.001	<.03
69906		<.001	<.03
69907		<.001	<.03
69908		<.001	<.03
69909		<.001	<.03
69910		<.001	<.03
69911		<.001	<.03
69912		<.001	<.03
69913		<.001	<.03
69914		<.001	<.03
69915		<.001	<.03
69916		<.001	<.03
69917		<.001	<.03
69918		<.001	<.03
69919		<.001	<.03
69920		<.001	<.03
69921		<.001	<.03
69922		<.001	<.03
69923		<.001	<.03
69924		<.001	<.03
69925		<.001	<.03

22 Splits
0 Pend

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **7825**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : July 12 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69926		<.001	<.03
69927		<.001	<.03
69928		<.001	<.03
69929		<.001	<.03
69930		<.001	<.03
69931		<.001	<.03
69932		<.001	<.03
69933		<.001	<.03
69934		<.001	<.03
69935		<.001	<.03
69936		0.078	2.674
69937		<.001	<.03
69938		<.001	<.03
69939		<.001	<.03
69940		<.001	<.03
69941		<.001	<.03
69942		<.001	<.03
69943		<.001	<.03
69944		<.001	<.03
69945		<.001	<.03
69946		<.001	<.03
69947		<.001	<.03

22 Splits
0 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7826**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : July 12 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
69948		<.001	<.03
69949		<.001	<.03
69950		<.001	<.03
69951		<.001	<.03
69952		<.001	<.03
69953		<.001	<.03
69954		<.001	<.03
69955		<.001	<.03
69956		<.001	<.03
69957		<.001	<.03
69958		<.001	<.03
69959		<.001	<.03
69960		<.001	<.03
69961		<.001	<.03
69962		<.001	<.03
69963		<.001	<.03
69964		<.001	<.03
69965		<.001	<.03
69966		<.001	<.03
69967		<.001	<.03
69968		<.001	<.03
		<.001	<.03

21 Splits
0 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7827**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : July 12 2010

Sample #		Au oz/ton	Au g/tonne
OxL-63	Std	0.176	6.034
69969		<.001	<.03
69970		<.001	<.03
69971		<.001	<.03
69972		<.001	<.03
69973		<.001	<.03
69974		<.001	<.03
69975		<.001	<.03
69976		<.001	<.03
69977		<.001	<.03
69978		0.020	0.686
69979		<.001	<.03
69980		<.001	<.03
69981		<.001	<.03
69982		<.001	<.03
69983		<.001	<.03
69984		<.001	<.03
69985		<.001	<.03
69986		<.001	<.03
69987		<.001	<.03
69988		<.001	<.03
69989		<.001	<.03
69990		<.001	<.03

22 Splits
0 Pend

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7828, 7829, 7830, 7831, 7832, 7833 & 7834

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 13, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7828**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P W.

Date : July 12 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
69991		<.001	<.03
69992		<.001	<.03
69993		0.054	1.851
69994		<.001	<.03
69995		<.001	<.03
69996		<.001	<.03
69997		<.001	<.03
69998		<.001	<.03
69999		<.001	<.03
70000		<.001	<.03
77029		<.001	<.03
77030		<.001	<.03
77031		<.001	<.03
77032		<.001	<.03
77033		<.001	<.03
77034		<.001	<.03
77035		<.001	<.03
77036		<.001	<.03
77037		<.001	<.03
77038		<.001	<.03
77039		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7829**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 12 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77040	<.001	<.03
77041	<.001	<.03
77042	<.001	<.03
77043	<.001	<.03
77044	<.001	<.03
77045	<.001	<.03
77046	<.001	<.03
77047	<.001	<.03
77048	<.001	<.03
77049	<.001	<.03
77050	0.074	2.537
77051	<.001	<.03
77052	<.001	<.03
77053	<.001	<.03
77054	<.001	<.03
77055	0.004	0.137
77056	<.001	<.03
77057	0.020	0.686
77058	0.026	0.891
77059	0.012	0.411
77060	0.012	0.411
77061	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7830**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 13 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77062		0.020	0.686
77063		Pend	
77064		<.001	<.03
77065		<.001	<.03
77066		<.001	<.03
77067		<.001	<.03
77068		<.001	<.03
77069		<.001	<.03
77070		<.001	<.03
77071		<.001	<.03
77072		<.001	<.03
77073		0.006	0.206
77074		0.008	0.274
77075		0.010	0.343
77076		0.010	0.343
77077		0.002	0.069
77078		0.022	0.754
77079		0.006	0.206
77080		<.001	<.03
77081		0.004	0.137
77082		Pend	
77083		0.004	0.137

20 Splits
2 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7831**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 13 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77084	0.024	0.823
77085	Pend	
77086	Pend	
77087	<.001	<.03
77088	0.077	2.640
77089	<.001	<.03
77090	<.001	<.03
77091	<.001	<.03
77092	<.001	<.03
77093	<.001	<.03
77094	<.001	<.03
77095	<.001	<.03
77096	<.001	<.03
77097	<.001	<.03
77098	0.004	0.137
77099	0.014	0.480
77100	0.016	0.549
77101	<.001	<.03
77102	0.002	0.069
77103	<.001	<.03
77104	<.001	<.03

19 Splits
2 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7832**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 13 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
77105		<.001	<.03
77106		<.001	<.03
77107		<.001	<.03
77108		<.001	<.03
77109		<.001	<.03
77110		<.001	<.03
77111		<.001	<.03
77112		<.001	<.03
77113		<.001	<.03
77114		<.001	<.03
77115		<.001	<.03
77116		<.001	<.03
77117		<.001	<.03
77118		<.001	<.03
77119		<.001	<.03
77120		<.001	<.03
77121		<.001	<.03
77122		<.001	<.03
77123		<.001	<.03
77001		<.001	<.03
77002		<.001	<.03
77003		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7833**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 13 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77004	<.001	<.03
77005	<.001	<.03
77006	<.001	<.03
77007	<.001	<.03
77008	<.001	<.03
77009	<.001	<.03
77010	0.010	0.343
77011	0.002	0.069
77012	<.001	<.03
77013	<.001	<.03
77014	Pend	
77015	<.001	<.03
77016	<.001	<.03
77017	<.001	<.03
77018	<.001	<.03
77019	<.001	<.03
77020	<.001	<.03
77021	<.001	<.03
77022	<.001	<.03
77023	<.001	<.03
77024	<.001	<.03
77025	<.001	<.03
77026	<.001	<.03
77027	<.001	<.03
77028	<.001	<.03

24 Splits
1 Pend

Certified Assayer:

PolyMet Laboratories

Client: Queenston

CERTIFICATE **7834** Job No. 0-136

Date: July 13 / 10

	Original		Reject	Check	P W.
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**	
77063	0.034	1.166	0.030	1.029	
77082	0.042	1.440	0.044	1.509	
77085	0.134	4.594	0.116	3.977	
77086	0.044	1.509	0.040	1.371	
77014	0.050	1.714	0.048	1.646	

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7848 & 7849 Project P.W.

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: June 14, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7848**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77124		<.001	<.03
77125		<.001	<.03
77126		<.001	<.03
77127		<.001	<.03
77128		<.001	<.03
77129		<.001	<.03
77130		<.001	<.03
77131		<.001	<.03
77132		<.001	<.03
77133		<.001	<.03
77134		<.001	<.03
77135		<.001	<.03
77136		<.001	<.03
77137		<.001	<.03
77138		<.001	<.03
77139		<.001	<.03
77140		<.001	<.03
77141		0.073	2.503
77142		<.001	<.03
77143		<.001	<.03
77144		<.001	<.03
77145		<.001	<.03
77146		<.001	<.03
77147		<.001	<.03
77148		<.001	<.03
77149		<.001	<.03
77150		<.001	<.03
77151		<.001	<.03
77152		<.001	<.03
77153		<.001	<.03
77154		<.001	<.03
77155		<.001	<.03

32 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7849**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.170	5.829
77156		<.001	<.03
77157		<.001	<.03
77158		<.001	<.03
77159		<.001	<.03
77160		<.001	<.03
77161		<.001	<.03
77162		<.001	<.03
77163		<.001	<.03
77164		<.001	<.03
77165		<.001	<.03
77166		<.001	<.03
77167		<.001	<.03
77168		<.001	<.03
77169		<.001	<.03
77170		<.001	<.03
77171		0.076	2.606
77172		<.001	<.03
77173		<.001	<.03
77174		<.001	<.03
77175		<.001	<.03
77176		<.001	<.03
77177		<.001	<.03
77178		<.001	<.03
77179		<.001	<.03
77180		<.001	<.03
77181		<.001	<.03
77182		<.001	<.03
77183		<.001	<.03
77184		<.001	<.03

29 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7900, 7901, 7902, 7903, 7904, 7905 & 7906

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 22, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7900**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77185		<.001	<.03
77186		<.001	<.03
77187		<.001	<.03
77188		<.001	<.03
77189		<.001	<.03
77190		<.001	<.03
77191		<.001	<.03
77192		<.001	<.03
77193		<.001	<.03
77194		<.001	<.03
77195		0.004	0.137
77196		0.010	0.343
77197		0.004	0.137
77198		0.002	0.069
77199		0.016	0.549
77200		<.001	<.03
77201		0.002	0.069
77202		<.001	<.03
77203		<.001	<.03
77204		<.001	<.03

20 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7901**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77205		<.001	<.03
77206		<.001	<.03
77207		<.001	<.03
77208		<.001	<.03
77209		<.001	<.03
77210		<.001	<.03
77211		<.001	<.03
77212		<.001	<.03
77213		0.006	0.206
77214		<.001	<.03
77215		<.001	<.03
77216		<.001	<.03
77217		<.001	<.03
77218		<.001	<.03
77219		<.001	<.03
77220		<.001	<.03
77221		<.001	<.03
77222		<.001	<.03
77223		<.001	<.03
77224		<.001	<.03
77225		<.001	<.03
77226		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7902**

Client: Queenston Mining Inc.
Job No. 0-136
Project P. W.

