MATAWEST PROPERTY
N.T.S 42 A/3 - 41 P/14
PN-776 / 777

1998 DIAMOND DRILLING

RICHARD L. NIEMINEN
PROJECT GEOLOGIST

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SUMMARY

The Matawest Project is located in Zavitz and Hutt townships, N.T.S. 42 A/3 and 41 P/14, approximately 40 kilometres south of Timmins and 35 kilometres west of Matachewan in Ontario.

During the first half of the month of June, a diamond drilling campaign was implemented in order to test geological targets located along or near induce polarization anomalies.
The 1998 diamond drilling campaign was completed on June 17th and consisted of five (5) holes totalling 1,082.85 metres. The core was thouroughly sampled where 492 core samples were taken and sent for analysis from which 471 were for gold and 21 for whole rock analysis.

This drilling program was successfull in uncovering and distinguishing two types of gold anomalous mineralizations, on the Matawest property. The first type of mineralization encountered consist of disseminated pyrite associated with strong and pervasive carbonatization (Fe) and fuchsitization at the contact of the mafic and the ultramafic rock units. The second type is carried by disseminated pyrite and quartz veining within tonalitic dykes.

Recommendations for future work on the Matawest property consist of drill testing the induce polarization anomalies located laterally, towards the east and the west, from the Comma Lake drilling area.

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1.0 INTRODUCTION

1.1 Scope of work

During the month of June, from the 1st to the 17th, 1998, a surface diamond drilling program was carried out on the Matawest property.

The property lies along the structural contact between a sequence of intermediate to felsic metavolcanic rocks and a younger sequence of mafic to ultramafic metavolcanic rocks (Hrabi and Helmstaedt 1990). Syenitic, tonalitic dykes and ultramafic sills intrude this contact and/or the surrounding rocks.This sheared contact is tentatively correlated with the Galer Lake Branch of Cadillac-Larder Lake Break interpreted by L.S. Jensen in Powell, Bannockburn and Montrose townships (Jensen 1996a,b,c).

This diamond drilling work is based on the 1997 Geological Mapping and Sampling Survey and an Induced Polarization Survey. Together, gold occurrences in the vicinity of a combined chargeability / resistivity anomaly have helped in determining target areas.

Potential for mineral discoveries is still high and supported by the occurence of several past-producing mines in the region (Ashley Gold Mine in Bannockburn Twp, Stairs Mine in Midlothian Twp, Young-Davidson and Matachewan Consolidated in Powell Twp) and many gold showings. At present, Royal Oak Mines Inc. is conducting an advanced exploration program in order to re-open the Young-Davidson / Matachewan Consolidated Mines. Last released reserves were 12,44 M tons grading 2,26 g/t Au.

1.2 Location and access

The Matawest Project is located in Zavitz and Hutt townships, N.T.S. 42 A/3 and 41 P/14, approximately 40 kilometres south of Timmins and 35 kilometres west of Matachewan, Ontario (figure 1). Access to the property is provided by logging roads south, from Timmins (Pine Street) and south, from South Porcupine (Forks River road) and west from Matachewan (road 566 and the Matachewan road). Within the property, the Canoeshed Lake and the Zavitz Creek provide excellent boat access.

1.3 Property status

The Matawest property consists of 17 mining claims totalling 81 units (1296 ha). All claims are 100% owned by Inmet Mining Corporation. (Figure 2 and Table 1)

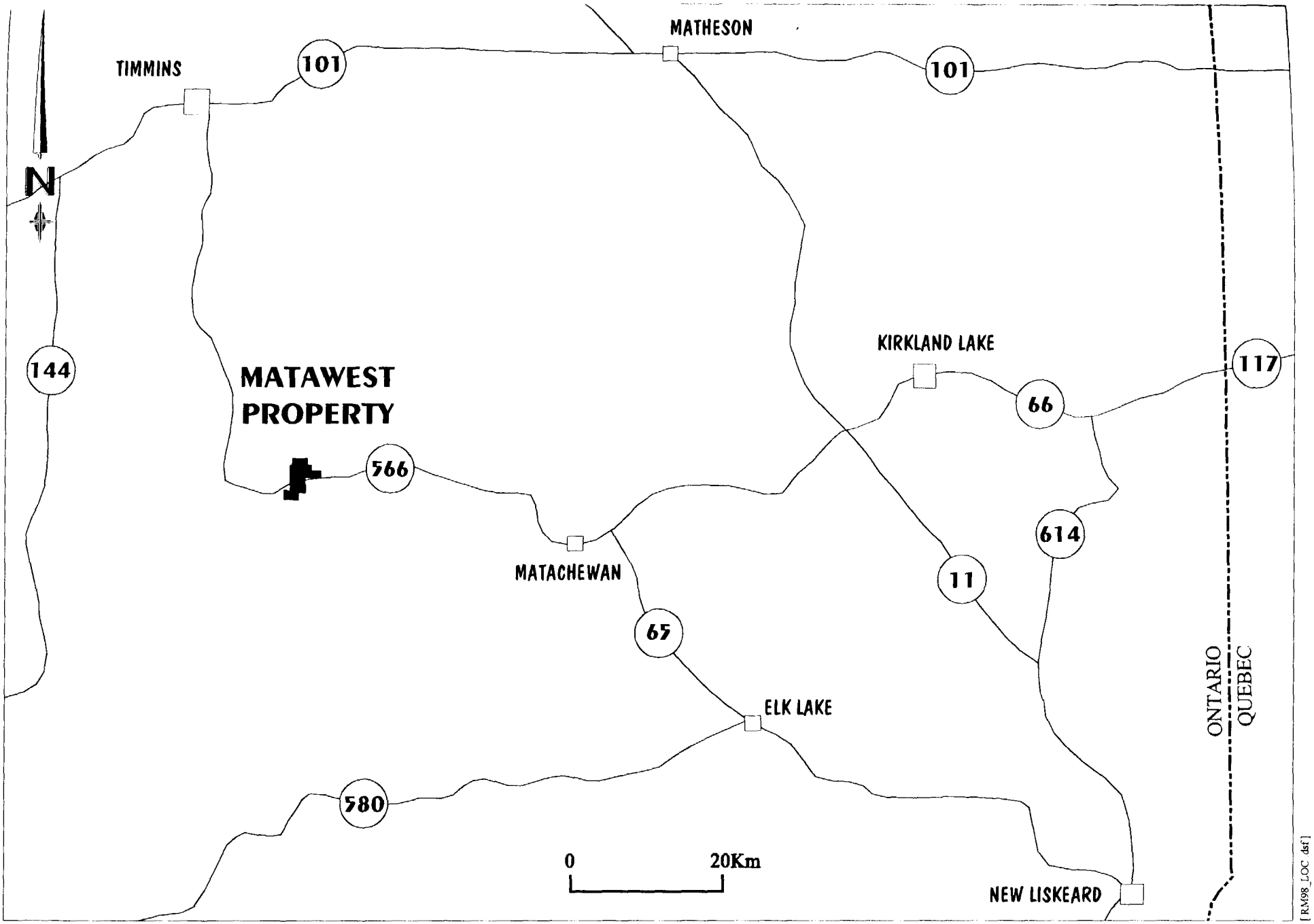

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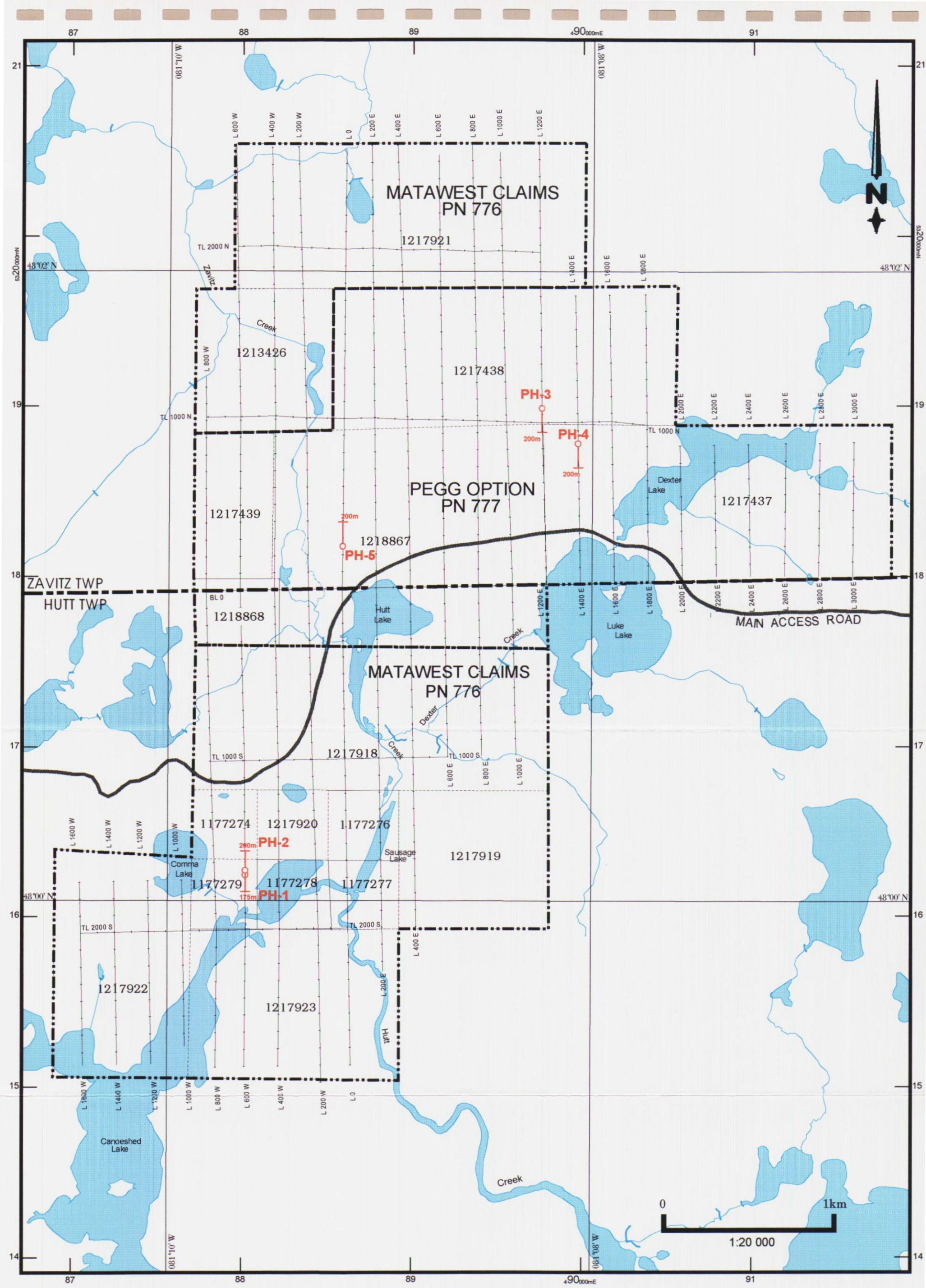
FIG. 1
LOCATION MAP

MATAWEST PROJECTS
MATAWEST CLAIMS (PN 70-776)
PEGG OPTION (PN 70-777)



CLAIMS MAP

Fig. 2

MATAWEST PROJECTS

MATAWEST CLAIMS (PN 70-776)
PEGG OPTION (PN 70-777)

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[RP98_776.dsf] 19990910

TABLE 1
Claims list

CLAIMS #	UNIT	AREA (ha)	RECORD. DATE	TOWNSHIP
1177274	1	16	08-07-91	Hutt
1177276	1	16	08-07-91	Hutt
1177277	1	16	08-07-91	Hutt
1177278	1	16	08-07-91	Hutt
1177279	1	16	08-07-91	Hutt
1213426	4	64	12-04-96	Zavitz
1217918	10	160	04-02-97	Hutt
1217919	4	64	04-02-97	Hutt
1217920	1	16	04-02-97	Hutt
1217921	10	160	28-02-97	Zavitz
1217922	6	96	28-02-97	Hutt
1217923	6	96	28-02-97	Hutt
1217437	10	160	17-06-96	Zavitz
1217438	10	160	17-06-96	Zavitz
1217439	2	32	17-06-96	Zavitz
1218867	12	192	13-12-96	Zavitz
1218868	1	16	13-12-96	Hutt

1.4 Previous work

Work on the property has consisted of mapping, sampling, prospecting, ground magnetic surveys and minor drilling. Scattered gold anomalies occur within and near the property. (see Table 2)

TABLE 2
Previous work

Asses. File	Company/Person	Year	Description
Government Work			
N/A	E.G. Bright, Ontario Geological Survey	1968	Preliminary Geological Maps P.491 and P.455 (Zavitz and Hutt twps).
N/A	D.R. Pyke, Ontario geological Survey	1978	Report 171, Map 2345, geology and mineralization in the Peterlong Lake area.
N/A	E.G. Bright, Ontario Geological Survey	1984	Report 231, Maps 2290-91, geology, structure and mineral occurences of Ferrier Lake-Canoeshed Lake area.
N/A	R.B. Hrabi and H. Helmtaedt, Queen's University (Ontario Geoscience Grants Program, O.G.S)	1990	Miscellaneous Paper 156, Grant 359 Geological and Stratigraphic studies in the Midlothian Lake-Peterlong Lake area.
N/A	Ontario Geological Survey	1990	Maps 81397-398 and 81400-401, airborne Electromagnetic and total intensity magnetic survey.
N/A	M.C. Rogers, Ontario Geological Survey	1995	Preliminary Map 3343, Geological and exploration data compilation of the Grassy River area.
N/A	A.F. Bajc, Ontario Geological Survey	1996	Open File Report 5941. This report provides a framework of quaternary geology using glacial drift analysis in the Peterlong Lake-Radisson Lake area.
N/A	A.F. Bajc, Ontario Geological Survey	1996	Open File Report 5942. This report provides a framework of quaternary geology using glacial drift analysis, lake sediments analysis and lake water sampling in the Peterlong Lake-Radisson Lake area.

TABLE 2
Previous work

Industry Related Work			
T-197	M.E. Hurst (Ontario Department of mines), T.S. Vipond and C. Heard	1947	Evaluation Report by Hurst, concerning the Vipond and Heard works on their property (prospecting, trenching and sampling) in Zavitz creek area.. Gold values up to 0,11 oz./T are reported.
T-275	Phelps-Dodge Corp. of Canada Ltd.	1965	Two (2) holes, totalling 341 feet (104m), were drilled northwest of Dexter Lake. Hole 65-1 intersected felsic volcanics and volcanoclastites, graphitic tuff /sediments and a diabase dike. Hole 65-2 intersected similar lithologies, mineralized with 10-15% py over 32 feet (9,8m) and 3% py or less over 48 feet (14,6m). No indication of sampling.
T-291	R. Rousseau	1973	Power and hand stripping on the Vipond and Heard gold occurence (s).
T-1643	Granges Inc.	1974	Airborne Electromagnetic Survey covering Hutt, Zavitz, English, Semple and parts of Beemer and Bartlett townships. Two (2) holes (totalling 276 feet) were drilled in the Canoeshed Lake area. Both holes (Hut-20 and 22) intersected graphitic rocks, mineralized with pyrite (up to 20% over 12 feet). From the seven (7) samples taken, only two (2) were assayed for gold and returned 35ppb Au. Two (2) other holes (#54 and #55) were drilled in the same area. Hole #54 intersected graphitic sedimentary rocks, mineralized with pyrite. Hole #55 intersected a gabbroic intrusive rock (margin of an ultramafic sill?). Total drilled length is unknown.

TABLE 2
Previous work

T-292	Vantage Mining Co. Ltd.	1974 1975	Evaluation report, geology, ground based magnetic survey, VLF and one (1) hole drilled (672 feet) in the Zavitz creek area (Vipond and Heard gold occurence(s)). hole #1 intersected mafic and ultramafic volcanic rocks, intruded by pyritized felsic dikes. Three (3) samples were assayed for gold and returned "nil" values.
T-2687	Essex Minerals Company	1978	Prospection, groung magnetic and EM surveys in the northwestern quadrant of Hutt Township. A 18,2 g/t Au showing was found and stripped. Exact location is not given.
T-299	Geolex Res. Ltd.	1979	Reverse circulation drilling (28 holes) was carried out on the Vipond and Heard gold occurence(s). 28 basal till samples were taken and gold assay results returned less than 10 ppb Au
T-306	Newmont Exploration of Canada Ltd.	1980	Ground magnetic survey in the Zavitz creek area (Vipond and Heard gold occurence).
T-3397	Falconbridge Ltd.	1991 1993	Magnetic and HLEM surveys. One (1) hole (345m) was drilled on the north shore of Canoeshed Lake in Hutt Twp. Felsic volcanic rocks and sedimentary rocks, intruded by ultramafic dikes, were intersected.
T-3550	Inco Exploration and Technical Services Inc.	1991 1993	Mapping, sampling and drilling in Hutt and Zavitz twps near Zavitz creek and Canoeshed Lake areas. A small syenite intrusion was mapped and a few gold anomalies were found.
T-3477	G.S.W. Bruce and Halladay Lorne	1992	Prospecting, mapping, rocks and soil sampling in the Comma Lake area (hutt Twp). Presence of anomalous gold values were highlighted in the Comma lake area.