Splits

Date : July 22 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77227	<.001	<.03
77228	<.001	<.03
77229	<.001	<.03
77230	<.001	<.03
77231	<.001	<.03
77232	<.001	<.03
77233	<.001	<.03
77234	<.001	<.03
77235	<.001	<.03
77236	<.001	<.03
77237	<.001	<.03
77238	<.001	<.03
77239	<.001	<.03
77240	<.001	<.03
77241	0.002	0.069
77242	<.001	<.03
77243	<.001	<.03
77244	<.001	<.03
77245	<.001	<.03
77246	<.001	<.03
77247	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7903**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77248		<.001	<.03
77249		<.001	< 03
77250		0.073	2.503
77251		<.001	<.03
77252		<.001	<.03
77253		<.001	<.03
77254		<.001	<.03
77255		<.001	<.03
77256		<.001	<.03
77257		<.001	<.03
77258		<.001	<.03
77259		<.001	<.03
77260		<.001	<.03
77261		< 001	<.03
77262		<.001	<.03
77263		<.001	<.03
77264		<.001	< 03
77265		<.001	<.03
77266		<.001	<.03
77267		<.001	< 03
77268		<.001	<.03
77269		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7904**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77270	<.001	<.03
77271	<.001	<.03
77272	<.001	<.03
77273	<.001	<.03
77274	<.001	<.03
77275	<.001	<.03
77276	<.001	<.03
77277	<.001	<.03
77278	<.001	<.03
77279	<.001	<.03
77280	<.001	<.03
77281	<.001	<.03
77282	<.001	<.03
77283	<.001	<.03
77284	<.001	<.03
77285	<.001	<.03
77286	<.001	<.03
77287	<.001	<.03
77288	<.001	<.03
77289	<.001	<.03
77290	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7905**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77291		0.002	0.069
77292		<.001	<.03
77293		<.001	<.03
77294		<.001	<.03
77295		<.001	<.03
77296		<.001	<.03
77297		<.001	<.03
77298		<.001	<.03
77299		0.077	2.640
77300		<.001	<.03
77301		<.001	<.03
77302		<.001	<.03
77303		<.001	<.03
77304		<.001	<.03
77305		<.001	<.03
77306		<.001	<.03
77307		<.001	<.03
77308		<.001	<.03
77309		<.001	<.03
77310		<.001	<.03
77311		<.001	<.03
77312		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7906**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 22 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77313	<.001	<.03
77314	<.001	<.03
77315	<.001	<.03
77316	<.001	<.03
77317	<.001	<.03
77318	<.001	<.03
77319	<.001	<.03
77320	<.001	<.03
77321	<.001	<.03
77322	<.001	<.03
77323	<.001	<.03
77324	<.001	<.03
77325	<.001	<.03
77326	<.001	<.03
77327	<.001	<.03
77328	<.001	<.03
77329	<.001	<.03
77330	<.001	<.03
77331	<.001	<.03
77332	<.001	<.03
77333	<.001	<.03
77334	<.001	<.03
77335	<.001	<.03
77336	<.001	<.03
77337	<.001	<.03
77338	<.001	<.03
77339	<.001	<.03
77340	<.001	<.03

28 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7941 & 7942

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: July 29, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **7941**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 29 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.170	5.829
77341		<.001	<.03
77342		<.001	<.03
77343		0.002	0.069
77344		<.001	<.03
77345		<.001	<.03
77346		<.001	<.03
77347		<.001	<.03
77348		<.001	<.03
77349		<.001	<.03
77350		0.076	2.606
77351		<.001	<.03
77352		<.001	<.03
77353		<.001	<.03
77354		<.001	<.03
77355		<.001	<.03
77356		<.001	<.03
77357		<.001	<.03
77358		<.001	<.03
77359		<.001	<.03
77360		<.001	<.03
77361		<.001	<.03
77362		<.001	<.03
77363		<.001	<.03
77364		<.001	<.03
77365		<.001	<.03
77366		<.001	<.03
77367		<.001	<.03
77368		<.001	<.03
77369		<.001	<.03
77370		<.001	<.03

30 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7942**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : July 29 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77371	<.001	<.03
77372	<.001	<.03
77373	<.001	<.03
77374	<.001	<.03
77375	<.001	<.03
77376	<.001	<.03
77377	<.001	<.03
77378	<.001	<.03
77379	<.001	<.03
77380	<.001	<.03
77381	<.001	<.03
77382	<.001	<.03
77383	<.001	<.03
77384	<.001	<.03
77385	<.001	<.03
77386	<.001	<.03
77387	0.026	0.891
77388	<.001	<.03
77389	<.001	<.03
77390	<.001	<.03
77391	<.001	<.03
77392	<.001	<.03
77393	<.001	<.03

23 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

Project ~~p.w.~~

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 7996, 7997 & 8009

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 9, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **7996**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P.W.

Date : Aug. 6 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77394		<.001	<.03
77395		<.001	<.03
77396		<.001	<.03
77397		<.001	<.03
77398		<.001	<.03
77399		<.001	<.03
77400		0.076	2.606
77401		<.001	<.03
77402		<.001	<.03
77403		<.001	<.03
77404		<.001	<.03
77405		<.001	<.03
77406		<.001	<.03
77407		<.001	<.03
77408		<.001	<.03
77409		<.001	<.03
77410		0.002	0.069
77411		<.001	<.03
77412		<.001	<.03
77413		0.002	0.069
77414		0.006	0.206
77415		0.004	0.137
77416		0.004	0.137

23 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **7997**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P.w.

Date : Aug 6 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77417	0.010	0.343
77418	0.024	0.823
77419	0.008	0.274
77420	<.001	<.03
77421	<.001	<.03
77422	0.004	0.137
77423	<.001	<.03
77424	<.001	<.03
77425	<.001	<.03
77426	<.001	<.03
77427	0.002	0.069
77428	<.001	<.03
77429	0.012	0.411
77430	<.001	<.03
77431	<.001	<.03
77432	<.001	<.03
77433	<.001	<.03
77434	<.001	<.03

18 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project: PW

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8114 & 8115

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 20, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **8114**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 20 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77498		<.001	<.03
77499		<.001	<.03
77500		<.001	<.03
77501		<.001	<.03
77502		<.001	<.03
77503		<.001	<.03
77504		<.001	<.03
77505		<.001	<.03
77506		<.001	<.03
77507		<.001	<.03
77508		<.001	<.03
77509		<.001	<.03

12 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8115**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 20 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77510	<.001	<.03
77511	<.001	<.03
77512	<.001	<.03
77513	<.001	<.03
77514	<.001	<.03
77515	<.001	<.03
77516	<.001	<.03
77517	<.001	<.03
77518	<.001	<.03
77519	<.001	<.03
77520	<.001	<.03
77521	<.001	<.03
77522	<.001	<.03
77523	<.001	<.03
77524	<.001	<.03
77525	<.001	<.03
77526	<.001	<.03
77527	<.001	<.03
77528	<.001	<.03

22 Splits

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston mining Inc.
Project P.W.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8140, 8141, 8142 & 8143

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 25, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **8140**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

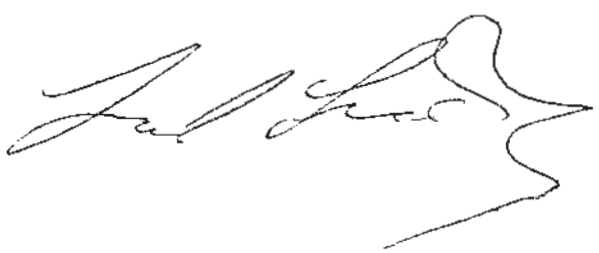
Project P. W.

Date : Aug 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL-63	Std	0.174	5.966
77529		<.001	<.03
77530		<.001	<.03
77531		<.001	<.03
77532		<.001	<.03
77533		<.001	<.03
77534		<.001	<.03
77535		<.001	<.03
77536		<.001	<.03
77537		<.001	<.03
77538		<.001	<.03
77539		<.001	<.03
77540		<.001	<.03
77541		<.001	<.03
77542		<.001	<.03
77543		<.001	<.03
77544		<.001	<.03
77545		<.001	<.03
77546		<.001	<.03
77547		<.001	<.03
77548		<.001	<.03
77549		0.076	2.606
77550		<.001	<.03

22 Splits

Certified Assayer:



PolyMet Laboratories

Au Assay
CERTIFICATE **8141**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 25 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77551		<.001	<.03
77552		<.001	<.03
77553		<.001	<.03
77554		<.001	<.03
77555		<.001	<.03
77556		<.001	<.03
77557		<.001	<.03
77558		<.001	<.03
77559		<.001	<.03
77560		<.001	<.03
77561		<.001	<.03
77562		<.001	<.03
77563		<.001	<.03
77564		<.001	<.03
77565		<.001	<.03
77566		<.001	<.03
77567		<.001	<.03
77568		<.001	<.03
77569		<.001	<.03
77570		<.001	<.03
77571		<.001	<.03
77572		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8142**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 25 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77573	<.001	<.03
77574	<.001	<.03
77575	<.001	<.03
77576	<.001	<.03
77577	<.001	<.03
77578	Pend	
77579	Pend	
77580	<.001	<.03
77581	Pend	
77582	<.001	<.03
77583	<.001	<.03
77584	<.001	<.03
77585	<.001	<.03
77586	0.002	0.069
77587	<.001	<.03
77588	Pend	
77589	0.008	0.274
77590	<.001	<.03
77591	0.002	0.069
77592	0.028	0.960
77593	<.001	<.03
77594	<.001	<.03
77595	<.001	<.03
77596	Pend	
77597	0.010	0.343
77598	<.001	<.03
77599	<.001	<.03
77600	0.076	2.606

23 Splits
5 Pend

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston
CERTIFICATE	**8143**	Job No.	0-136

Date: Aug 25 / 10	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
77578	0.142	4.869	0.140	4.800
77579	0.066	2.263	0.072	2.469
77581	0.046	1.577	0.076	2.606
77588	0.068	2.331	0.066	2.263
77596	0.032	1.097	0.046	1.577

5 + 10

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8180, 8181, 8182 & 8183

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: August 31, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **8180**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 31 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77601		<.001	<.03
77602		<.001	<.03
77603		<.001	<.03
77604		<.001	<.03
77605		<.001	<.03
77606		<.001	<.03
77607		<.001	<.03
77608		<.001	<.03
77609		<.001	<.03
77610		<.001	<.03
77611		<.001	<.03
77612		<.001	<.03
77613		<.001	<.03
77614		<.001	<.03
77615		<.001	<.03
77616		0.020	0.686
77617		Pend	
77618		0.026	0.891
77619		0.016	0.549
77620		Pend	
77621		<.001	<.03
77622		<.001	<.03
77623		<.001	<.03
77624		<.001	<.03
77625		<.001	<.03
77626		<.001	<.03
77627		<.001	<.03
77628		<.001	<.03

26 Splits
2 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8181**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 31 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77629		<.001	<.03
77630		<.001	<.03
77631		<.001	<.03
77632		<.001	<.03
77633		<.001	<.03
77634		<.001	<.03
77635		<.001	<.03
77636		<.001	<.03
77637		0.004	0.137
77638		<.001	<.03
77639		<.001	<.03
77640		<.001	<.03
77641		0.008	0.274
77642		<.001	<.03
77643		<.001	<.03
77644		<.001	<.03
77645		<.001	<.03
77646		<.001	<.03
77647		<.001	<.03
77648		<.001	<.03
77649		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8182**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Aug 31 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77650	<.001	<.03
77651	0.070	2.400
77652	<.001	<.03
77653	<.001	<.03
77654	<.001	<.03
77655	<.001	<.03
77656	<.001	<.03
77657	<.001	<.03
77658	<.001	<.03
77659	<.001	<.03

10 Splits

Certified Assayer:

PolyMet Laboratories

Client: Queenston

CERTIFICATE **8183**

Job No. 0-136

Date: Aug 31 / 10

	Original		Reject	Check	P. W.
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**	
77616	0.092	3.154	0.102	3.497	
77620	0.066	2.263	0.044	1.509	

4 + 8

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8271, 8272, 8273, 8274, & 8275

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Sept. 14, 2010

Disclaimer: The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **8271**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project P. W.

Date : Sept 13 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77726		<.001	<.03
77727		<.001	<.03
77728		<.001	<.03
77729		<.001	<.03
77730		<.001	<.03
77731		<.001	<.03
77732		<.001	<.03
77733		<.001	<.03
77734		<.001	<.03
77735		<.001	<.03
77736		<.001	<.03
77737		<.001	<.03
77738		<.001	<.03
77739		<.001	<.03
77740		<.001	<.03
77741		<.001	<.03
77742		<.001	<.03
77743		<.001	<.03
77744		<.001	<.03
77745		<.001	<.03
77746		<.001	<.03
77747		<.001	<.03
77748		<.001	<.03
77749		<.001	<.03
77750		0.076	2.606

25 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8272**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77660		<.001	<.03
77661		Pend	
77662		0.006	0.206
77663		0.010	0.343
77664		<.001	<.03
77665		<.001	<.03
77666		<.001	<.03
77667		<.001	<.03
77668		<.001	<.03
77669		<.001	<.03
77670		<.001	<.03
77671		<.001	<.03
77672		<.001	<.03
77673		<.001	<.03
77674		<.001	<.03
77675		<.001	<.03
77676		<.001	<.03
77677		0.012	0.411
77678		<.001	<.03
77679		<.001	<.03
77680		<.001	<.03
77681		<.001	<.03
77682		<.001	<.03

22 Splits
1 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8273**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 14 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77683		<.001	<.03
77684		<.001	<.03
77685		<.001	<.03
77686		<.001	<.03
77687		<.001	<.03
77688		<.001	<.03
77689		<.001	<.03
77690		<.001	<.03
77691		<.001	<.03
77692		<.001	<.03
77693		<.001	<.03
77694		<.001	<.03
77695		<.001	<.03
77696		<.001	<.03
77697		<.001	<.03
77698		<.001	<.03
77699		0.075	2.571
77700		<.001	<.03
77701		<.001	<.03
77702		<.001	<.03
77703		<.001	<.03
77704		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8274**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project

Date : Sept 14 / 2010

Sample #	Au oz/ton	Au g/tonne
Blank	<.001	<.03
77705	<.001	<.03
77706	<.001	<.03
77707	<.001	<.03
77708	<.001	<.03
77709	<.001	<.03
77710	<.001	<.03
77711	<.001	<.03
77712	<.001	<.03
77713	<.001	<.03
77714	<.001	<.03
77715	<.001	<.03
77716	<.001	<.03
77717	<.001	<.03
77718	<.001	<.03
77719	<.001	<.03
77720	<.001	<.03
77721	<.001	<.03
77722	<.001	<.03
77723	<.001	<.03
77724	<.001	<.03
77725	<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

		Client:	Queenston
CERTIFICATE	**8275**	Job No.	0-136

Date:
Sept 14 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
77661	0.172	5.897	0.178	6.103

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.
Project PW

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8353, 8354, 8355, 8356 & 8357

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: September 21, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **8353**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 21 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
77751		<.001	<.03
77752		<.001	<.03
77753		<.001	<.03
77754		<.001	<.03
77755		<.001	<.03
77756		<.001	<.03
77757		<.001	<.03
77758		<.001	<.03
77759		<.001	<.03
77760		<.001	<.03
77761		<.001	<.03
77762		<.001	<.03
77763		<.001	<.03
77764		<.001	<.03
77765		<.001	<.03
77766		<.001	<.03
77767		<.001	<.03
77768		<.001	<.03
77769		<.001	<.03
77770		<.001	<.03

20 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8354**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 21 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77771		<.001	<.03
77772		<.001	<.03
77773		<.001	<.03
77774		<.001	<.03
77775		<.001	<.03
77776		Pend	
77777		<.001	<.03
77778		<.001	<.03
77779		<.001	<.03
77780		<.001	<.03
77781		<.001	<.03
77782		<.001	<.03
77783		<.001	<.03
77784		<.001	<.03
77785		<.001	<.03
77786		<.001	<.03
77787		<.001	<.03
77788		<.001	<.03
77789		<.001	<.03
77790		<.001	<.03
77791		<.001	<.03

20 Splits
1 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8355**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 21 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL-63	Std	0.174	5.966
77792		<.001	<.03
77793		<.001	<.03
77794		<.001	<.03
77795		<.001	<.03
77796		<.001	<.03
77797		<.001	<.03
77798		<.001	<.03
77799		<.001	<.03
77800		0.071	2.434
77801		<.001	<.03
77802		<.001	<.03
77803		<.001	<.03
77804		<.001	<.03
77805		<.001	<.03
77806		<.001	<.03
77807		<.001	<.03
77808		<.001	<.03
77809		<.001	<.03
77810		<.001	<.03
77811		<.001	<.03
77812		<.001	<.03
77813		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8356**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 21 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77814		<.001	<.03
77815		<.001	<.03
77816		<.001	<.03
77817		<.001	<.03
77818		<.001	<.03
77819		<.001	<.03
77820		<.001	<.03
77821		<.001	<.03
77822		<.001	<.03
77823		<.001	<.03
77824		<.001	<.03
77825		<.001	<.03

12 Splits

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **8357**

Client: Queenston
Job No. 0-136
Project: PW

Date:
Sept 14 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
77776	0.036	1.234	0.026	0.891

1 + 2

Certified Assayer:

PolyMet Labs
A Division of Polymet Resources Ltd.
1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc
Project PW