2.0 GEOLOGY

2.1 Regional geology

The area is underlain by three cycles of volcanism (Hrabi and Helmstaedt 1990). The oldest cycle consists of a lower sequence of mafic to intermediate metavolcanic rocks of tholeiitic affinity (Beemer assemblage) and an upper sequence of intermediate to felsic metavolcanic rocks of calc-alkalic affinity (English assemblage). Discontinuous units of magnetite rich iron formations are found at several stratigraphic levels in the English assemblage. A sample from that same assemblage yielded a U-Pb zircon date of 2727+-1,5Ma (Corfu et al. 1989). That date indicates the English assemblage is one of the oldest in the mapped area.

The second oldest cycle of volcanism consists of magnesium- and iron-rich tholeiitic basalt and ultramafic volcanic rocks (Zavitz-Hutt assemblage). This assemblage overlies the English assemblage and the contact between them is marked by a narrow but lateraly extensive zone of high strain. This shear might be correlated with the Galer Lake Branch of Cadillac-Larder Lake Break interpreted by L.S. Jensen in Powell, Bannockburn and Montrose townships (Jensen 1996a,b,c). Late ultramafic sills intrude this structural contact. The old age of the English assemblage, compared with most of the metavolcanic rocks of the southern Abitibi Subprovince, is taken as evidence that the Zavitz-Hutt assemblage is younger than the English assemblage (Figure 3). In Zavitz Townships, the Zavitz-Hutt assemblage forms an east plunging syncline with an east to northeast trending axial trace, whereas in the Semple and Hutt townships, it forms several east to northeast trending anticline-syncline pairs. At the southern margin the assemblage faces south and is stratigraphically overlained by the Halliday assemblage.

The latest volcanic cycle predominantely consists of calc-alkalic intermediate to felsic metavolcanic rocks (Halliday assemblage)). Numerous late ultramafic sills intrude the volcanic package in the southern part of Midlothian and Halliday townships, near the Proterozoic sedimentary rocks of the Gowganda Formation which unconformably overlays the volcanic assemblage. In the northern part of Midlothian Township, the assemblage is marked by widespread iron carbonate alteration and a medium to strong foliation trending northeast. The Halliday assemblage is interpreted as a south facing homocline which lies conformably or disconformably above the Zavitz-Hutt assemblage. In contrast to the English assemblage, there are no units of iron formation in the Halliday package.

The Midlothian assemblage consists of Timiskaming type metasedimentary rocks, similar to those described by Lovell (1967) in the Matachewan area. Common facies include conglomerate, interbedded and cross-bedded sandstone and mudstone. The unit is folded into an upright syncline. The contact with surrounding metavolcanic rocks is poorly exposed and no clear depositional unconformity was ever found.

The Kenogamissi Batholith occupies the west half of the mapped area and is composed of biotite to hornblende tonalite, granodiorite and diorite. None of the phases of the batholith have been dated so far. Structural relationships, however, indicate that the biotite to hornblende tonalite is the oldest phase and is intruded by the younger granodiorite. The tonalite is highly strained at the contact with the granodiorite and along much of the contact with the metavolcanic rocks . Near the

batholith's margin, the metavolcanic rocks of the Beemer assemblage are metamorphosed to amphibolite facie and a mafic gneiss is developed where the primary structures are strongly flattened.

2.2 Property geology

The property geology can be divided into two (2) distinct volcanic sequences based on whole rock geochemistry (Figure 4). The sequences consist of a Northern Assemblage made of tholeiitic mafic volcanics and ultramafic volcanics (Zavitz-Hutt assemblage), and a Southern Assemblage made of calc-alkaline intermediate to felsic volcanics (English assemblage). The stratigraphy is oriented northeast, in the Comma Lake area, but its orientation changes west of the Wellington Lake fault towards the east, in the Zavitz Creek area. Younging direction is undetermined. Two (2) small syenitic intrusives occur at the contact between the two (2) volcanic assemblages in the middle of the property. Ultramafic sills intrude both volcanic assemblages. The Wellington Lake Fault cut the area in a northwest trend. Lithologies are displaced in an apparent senestral movement.

Northern Assemblage:

The Northern Assemblage consists mainly of pillowed to massive basaltic flows and ultramafic massive flows and volcanoclastites.

The basaltic rocks commonly consist of fine grained, dark green, massive to pillowed flows. Individual pillows have been deformed to the degree that their tops direction can no longer be recognized with confidence. The variolitic facies are present in the northeastern half of the property and may form a distinct unit.

The ultramafic volcanics commonly consist of medium grained, dark grey to black massive flows (locally spinifex textured), flow breccias and volcanoclastites. They weather chocolate brown. Polyhedral jointing locally gives the rock a brecciated appearance with subrounded, polyhedral fragments.

Southern Assemblage:

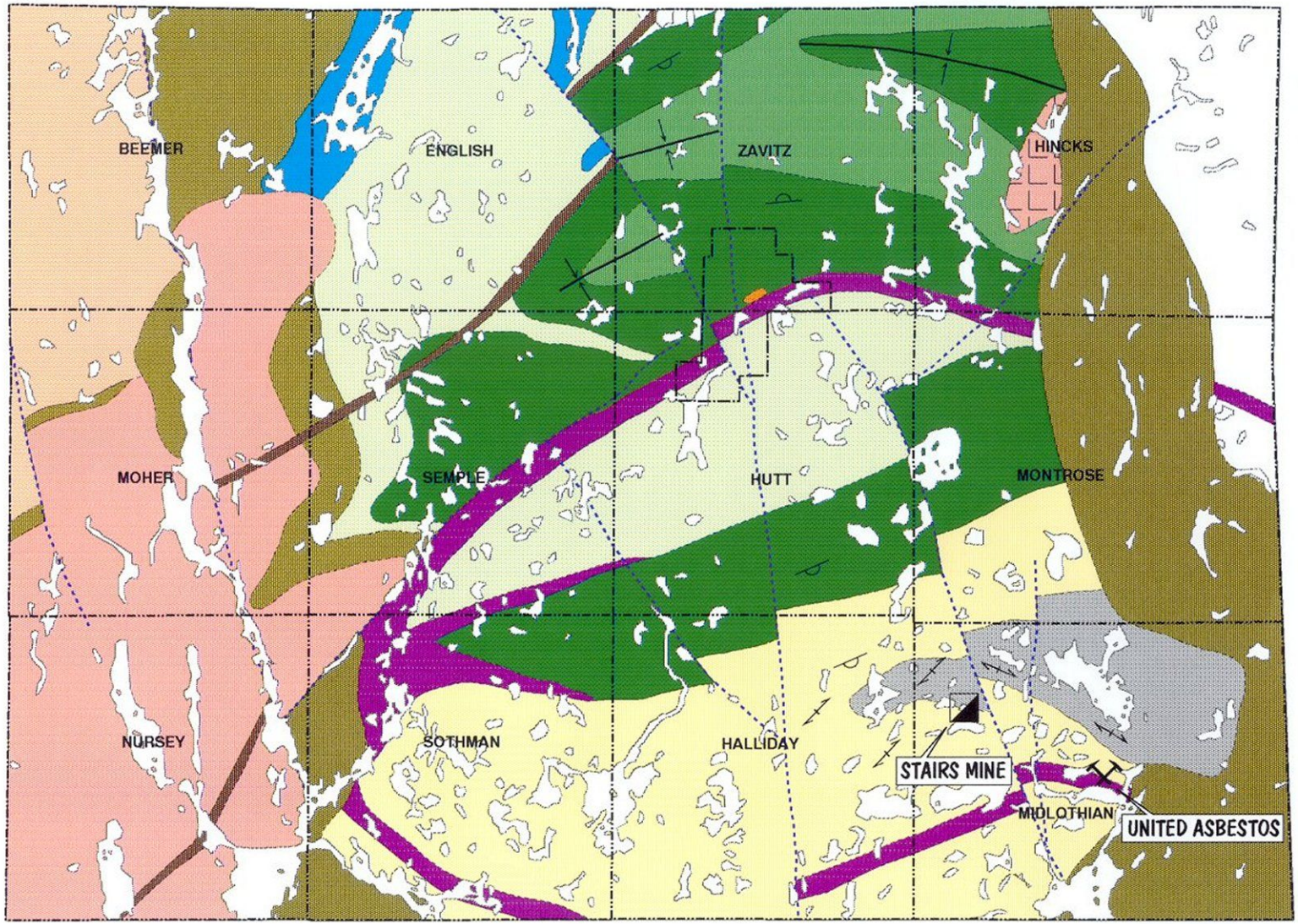
The Southern Assemblage consists mainly of massive (locally pillowed) dacitic flows and volcanoclastites. The dacitic flows are generally light green with a white to light grey weathered surface. Different volcanoclastites such as crystal, lapilli and lapilli to block tuffs were also mapped.

Intrusive rock:

Several types of intrusions occur on the property. These include mafic to ultramafic sills, diabase dikes, albitite dikes, syenitic and tonalitic intrusions.

The ultramafic sills occur mainly in the central portion of the property. They are coarse grained and generally featureless. Sometimes they exhibit orthogonal fracture patterns. They are strongly magnetic and are frequently serpentinized.

Two (2) small feldspar porphyritic syenite (magnetic) intrude the contact between the Northern Assemblage and the Southern Assemblage. Plagioclase occurs as phenocrysts (3-4mm) up to 30% of the rock volume. They have a reddish tint, due to pervasive hematization.



LEGEND

- *Proterozoic rocks*
- *Midlothian assemblage*
  - Timiskaming conglomerate
- *Late granodiorite intrusions*
- *Kenogamissi Batholith*
  - Granodiorite
  - Tonalite
- *Muskasenda mafic intrusion*
- *Halliday assemblage*
  - Felsic metavolcanics
- *Zavitz-Hutt assemblage*
  - Mg-tholeiitic metavolcanics
  - Fe-tholeiitic metavolcanics
- *English assemblage*
  - Interm. to felsic metavolcanics
- *Beemer assemblage*
  - Basalt
- *Late UM intrusive*
- *Diabase dike*
- *Syenite*
- *Fold-axial trace(syncline)*
- *Foliation*
- *Pillowed lava flow with top from shape*

0 10Km

1 : 20 000

[FIGURE-3.dsf]

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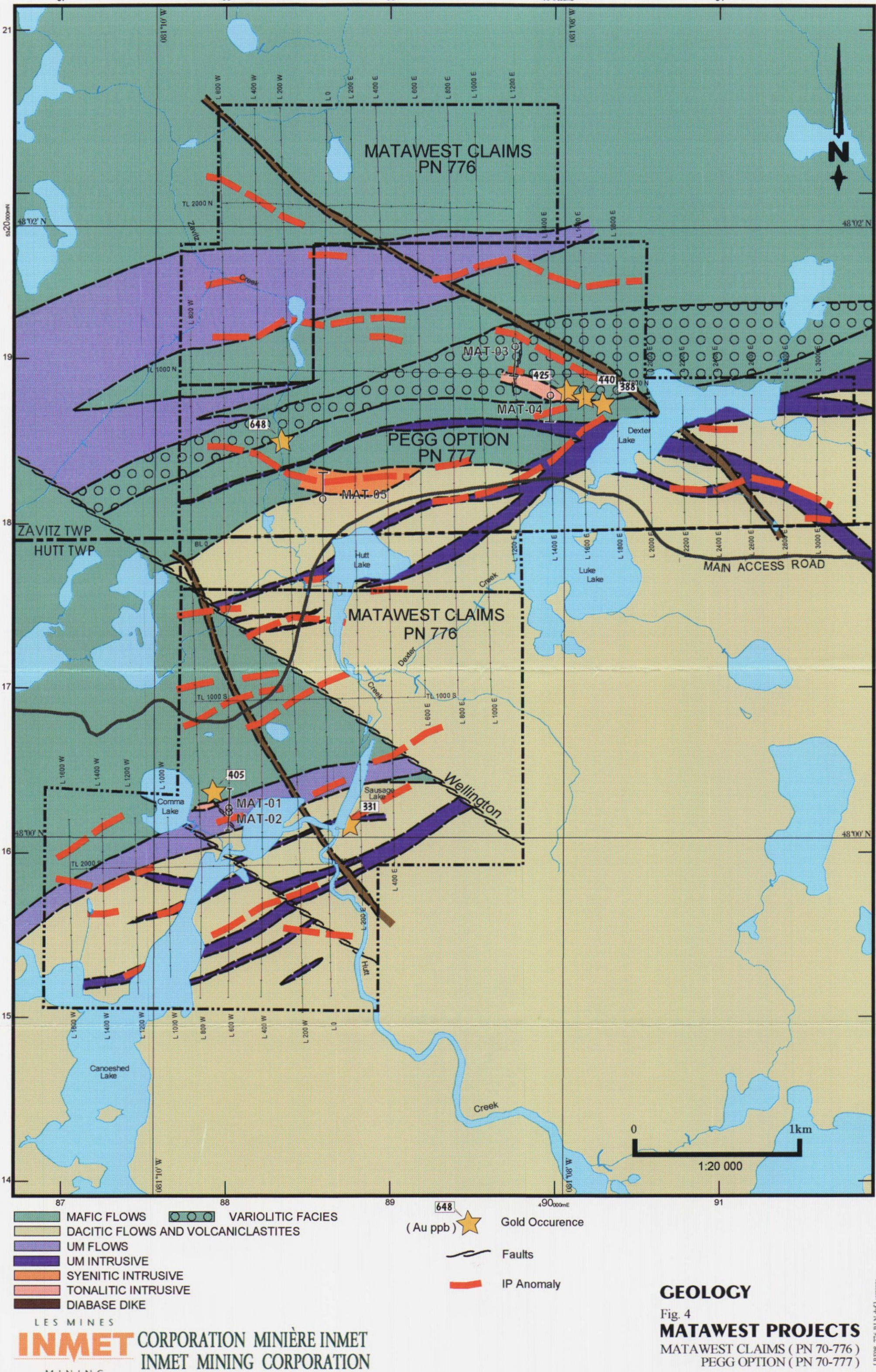
MATAWEST PROJET

REGIONAL GEOLOGY (modified from Hrabi and Helmstead 1990)

Figure 3

MATAWEST CLAIMS (PN 70-776)
PEGG OPTION (PN 70-777)



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GEOLOGY

Fig. 4

MATAWEST PROJECTS

MATAWEST CLAIMS (PN 70-776)
PEGG OPTION (PN 70-777)

[RP98_776-RLN.dsf] 19980824

Albitite dykes seem to be closely associated with ultramafic rocks since they mainly intrude the contacts between ultramafic rocks (volcanics and sills) and country rocks. These dykes are medium grey, fine to medium grained and typically have a "sugary" texture. The presence of fuchsitized ultramafic angular inclusions is also common. Their thickness varies from 30 centimetres to more than 5 metres.

Only one (1) diabase dyke was mapped in the field. It is strongly magnetic, medium to coarse grained and exhibits poecilitic textures.

3.0 SURFACE DIAMOND DRILLING

3.1 Work procedures and parameters

The initial drilling proposal consisted of five (5) holes totalling 1,050.0 metres. The first two (2) holes tested a combined chargeability / resistivity anomaly located close to the Comma Lake Gold Showing (grab samples returned up to 405 ppb Au). This occurrence lies close to a mafic / ultramafic interface which is pyritized, fuchsitized, albitized and sericitized. Due to the limited outcrop exposures and the absence of stratigraphical measurements (dips), the diamond drill holes MAT-01 and MAT-02 were drilled in a "scissor like" pattern. These two holes were drilled on the same line, overlapping by 25.0 metres and facing opposite directions.

Diamond drill holes MAT-03 and MAT-04 were set-up 200.0 metres east-west and 200.0 metres north-south from each other in a fence pattern. These tested a combined chargeability / resistivity anomaly in albitized variolitic basalts, near gold occurrence #2 (up to 425 ppb Au).

Diamond drill hole MAT-05 tested an induced polarization anomaly and a syenitic intrusive located at a mafic/ultramafic and intermediate volcanic interface.