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8459, 8460, 8461, 8462, 8463, 8464, 8465, & 8466

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Sept. 30, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

PolyMet Laboratories

Au Assay
CERTIFICATE **8459**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77826		<.001	<.03
77827		<.001	<.03
77828		<.001	<.03
77829		<.001	<.03
77830		<.001	<.03
77831		<.001	<.03
77832		<.001	<.03
77833		<.001	<.03
77834		<.001	<.03
77835		<.001	<.03
77836		0.002	0.069
77837		<.001	<.03
77838		<.001	<.03
77839		<.001	<.03
77840		<.001	<.03
77841		<.001	<.03

16 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8460**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77842		<.001	<.03
77843		<.001	<.03
77844		<.001	<.03
77845		<.001	<.03
77846		<.001	<.03
77847		<.001	<.03
77848		<.001	<.03
77849		<.001	<.03
77850		0.072	2.469
77851		<.001	<.03
77852		<.001	<.03
77853		<.001	<.03
77854		<.001	<.03
77855		<.001	<.03
77856		<.001	<.03
77857		<.001	<.03
77858		<.001	<.03
77859		<.001	<.03
77860		<.001	<.03
77861		0.020	0.686
77862		0.012	0.411
77863		0.010	0.343

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8461**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.174	5.966
77864		0.014	0.480
77865		0.002	0.069
77866		0.010	0.343
77867		0.002	0.069
77868		0.006	0.206
77869		<.001	<.03
77870		<.001	<.03
77871		<.001	<.03
77872		<.001	<.03
77873		<.001	<.03
77874		<.001	<.03
77875		<.001	<.03
77876		0.076	2.606
77877		0.002	0.069
77878		<.001	<.03
77879		<.001	<.03
77880		<.001	<.03
77881		<.001	<.03
77882		<.001	<.03
77883		<.001	<.03
77884		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8462**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.172	5.897
77885		<.001	<.03
77886		0.002	0.069
77887		0.006	0.206
77888		<.001	<.03
77889		0.028	0.960
77890		<.001	<.03
77891		<.001	<.03
77892		<.001	<.03
77893		<.001	<.03
77894		<.001	<.03
77895		<.001	<.03
77896		<.001	<.03
77897		<.001	<.03
77898		<.001	<.03
77899		<.001	<.03
77900		0.074	2.537
77901		<.001	<.03
77902		<.001	<.03
77903		0.020	0.686
77904		Pend	
77905		Pend	
77906		Pend	

19 Splits
3 Pend

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8463**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77907		<.001	<.03
77908		<.001	<.03
77909		<.001	<.03
77910		<.001	<.03
77911		<.001	<.03
77912		<.001	<.03
77913		<.001	<.03
77914		<.001	<.03
77915		<.001	<.03
77916		<.001	<.03
77917		<.001	<.03
77918		<.001	<.03
77919		<.001	<.03
77920		<.001	<.03
77921		<.001	<.03
77922		<.001	<.03
77923		<.001	<.03
77924		<.001	<.03
77925		<.001	<.03
77926		0.075	2.571
77927		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8464**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77928		<.001	<.03
77929		<.001	<.03
77930		<.001	<.03
77931		<.001	<.03
77932		<.001	<.03
77933		<.001	<.03
77934		<.001	<.03
77935		<.001	<.03
77936		<.001	<.03
77937		<.001	<.03
77938		<.001	<.03
77939		<.001	<.03
77940		<.001	<.03
77941		<.001	<.03
77942		<.001	<.03
77943		<.001	<.03
77944		<.001	<.03
77945		<.001	<.03
77946		<.001	<.03
77947		<.001	<.03
77948		<.001	<.03
77949		<.001	<.03

22 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8465**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Sept 30 / 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77950		0.075	2.571
77951		<.001	<.03
77952		<.001	<.03
77953		<.001	<.03
77954		<.001	<.03
77955		<.001	<.03
77956		<.001	<.03
77957		<.001	<.03
77958		<.001	<.03
77959		<.001	<.03
77960		<.001	<.03
77961		<.001	<.03

12 Splits

Certified Assayer:

PolyMet Laboratories

CERTIFICATE **8466**

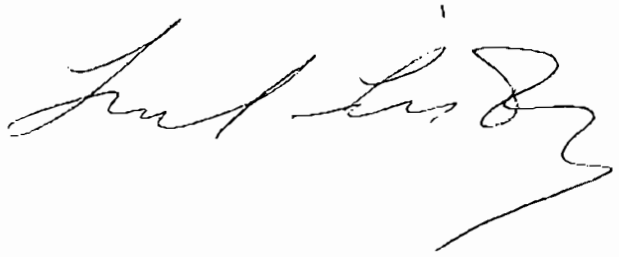
Client: Queenston
Job No. 0-136
Project: PW

Date:
Oct. 1 / 10

	Original		Reject	Check
Sample #	**Au Oz/ton**	**g/tonne**	**Au Oz/ton**	**g/tonne**
77904	0.042	1.440	0.036	1.234
77905	0.048	1.646	0.058	1.989
77906	0.044	1.509	0.042	1.440

3 + 6

Certified Assayer:



PolyMet Labs
A Division of Polymet Resources Ltd.

1 Presley St, P.O. Box 699, Cobalt, Ontario, Canada P0J 1C0
Tel: (705) 679-5500 • Fax: (705) 679-5519
Email: info@polymetinc.com Website: www.polymetinc.com

Certificate of Analysis

Queenston Mining Inc.

We certify that the assay results in the following Certificates are factual and true.

Certificate #'s 8567 & 8568

Certified by: _____
Chief Assayer

Certified by: _____
President/Manager

Date: Oct. 14, 2010

Disclaimer: The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

PolyMet Laboratories

Au Assay
CERTIFICATE **8567**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Oct. 14, 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77962		<.001	<.03
77963		<.001	<.03
77964		<.001	<.03
77965		<.001	<.03
77966		<.001	<.03
77967		<.001	<.03
77968		<.001	<.03
77969		<.001	<.03
77970		<.001	<.03
77971		<.001	<.03
77972		<.001	<.03
77973		<.001	<.03
77974		<.001	<.03
77975		<.001	<.03
77976		<.001	<.03
77977		<.001	<.03
77978		<.001	<.03
77979		<.001	<.03
77980		<.001	<.03
77981		<.001	<.03
77982		<.001	<.03

21 Splits

Certified Assayer:

PolyMet Laboratories

Au Assay
CERTIFICATE **8568**

Client: Queenston Mining Inc.
Job No. 0-136

Splits

Project PW

Date : Oct. 14, 2010

Sample #		Au oz/ton	Au g/tonne
OxL- 63	Std	0.176	6.034
77983		<.001	<.03
77984		<.001	<.03
77985		<.001	<.03
77986		<.001	<.03
77987		<.001	<.03
77988		<.001	<.03
77989		<.001	<.03
77990		<.001	<.03
77991		<.001	<.03
77992		<.001	<.03
77993		<.001	<.03
77994		<.001	<.03
77995		<.001	<.03
77996		<.001	<.03
77997		<.001	<.03
77998		<.001	<.03
77999		<.001	<.03
78000		<.001	<.03

18 Splits

Certified Assayer:

PAWNEE

5335000N
5334000N
5333000N
5332000N
5331000N
575000E
576000E
577000E
578000E
579000E
580000E
581000E

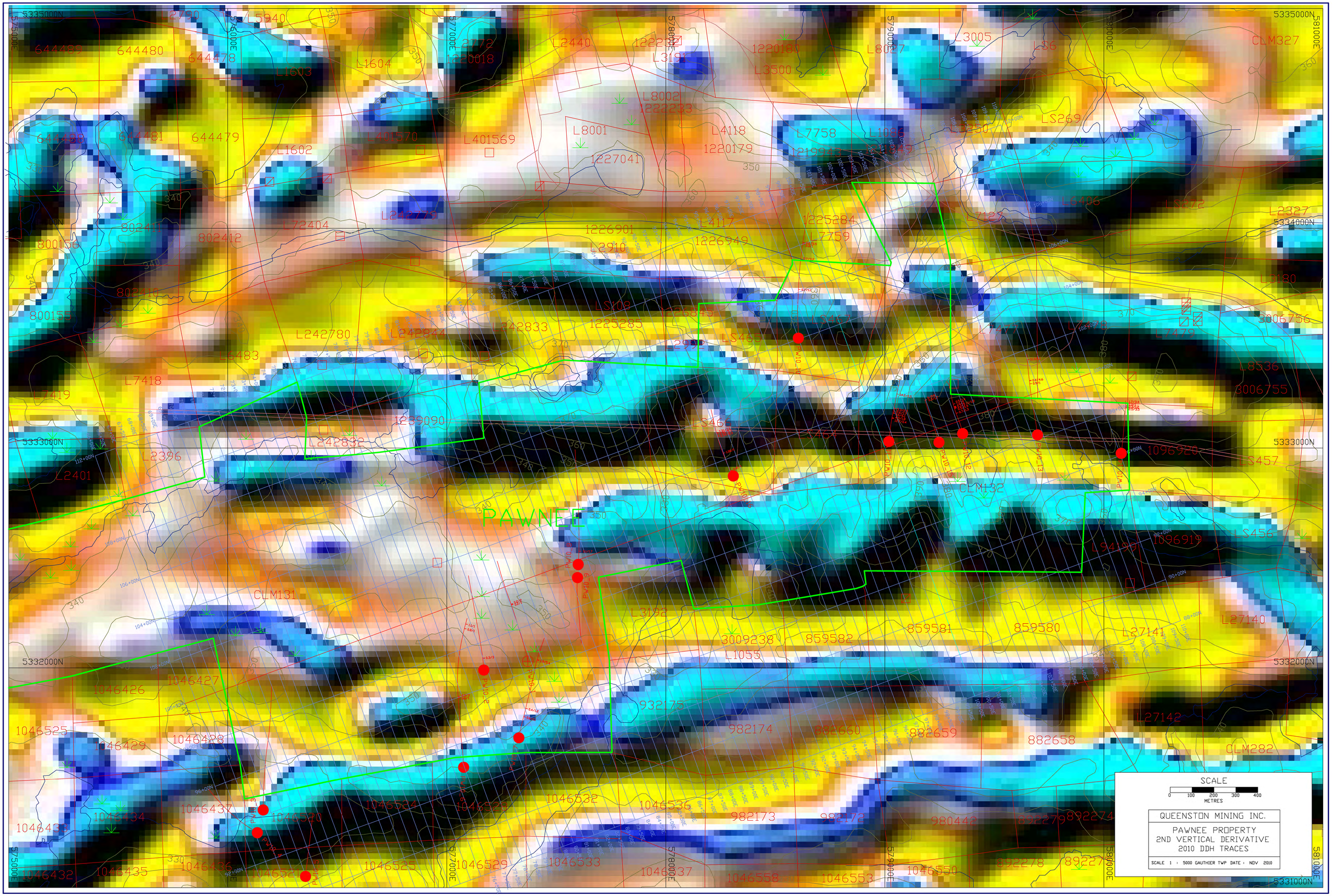
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644480
644478
L1603
L1604
L2772
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L2440
1222232
L3191
1220180
L3500
L8027
L3005
LS6
CLM327
644488
644481
644479
L1602
L401570
L401569
L8001
1227041
L8002
1222233
L4118
1220179
L7758
1219943
L1086
1211849
L3250
LS269
L6406
LS272
L2327
802411
802412
L72404
L242779
L4117
1226949
1226901
L2910
1225284
L7759
L7127
800156
802410
800155
L242780
L242844
L242833
LS108
1225285
1226845
L2992
LS465
LS467
L7477
L7478
L7479
L3180
3006756
L8536
3006755
L6483
L7418
L7419
1239090
L242832
LS466
LS464
1096920
LS457
L2396
L2401
CLM132
L94199
1096919
LS456
CLM131
L3192
3009238
L1055
859581
859580
L27140
L27141
932175
982174
882660
882659
882658
L27142
CLM282
1046426
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980442
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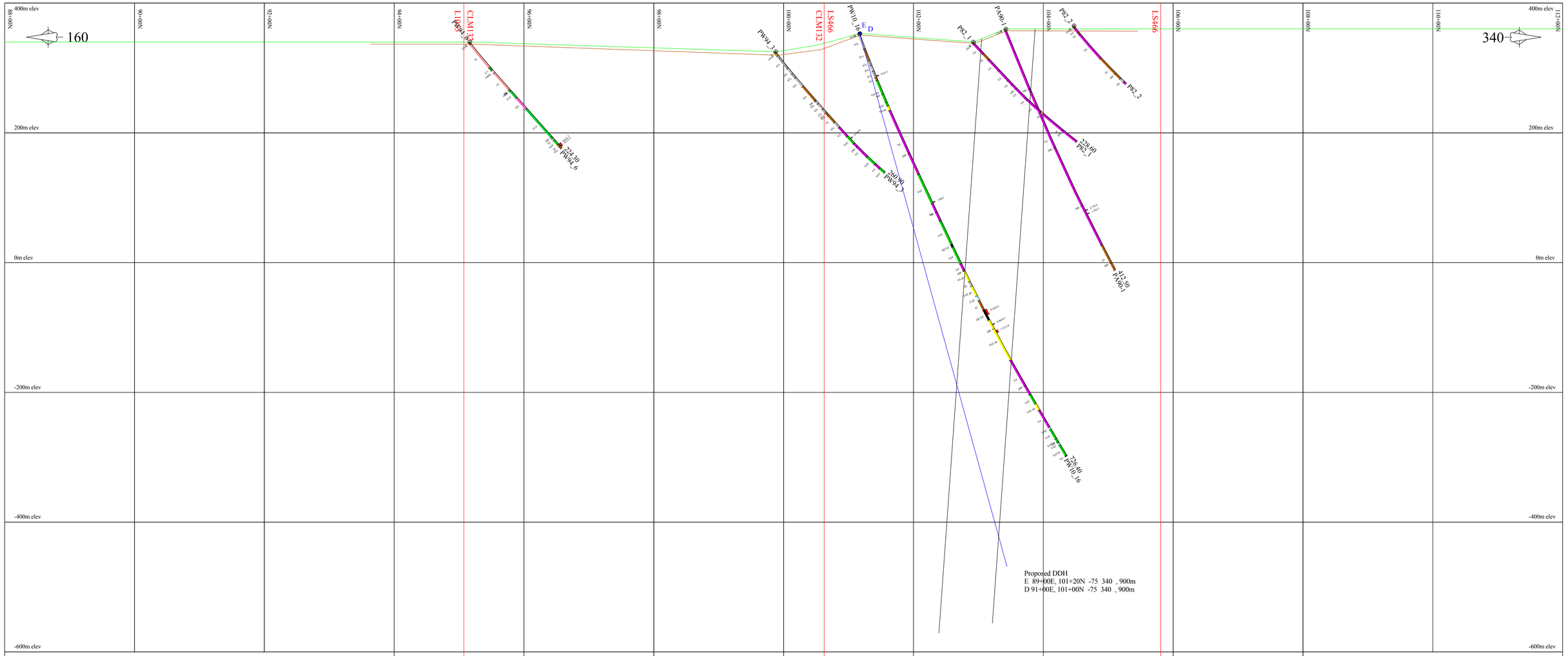
PAWNEE SHAFT
WINTER ROAD
SUMMER ROAD
MORRIS KIRKLAND INFRASTRUCTURE
HWY 66

LEGEND
HISTORIC DDH
2010 DDH
PROPOSED DDH

SCALE
0 100 200 300 400
METRES

QUEENSTON MINING INC.
PAWNEE PROPERTY
2010 DDH LOCATION MAP
SCALE 1 : 5000 GAUTHIER TWP DATE : NOV 2010


5335000N
5333000N
5332000N
5331000N
575000E
576000E
577000E
578000E
579000E
580000E
581000E
PAWNEE
SCALE
0 100 200 300 400
METRES
QUEENSTON MINING INC.
PAWNEE PROPERTY
2ND VERTICAL DERIVATIVE
2010 DDH TRACES
SCALE 1 : 5000 GAUTHIER TWP DATE : NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- ID - Dabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