For practical reasons during the drilling program, the drill hole sequence was as follow: MAT-01, MAT-02, MAT-05, MAT-04 and MAT-03. Since all these diamond drill holes were to be drilled, their identifications remained the same as the initial drilling proposal.

The implementation of this diamond drilling program followed recommendations from the 1997 Geological Mapping Survey and interpretation of real section induce polarization survey.

Following tender offerings, Perform Diamond Drilling was selected to conduct the surface diamond drilling program on the Matawest property. On June 1st, 1998, the drilling crew and machine were mobilized on site and actual drilling began in the afternoon. One (1) geologist was assigned to constant supervision of the drilling program and was responsible for the core logging and sampling. For this purpose a core shack was install for us at the Saw Mill Café. One (1) technician was hired for splitting the core and to assist the geologist. When required, half the split core was sent for analysis (whole rock, economic) at the Chemex Labs Ltd. in Timmins, Ontario. A total of 492 samples were sent for analysis from which 21 whole rocks and 471 economics (where 13 are Inmet's internal quality standards).

The five (5) diamond drill holes were completed on June 17th, 1998, for a total 1,082.85 metres (table 3). The deviation of the holes were systematically controlled by acid tests at every 50.0 metres and by the Tropari method at the bottom of each hole. All the personal that worked on this diamond drilling program were lodged at the Saw Mill Café.

3.2 Quality Control - Gold Assays

As part of normal procedures for quality control of assays, our staff has been instructed to incorporate routine 'standards' to all batches of drill core or rock samples which are to be sent to the laboratories performing assays for Inmet Mining Corporation.

Such 'standards' are already pulverized and bagged, and therefore will show up at the lab in the form of pulps. These pulps will have the same sequential numbers as rock samples or drill core samples. It is critical that these pulps be assayed: as part of the sample batch within which they are incorporated, with the same technique as the rest of the sample batch, and in accordance with the sequence number given to them (e.g. pulp # 200455 must be assayed between core samples # 200454 and # 200456). See Table 4: Assay results for the standards.

We assume that these additional quality control procedures will not detract commercial labs from carrying out their own internal quality control.

4.0 DIAMOND DRILLING RESULTS

MAT-01:

Diamond drill hole MAT-01, was implemented in order to test a combined chargeability/resistivity (high) anomaly located in proximity to the Comma Lake occurence. Grab samples from the area returned values of up to 405 ppb Au in fuchsitized and carbonatized (ankerite) altered ultramafic volcanics.

This drill hole (MAT-01), drilled towards the south, show a core angle which is consistent with north facing dip ranging from 60 to 70 degrees. The hole started in strongly carbonatized (Fe) and fuchsitized ultramafic rocks and successfully crossed the southern contact into siltstone sedimentary rocks. The ultramafics are also intruded by narrow mafic dykes, tonalitic feldspar porphyries (2) and one ultramafic sill.

The ultramafic flows are chemically part of the komatiitic suite and are fuchsitic green (bottle green) and light grey were affected by iron carbonate alteration. The textures are from generally brecciated with a quartz, magnesite and carbonate (ankerite-calcite) filled matrix alternating with locally massive intervals. The fragments within the breccia show a preferential alignment which parallels the lithological contacts (approximately east-west). This unit is affected by strong and somewhat pervasive fuchsitization and to a lesser degree by iron carbonate alterations where it affects the fragments within the breccia.

The nature and the composition of the greyish mafic dykes have been confirmed by whole rock analysis. These are strongly and pervasively altered by iron carbonate (ankerite) affecting also the ultramafic wall rocks. A quartz filled network of fine fractures (1-2mm/5-10%) appears to be associated with this carbonate alteration.

Mineralization consists of fine grained and generally disseminated pyrite in amount ranging from trace to 5%. The pyritization is stronger where fine fracturing and intense carbonatization occur. Coarser grained pyrite is also present within the fuchsitized ultramafic breccia in amounts ranging from trace to 5%, disseminated in the fragments, locally in the matrix and in the wall rock to the veins.

Two (2) tonalitic dykes intrude the ultramafic flows. The first one intrudes centrally to the ultramafic unit whereas the second one is located at the contact between the ultramafic and the

sedimentary unit. These tonalites are coarse grained, beige with a weak greenish tint and locally reddish color, exhibiting a massive porphyritic (Fp) texture. The alterations mostly consist of weak to moderate, yellowish to greenish, intergranular and pervasive sericitization. In the first intersected dyke, a moderate to strong, pervasive hematization is observed near it's lower contact and in the second unit hematization is absent.

These tonalites carry fine grained pyrite (trace to 3%) which are generally disseminated and also associated with veining.

An ultramafic sill also intrudes the flows. This sill is fine to medium grained, dark green and show a fractured and locally brecciated texture. This unit is also strongly magnetic. The alterations consist of weak fracture filling epidote, pervasive carbonate (calcite) and lesser hematite staining. The mineralizations consist of fine pyrite, disseminated or as blobs in carbonate veins and also traces to 1% of hematite and traces of chalcopyrite in a calcite vein.

This hole ended in a siltstone rock unit which is fine grained, finely bedded and homogeneous, greyish to black and locally light green where sericitized at the upper contact. Traces to locally 1% of pyrite was observed within this rock unit.

A narrow fault as been observed at a core lenght depth between 103.80-104.30 m (15ca). It is possible that this fault displaced the tonalitic dyke mapped on surface and which has not been intersected as expected by this hole (MAT-01). A tentative interpretation of this displacement would trend N310 showing a dextral movement of approximately 100 metres and running parallel to the "Comma Lake Fault".

Gold mineralization are low in general but nonetheless anomalous. The gold is found associated with pyrite in the carbonatized mafic dykes and the ultramafic wall rocks and with the massive tonalitic dyke. The best values obtained are outlined in Table 5.

Diamond drill hole MAT-01 also tested a partly outlined induce polarization anomaly located nearby the Comma Lake Showing. This anomaly can be explained by the presence of a massive tonalitic dyke that carries 3 to 4 % of fine grain and disseminated pyrite.

MAT-02:

Diamond drill hole MAT-02 was drilled towards the north, overlapping hole MAT-01 by 25 metres in a 'scissor like' fashion. This hole served in verifying and crossing the northern contact of the ultramafic flows (intersected by the upper described hole) with the basalts, located to the north. A north facing dip has also been determined from the drilling of these two holes, MAT-01 and MAT-02.

The fuchitized ultramafics and the iron carbonatized mafic dykes intersected by this drill hole are identical to the ones decribed above.

The basalts are fine grained, greenish-grey and are variolitic, pillowed showing massive to brecciated and hyaloclastic textures throughout. Whole rock analysis of these basalts show them to be part of the komatiite suite as with the ultramafics. Some of these massive portions, in the basalts, are possibly intrusive in nature and locally are porphyritic in leucoxene, with discret contacts.

The ankeritization alteration is strongest at the top of the hole in the fuchsitized ultramafic assemblage, decreasing down hole and overlapping the lithological contact into the basalts to the north. When the carbonate alteration is weaker, textures can be distinguished where the alteration

affects the core of the pillows and also the variolitic textures and locally the fragments within the brecciated portions. In this hole, the alteration envelope has been intersected for a core lenght of 180 metres. A tentative interpretation of the true width of this alteration envelope would be in the 60.0 to 80.0 metres wide. Chloritic alteration is present in the matrix, locally strong but generally confined to pillow selvages. This hole successfully drilled through this alteration envelope to end in unaltered basalts.

In these basalts, the mineralizations consist of fine, disseminated pyrite (2-5%) with traces of chalcopyrite which are associated with quatz-carbonate veining. The assayed core return values of 240 ppb Au and 170 ppb Au, both over 1.5 metres, from iron carbonatized basalts. Allthough these basalts returned only low gold values, they remain gold anomalous throughout the alteration envelope.

A few narrow tonalitic intrusives occur which all are of one (1) metre or less in width. These are fairly fresh rocks and carry 2 to 5% of fine and disseminated pyrite. These dykes are anomalous in gold returning values of 0.25 g/t.Au ang 0.67g/t.Au. both over 1.5 metres.

A small reddish Syenitic dyke has also been intersected; it is hematized throughout and carries up to 5% of fine and disseminated pyrite. This dyke returned only very weak gold values.

A fault seam has also been observed at 191.10 metres down hole showing a core angle of 20 degrees. This fault possibly trending has the one observed in the previous hole and possibly part of a series of lesser faults running parallel to the "Comma Lake Fault".

MAT-03

This hole was drilled 200.0 metres to the west and 200.0 metres to the north of hole MAT-04. This drilling was to test a chargeability/resistivity anomaly within albitized variolitic basalts located near the #2 gold occurence (425 ppb Au). This hole drilled in fence like fashion with MAT-04, also served in testing a lithological strike length of 400.0 metres.

The lithologies encountered by this hole are the variolitic basalts intruded by two (2) narrow syenitic dykes and a swarm of tonalitic dykes in the final portion of this drill hole.

The basalts are fine grain, medium green, variolitic, pillowed and massive. Narrow breccia horizons are also noted. These basalts are weakly magnetic. The carbonate (CC and Fe) and hematite alterations are weak and pervasive. Locally, the hematization can be strong where it affects the variolitic textures thus giving them a reddish "berry" appearence. Pyrite is in trace amount.

The two (2) syenitic dykes are coarse grain, massive, porphyric in feldspar and biotite and are reddish in color. The alterations are weak to moderate carbonatization (CC) and hematization, both pervasive. Pyrite is in trace amount, located near the contacts. However, these dykes do not carry any significant gold values.

The tonalitic dyke swarm is identical to the ones intersected at shallow depths by hole MAT-04. They are coarse grain, beige in color, massive and porphyritic in feldspar (<2mm / 20-30%) and locally exhibiting some mineralized and fuchitized xenoliths (<1cm / 1%) (which are also observed on surface outcrops). The alterations are weak in silica, sericite with lesser hematization.The fuchsitic alteration is restricted to the ultramafic fragments within the dykes. The wall rocks to these dykes can be intensely bleached, silicified and moderately sericitized over metres in widths. Whole rock sampling of the bleached basalts returned a Co2 value of 13.30%, strongly carbonatized

possibly ankeritization, similar to the affected lithologies in the first two holes.

Here, mineralization consist of fine, disseminated pyrite. This pyrite is either contained in the tonalites or in the bleached basaltic wall rocks in amounts varying from trace to locally 5 to 15%.

This northely dipping, gold anomalous dyke swarm corresponds to the targetted surface induce polarization anomaly. The best gold values obtained range from 100 ppb to 255 ppb Au over core lenght of 1.5 metres. (see table 5).

A fault is interpreted from surface observations during the drilling processes. This interpreted fault, trending at N010 would be cross-cutting this hole at approximately 183.0 - 185.0 metres down hole, through the tonalitic dyke swarm. The core corresponding to this interval is showing 15% of quartz filled fracturing and a narrow hydraulic breccia.

MAT-04:

This diamond drill hole was initiated in order to test an induce polarization anomaly in variolitic basalts near the gold occurence #4 where a grab sample returned a gold value of 388ppb.

The lithologies encountered are variolitic basalt flows intruded by a swarm of felsic tonalitic dykes in the first 40.0 metres of drilling followed by two narrow ultramafic sills further down the hole. Up-hole from the ultramafics, interflowed graphitic sediments are also lying within the basalts.

These basalts are fine grained, medium green, massive, pillowed and locally brecciated. The carbonate (CC and Fe) alterations are weak to moderate and pervasive with locally some epidotizations. Some massive and coarser grain mafics are also observed and these could be interpreted as fine grain gabbroic dykes. These massive dyke like textures can also be caused by contact metamorphism due to their proximity to the heat generating ultramafic sills.

The tonalitic dyke are massive, fine grained, porphyric in felspar (<2mm/10-15%), beige to brownish. They are weakly sericitic and chloritic. Strong silicification of the country rock is also noted where intruded by and in contact with these dykes. The dykes encountered by this diamond drill hole carry fine and disseminated pyrite (trace to 2%). In this hole, the tonalitic dyke swarm is weakly gold anomalous where the best result is (50 ppb Au / 1.5 m).

Narrow intervals of interflowed graphitic sediments occur with the basalts. These are fine grained, thinly bedded, black with graphitic glares or slips. The alterations consist of pervasive and moderate carbonatization (CC) and lesser sericitization. Mineralizations are of coarse grain (2-3 mm), automorphic and disseminated pyrite (trace to 2%). This graphitic unit, intersected at a vertical depth of 90.0 metres, coincides with the targetted surface induce polarization anomaly. These sediments are copper and zinc anomalous returning values of (146 ppm Cu / 269 ppm Zn over 12.0 metres) and within this interval the highest values are (325 ppm Cu / 1190 ppm Zn, both over the same interval of 1.5 metres).

The ultramafic sills are fine to coarser grained, light to medium to locally "bottle" green. The dip of this rock unit is interpreted as north facing. Textures are strongly brecciated with a quartz-magnesite plus calcite matrix. The alterations are of fuchsite and sericite near the contacts and weak, pervasive carbonatization (CC) in it's core. Sulphides occur as pyrite generally in trace amount. A small muddy fault seam is observed near the upper contact of the ultramafics. This fault appears to trend parallel to the lithological contact.

This hole showed only one weakly anomalous gold value of (110 ppb/1.5 metres), located in the basalts and wall rock to the two ultramafic intrusive dykes. Finally this hole was terminated in unaltered, pillowed basalt flows.

MAT-05:

This hole tested an induced polarization anomaly (I.P) which coincides with a syenitic body located at the interpreted contact between the mafic/ultramafic assemblage to the north and the felsic/intermediate assemblage to the south.

The lithologies encountered by this diamond drill hole are the dacites (andesite), the ultramafics and the large syenitic intrusive to end in basalts and minor argillites.

The first rock unit were mapped on surface as dacites. They are fine grained, brecciated in texture where the fragments are light green and the matrix is medium grey. The alteration consist of weak sericitization which affects pervasively the fragments within the breccia. One whole rock from the surface gave a titanium percentage of 0.6%TiO2. This number would put this rock closer to the andesitic range than to the previously determined dacitic field.

Within this above mentionned unit lies an ultramafic rock interval. These rocks are fine grained, dark green to black, massive in texture with 15 to 20% of fine fracturing filled with quartz-magnesite. The alteration is of talc which is weak and somewhat pervasive.

The Syenite intrusive is fine to coarse grained, medium grey-beige to reddish, massive and porphyritic in plagioclase (3-4mm/15-30%), weakly to moderately magnetic. The alterations consist of the dominant and pervasive hematization, stronger in the central core of the intrusive whereas the grey-beige sericite alteration is intergranular, pervasive and in fractures or wall rock to veins and veinets.

The mineralization are of fine and disseminated pyrite in amounts ranging from trace to 1%. Locally, close to the veins, the pyrite content may reach 2%.

This unit has been tested through it's complete width which is approximately 115.0 metres thick (true width).

The basalts are fine grained, medium to dark green, massive with narrow breccias and is non magnetic. Within these basalts is a 2 metres wide (c.lenght.) argillitic rock unit. This unit is thinly bedded and black. Also, thin interbedded graphite slips can be observed within these argillites.

The induced polarization anomaly is tentavely explained by the presence of fracturing and some shearing within the syenitic body, at a core lenght depth between 100.0 to 190.0 metres. This also coincides with strong hematitic alterations together with lesser sericite and minor chlorite. In this interval, the sulphide content increases locally near dykes and/or veins, where pyrite concentrations can range up to 5% Py and also by the presence (traces) of chalcopyrite in veinlets and some narrow sections carrying fine and disseminated hematite. Then again, this IP response possibly reflects the core of this massive syenitic intrusive and if so would be more extensive than previously thought. Induce polarization anomalies have been obtained for a strike lenght of one (1) kilometre.

This syenite has been systematically sampled throughout it`s entire width, succeeding only in returning weak gold values where the best assay returned (60 ppbAu / 1.5m).

5.0 CONCLUSION AND RECOMMENDATIONS

5.1 General conclusions

The 1998 diamond drilling campaign which includes five (5) holes for a total of 1,082.85 metres, was successfull in uncovering and distinguishing two types of gold mineralizations at the Matawest property. The first one lies within a broad iron carbonate (ankerite) alteration envelope associated with mafic dykes which carry fine grain pyrite together with a stockwerk of very fine quartz filled fractures. Further more this alteration envelope is seen straddling the contact between the komatiitic basalts to the north and the intensely fuchsitized ultramafic rock package to the south. The other source of gold on the property comes from the tonalitic feldspar porphyry dykes.