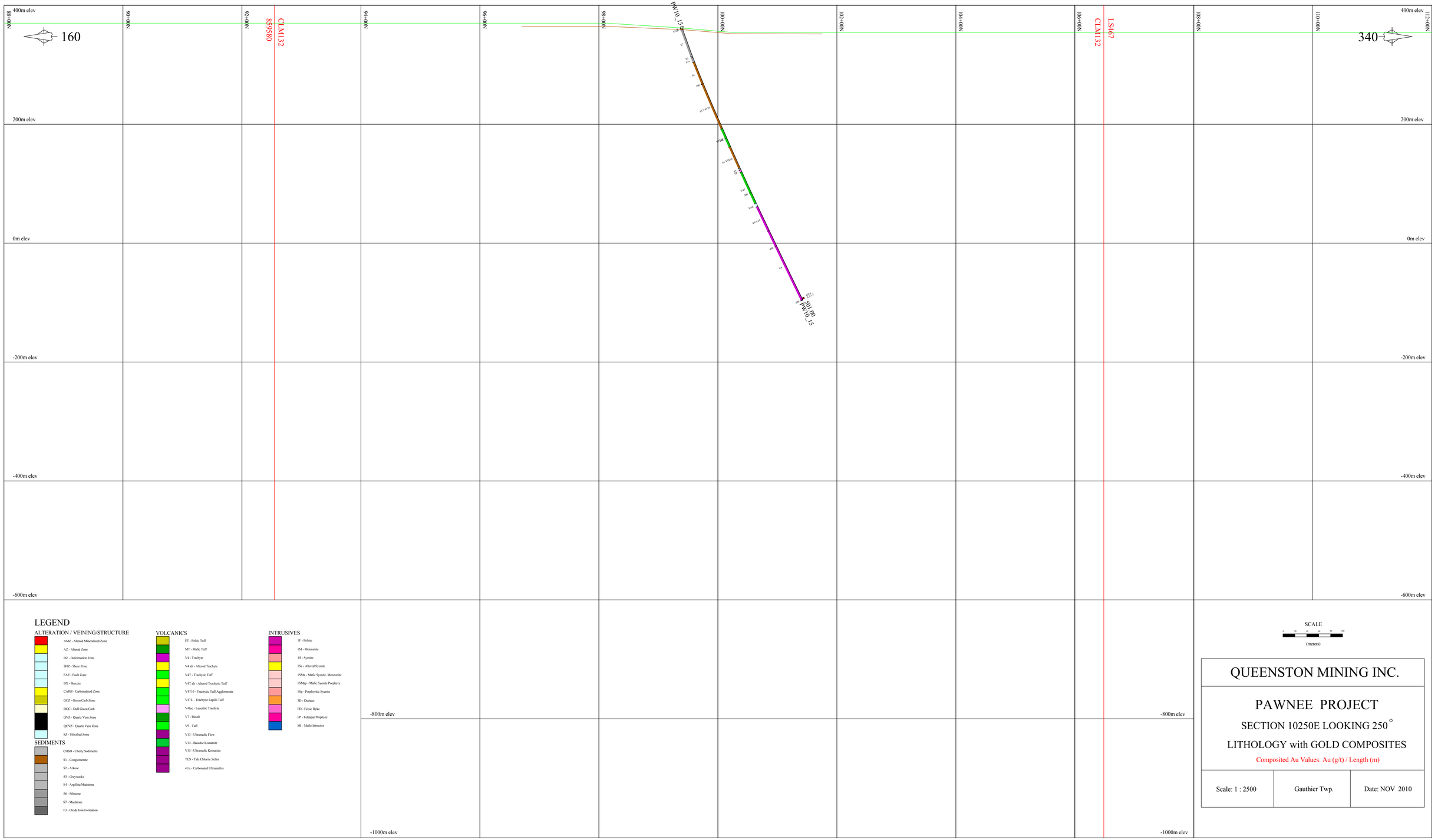
PAWNEE PROJECT

SECTION 9300E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucitic Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Ux - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- ID - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 10250E LOOKING 250°

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4lac - Leucitic Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- ID - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

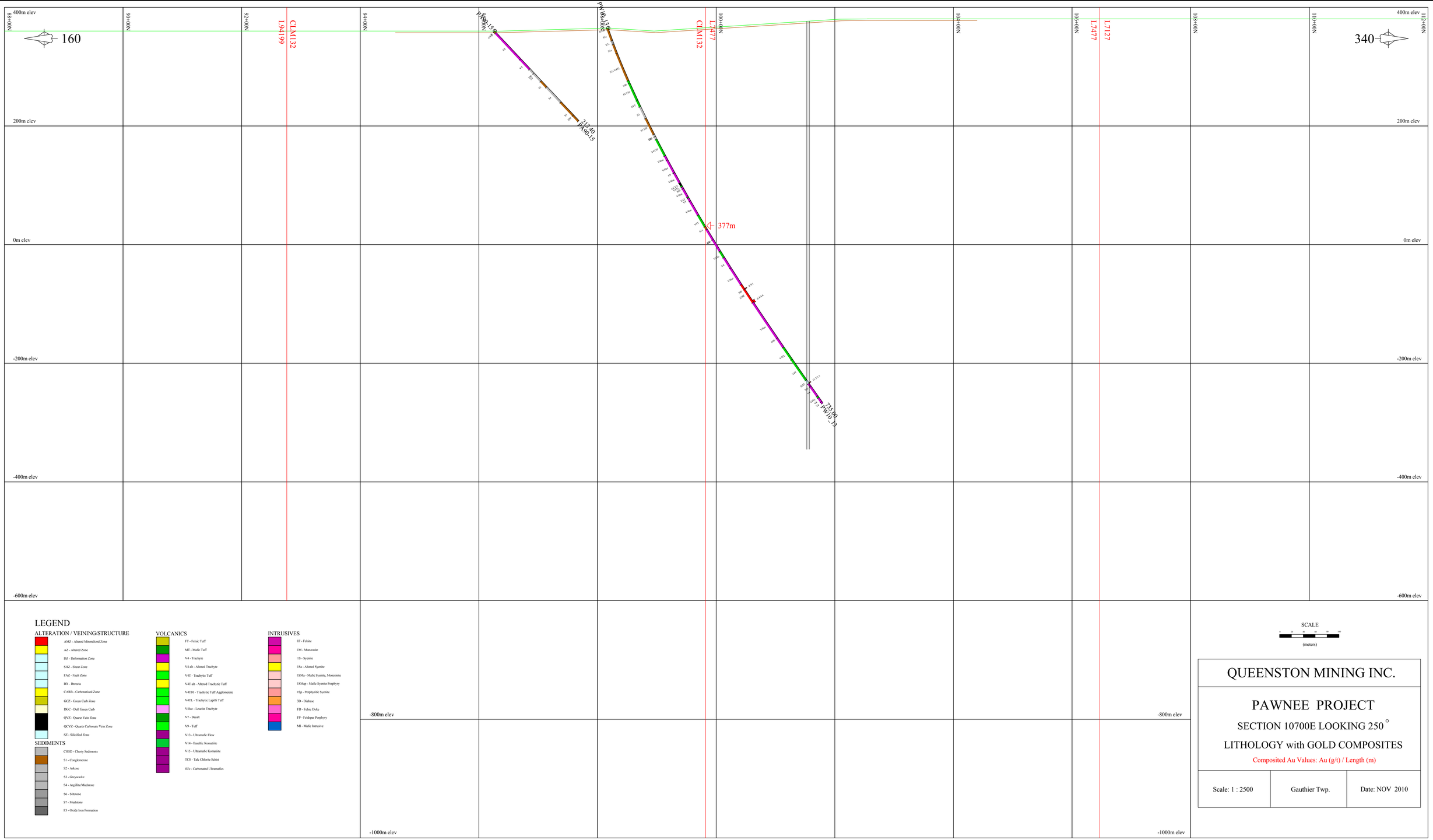
PAWNEE PROJECT

SECTION 11050E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010


400m elev
160
200m elev
0m elev
-200m elev
-400m elev
-600m elev
-800m elev
-1000m elev
88+00N
90+00N
92+00N
94+00N
96+00N
98+00N
100+00N
102+00N
104+00N
106+00N
108+00N
110+00N
112+00N
CLM132
L94199
L7477
CLM132
L7477
L7127
PAW0_15
PAW0_13
PAW0_13
PAW0_15
377m
340
LEGEND
ALTERATION / VEINING/STRUCTURE
AMZ - Altered Mineralized Zone
AZ - Altered Zone
DZ - Deformation Zone
SHZ - Shear Zone
FAZ - Fault Zone
BX - Breccia
CARB - Carbonatized Zone
GCZ - Green Carb Zone
DGC - Dull Green Carb
QVZ - Quartz Vein Zone
QCVZ - Quartz Carbonate Vein Zone
SZ - Silicified Zone
SEDIMENTS
CHSD - Charty Sediments
S1 - Conglomerate
S2 - Arkose
S3 - Greywacke
S4 - Argillite/Mudstone
S6 - Siltstone
S7 - Mudstone
F3 - Oxide Iron Formation
VOLCANICS
FT - Felsic Tuff
MT - Mafic Tuff
V4 - Trachyte
V4 alt - Altered Trachyte
V4T - Trachytic Tuff
V4T alt - Altered Trachytic Tuff
V4T10 - Trachytic Tuff Agglomerate
V4TL - Trachytic Lapilli Tuff
V4lac - Leucite Trachyte
V7 - Basalt
V9 - Tuff
V13 - Ultramafic Flow
V14 - Basaltic Komatiite
V15 - Ultramafic Komatiite
TCS - Talc Chlorite Schist
4Uc - Carbonated Ultramafics
INTRUSIVES
IF - Felsite
IM - Monzonite
IS - Syenite
ISa - Altered Syenite
ISMa - Mafic Syenite, Monzonite
ISMap - Mafic Syenite Porphyry
ISp - Porphyritic Syenite
ID - Diabase
FD - Felsic Dyke
FP - Feldspar Porphyry
MI - Mafic Intrusive
SCALE
0 20 40 60 80 100
(meters)
QUEENSTON MINING INC.
PAWNEE PROJECT
SECTION 10700E LOOKING 250°
LITHOLOGY with GOLD COMPOSITES
Composited Au Values: Au (g/t) / Length (m)
Scale: 1 : 2500
Gauthier Twp.
Date: NOV 2010

88+00N
96+00N
92+00N
94+00N
96+00N
98+00N
100+00N
102+00N
104+00N
106+00N
108+00N
110+00N
112+00N

400m elev
200m elev
0m elev
-200m elev
-400m elev
-600m elev
-800m elev
-1000m elev

160

CLM132
859580

340

CLM132
L10860

DDH10_12
B

DDH10_12
G

Proposed DDH B
104+50E, 99+40N
-80° 340° , 1000m

Proposed DDH G
104+00E, 104+30N
-75° 340° , 900m

LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4lac - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- 1F - Felsite
- 1M - Monzonite
- 1S - Syenite
- 1Sa - Altered Syenite
- 1SMa - Mafic Syenite, Monzonite
- 1SMap - Mafic Syenite Porphyry
- 1Sp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 10 20 30 40 50

(meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 10350E LOOKING 250°

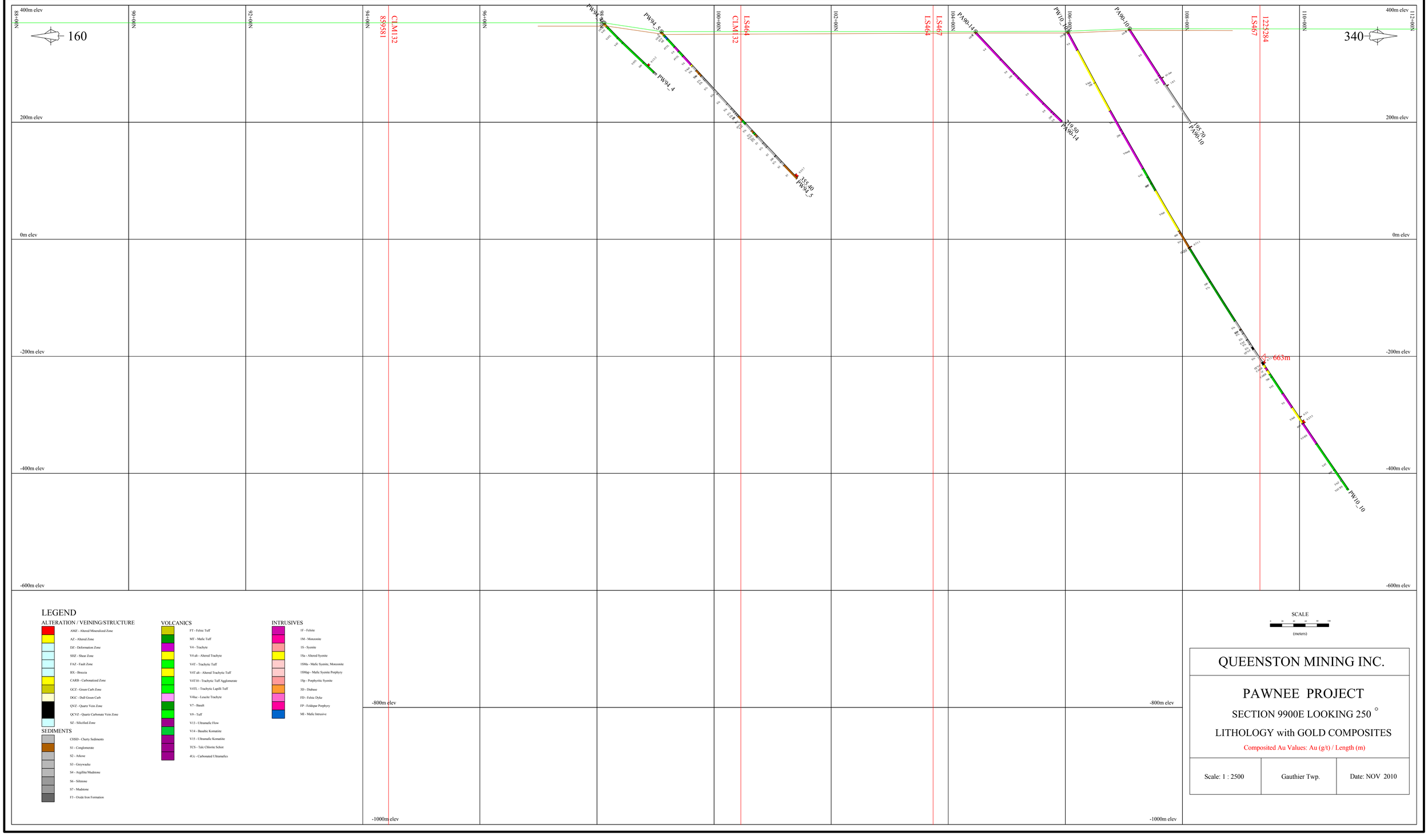
LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



QUEENSTON MINING INC.
PAWNEE PROJECT
SECTION 10150E LOOKING 250°
LITHOLOGY with GOLD COMPOSITES
Composited Au Values: Au (g/t) / Length (m)
Scale: 1 : 2500
Gauthier Twp.
Date: NOV 2010
SCALE
(meters)
160
340
400m elev
200m elev
0m elev
-200m elev
-400m elev
-600m elev
-800m elev
-1000m elev
88+00N
90+00N
92+00N
94+00N
96+00N
98+00N
100+00N
102+00N
104+00N
106+00N
108+00N
110+00N
112+00N
CLM132
859581
CLM132
L5467
PW94_4
PW10_11
PW94_4
PW10_11
C
Proposed DDH C
102+00E, 99+40N
-75° 340°, 1000m
LEGEND
ALTERATION / VEINING/STRUCTURE
AMZ - Altered Mineralized Zone
AZ - Altered Zone
DZ - Deformation Zone
SHZ - Shear Zone
FAZ - Fault Zone
BX - Breccia
CARB - Carbonatized Zone
GCZ - Green Carb Zone
DGC - Dull Green Carb
QVZ - Quartz Vein Zone
QCVZ - Quartz Carbonate Vein Zone
SZ - Silicified Zone
SEDIMENTS
CHSD - Cherty Sediments
S1 - Conglomerate
S2 - Arkose
S3 - Greywacke
S4 - Argillite/Mudstone
S6 - Siltstone
S7 - Mudstone
F3 - Oxide Iron Formation
VOLCANICS
FT - Felsic Tuff
MT - Mafic Tuff
V4 - Trachyte
V4 alt - Altered Trachyte
V4T - Trachytic Tuff
V4T alt - Altered Trachytic Tuff
V4T10 - Trachytic Tuff Agglomerate
V4TL - Trachytic Lapilli Tuff
V4luc - Leucite Trachyte
V7 - Basalt
V9 - Tuff
V13 - Ultramafic Flow
V14 - Basaltic Komatiite
V15 - Ultramafic Komatiite
TCS - Talc Chlorite Schist
4Uc - Carbonated Ultramafics
INTRUSIVES
1F - Felsite
1M - Monzonite
1S - Syenite
1Sa - Altered Syenite
1SMa - Mafic Syenite, Monzonite
1SMap - Mafic Syenite Porphyry
1Sp - Porphyritic Syenite
3D - Diabase
FD - Felsic Dyke
FP - Feldspar Porphyry
MI - Mafic Intrusive



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- 1F - Felsite
- 1M - Monzonite
- 1S - Syenite
- 1Sa - Altered Syenite
- 1SMa - Mafic Syenite, Monzonite
- 1SMap - Mafic Syenite Porphyry
- 1Sp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 9900E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CISD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Lc - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- ID - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