Diamond drill holes MAT-01 and MAT-02 intersected a lithological strike lenght of 260 metres, in the Comma Lake Showing area. The lithologies are towards the north, showing dips ranging from 60 and 70 degrees. The northern and southern contact of the ultramafic rocks have both been reached and crossed. A broad iron carbonate (ankerite) alteration envelope has been observed straddling the contact of the ultramafics with the basalts to the north. The core of this showing has been vertically tested to a depth of 50 metres and remains gold anomalous.

In hole MAT-01, the best composite gold values returned from this alteration envelope are 340 ppbAu/4.5m, 165ppbAu/1.85m, 192ppbAu/10.5m. which holds values of 480ppbAu/3.0m and 590ppbAu over 1.5m.

Diamond drill hole MAT-01 also tested a partly outlined induce polarization anomaly located nearby the Comma Lake Showing. This anomaly was explained by the presence of a massive tonalitic dyke that carries 3 to 4 % of fine grain and disseminated pyrite. This dyke returned a composite gold value of 92ppb Au/ 18.0 metres where the highest single assay is 345 ppb Au over 1.5metres.

A narrow fault was observed in the core of the first hole and is tentavely interpreted to trend parallel to the Comma Lake fault. This fault would bring an explaination for the presence of the wide tonalitic dyke in hole MAT-01 and it's absence where it was expected in hole MAT-02.

The best gold value from hole MAT-02 assayed 0.67 g/t Au over 1.5 metres and was obtained from a narrow tonalitic dyke within the basalts.

Diamond drill holes MAT-03 and MAT-04 were drilled to fence-in with each other. These two holes intersected a swarm of tonalitic dykes that intrude in variolitic basalts. These tonalitic dykes bleach the wall rock and carry fine and disseminated pyrite. Only diamond drill hole MAT-03 is gold anomalous, the difference being (with hole MAT-04) the increase amount of pyrite (up to 5%) and the interpreted cross-cutting N010 fault through the dyke swarm.

Whole rock analysis of the "bleach" rocks from holes MAT-01, MAT-02 and MAT-03 show an iron carbonate alteration (ankerite) where it was previously thought to be albitic in nature.

Diamond drill hole MAT-05 tested the large hematized syenitic intrusive throughout it`s entire width which corresponded to a weak induce polarization anomaly. The anomaly is tentatively explained by the presence of fracturing, quartz veining and some shearing within this rock unit. Pyrite (trace to 5%) and traces of chalcopyrite are also observed in this area. This syenite has been systematically sampled throughout it`s entire width, succeeding only in returning weak gold values where the best assay returned is 60 ppbAu over 1.5metres.

5.2 Recommendations

Recommendations for future work on the Matawest property consist of drill testing the strongly carbonatized (Fe), fuchsitized and pyritized ultramafic-mafic contact in the Comma Lake area. A first hole would be aimed at the induce polarization anomaly located on line 0+00E at station 15+50S. A second hole could be set-up to test at depth (150 to 200 metres below the surface) the core of the Comma Lake showing on line 8+00W at station 16+00S. All holes are to be drilled towards the south and dipping noless than -45 degrees.

This recommendation points to the general area of interest for further diamond drilling and the exact locations and costs of these future holes will be determined in a subsequent proposal prior to the drilling campaign.

Richard L. Nieminen B. Sc.
Project Geologist
Inmet Mining Corporation

10.0 REFERENCES

Bajc, A.F. 1996a. New Exploration Targets in the Peterlong Lake-Radisson Lake area, southern Abitibi Subprovince; Till, Lake Sediment and Lake water Sampling Programs; Ontario Geological Survey, Open File Report 5942, 129p.

Bajc, A.F. 1996b. Regional distribution of gold in till in the Peterlong Lake-Radisson Lake area, southern Abitibi Subprovince; potential exploration targets; Ontario Geological Survey, Open File Report 5941, 57p.

Bright, E.G. 1984. Geology of the Ferrier Lake-Canoeshed Lake Area; Ontario Geological Survey, Report 231, 60p.

Hrabi, R.B., Helmstaedt, H. 1990. Grant 359 Structural Geology and Stratigraphic Correlations in the Midlothian Lake-Peterlong Lake Area, Abitibi Subprovince; Geoscience Research Grant Program, Summary of Research 1990-1991, Ontario Geological Survey, Misc. paper 156, pp. 31-40.

Jensen, L.S. 1996a. Precambrian geology of Powell Township; Ontario Geological Survey, preliminary Map P.3356, scale 1:20 000.

Jensen, L.S. 1996b. Precambrian geology of Montrose Township; Ontario Geological Survey, preliminary Map P.3354, scale 1:20 000.

Jensen, L.S. 1996c. Precambrian geology of Bannockburn Township; Ontario Geological Survey, preliminary Map P.3355, scale 1:20 000.

Larouche, M-A. 1998. Geological survey report: Matawest property; Inmet Mining Corporation.

Lovell, H.L. 1967. Geology of the Matachewan Area; Ontario Department of Mines, Geological Report 51, 61p.

Pyke, D.R. 1973. Peterlong Lake Area, Districts of Timiskaming and Sudbury; Ontario Division of Mines, Preliminary Map P.810.

Pyke, D.R. 1978. Geology of Peterlong Lake Area, Districts of Timiskaming and Sudbury; Ontario Geological Survey, Report 171, 53p, Map 2345.

Rogers, M.C. 1995. Geological and exploration data compilation map of the Grassy River area; Ontario Geological Survey, Preliminary Map P.3343, scale 1:50 000.

Assessment Files - Resident Geologist Office - Timmins, Ontario.

STATEMENT OF QUALIFICATIONS

I, Richard L. Nieminen, living at: 165 Saguenay
Rouyn-Noranda
Quebec, J9X 2H2

Certify that:

I am a geologist employed by Inmet Mining Corporation, since May 25, 1995.

I am a graduate of Université du Québec à Montréal in geology (B.Sc.1990) and have practiced my profession continuously since 1991 to the present.

I hold a valid Ontario, MNDM Prospector's licence # 7272, expiration date: 2001 Nov28, CLN #300508.

Dated at Rouyn-Noranda, Québec this 30th day of July, 1998.

Richard L. Nieminen B. Sc.

TROU NUMERO: MAT-01

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 19/08/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: MATAWEST CLAIMS 776
NUMÉRO DU PROJET: 70-776
CLAIM: 1177279
LOCALISATION: NORD-EST ONTARIO

COORDONNÉES UTM: UTM-17 NAD27
NORD: 5316269.30mN
EST: 488020.30mE
ELEV: 351.00

COORDONNÉE GRILLE:
NORD: 16+50S
EST: 6+00W
ELEV: 351.00

PLONGÉE AU COLLET: -43° 0' 0"
LONGUEUR DU TROU: 175.80M
LONGUEUR DE DÉPART: 0.00M
LONGUEUR FINALE: 175.80M

AZIMUT AU COLLET: 180° 0' 0"

AZIMUT GRILLE: 180° 0' 0"

DEBUTÉ LE: 01/06/1998
TERMINÉ LE: 05/06/1998
JOURNAL LE: 05/06/1998

ARPENTAGE AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

PULSE EM SURVEY: NON
BOUCHON: NON
DIMENSION DE LA CAROTTE: BQ

CONTRACTEUR: FORAGE PERFORM
TUBAGE: OUI
ENTREPOSAGE: SAWMILL CAFE
COORD. UTM:

COMMENTAIRES:
PROFONDEUR DES COINS:

TESTS DE DEVIATION:

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
57.00	° ' "	-41° 0' 0"	ACID	OK	
100.00	° ' "	-41° 0' 0"	ACID	OK	
174.00	186° 0' 0"	-42° 0' 0"	TRO-PARI	OK	

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
-	-	-	-	-	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 5.50	«MT»	Mort-terrain Note: Le "casing" jusqu'à 6.1m.				
5.50 A 51.86	«VUM»	VOLCANITE ULTRAMAFIQUE Grain fin, vert "bouteille" à gris moyen, localement montre une texture pseudo-porphyrique due à l'altération en carbonate(Cb). Localement fortement à moyennement foliée. En général: Texture bréchique montrant des sections massives.		┤5.50-10.00├: «FC++» Fortement à intensément fuschitisée. Carbonatisée (Fe): faible et localisée dans les minces fractures et avec les veines de quartz-magnésite. Faible trace de séricitisation. ┤10.00-15.30├: «CB++» Fort à intense. Contact net donne l'apparence d'un dyke. Séricite en trace affectant quelques fragments. ┤15.30-20.15├: «FC+» Un peu de séricite dans les plans de foliation. Un horizon de 50cm fortement cabonatisé (Cb).	5.50-7.00: # 222301 Py (1%) automorphe, disséminée. Veine quartz-magnésite (1%). 7.00-8.50: # 222302 Py (tr) Veine + veinule Qz-Mn (2%). 8.50-10.00: # 222303 Py (tr-1%) fine + disséminée. Idem pour les veines. 10.00-11.50: # 222304 Py (3%) fine + disséminée. (≤ 2mm) ainsi que dans les fragments. 11.50-13.00: # 222305 Idem 13.00-14.50: # 222306 Idem 14.50-16.00: # 222307 Idem, sauf pour un intervalle de VUM fuschitisé renferme 5% pyrite associée à 10% de veinules de quartz-magnésite. 16.00-17.50: # 222308 Py (tr) V Qz-Mn (5%) 17.50-18.80: # 222309 Idem	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					18.80-19.30: # 222310 Py (tr)	
					19.30-20.15: # 222311 Py (tr-1%) dans les V.Qz-Mn.	
		20.15-39.25: Fracturée, quartz. (≤ 2mm/ 5-10%).		20.15-39.25: CB++ ┤20.15-26.50├: «CB++» Silicification: moyenne et pervasive. Séricitisation: faible à moyenne.	20.15-22.00: # 222312 Py (1%) associée aux V.Qz-Mn (1%).	
					22.00-23.50: # 222313 Py (1-5%) fine + disséminée, plus intense avec les veinules + fractures. (≤ 2mm / 5%)	
					23.50-25.00: # 222314 Py (2%) disséminée et en veinules (5%). Cp (tr) V.QZ.	
					25.00-26.50: # 222315 Py (1-2%) disséminée. V.QZ-Mn (3%).	
				┤26.50-28.00├: «CB++, SR++»	26.50-28.00: # 222316 Py (2-3%) disséminée et avec les veines Qz-Mn (5%).	
				┤28.00-39.25├: «CB++»	28.00-29.50: # 222317 Py (5% / ≤ 5mm). Veines et veinules (15%) dont une de 20cm qui est feldspathisée et massive.	
					29.50-31.00: # 222318 Py (3-5%) fine + disséminée. Plus grossière aux épontes d'une veine.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					V. Qz-Mn (5%).	
		31.30-31.70: F.P. dyke, massif, grenu, rosé. Tonalitique.		31.30-31.70: Feldspathisation: moyenne + pervasive.	31.00-32.50: # 222319 Py (1-2%) Dans le dyke:Py(1%) disséminée Hm(tr)	
					32.50-34.00: # 222320 Py (1-2%) fine et disséminée. V. Qz-Mn (4%)	
					34.00-35.50: # 222321 Py (tr)	
					35.50-37.00: # 222322 Py (tr-1%) associée aux fines fractures + Qz.	
					37.00-38.50: # 222323 Py (tr) Veine + veinule Qz-Mn (5%)	
					38.50-39.25: # 222324 Py (3-5%) V.Qz-Mn (40%).	
				┤39.25-44.90├: «FC»	39.25-41.00: # 222325 Py (tr) V.QZ (5%)	
					41.00-42.50: # 222326 Py (tr) V. Qz-Mn (10%)	
					42.50-44.00: # 222327 Py (tr) V. Qz-Mn (3%)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				┤44.90-47.00├: «FC++» 47.00-47.70: Carb FE++ dans les fractures. ┤47.70-51.86├: «SR++, SI++»	44.00-45.50: #5 222328 Py (tr) V.Qz-Mn (10%); Fc (20cm). 45.50-47.00: # 222329 Idem 47.00-48.50: # 222330 Idem 48.50-50.00: # 222331 Py (tr) près des veines de Qz-Mn (2%). 50.00-51.50: # 222332 Py (tr-1%) plus intense près des veines de quartz.	
51.86 A 65.70	«IFE FP»	DYKE FELSIQUE PORPHYRIQUE EN FELDSPATH Tonalitique, massif, grenu, beige verdâtre à rougeâtre.		┤51.86-60.00├: «SR» Intergranulaire et pervasive.	51.50-53.00: # 222333 Py (tr-1%) disséminée. V.QZ (2%) 53.00-54.50: # 222334 Py (1%), localement (3%). V.Qz (2%). 54.50-56.00: # 222335 Py (tr-1%) fine + disséminée V.Qz (3%). 56.00-57.50: # 222336 Py (1%) Idem V.Qz (3cm) 57.50-59.00: # 222337 Py (1%) V.Qz. (1%)	NOTE: Trace de chalcopyrite dans les veines de quartz.

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					59.00-60.50: # 222338 Py (1%)	
				┤60.00-65.70├: «HM+» Près du contact inférieur.	60.50-62.00: # 222339 Py (1-2%)	
					62.00-63.50: # 222340 Idem	
					63.50-65.00: # 222341 Py (1-3%) fine + disséminée.	
					65.00-66.50: # 222342 Py (1-5%) augmente vers le contact inférieur. Hm (2%) également près du contact inférieur. Localement semi-massive dans les veinules.	
65.70 A 68.40	«VUM»	VOLCANITE ULTRAMAFIQUE. (Idem à 5.5-51.86).		┤65.70-68.40├: «FC»	66.50-68.00: # 222343 Py (tr)	
68.40 A 83.00	«IUM»	INTRUSIF ULTRAMAFIQUE "Sill"; grain fin à moyen, vert foncé, fracturé et localement bréchique. Fortement magnétique.		┤68.40-83.00├: «EP, CC, HM»	68.00-69.50: # 222344 Py (1%) Hm, Cp (tr-1%) dans une veinule de CC.	
					69.50-71.00: # 222345 Py: semi-massive aux épontes de veinules de Qz-Cb (3mm). Hm: semi-massive / amas dans les veinules de CC (1%).	
83.00 A 113.70	«VUM»	VOLCANITE ULTRAMAFIQUE Grain fin, vert foncé à noir aspect bréchique localement. Idem à 5.50-51.86. Recoupé par de nombreux dykes étroits de syénite rougeâtres (hématisée) de puissance ≤1mètre (15%)		┤83.00-113.70├: «TC» Talc: faible, pervasif.	71.00-72.50: # 222346 Py (2%)	
					72.50-74.00: # 222347 Py (tr)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					74.00-75.50: # 222348 Py (tr-1%)	
					75.50-77.00: # 222349 Py (1-2%)	
					77.00-78.50: # 222350 Py (4-5%) épontes de veinules de quartz.	
					78.50-80.00: # 222351 Py (2%) fine + disséminée.	
					80.00-81.50: # 222352 Py (tr-1%)	
					81.50-83.00: # 222353 Py (tr-1%)	
					83.00-84.50: # 222354	
					84.50-86.00: # 222355	
					86.00-87.50: # 222356 Py (3-5%) Syénite.	
					87.50-89.00: # 222357 Py (2%) Syénite.	
					89.00-90.50: # 222358 Py (2%) Syénite.	
					90.50-92.00: # 222359 Py (tr) Syénite	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					92.00-93.50: # 222360 Py (tr) VUM	
					93.50-95.00: # 222361 Py (tr) Syénite.	
					95.00-96.50: # 222362 Idem	
					96.50-98.00: # 222363	
					98.00-99.50: # 222364	
					99.50-101.50: # 222365	
					101.00-102.50: # 222366 Py (tr) grossière (5mm) automorphe.	
		⌊103.80-104.30⌋: «FAI»	15°		102.50-104.00: # 222367 Py (tr); Py (1%) syénite.	
					104.00-105.50: # 222368 Py (tr)	
					105.50-107.00: # 222369 Idem	
					107.00-108.50: # 222370 Py (tr-1%)	
					108.50-110.00: # 222371 Py (1%) syénite.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					110.00-111.50: # 222372 Py (tr) 111.50-113.00: # 222373 Py (tr-1%).	
113.70 A 116.95	«IFE FP»	DYKE FELSIQUE PORPHYRIQUE EN FELDSPATH Tonalitique. Idem à 51.86-65.70. 113.80-114.00: V.QZ blanche, massive (autre veine de quartz, (<2cm /10%)).		Idem, moins l'hématisation.	113.00-114.50: # 222374 Py (tr-1%) 114.50-116.00: # 222375 Py (1%) 116.00-117.50: # 222376 Py (1%)	
116.95 A 175.80	«SLT»	SÉDIMENT / SILTSTONE Grain fin, gris à noir, localement vert pâle, finement lithé, homogène. Veinules de quartz-calcite (3-5%). [120.20-121.00]: «IFE FP» Idem (tonalitique).		[116.95-127.00]: «SR+» Séricitisation moyennement forte, pervasive. CC: faible.	117.50-119.00: # 222377 Py (tr) 119.00-120.20: # 222378 Py (tr) 120.20-121.50: # 222379 Py (1%) 121.50-123.00: # 222380 Py (tr) 123.00-124.50: # 222381 Py (tr) près des V.Qz. 144.00-145.50: # 222382 Py (tr-1%) grossière automorphe. 155.50-157.00: # 222383 Py (tr) semi-massive en veinules.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Standard: # 222384 INMET # 4	
		167.00-167.25: Dyke mafique, gris moyen, massif, grenu.			167.00-168.50: # 222385 Py (1%) Veinules de calcite (2%).	
					174.50-175.80: # 222386 Py (tr-1%) suivant les minces lits; placage auto à submorphique.	
175.80 A 175.80		Fin du trou (5 juin 1998)				

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222301	5.50	7.00	1.50	45	26	2	0.2	5	1	10	2
222302	7.00	8.50	1.50	86	22	2	0.2	5	1	6	2
222303	8.50	10.00	1.50	45	34	2	0.2	5	6	2	2
222304	10.00	11.50	1.50	41	36	6	0.2	285	2	2	2
222305	11.50	13.00	1.50	16	36	2	0.2	360	3	2	2
222306	13.00	14.50	1.50	31	38	2	0.2	375	2	2	2
222307	14.50	16.00	1.50	31	34	2	0.2	5	1	2	2
222308	16.00	17.50	1.50	37	20	2	0.2	5	1	2	2
222309	17.50	18.80	1.30	24	42	2	0.2	10	1	6	2
222310	18.80	19.30	0.50	77	54	2	0.2	5	1	2	2
222311	19.30	20.15	0.85	43	44	2	0.2	5	4	2	2
222312	20.15	22.00	1.85	100	84	6	0.2	165	9	2	2
222313	22.00	23.50	1.50	95	130	6	0.2	5	7	10	2
222314	23.50	25.00	1.50	102	106	2	0.2	5	8	10	2
222315	25.00	26.50	1.50	88	88	2	0.2	5	4	2	2
222316	26.50	28.00	1.50	285	588	2	0.2	5	15	22	2
222317	28.00	29.50	1.50	132	60	4	0.2	590	4	8	2
222318	29.50	31.00	1.50	104	86	4	0.2	370	12	6	2
222319	31.00	32.50	1.50	84	98	2	0.2	120	8	2	2
222320	32.50	34.00	1.50	78	94	2	0.2	75	10	2	2
222321	34.00	35.50	1.50	100	150	2	0.2	10	6	8	2
222322	35.50	37.00	1.50	111	146	2	0.2	5	5	24	2
222323	37.00	38.50	1.50	101	190	2	0.2	180	8	14	2
222324	38.50	39.25	0.75	101	202	2	0.2	5	18	24	2
222325	39.25	41.00	1.75	35	40	2	0.2	5	23	22	2
222326	41.00	42.50	1.50	40	30	2	0.2	5	3	2	2
222327	42.50	44.00	1.50	32	22	2	0.2	5	1	2	2
222328	44.00	45.50	1.50	39	42	6	0.2	5	1	2	2
222329	45.50	47.00	1.50	40	64	2	0.2	5	3	10	2
222330	47.00	48.50	1.50	90	68	2	0.2	5	4	6	2
222331	48.50	50.00	1.50	124	120	2	0.2	120	6	8	2
222332	50.00	51.50	1.50	137	98	2	0.2	255	6	16	2
222333	51.50	53.00	1.50	63	54	2	0.2	10	9	2	2
222334	53.00	54.50	1.50	30	40	6	0.2	55	22	2	2
222335	54.50	56.00	1.50	13	30	8	0.2	20	7	2	2
222336	56.00	57.50	1.50	24	32	4	0.2	25	2	2	2
222337	57.50	59.00	1.50	25	38	2	0.2	20	3	2	2
222338	59.00	60.50	1.50	45	46	2	0.2	30	4	2	2
222339	60.50	62.00	1.50	97	36	2	0.2	70	2	2	2
222340	62.00	63.50	1.50	53	40	2	0.2	35	3	2	2
222341	63.50	65.00	1.50	78	34	4	0.2	120	1	2	2
222342	65.00	66.50	1.50	183	64	2	2	345	28	2	2
222343	66.50	68.00	1.50	28	56	4	0.2	15	10	2	2
222344	68.00	69.50	1.50	65	118	2	0.2	15	1	2	2
222345	69.50	71.00	1.50	100	156	4	0.2	5	9	2	4
222346	71.00	72.50	1.50	111	150	4	0.2	10	4	2	2
222347	72.50	74.00	1.50	114	146	2	0.2	15	3	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222348	74.00	75.50	1.50	91	138	2	0.2	5	7	2	2
222349	75.50	77.00	1.50	104	138	2	0.2	5	9	2	2
222350	77.00	78.50	1.50	98	146	2	0.2	5	4	2	2
222351	78.50	80.00	1.50	84	98	8	0.2	25	4	2	2
222352	80.00	81.50	1.50	56	64	2	0.2	5	4	2	2
222353	81.50	83.00	1.50	134	142	4	0.2	5	4	2	2
222354	83.00	84.50	1.50	27	20	2	0.2	5	1	2	2
222355	84.50	86.00	1.50	36	16	2	0.2	5	1	2	2
222356	86.00	87.50	1.50	40	78	18	0.6	125	24	2	2
222357	87.50	89.00	1.50	45	70	8	0.2	35	30	2	2
222358	89.00	90.50	1.50	42	44	12	0.2	5	26	2	2
222359	90.50	92.00	1.50	49	44	6	0.2	5	4	4	2
222360	92.00	93.50	1.50	29	20	2	0.2	5	1	4	2
222361	93.50	95.00	1.50	49	50	36	0.2	5	1	2	4
222362	95.00	96.50	1.50	48	26	2	0.2	5	1	2	2
222363	96.50	98.00	1.50	40	36	6	0.2	5	1	2	2
222364	98.00	99.50	1.50	45	26	2	0.2	5	1	2	4
222365	99.50	101.00	1.50	34	26	2	0.2	5	1	2	2
222366	101.00	102.50	1.50	46	20	2	0.2	5	8	6	2
222367	102.50	104.00	1.50	46	32	10	0.2	5	1	2	2
222368	104.00	105.50	1.50	40	20	4	0.2	5	1	8	2
222369	105.50	107.00	1.50	43	24	2	0.2	5	1	6	4
222370	107.00	108.50	1.50	34	30	6	0.2	5	1	6	2
222371	108.50	110.00	1.50	64	52	6	0.2	5	1	2	6
222372	110.00	111.50	1.50	46	44	6	0.2	5	1	2	2
222373	111.50	113.00	1.50	45	60	4	0.2	5	147	2	2
222374	113.00	114.50	1.50	38	36	8	0.2	5	290	2	2
222375	114.50	116.00	1.50	16	26	10	0.2	5	47	2	2
222376	116.00	117.50	1.50	122	50	18	0.2	30	15	10	2
222377	117.50	119.00	1.50	95	96	2	0.2	5	25	54	2
222378	119.00	120.20	1.20	104	62	10	0.2	5	7	82	2
222379	120.20	121.50	1.30	34	42	28	0.6	40	191	16	2
222380	121.50	123.00	1.50	117	72	16	0.4	30	4	134	2
222381	123.00	124.50	1.50	103	126	8	0.2	5	51	90	2
222382	144.00	145.50	1.50	109	174	8	0.2	5	4	14	2
222383	155.50	157.00	1.50	72	116	8	0.2	10	10	2	2
222385	167.00	168.50	1.50	147	302	26	0.2	10	5	26	2
222386	174.50	175.80	1.30	100	162	12	0.2	20	4	48	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	10.00	14.50	4.50	29	37	3	0.2	340	2	2	2
MOY.	28.00	38.50	10.50	101	118	3	0.2	193	8	9	2
MOY.	48.50	66.50	18.00	73	53	3	0.3	92	8	4	2

TROU NUMERO: MAT-02

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 20/08/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: MATAWEST CLAIMS 776
NUMÉRO DU PROJET: 70-776
CLAIM: 1197279 & 1177274
LOCALISATION: NORD-EST ONTARIO

COORDONNÉES UTM: UTM-17 NAD27
NORD: 5316244.30mN
EST: 488020.50mE
ELEV: 348.00

AZIMUT AU COLLET: 360° 0' 0"

COORDONNÉE GRILLE:
NORD: 16+75S
EST: 6+00W
ELEV: 348.00

AZIMUT GRILLE: 360° 0' 0"

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 200.45M
LONGUEUR DE DÉPART: 0.00M
LONGEUR FINALE: 200.45M

DEBUTÉ LE: 05/06/1998
TERMINÉ LE: 07/06/1998
JOURNAL LE: 08/06/1998

ARPENTAGE AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

PULSE EM SURVEY: NON
BOUCHON: NON
DIMENSION DE LA CAROTTE: BQ

CONTRACTEUR: FORAGE PERFORM
TUBAGE: OUI
ENTREPOSAGE: SAWMILL CAFE
COORD. UTM:

COMMENTAIRES:
PROFONDEUR DES COINS:

TESTS DE DEVIATION:

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
50.00	° ' "	-45° 0' 0"	ACID	OK	
100.00	° ' "	-45° 0' 0"	ACID	OK	
150.00	° ' "	-45° 0' 0"	ACID	OK	
199.00	2° 0' 0"	-44° 0' 0"	TRO-PARI	OK	

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
-	-	-	-	-	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 2.10	«MT»	Mort-terrain / overburden				
2.10 A 56.70	«VUM»	VOLCANITE ULTRAMAFIQUE Grain fin, de gris moyen à noir-verdâtre pour les 15 premiers mètres et vert "bouteille" pour la suite. Texture bréchique dominante et des horizons massifs montrant une texture pseudo-porphyrique due à l'effet d'altération. L'orientation préférentielle des fragments de la brèche est subparallèle à l'axe de la carotte. La matrice de la brèche se compose essentiellement de quartz-calcite-magnésite. NOTE: Le contact inférieur est masqué par la forte altération en carbonate (Fe) et de ce fait est interprété et approximatif.		2.10-8.50: Carbonatisation Fe. Percolation de surface. ⌊8.50-10.75⌋: «CB++» Carbonatisation (Cb) pervasive, gris beige, on peut observer le front d'altération affectant la roche massive. ⌊10.75-12.80⌋: «FC, CB» La fuschite aux abords des fragments donnant un aspect pseudo-porphyrique. ⌊12.80-18.00⌋: «CB++» L'altération s'intensifie en profondeur. 30cm de brèche fuschitisée. On peut observer de petits micas verts dans la partie la plus carbonatée et massive (3-5% mica).	2.10-4.00: # 222387 Py (tr) 4.00-5.50: # 222388 Py (tr) 5.50-7.00: # 222389 Py (tr) 7.00-8.50: # 222390 Py (tr) 8.50-10.00: # 222391 Py (tr-1%) fine + disséminée avec la carbonatisation. 10.00-11.50: # 222392 Idem 11.50-13.00: # 222393 Idem 13.00-14.50: # 222394 Idem 14.50-16.00: # 222395 Py (tr) 16.00-17.50: # 222396 Nil	NOTE: 2.10-3.10: Perte de carotte, broyée (0.8m) 10.00-11.00: # 70197 Litho

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					17.50-19.00: # 222397 Py (tr)	
				┤18.00-25.35├: «FC++» De moyen à fort. Les fragments quelque peu carbonatisées (fe) sont masqués par la fuschite. (Idem à 10.75-12.80)	19.00-20.50: # 222398 Py (1%) Dans la matrice de quartz-carbonate (calcite)- magnésite. 20.50-22.00: # 222399 Idem Standard: # 222400 CANMET: MA2b 22.00-23.50: # 222401 Cp (tr) dans une veine de quartz-magnésite (10cm) 23.50-25.00: # 222402 Py (tr) Magnétite (tr) très fine, disséminée.	19.00-20.00: # 70199 Litho
				┤25.35-27.20├: «CB+» Idem à 12.80-18.00. Quelques fragments sont présent et carbonatisés totalement.	25.00-26.50: # 222403 Py (tr-1%) 26.50-28.00: # 222404 Py (1%) dans la brèche.	
				┤27.20-27.90├: «FC++» Texture bréchique. ┤27.90-29.30├: «CB++»	28.00-29.50: # 222405 Py (tr-1%)	28.00-29.00: # 70200 Litho