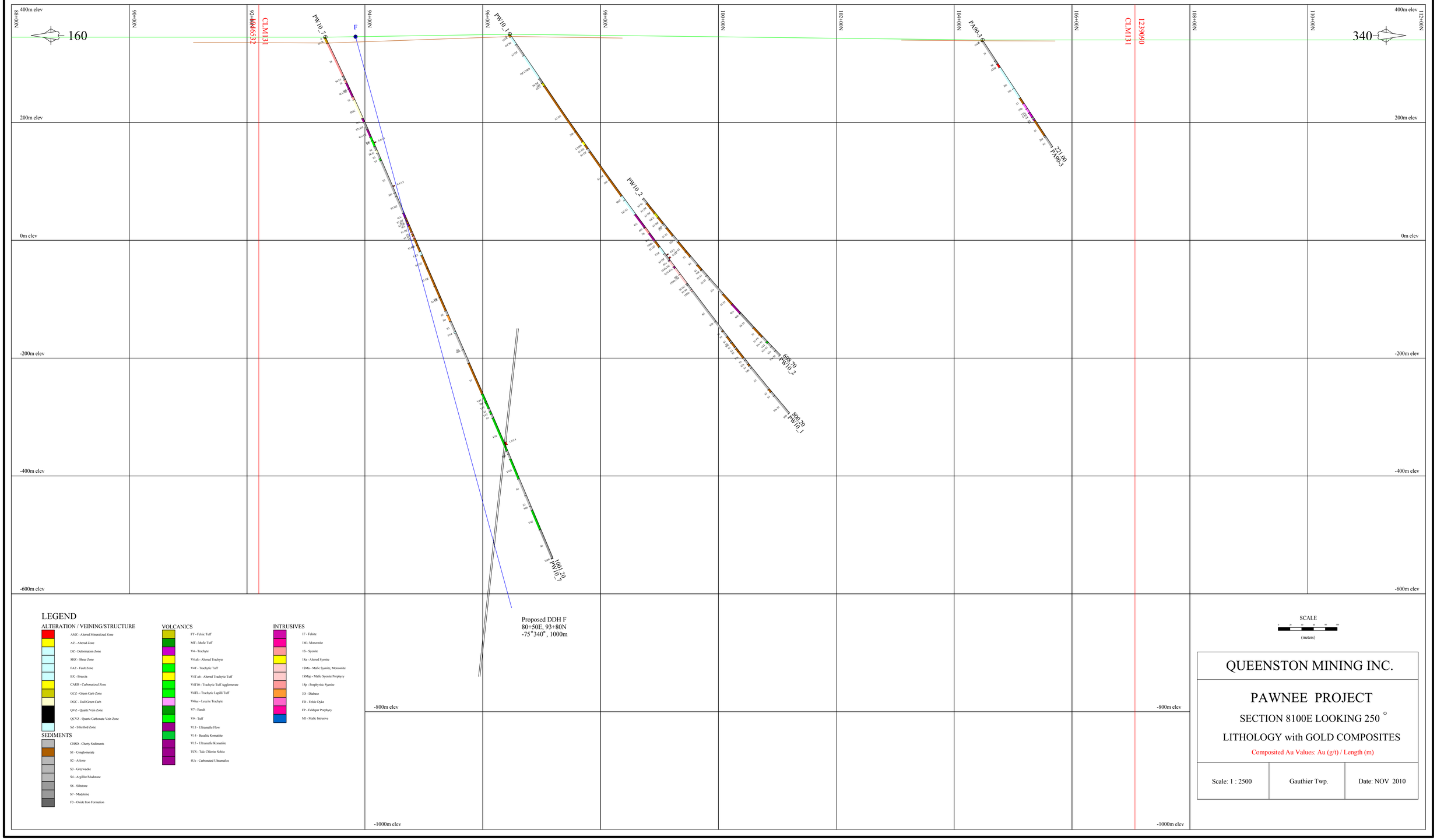
PAWNEE PROJECT

SECTION 8500E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucitic Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- 1F - Felsite
- 1M - Monzonite
- 1S - Syenite
- 1Sa - Altered Syenite
- 1SMa - Mafic Syenite, Monzonite
- 1SMap - Mafic Syenite Porphyry
- 1Sp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 50 100 150 200 250

(meters)

QUEENSTON MINING INC.

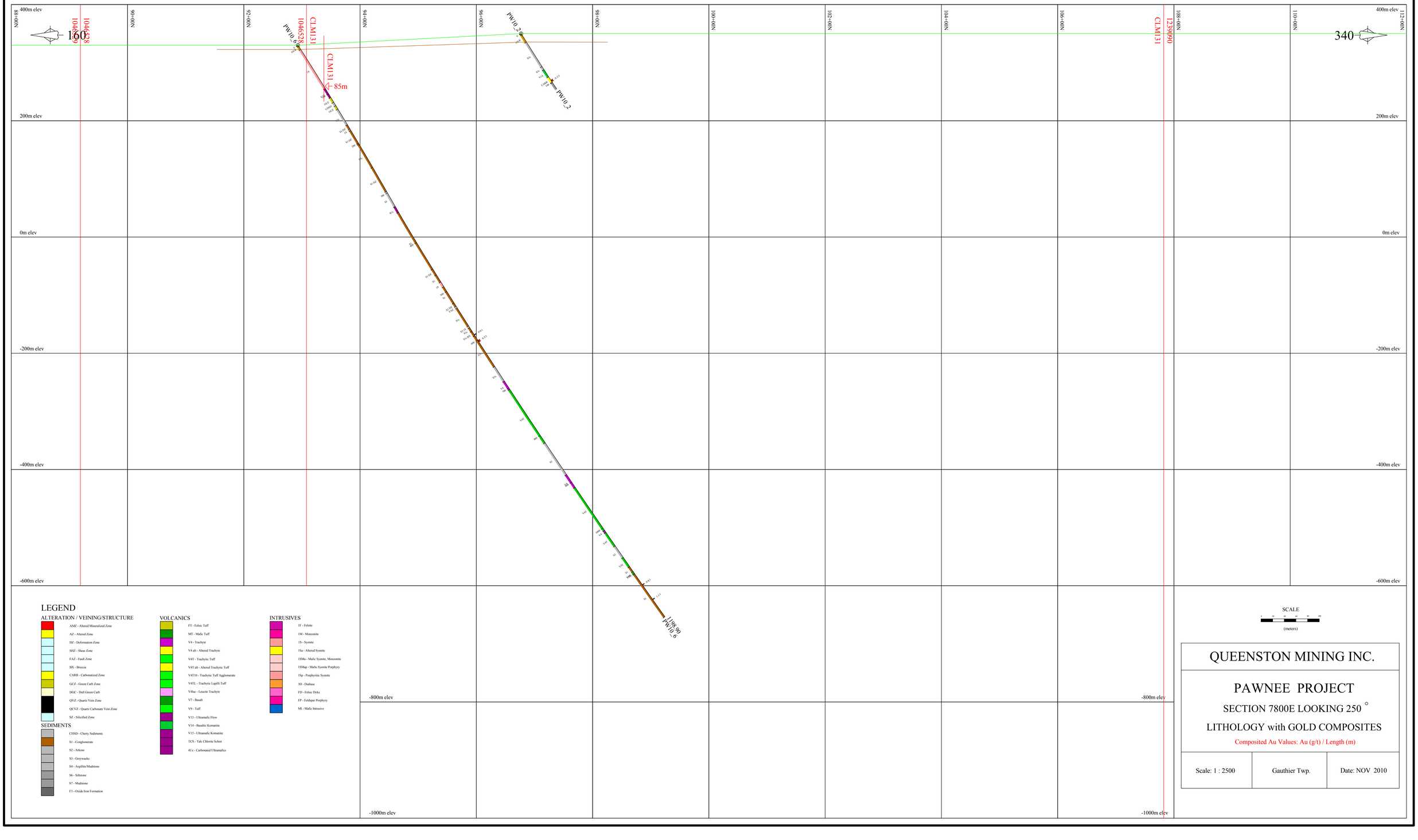
PAWNEE PROJECT

SECTION 8100E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMz - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 7800E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010

88+00N
90+00N
92+00N
94+00N
96+00N
98+00N
100+00N
102+00N
104+00N
106+00N
108+00N
110+00N
112+00N

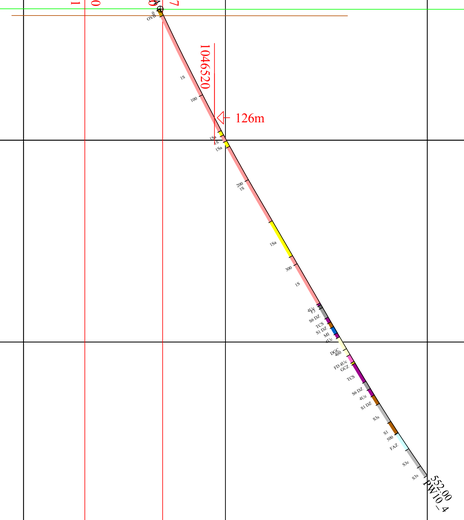
400m elev
200m elev
0m elev
-200m elev
-400m elev
-600m elev
-800m elev
-1000m elev

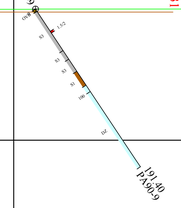
160

340

1046521
1046520
1046437
1046428
1046427
CLM131
L2-401

126m





LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4tuc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Ux - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- ID - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.


PAWNEE PROJECT

SECTION 6650E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- 1F - Felsite
- 1M - Monzonite
- 1S - Syenite
- 1Sa - Altered Syenite
- 1SMa - Mafic Syenite, Monzonite
- 1SMap - Mafic Syenite Porphyry
- 1Sp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE (meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 6900E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010



LEGEND

ALTERATION / VEINING/STRUCTURE

- AMZ - Altered Mineralized Zone
- AZ - Altered Zone
- DZ - Deformation Zone
- SHZ - Shear Zone
- FAZ - Fault Zone
- BX - Breccia
- CARB - Carbonatized Zone
- GCZ - Green Carb Zone
- DGC - Dull Green Carb
- QVZ - Quartz Vein Zone
- QCVZ - Quartz Carbonate Vein Zone
- SZ - Silicified Zone

SEDIMENTS

- CHSD - Cherty Sediments
- S1 - Conglomerate
- S2 - Arkose
- S3 - Greywacke
- S4 - Argillite/Mudstone
- S6 - Siltstone
- S7 - Mudstone
- F3 - Oxide Iron Formation

VOLCANICS

- FT - Felsic Tuff
- MT - Mafic Tuff
- V4 - Trachyte
- V4 alt - Altered Trachyte
- V4T - Trachytic Tuff
- V4T alt - Altered Trachytic Tuff
- V4T10 - Trachytic Tuff Agglomerate
- V4TL - Trachytic Lapilli Tuff
- V4luc - Leucite Trachyte
- V7 - Basalt
- V9 - Tuff
- V13 - Ultramafic Flow
- V14 - Basaltic Komatiite
- V15 - Ultramafic Komatiite
- TCS - Talc Chlorite Schist
- 4Uc - Carbonated Ultramafics

INTRUSIVES

- IF - Felsite
- IM - Monzonite
- IS - Syenite
- ISa - Altered Syenite
- ISMa - Mafic Syenite, Monzonite
- ISMap - Mafic Syenite Porphyry
- ISp - Porphyritic Syenite
- 3D - Diabase
- FD - Felsic Dyke
- FP - Feldspar Porphyry
- MI - Mafic Intrusive

SCALE

0 20 40 60 80 100

(meters)

QUEENSTON MINING INC.

PAWNEE PROJECT

SECTION 8050E LOOKING 250 °

LITHOLOGY with GOLD COMPOSITES

Composited Au Values: Au (g/t) / Length (m)

Scale: 1 : 2500	Gauthier Twp.	Date: NOV 2010