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				NOTE: Les contacts d'altération sont de plus en plus nets en profondeur donnant un aspect intrusif (dyke).		
				┤29.30-32.30├: «FC++»	29.50-31.00: # 222406 Idem	29.20-30.50: # 70196 Litho
					31.00-32.20: # 222407 Py (1%).	
		32.20-33.50: Finement fracturée (1-2mm/5%) avec quartz. Quelques veines de quartz blanches, massives + magnésites. (≤ 10cm). Pourrait-être décrit comme étant un dyke d'albitite (comme dans MAT-01).		┤32.30-33.80├: «CB++, SR» Intense carbonatisation, faible séricitisation. Contact subparallèle à A.C.	32.20-33.50: # 222408 Py (2-3%) automorphe, disséminée et avec le quartz.	
				┤33.80-54.20├: «FC++» Affectant les fragments qui sont eux-mêmes faiblement carbonatés donnant une texture pseudo-porphyrique qui est partiellement à totalement masquée par la fuschite.	33.50-35.00: # 222409 Py (tr).	
		35.45-35.50: v. quartz + magnésite.			35.00-36.50: # 222410 Py (tr)	
					36.50-38.00: # 222411 Py (1%)	
					38.00-39.50: # 222412 (Py) (tr-1%)	
					39.50-41.00: # 222413 Py (tr-1%)	
		40.12-40.15: V. quartz-magnésite.				
		40.72-40.84: V. quartz-magnésite.			41.00-42.50: # 222414	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Py (1%)	
					42.50-44.00: # 222415 Py (1%)	
					44.00-45.50: # 222416 Py (tr-1%)	
					45.50-47.00: # 222417 Idem	
					47.00-48.50: # 222418 Idem	
					48.50-50.00: # 222419 Idem	
						49.50-50.50: # 70201 Litho
					50.00-51.50: # 222420 Idem	
					51.50-53.00: # 222421 Idem	
					53.00-54.20: # 222422 Py (tr)	54.00-55.00: # 70202 Litho
				[54.20-56.70]: «CB++» Intense et pervasive.	54.20-55.50: # 222423 Py (1-2%) fine, automorphe, disséminée.	
56.70 A 200.45	«BAS»	BASALTE Grain fin, vert moyen, bréchique (brèche de coulée), massif et possiblement coussiné variolaire ainsi que des hyaloclastites.		[56.70-59.00]: «CB++» Intense et pervasif pour le premier mètre. Diminuant d'intensité pour l'autre partie de l'intervalle.	55.50-57.00: # 222424 Py (1-3%) idem. 57.00-58.50: # 222425 Py (1-3%) idem.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		54.20-77.00: Les textures vont de massives à quelque peu bréchiques et fracturées (fracture de puissance (≤ 2mm) d'orientation diverses. Les veines de quartz-magnésite comptent pour (10%), dont les majeurs sont notées: 64.80-65.15: 66.00-66.05: 66.45-66.50: 70.70-70.75: 71.80-71.95: Tous massives.		⎧59.00-64.00⎫: «CL+, CB+» La chlorite vert foncé domine sur la carbonatisation. Quelques traces d'hématisation avec la carbonatisation. ⎧64.00-77.00⎫: «CB++» Plutôt pervasive et localement très intense. Gris beige.	58.50-60.00: # 222426 Py (2-3%) idem. 60.00-61.50: # 222427 Py (1-2%) idem. Cp (tr) dans de fines veinules de Qz-CB. 61.50-63.00: # 222428 Py (2-3%) idem. 63.00-64.50: # 222429 Py (1%) idem. Standard: # 222430 INMET # 5 64.50-66.00: # 222431 Py (3-5%) automorphe (< ou = 3mm) disséminée. 66.00-67.50: # 222432 Py (tr-1%) fine, disséminée. 67.50-69.00: # 222433 Py (tr-1%) idem. 69.00-70.50: # 222434 Idem 70.50-72.00: # 222435 Idem 72.00-73.50: # 222436 Py (1%) fine + disséminée.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					73.50-75.00: # 222437 Py (2-3%) (< ou = 1mm), disséminée.	
		77.00-100.00: Texture massive (vum), vert foncé, quelques sections bréchiques.		⌊77.00-80.80⌋: «CL» Faible chloritisation, pervasive.	75.00-76.50: # 222438 Py (tr-1%). 76.50-78.00: # 222439 Py (tr) 78.00-79.50: # 222440 Py (tr)	
				⌊80.80-85.10⌋: «CB+» Moyenne et pervasive.	79.50-81.00: # 222441 Idem 81.00-82.50: # 222442 Py (tr-1%) très fine + disséminée (10% Py) sur 10cm.	
		De 83.00-83.52: F.P. DYKE Grenu, blanc gris, massif (Tonalitique).	45 70		82.50-84.00: # 222443 Py (tr-1%) Trace, fines veinules quartz (3-4%) Py dans le dyke. 84.00-85.50: # 222444 Py (tr).	
				⌊85.10-92.00⌋: «CC» Roche fraîche; très faible.	85.50-87.00: # 222445 Py (1%) < ou = 3mm, disséminée. 87.00-88.50: # 222446 Py (1-2%) idem. 88.50-90.00: # 222447	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Py (2%), veinules QZ+CC (5%).	
					90.00-91.50: # 222448 Py (4-5%)	
				⌊92.00-94.25⌋: «CB+» Affectant les fragments et pervasive dans la partie massive.	91.50-93.00: # 222449 Py (4-5%)	
					93.00-94.50: # 222450 Py (5%)	
				⌊94.25-100.00⌋: «CB» Très faiblement carbonatée. A la loupe on peut voir un début de carbonatisation s'exprimant en texture pseudo- porphyrique. "Mouchetée" de carbonate (<1mm) (20%).	94.50-96.00: # 222451 Py (10%)	
					96.00-97.50: # 222452 Py (10%) V.QZ-CC (5%)	
					97.50-99.00: # 222453 Py (15%)	
		100.00-109.50: Varioles ou fragments, localement.			99.00-100.50: # 222454 Idem	
				⌊100.00-109.50⌋: «CB++, CL+» La carbonatisation est forte et pervasive dans les parties massives. Dans les horizons bréchiques les fragments y sont "consommés" totalement ou en partie. La chloritisation va de faible à forte affectant la matrice là ou il y a peu ou absence de fragment. (≤ 30cm, d'intervalle). Elle est vert foncé et se raie facilement.	100.50-102.00: # 222455 Py (3-5%) fine + disséminée.	
					102.00-103.50: # 222456 Py (3-5%) Fines fractures + quartz (1%).	
					103.50-105.00: # 222457 Py (3%) fine à grossière, disséminée.	
					105.00-106.50: # 222458	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Py (1-2%) fine + disséminée. Fines fractures + quartz (3%).	
					106.50-108.00: # 222459 Py (2%) fines fracturse + quartz + CL (tr).	
					Standard: # 222460 CANMET: MA3A	
		109.50-110.55: F.P. DYKE Rosé, grenu, massif. Texture porphyrique diffuse en son centre.			108.00-109.50: # 222461 Py (1%) faiblement fracturée.	
			70	┤109.50-110.55├: «FP»	109.50-111.00: # 222462 Py (3-5%) fine + disséminée avec la carbonatisation. Plus grossière dans le dyke. Hm (tr-1%) F.P. dyke.	
			60			
				┤110.55-115.00├: «CL, CB»	111.00-112.00: # 222463 Py (10%) de fine à plus grossière (≤ 3mm). V. QZ + CC (3-5%).	
					112.50-114.00: # 222464 Py (10%) idem.	
					114.00-115.50: # 222465 Py (5%) Veinules QZ-CC (5%).	
				┤115.00-118.50├: «CB+» Affectant pervasivement les parties massives ainsi que les fragments de la brèche.	115.50-117.00: # 222466 Py (3-5%) Fracture (1%).	
		118.50-135.00: Texture faiblement bréchique. (5%) V. QZ-CC			117.00-118.50: # 222467 Py (tr-1%) Veinules + fractures Qz-CC (2%).	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				┤118.50-135.00├: «CL CB» Les deux types d'altération sont présentes mais assez faibles. La chlorite semble affectée la matrice et la carbonatisation les fragments.	118.50-120.00: # 222468 Py (tr) 120.00-121.50: # 222469 Py (tr) disséminée + quelques amas (<1cm). 121.50-123.00: # 222470 Py (tr) 123.00-124.50: # 222471 Idem 124.50-126.00: # 222472 Idem 126.00-127.50: # 222473 Idem 127.50-129.00: # 222474 Idem 129.00-130.50: # 222475 Idem 130.50-132.00: # 222476 Idem 132.00-133.50: # 222477 Idem 133.50-135.00: # 222478 Py (tr-1%).	
		135.00-139.00: Texture bréchique (5%) V.QZ-CC.				

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				⌊135.00-139.00⌋: «CB+, CL» Idem, mais plus intense.	135.00-136.50: # 222479 Py (20%) Concentré avec le quartz (veine) ou disséminée dans la roche. 136.50-138.00: # 222480 Py (2%) Idem disposition	
		139.00-167.00: Texture faiblement bréchique.			138.00-139.50: # 222481 Py (tr)	
				⌊139.00-167.00⌋: «CB, CL» Faible, idem à 118.50-135.00	139.50-141.00: # 222482 Py (1%) Hm et Cp (tr) dans une veinule de CC 141.00-142.50: # 222483 Py (tr) 142.50-144.00: # 222484 Py (1%) 144.00-145.50: # 222485 Py (tr) 145.50-147.00: # 222486 Idem 147.00-148.50: # 222487 Py (tr), Hm (tr) 148.50-150.00: # 222488 Py (tr) 150.00-151.50: # 222489 Py (1%). Aux épontes d'une V.QZ (2cm) +carbonatisation. Localement (10-15%) Py.	145.00-146.50: # 70198 Litho

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Standard: # 222490 INMET # 4	
					151.50-153.00: # 222491 Py (tr)	
					153.00-154.50: # 222492 Py (tr), Hm (tr)	
					154.50-156.00: # 222493 Py (1%), disséminée ainsi qu'en veinule semi-massive (2mm) V.QZ-CC (2%).	
					156.00-157.50: # 222494 Py (tr)	
					157.50-159.00: # 222495 Py (tr), V.QZ-CC (3%).	
				NOTE: 159.00-162.00: La carbonatisation est un peu plus forte. La chloritisation dans les fractures également.	159.00-160.50; # 222496 Py (1%) disséminée près des V.QZ+CC avec de la carbonatisation. Fracture (5%)	
					160.50-162.00: # 222497 Py (tr), V.QZ-CC (3%).	
					162.00-163.50: # 222498 Idem	
					163.50-165.00: # 222499 Idem	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		167.00-196.30: Texture plus massive quelque peu fracturée.			165.00-166.50: # 222500 Py (1%) V.QZ-CC (4%).	
				┤167.00-174.20├: «Hm, CB»	166.50-168.00: # 221401 Py (tr) V.CC-QZ (3%)	
					168.00-169.50: # 221402 Py (tr), Hm (tr) V.CC-QZ (2%)	
					169.50-171.00: # 221403 Py (tr-1%) V.CC-QZ (1%)	
					171.00-172.50: # 221404 Py (tr) V.CC-QZ (3%)	
					172.50-174.00: # 221405 Py (tr) V.CC-QZ (2%)	
					174.00-175.50: # 221406 Py (1%), V.QZ-CC (3%)	
					175.50-177.00: # 221407 Py (1%) associée aux veinules de quartz et de calcite (4%).	
						177.00-179.00: # 70203 Litho
		┤191.00-191.15├: «FAI» Boue de faille.			186.50-189.00: # 221408 Py (1%) V.CC-QZ (4cm) sub-parallèle A.C. Veinules CC-QZ (10%).	
		┤196.30-197.05├: «SYE»	20		191.00-192.50: # 221409 Py (5%) semi-massive à l'éponte d'une veinule de QZ-CC. V.CC-QZ (5cm) sub-parallèle A.C.	
		Syénite: grain fin à moyen, rougeâtre, massive, faiblement magnétique. Contact net.			196.00-197.50: # 221410	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
			70	[196.30-197.05]: «HM+»	Py (5%) fine + disséminée dans le dyke de syénite. Quelques minces filets de pyrite dans les basaltes.	
		197.05-200.45: Idem à 167.00-196.30	45	Pervasif.		
					199.00-200.45: # 221411 Py (tr) Veinules QZ-CC (3%).	
200.45 A 200.45		Fin du trou (7 juin 1998).				

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222387	2.10	4.00	1.90	56	56	2	0.2	5	1	8	2
222388	4.00	5.50	1.50	67	54	2	0.2	5	1	12	2
222389	5.50	7.00	1.50	40	72	4	0.2	15	1	2	2
222390	7.00	8.50	1.50	34	82	2	0.2	5	1	2	2
222391	8.50	10.00	1.50	58	56	2	0.2	10	3	2	2
222392	10.00	11.50	1.50	52	62	2	0.2	5	3	2	2
222393	11.50	13.00	1.50	35	62	2	0.2	5	1	4	2
222394	13.00	14.50	1.50	72	70	6	0.2	5	3	2	2
222395	14.50	16.00	1.50	63	52	6	0.2	5	3	2	2
222396	16.00	17.50	1.50	85	44	2	0.2	35	1	4	2
222397	17.50	19.00	1.50	36	46	2	0.2	10	1	2	2
222398	19.00	20.50	1.50	26	34	2	0.2	15	1	2	2
222399	20.50	22.00	1.50	29	38	2	0.2	15	1	2	2
222401	22.00	23.50	1.50	24	42	2	0.2	10	1	2	2
222402	23.50	25.00	1.50	6	26	2	0.2	10	1	2	2
222403	25.00	26.50	1.50	40	42	2	0.2	20	1	2	2
222404	26.50	28.00	1.50	69	42	2	0.2	15	1	8	2
222405	28.00	29.50	1.50	49	52	2	0.2	20	1	2	2
222406	29.50	31.00	1.50	27	44	2	0.2	20	3	2	2
222407	31.00	32.20	1.20	38	50	2	0.2	20	1	2	2
222408	32.20	33.50	1.30	96	82	2	0.2	140	12	2	2
222409	33.50	35.00	1.50	29	38	2	0.2	10	7	2	2
222410	35.00	36.50	1.50	27	32	2	0.2	5	1	2	2
222411	36.50	38.00	1.50	26	38	2	0.2	10	2	2	2
222412	38.00	39.50	1.50	33	42	2	0.2	10	1	8	2
222413	39.50	41.00	1.50	38	46	2	0.2	15	1	8	2
222414	41.00	42.50	1.50	28	38	2	0.2	20	1	10	2
222415	42.50	44.00	1.50	51	36	2	0.2	10	1	2	2
222416	44.00	45.50	1.50	36	40	2	0.2	15	6	2	2
222417	45.50	47.00	1.50	16	20	2	0.2	20	1	2	2
222418	47.00	48.50	1.50	43	30	2	0.2	20	1	2	2
222419	48.50	50.00	1.50	23	28	2	0.2	5	1	4	2
222420	50.00	51.50	1.50	23	30	2	0.2	5	1	2	2
222421	51.50	53.00	1.50	29	28	2	0.2	5	1	2	2
222422	53.00	54.20	1.20	26	40	2	0.4	130	1	2	2
222423	54.20	55.50	1.30	98	92	2	0.2	75	1	6	4
222424	55.50	57.00	1.50	140	90	2	0.2	50	1	6	2
222425	57.00	58.50	1.50	74	104	2	0.2	5	2	2	2
222426	58.50	60.00	1.50	90	234	2	0.2	5	1	2	2
222427	60.00	61.50	1.50	102	280	2	0.2	5	1	8	2
222428	61.50	63.00	1.50	178	186	2	0.2	20	3	2	2
222429	63.00	64.50	1.50	93	136	2	0.2	20	2	2	2
222431	64.50	66.00	1.50	68	128	14	0.2	60	1	2	2
222432	66.00	67.50	1.50	88	114	2	0.2	30	1	2	2
222433	67.50	69.00	1.50	96	134	2	0.2	10	1	2	2
222434	69.00	70.50	1.50	84	116	2	0.2	5	1	2	2
222435	70.50	72.00	1.50	50	126	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222436	72.00	73.50	1.50	88	94	2	0.2	15	1	2	2
222437	73.50	75.00	1.50	95	86	4	0.6	240	1	4	2
222438	75.00	76.50	1.50	86	72	2	0.2	5	1	12	2
222439	76.50	78.00	1.50	108	138	2	0.2	5	1	2	2
222440	78.00	79.50	1.50	142	150	2	0.2	5	2	2	2
222441	79.50	81.00	1.50	87	184	2	0.2	5	1	2	2
222442	81.00	82.50	1.50	107	90	2	0.2	5	3	2	2
222443	82.50	84.00	1.50	83	76	2	0.2	670	1	2	4
222444	84.00	85.50	1.50	80	68	2	0.2	20	4	4	2
222445	85.50	87.00	1.50	88	110	2	0.2	10	1	8	2
222446	87.00	88.50	1.50	95	110	2	0.2	20	1	2	2
222447	88.50	90.00	1.50	96	114	8	0.2	5	1	12	4
222448	90.00	91.50	1.50	84	92	2	0.2	10	1	2	2
222449	91.50	93.00	1.50	93	84	2	0.2	10	1	2	2
222450	93.00	94.50	1.50	106	116	2	0.2	5	4	28	2
222451	94.50	96.00	1.50	91	146	12	0.2	5	1	10	2
222452	96.00	97.50	1.50	86	108	8	0.2	20	1	2	2
222453	97.50	99.00	1.50	92	112	2	0.2	15	1	2	2
222454	99.00	100.50	1.50	93	148	2	0.2	20	1	8	2
222455	100.50	102.00	1.50	100	160	2	0.2	10	1	14	2
222456	102.00	103.50	1.50	106	154	4	0.2	5	1	8	2
222457	103.50	105.00	1.50	95	196	10	0.2	170	1	2	4
222458	105.00	106.50	1.50	131	104	2	0.2	50	1	6	6
222459	106.50	108.00	1.50	132	98	2	0.2	5	1	10	4
222461	108.00	109.50	1.50	94	138	2	0.2	20	1	20	4
222462	109.50	111.00	1.50	63	64	6	0.2	250	24	2	2
222463	111.00	112.50	1.50	106	212	2	0.2	10	10	10	4
222464	112.50	114.00	1.50	104	190	2	0.2	10	4	2	2
222465	114.00	115.50	1.50	107	94	2	0.2	15	4	6	2
222466	115.50	117.00	1.50	91	88	2	0.2	20	1	12	2
222467	117.00	118.50	1.50	96	84	2	0.2	5	1	10	4
222468	118.50	120.00	1.50	112	96	2	0.2	5	1	6	2
222469	120.00	121.50	1.50	87	110	2	0.2	20	1	8	2
222470	121.50	123.00	1.50	106	110	2	0.2	15	1	2	6
222471	123.00	124.50	1.50	112	114	2	0.2	10	1	2	2
222472	124.50	126.00	1.50	105	80	2	0.2	5	1	2	2
222473	126.00	127.50	1.50	93	98	2	0.2	5	1	2	2
222474	127.50	129.00	1.50	120	104	2	0.2	10	1	2	2
222475	129.00	130.50	1.50	113	104	2	0.2	15	1	2	2
222476	130.50	132.00	1.50	130	78	2	0.2	15	1	2	2
222477	132.00	133.50	1.50	117	104	2	0.2	10	1	2	2
222478	133.50	135.00	1.50	64	98	2	0.2	15	1	4	2
222479	135.00	136.50	1.50	40	60	2	1	55	2	8	2
222480	136.50	138.00	1.50	83	134	2	0.2	10	1	6	2
222481	138.00	139.50	1.50	103	90	2	0.2	5	1	6	8
222482	139.50	141.00	1.50	134	94	2	0.2	10	1	8	2
222483	141.00	142.50	1.50	113	76	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222484	142.50	144.00	1.50	114	88	2	0.2	5	1	2	6
222485	144.00	145.50	1.50	140	98	2	0.2	90	1	2	2
222486	145.50	147.00	1.50	125	90	2	0.2	5	1	2	6
222487	147.00	148.50	1.50	109	78	2	0.2	10	1	2	2
222488	148.50	150.00	1.50	102	96	2	0.2	5	1	2	2
222489	150.00	151.50	1.50	99	98	2	0.2	25	1	6	2
222491	151.50	153.00	1.50	129	134	2	0.2	5	1	10	4
222492	153.00	154.50	1.50	105	94	2	0.2	5	1	2	2
222493	154.50	156.00	1.50	106	102	2	0.2	20	1	2	2
222494	156.00	157.50	1.50	123	104	2	0.2	5	1	2	2
222495	157.50	159.00	1.50	125	142	2	0.2	15	1	2	4
222496	159.00	160.50	1.50	105	116	2	0.2	5	1	6	2
222497	160.50	162.00	1.50	106	82	2	0.2	5	1	8	2
222498	162.00	163.50	1.50	110	100	2	0.2	20	1	6	2
222499	163.50	165.00	1.50	53	68	2	0.2	5	3	8	2
222500	165.00	166.50	1.50	119	116	2	0.2	5	1	10	2
221401	166.50	168.00	1.50	132	130	4	0.2	5	4	10	2
221402	168.00	169.50	1.50	104	130	2	0.2	10	2	2	2
221403	169.50	171.00	1.50	132	108	6	0.2	5	1	6	2
221404	171.00	172.50	1.50	95	76	2	0.2	5	7	2	2
221405	172.50	174.00	1.50	116	148	2	0.2	5	9	2	2
221406	174.00	175.50	1.50	149	198	2	0.2	5	8	2	2
221407	175.50	177.00	1.50	181	158	6	0.2	15	6	2	2
221408	186.50	189.00	2.50	69	98	2	0.2	5	5	2	2
221409	191.00	192.50	1.50	84	116	6	0.2	5	1	2	2
221410	196.00	197.50	1.50	85	94	6	0.2	5	4	2	2
221411	199.00	200.45	1.45	87	70	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	16.00	57.00	41.00	42	43	2	0.2	25	2	3	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70197	10.00	11.00	1.00	65	54	2	0.2	5	7.15	7.46	6.38	2.26	2.36	44.76	0.71	11.50	0.12	13.60	0.45	15.15	0.66	925	114	54	99.12	0
70199	19.00	20.00	1.00	36	40	2	0.2	5	7.90	15.13	10.35	0.06	1.05	33.24	0.25	4.79	0.16	21.70	0.02	25.24	0.90	215	27	598	99.31	0
70200	28.00	29.00	1.00	38	60	2	0.2	5	7.73	8.27	5.48	1.48	2.59	43.10	0.74	12.34	0.12	14.20	0.45	16.32	0.38	585	120	84	99.50	0
70196	29.20	30.50	1.30	27	48	2	0.2	5	6.84	14.69	10.85	0.12	1.21	32.08	0.22	4.75	0.16	22.30	0.02	27.30	0.32	380	27	568	99.18	0
70201	49.50	50.50	1.00	34	40	2	0.2	5	6.39	11.33	16.62	0.13	0.80	31.39	0.21	5.05	0.24	26.00	0.01	25.96	0.34	100	24	647	99.05	0
70202	54.00	55.00	1.00	102	108	2	0.2	35	8.80	5.35	10.30	0.86	3.08	38.96	0.91	11.57	0.22	17.10	0.06	17.60	0.64	825	51	66	98.69	0
70198	145.00	146.50	1.50	129	108	2	0.2	5	11.54	6.50	7.45	2.07	0.27	49.26	1.38	15.06	0.25	0.70	0.11	3.99	0.18	105	87	82	99.18	0
70203	177.00	179.00	2.00	129	144	2	0.2	5	10.78	6.52	6.51	1.67	1.61	46.83	1.23	14.12	0.21	4.40	0.10	7.88	0.39	280	60	80	98.69	0

TROU NUMERO: MAT-03

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 19/08/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: PEGG OPTION 777
NUMÉRO DU PROJET: 70-777
CLAIM: 1218867 & 1217438
LOCALISATION: NORD-EST ONTARIO

COORDONNÉES UTM: UTM-17 NAD27
NORD: 5319077.50mN
EST: 489757.30mE
ELEV: 362.00

COORDONNÉE GRILLE:
NORD: 11+25N
EST: 12+00E
ELEV: 362.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 257.90M
LONGUEUR DE DÉPART: 0.00M
LONGEUR FINALE: 257.90M

AZIMUT AU COLLET: 180° 0' 0"
AZIMUT GRILLE: 180° 0' 0"

DEBUTÉ LE: 14/06/1998
TERMINÉ LE: 17/06/1998
JOURNAL LE: 17/06/1998

ARPENTAGE AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

PULSE EM SURVEY: NON
BOUCHON: NON
DIMENSION DE LA CAROTTE: BQ

CONTRACTEUR: FORAGE PERFORM
TUBAGE: OUI
ENTREPOSAGE: SAWMILL CAFE
COORD. UTM:

COMMENTAIRES:
PROFONDEUR DES COINS:

TESTS DE DEVIATION:

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires	Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
50.00	° ' "	-45° 0' 0"	ACID	OK		-	-	-	-	-	
100.00	° ' "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
150.00	° ' "	-47° 0' 0"	ACID	OK		-	-	-	-	-	
256.00	187° 0' 0"	-44° 0' 0"	TRO-PARI	OK		-	-	-	-	-	
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DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 1.52	«MT»	"Casing" / BAS var. 1.52 mètres de carotte détruite.				
1.52 A 82.00	«BAS»	BASALTE VARIOLAIRE ⟨1.52-82.00⟩: «BAS VAR» Grain fin, vert moyen, coussiné et massif, variolaire, faiblement magnétique. Minces niveaux de brèche, veinules de calcite (2-3%). De 1.52 à 4.00 mètres: manque 30cm de carotte.		⟨1.52-22.45⟩: «CC, HM» Faible et pervasive pour la calcite. Localement l'hématisation affecte les varioles.	Py (tr) de fine à grossière sub à automorphe. 21.00-22.45: # 205992 Py (tr) fine, disséminée dans une mince brèche.	
		⟨22.45-24.90⟩: «SYE» SYÉNITE Syénite à biotite, grenue, massive et rougeâtre.	60 60	⟨22.45-24.90⟩: «CC, HM» Faible à moyenne et pervasive.	22.45-24.00: # 205993 Py (tr) fine, disséminée près du contact supérieur. 24.00-24.90: # 205994 Idem, mais près du contact inférieur.	
		⟨25.85-26.90⟩: «SYE» Idem (80%) de cet intervalle.	70 25	Idem	24.90-25.85: # 205995 Py (5%) fine et disséminée dans cet intervalle bréchique. 25.85-27.00: # 205996 Py (2-3%) fine et disséminée. 27.00-28.50: # 205997 Py (tr-1%).	
				⟨38.00-52.00⟩: «HM, EP» L'hématisation des varioles est plus intense. L'épidote dans quelques veines de Qz-Cc.		
		42.60-42.75: V. QZ-CC (20°A.C.)				

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		55.52-55.75: Veine quartz-carbonate (calcite) 80%			55.00-56.50: # 205998 Py, Cp (trace) dans la veine.	
		61.20-61.45: Veine QZ-CC			61.00-62.00: # 205999 Py (2%) dans la veine de QZ-CC.	
82.00 A 241.05	«BAS»	BASALTE Grenu moyen à fin, grisâtre à vert pâle, massif en général montrant quelques bordures de coussins et de fines brèches associées. Possiblement un dyke ou simplement une (des) coulées massives et de forte puissance développant cette texture grenue. La roche est localement blanchie (bleached) quelque peu. Non magnétique. 88.53-88.70: Veine de QZ-CC (15°A.C.) 91.15-91.25: Veine de QZ-CC (25°A.C.) 111.18: Coussiné et massif. 116.00-132.00: Veines et veinules de QZ-CC (20%).		[82.00-116.00]: «CC, CL» Faible et pervasive pour la carbonatisation. La chlorite, vert foncé à noir se retrouve dans les bordures de coussins et dans les brèches. 116.00-132.00: Blanchi, 20% Blanchiment des épontes des veines et veinules. De faible à intense. Beige Albitisation ?? Idem pour la carbonatisation là ou ce n'est pas blanchi.	La pyrite, en trace, près des veines et dans les fines brèches et intercoussins. Standard: # 206000 CANMET MA-3a 88.00-89.00: # 206969 Py (tr) dans une veinule et veine. 91.00-92.50: # 206970 Py (tr-1%) fine et disséminée ainsi qu'en veinules. 116.00-117.50: # 206971 Py (1%) disséminée et dans les veines. 117.50-119.00: # 206972 Py (tr) 119.00-120.50: # 206973 Py (3%) de moyenne à fine. Dans les basaltes et aux épontes blanchis des	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					veines, respectivement. 120.50-122.00: # 206974 Py (tr) 10% de veinules dont une veine de 10cm. 122.00-123.50: # 206975 Py (tr-1%) aux épontes des veines, fines + disséminée. 123.50-125.00: # 206976 Py (tr-1%) bordures de coussins. 125.00-126.50: # 206977 Py (tr) fine + disséminée, épontes de veinules. 126.50-128.00: # 206978 Idem 128.00-129.50: # 206979 Py (tr), brèche (40cm). 129.50-131.00: # 206980 Py (tr-1%) fine, disséminée aux épontes de veinules. 131.00-132.50: # 206981 Py (tr) mais 10% aux épontes d'une veine (1cm) de quartz. Épontes blanchies. 139.00-140.00: # 206982 Py (tr) mais 5% aux épontes d'une veine de QZ-CC (4cm).	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					142.00-143.50: # 206983 Idem, V.QZ-CC (1cm) et bordure de coussins.	
		143.40-143.60: Varioles (≤ 3mm). Bordure de coussins.				
				147.50-149.90: Blanchi Faiblement blanchi.	147.50-149.00: # 206984	
				149.90-150.50: Blanchi Fortement blanchi.	149.00-150.50: # 206985 Py (tr) V.QZ-CC (3cm).	
				⌊149.90-175.00⌋: «CC» De faible à moyenne et pervasive.		
					150.50-152.00: # 206986 Py (tr) veinules QZ-CC (1%).	
		152.30-152.60: Veine de QZ-CC (20°A.C.)			152.00-153.50: # 206987 Py (1%) aux épontes de la veine de QZ-CC (3%) fine + disséminée.	
					174.00-175.50: # 206988 Py (tr) au contact dans la section blanchit, fine et disséminée.	
				175.00-175.51: Blanchi Blanchi; altération due au contact avec le dyke.	175.50-177.00: # 206989 Py (5%) fine + disséminée, également en trace dans les fragments.	
		⌊175.51-180.42⌋: «IFE FP»	65	⌊175.51-180.42⌋: «SI, FC»	Standard: # 206990 INMET # 5	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		F.P. DYKE/TONALITIQUE Grenu, beige, massif, porphyrique en FP (≤ 2mm/20-30%) quelques xénolithes fuschitique (tr-1%) (vert bouteille) (≤ 1cm).	65	Moyenne et pervasive pour la silice, les fragments (UM) fuschitisés fortement.	177.00-178.50: # 206991 Idem 178.50-180.00: # 206992 Idem	
		180.42-183.00: BAS, texture masquée.		┤180.42-183.00├: «SI+, SE» Fort près du contact. Blanchi. Séricitisé près des veines de quartz + cc	180.00-181.50: # 206993 Py (15%) fine et disséminée. Plus fort dans les basaltes au contact. 181.50-183.00: # 206994 Py (tr) aux épontes des V. QZ-CC	
		┤183.00-185.00├: «FRA» 15% de fines fractures remplies de quartz. Trace d'amygdule (QZ). Brèches hydrothermales (fines).		┤183.00-185.00├: «SI» Faible.	183.00-184.50: # 206995 Py (1%) très fine à fine avec les veinules de quartz enfumées. 184.50-186.00: # 206996 Py (tr-1%) dans la veine.	
		185.00-185.30: Veine quartz-calcite. 185.30-198.90: Trace à 1% d'amygdule (QZ) laves coussinées.		┤185.00-185.30├: «SR, CL»		
					186.00-187.50: # 206997 Py (tr) 197.00-198.50: # 206998 Py (2%) aux épontes ou contenue dans les veines de quartz-calcite. (5%).	
		┤198.90-199.57├: «TON, Hb»	irr		198.50-200.00: # 206999 Py (tr) surtout aux épontes du dyke.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		Grenu, beige rougeâtre, massif, porphyrique en hornblende (10%) (≤ 2mm) verte et en feldspath (20%, ≤ 1mm)	60			
		199.57-203.36: Basalte.		┤199.57-203.36├: Blanchi,«SI»		
					202.00-203.36: # 207000 Py (tr-1%)	
		┤203.36-205.67├: «IFE FP»	75		203.36-205.00: # 211307 Py (3-5%) fine, disséminée. V. QZ+ CC (1%).	
		Idem, tonalitique.	65			
					205.00-205.67: # 211308 Idem	
		205.67-214.48: Basalte coussiné.		205.67-207.00: Blanchi Épontes des veinules, locales.	205.67-207.00: # 211309 Py (tr)	
				┤207.00-213.00├: «CL» Faible, plus fort aux bordures de coussins.		
				213.00-214.48: Blanchi Faible à moyen, les bordures de coussins sont masquées mais toujours visibles.		
		┤214.48-216.35├: «IFE FP»	65	┤214.48-216.35├: «FP»	214.00-215.50: # 211310 Py (1%) fine + disséminée.	
		Tonalitique, idem; un peu grisâtre. "Flow banding" sur 30cm.	70	Faiblement feldspathique et local, contact inférieur.		
					215.50-217.00: # 211311 Idem	
		216.35-217.37:		┤216.35-217.37├: Blanchi, «SI»		

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		Basalte coussiné.		Localement peu ressembler à de l'albitisation. Siliceux, moyen.		
		⌊217.37-217.95⌋: «IFE FP»	70	⌊217.37-217.95⌋: «FP+»	217.00-218.50: # 211312 Py (tr-1%).	
		Tonalitique, massif, grenu, rougeâtre.	40	Moyen et pervasif.		
		217.95-222.38:		⌊217.95-222.38⌋: Blanchi,«SI+, SR»		
		Basalte, coussiné et bréchique. Les textures sont masquées, quelques amygdules.		Gris beige, de faible à intense, séricite près du contact.		
					218.50-220.00: # 211313 Py (tr)	218.00-219.00: # 70215
					220.00-221.50: # 211314 Py (tr)	
					221.50-223.00: # 211315 Py (2-3%) fine + disséminée.	
		⌊222.38-229.50⌋: «IFE FP»	55	⌊222.38-229.50⌋: «SI»		
		Tonalitique, 90% de l'intervalle, 10% basalte blanchi (idem). Quelques fragments (UM?) séricitisés et minéralisés (tr).	70			
					223.00-224.50: # 211316 Py (5%) Idem	
					224.50-226.00: # 211317 Py (3%); localement 15% fine + disséminé. (As, Cp ??).	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					226.00-227.50: # 211318 Py (5%) fine + disséminée. 227.50-229.00: # 211319 Idem	
		229.50-241.05: Basalte, idem plus un petit dyke de F.P. (20cm). NOTE: Quelques petits dykes F.P. rougeâtres (< ou= 20cm) et la présence d'intervalle de lave ultramafique totalement silicifié (?). (239.38-239.63).		┤229.50-238.15├: «CC, CL» Faible et pervasive. ┤238.15-240.25├: «SI», Blanchi Fortement.	229.00-230.50: # 211320 Idem pour le dyke. Py (1%) pour l'intervalle. 237.00-238.50: # 211321 Py (tr) 238.50-240.00: # 211322 Py (5-10%), dans les basaltes, dyke F.P. ainsi que dans les "ultramafiques". 20% de fines fractures + Qz. 240.00-241.50: # 211323 Py (10-15%) très fine + disséminée dans les basaltes. Moins dans le F.P. (3-5% Py).	
241.05 A 257.90	«IFE FP, BAS»	Tonalitique/ Bas (50:50%) Tous les 2 sont idems à ceux décrient ci-haut. Les basaltes sont blanchi montrant des textures coussinées et localement bréchiques parfois fortement masquées. Le dyke contient toujours quelques xénolithes (U.M.). NOTE: Une veine de quartz + calcite traversent parallèlement le centre du dyke de F.P. (1cm).		┤241.05-252.75├: «SI+, SR, HM»	241.50-243.00: # 211324 Py (3-5%) fine + disséminée. 243.00-244.50: # 211325 Idem 244.50-246.00: # 211326 70% BAS: Py (3%) 30% F.P. Dyke: Py (5%) 1-2% Py de l'intervalle. 246.00-247.50: # 211327 Py (3-5%)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Pb (tr) dans la veine. Standard: # 211328 INMET # 3 247.50-249.00: # 211329 Idem 249.00-250.50: # 211330 Py (tr-1%) surtout près du contact inférieur, basalte. 250.50-252.00: # 211311 Idem à 246.00-247.50	
		252.75-257.90: Basalte, blanchi, albitisé ?		⎨252.75-257.90⎬: «SI», Blanchi	252.00-253.51: # 211332 Py ((1-3%). 256.40-257.90: # 211333 Py (tr)	253.50-256.00: # 70216 Litho
257.90 A 257.90		Fin du trou (17 juin 1998).				

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
205992	21.00	22.40	1.40	91	128	2	0.2	10	1	2	2
205993	22.45	24.00	1.55	36	66	12	0.2	20	1	2	2
205994	24.00	24.90	0.90	43	68	14	0.2	25	1	2	2
205995	24.90	25.85	0.95	113	116	2	0.2	5	1	2	2
205996	25.85	27.00	1.15	70	88	14	0.2	20	1	2	2
205997	27.00	28.50	1.50	85	102	2	0.2	10	1	2	2
205998	55.00	56.50	1.50	79	94	2	0.2	5	1	10	2
205999	61.00	62.00	1.00	78	108	2	0.2	5	1	4	2
206969	88.00	89.00	1.00	69	104	2	0.2	15	1	6	2
206970	91.00	92.50	1.50	92	104	2	0.2	30	1	2	2
206971	116.00	117.50	1.50	85	106	2	0.2	10	1	2	2
206972	117.50	119.00	1.50	78	118	2	0.2	25	1	2	2
206973	119.00	120.50	1.50	87	90	2	0.2	40	1	2	2
206974	120.50	122.00	1.50	86	84	2	0.2	30	1	4	2
206975	122.00	123.50	1.50	80	86	2	0.2	15	1	8	2
206976	123.50	125.00	1.50	99	118	2	0.2	5	1	6	2
206977	125.00	126.50	1.50	84	102	2	0.2	5	1	2	2
206978	126.50	128.00	1.50	92	106	2	0.2	20	1	2	2
206979	128.00	129.50	1.50	156	144	2	0.2	30	1	6	2
206980	129.50	131.00	1.50	93	208	2	0.2	20	1	2	2
206981	131.00	132.50	1.50	78	130	2	0.2	100	1	2	2
206982	139.00	140.00	1.00	75	82	2	0.2	20	1	2	2
206983	142.00	143.50	1.50	97	92	2	0.2	25	1	4	2
206984	147.50	149.00	1.50	92	80	2	0.2	10	1	2	2
206985	149.00	150.50	1.50	105	92	2	0.2	30	1	2	2
206986	150.50	152.00	1.50	84	106	2	0.2	5	1	2	2
206987	152.00	153.50	1.50	90	66	2	0.2	110	1	2	2
206988	174.00	175.50	1.50	101	88	2	0.2	10	1	4	2
206989	175.50	177.00	1.50	19	28	4	0.4	110	1	2	2
206991	177.00	178.50	1.50	7	22	20	0.6	255	1	2	2
206992	178.50	180.00	1.50	13	26	6	0.2	50	1	2	2
206993	180.00	181.50	1.50	74	60	4	0.8	115	1	2	2
206994	181.50	183.00	1.50	90	92	2	0.2	15	1	2	2
206995	183.00	184.50	1.50	91	90	2	0.2	10	1	8	2
206996	184.50	186.00	1.50	79	88	2	0.2	15	1	2	2
206997	186.00	187.50	1.50	95	100	2	0.2	10	1	6	2
206998	197.00	198.50	1.50	86	112	2	0.2	20	1	6	2
206999	198.50	200.00	1.50	58	84	2	0.2	15	1	2	2
207000	202.00	203.36	1.36	94	110	2	0.2	20	1	2	2
211307	203.36	205.00	1.64	13	14	10	0.2	140	1	2	2
211308	205.00	205.67	0.67	6	14	6	0.2	50	1	2	2
211309	205.67	207.00	1.33	96	106	2	0.2	15	1	4	2
211310	214.00	215.50	1.50	35	46	6	0.2	45	1	2	2
211311	215.50	217.00	1.50	34	54	8	0.2	20	1	2	2
211312	217.00	218.50	1.50	55	48	2	0.2	30	1	2	2
211313	218.50	220.00	1.50	79	78	2	0.2	5	1	2	2
211314	220.00	221.50	1.50	91	92	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
211315	221.50	223.00	1.50	63	50	2	0.2	60	1	2	2
211316	223.00	224.50	1.50	37	40	8	0.6	230	1	2	2
211317	224.50	226.00	1.50	77	106	2	0.2	60	1	8	2
211318	226.00	227.50	1.50	13	14	8	0.2	50	1	2	2
211319	227.50	229.00	1.50	8	12	6	0.2	20	4	2	2
211320	229.00	230.50	1.50	74	66	2	0.2	40	1	8	2
211321	237.00	238.50	1.50	88	98	2	0.2	5	1	6	2
211322	238.50	240.00	1.50	178	52	2	1	210	3	14	2
211323	240.00	241.50	1.50	60	36	2	0.4	100	1	32	8
211324	241.50	243.00	1.50	7	20	6	0.2	20	1	2	2
211325	243.00	244.50	1.50	22	18	2	0.2	40	1	2	2
211326	244.50	246.00	1.50	60	72	4	0.2	120	1	2	2
211327	246.00	247.50	1.50	9	30	28	0.2	40	1	2	2
211329	247.50	249.00	1.50	41	52	14	0.8	115	2	2	4
211330	249.00	250.50	1.50	87	122	2	0.2	25	1	2	2
211331	250.50	252.00	1.50	16	24	12	0.2	60	1	2	2
211332	252.00	253.50	1.50	53	50	2	0.2	110	1	2	2
211333	256.40	257.90	1.50	66	70	2	0.2	15	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70215	218.00	219.00	1.00	94	58	2	0.2	5	8.42	3.25	8.32	0.74	2.86	45.99	1.06	12.39	0.25	13.30	0.09	15.06	0.09	440	69	53	99.37	0
70216	253.50	256.00	2.50	91	78	2	0.2	40	9.79	3.55	7.83	1.63	1.29	48.35	1.14	12.88	0.28	9.10	0.10	11.27	0.12	340	72	60	99.20	0

TROU NUMERO: MAT-04

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 19/08/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: PEGG OPTION 777
NUMÉRO DU PROJET: 70-777
CLAIM: 1217437
LOCALISATION: NORD-EST ONTARIO

COORDONNÉES UTM: UTM-17 NAD27
NORD: 5318781.60mN
EST: 489972.00mE
ELEV: 355.00

COORDONNÉE GRILLE:
NORD: 8+25N
EST: 14+00E
ELEV: 355.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 221.40M
LONGUEUR DE DÉPART: 0.00M
LONGUEUR FINALE: 221.40M

AZIMUT AU COLLET: 180° 0' 0"

AZIMUT GRILLE: 180° 0' 0"

DEBUTÉ LE: 11/06/1998
TERMINÉ LE: 13/06/1998
JOURNAL LE: 14/06/1998

ARPENTAGE AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

PULSE EM SURVEY: NON
BOUCHON: NON
DIMENSION DE LA CAROTTE: BQ

CONTRACTEUR: FORAGE PERFORM
TUBAGE: OUI
ENTREPOSAGE: SAWMILL CAFE
COORD. UTM:

COMMENTAIRES:
PROFONDEUR DES COINS:

TESTS DE DEVIATION:

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
50.00	° ' "	-44° 0' 0"	ACID	OK	
100.00	° ' "	-44° 0' 0"	ACID	OK	
150.00	° ' "	-45° 0' 0"	ACID	OK	
220.00	185° 0' 0"	-44° 0' 0"	TRO-PARI	OK	

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
-	-	-	-	-	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 1.50	«MT»	Casing, pas de mort-terrain.				
1.50 A 140.95	«BAS»	BASALTE Grain fin, vert moyen, massif et coussiné, localement bréchique. Veinules de calcite + quartz (2-10%). ⟨2.60-3.55⟩: «IFE FP» F.P. DYKE / TONALITE Massif, grain fin, beige, texture porphyrique. Contact net. ⟨4.95-5.35⟩: «IFE FP» F.P. DYKE / TONALITE Idem à 2.60-3.55, texture faiblement porphyrique. ⟨12.23-12.43⟩: «IFE PF» F.P. DYKE/TONALITE Idem à 2.60-3.55, texture porphyrique plutôt masquée. Gris-beige. ⟨18.08-18.15⟩: «IFE PF» F.P. DYKE/TONALITE Idem. Beige	65 40 irr 60 55 40 25 50 40	1.50-140.95: CC EP ⟨1.50-31.45⟩: «CC EP» Faible à moyen et pervasif. Absent ou masqué en présence de la carbonatisation. Faible et localement épidotisée. 18.08-18.15: Séricite pervasive ?	2.50-4.00: # 222278 Py (3%) fine et disséminée dans le dyke. Automorphe. 4.00-5.50: # 222279 Py (tr) 5.50-7.00: # 222280 Py (1%) inter-coussin, automorphe. 10.00-11.50: # 222281 Py (tr) Idem 11.50-13.00: # 222282 Py (tr) 18.00-19.50: # 222283 Py (tr) inter-coussin.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		┤19.60-19.95├: «IFE PF»	irr		19.50-21.00: # 222284 Idem.	
		F.P. DYKE/TONALITE Idem (80% dyke) (10% veinules de calcite).	irr			
					21.00-22.50: # 222285 Py (1%) intercoussin ainsi qu'à l'intérieur du dyke.	
		┤22.16-24.13├: «IFE PF»			22.50-24.00: # 222286 Py (3%) fine + disséminée.	
		F.P. DYKE/TONALITE Idem. Texture porphyrique (Fp?) (10-15% / ≤ 2mm). Un intervalle de 10cm de basalte silicifié est également présent, vert pâle.	65 50			
		24.25-24.30: Veine QZ-CC (60°A.C.)			24.00-25.50: # 222287 Py (tr)	
		┤24.75-25.16├: «IFE PF»	45			
		F.P. DYKE/TONALITE Dyke ou altération ? Grain fin, massif, brunâtre, porphyrique en feldspath (?), altéré en chlorite (10% ≤ 2mm).	60 irr			
					25.50-27.00: # 222288	
		┤27.55-28.34├: «IFE PF»	45		27.00-28.50: # 222289 Py (tr) dans le dyke.	
		F.P. DYKE/TONALITE Idem à 2.60-3.55	30			
		28.34-29.10: Texture bréchique. Matrice de calcite.			28.50-30.00: # 222290 Py (tr)	
					30.00-31.50: # 222291	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Idem	
		⌊31.25-31.85⌋: «IFE PF» F.P. DYKE/TONALITE Idem à 2.60-3.55	60 50		31.50-33.00: # 222292 Py (tr) Dans le basalte silicifié dans les veinules Qz, Py(2%).	31.90-32.60: # 70204 Litho
		31.85-32.75: Basalte, vert pâle, fracturé 5%, fine (1-2mm) remplie de quartz.	60	⌊31.85-32.75⌋: «EP, SI++»		
		⌊32.75-36.25⌋: «IFE PF» F.P. DYKE/TONALITE Idem à 31.25-31.85	70	⌊32.75-36.25⌋: «EP, SI» Siliceuse et pervasive.	33.00-34.50: # 222293 Py (1%) fine, automorphe et disséminée. 34.50-36.00: # 222294 Py (1-2%). Idem Standard: # 222295 CANMET: MA2b 36.00-37.50: # 222296 Py (tr) dans le dyke.	33.00-36.00: # 70205 Litho
		36.25-57.00: Basalte, bréchique et coussiné.		⌊36.25-92.00⌋: «EP, CC, CL»	36.25-57.00: Py (tr); dans les veinules et les brèches.	
						53.00-55.00: # 70206 Litho
		57.00-78.00: Massif et porphyrique (≤ 1mm/20%) (leucoxène ?)		57.00-78.00: CC, CL, EP Tous faibles. Pervasif pour le carbonate. L'épidote aux épontes des veinules. 78.00-92.00: CC, CL	65.50-67.00: # 222297 Veines QZ+ CC, épidotization des épontes.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		78.00-92.00: Coussiné, bordure de coussins quelques amygdules. 92.00-121.00: Coussiné, idem au précédent. ┤121.00-133.00├: «SED_Gp (25%)» SEDIMENT GRAPHITIQUE. 25% de sédiment inclu dans les basaltes blanchis d'aspect massifs. Sed. Gp, noir, grain fin, éclat graphitique par endroit. Veines de quartz-carb (CC) (15%).		Plutôt pervasif pour le carbonate. La chlorite dans les bordures de coussins. ┤92.00-121.00├: «EP, CC+» La roche est blanchie quelque peu donnant un vert pâle. La calcite est pervasive. ┤121.00-133.00├: «EP, CC++, SE» Tous pervasifs.	121.00-122.50: # 222298 Py(2%) grossière (≤ 3mm), automorphe, disséminée dans l'horizon graphithique. Veines de quartz (10%) ≤ 5cm. 122.50-124.00: # 222299 Py (tr) idem, fines fractures remfermant graphite et un peu de calcite (5%). Standard: # 222300 INMET # 4 124.00-125.50: # 205972 Py (3%) dans quelques veines de quartz gris remplissant les fractures. 125.50-127.00: # 205973 Py (1%) contenue dans un quartz-graphitique en veine. Pyrite grossière et automorphe. 127.00-128.50: # 205974 Py (tr), idem.	112.00-115.00: # 70207 Litho NOTE: Cet intervalle est déterminé comme étant la réponse à l'anomalie de P.P. de surface visée par ce forage.

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					128.50-130.00: # 205975 Py (tr-1%), idem. 130.00-131.50: # 205976 Py (tr) plus fine. 131.50-133.00: # 205977 Py (tr)	
		133.00-140.95: BASALTE Aspect grenu, grisâtre à verdâtre, massif et fracturé (10%); possiblement quelques coussins. Le basalte semble avor été "chauffé" par l'intrusif sous-jacent.	65	┤133.00-140.95├: «CC» Faible à moyenne, pervasive.	139.50-140.95: # 205978 Py (tr) fine + disséminée au contact inférieur.	
140.95 A 157.45	«IUM»	INTRUSIF ULTRAMAFIQUE Grain fin à grenu, vert pâle à moyen à vert "bouteille" localement. Bréchique fortement à matrice de quartz-magnétite et un peu de calcite. Jusqu'à 40% de matrice. ┤142.00-142.05├: «FAI» Boue de faille (75°A.C.)	65	┤140.95-152.45├: «FC+» De faible à moyen, près des contacts.	140.95-142.50: # 205979 Py (tr) 142.50-144.00: # 205980 Idem 146.00-147.50: # 205981 148.50-150.00: # 205982 150.00-151.50: # 205983 151.50-153.00: # 205984	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Py (tr) très fine.	
		152.45-155.30: BAS Massif, grenu, grisâtre, faible métamorphisme de contact.		⌊152.45-155.30⌋: «CC» Faible et pervasive.	153.00-154.50: # 205985 Idem 154.50-156.00: # 205986 Py (3%) très fine et disséminée (≤ 1mm).	
				⌊155.30-157.45⌋: «FC+, SR» Idem	156.00-157.50: # 205987 Py (tr) fine + disséminée.	
157.45 A 221.30	«BAS»	BASALTE Grain fin, vert moyen, coussiné (bordure), quelques passes massives.		⌊157.45-221.30⌋: «CC, CL» La calcite, moyenne et pervasive et en veinules. La chlorite vert foncé à noir se retrouve dans les bordures des structures coussinées.	157.50-159.00: # 205988 Idem 159.00-160.50: # 205989 Py (tr) 165.00-166.00: # 205990 10% V.QZ-CC dont une feldspathique. Py (tr) Cp, Po (tr) Dans les bordures de coussins et dans les veinules. 220.00-221.30: # 205991	212.00-215.00: # 70208 Litho

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
221.30 A 221.30		Fin du trou (13 juin 1998).				

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222278	2.50	4.00	1.50	69	94	2	0.2	15	10	2	2
222279	4.00	5.50	1.50	91	106	4	0.2	5	1	2	2
222280	5.50	7.00	1.50	124	120	2	0.2	5	1	2	2
222281	10.00	11.50	1.50	97	188	2	0.2	5	1	2	2
222282	11.50	13.00	1.50	86	90	2	0.2	5	1	2	2
222283	18.00	19.50	1.50	64	146	2	0.2	10	1	2	2
222284	19.50	21.00	1.50	64	134	2	0.2	5	1	2	2
222285	21.00	22.50	1.50	88	172	2	0.2	10	1	2	2
222286	22.50	24.00	1.50	20	14	2	0.2	20	7	2	2
222287	24.00	25.50	1.50	51	68	2	0.2	30	1	2	2
222288	25.50	27.00	1.50	84	96	2	0.2	5	1	2	2
222289	27.00	28.50	1.50	41	56	2	0.2	5	1	2	2
222290	28.50	30.00	1.50	84	100	2	0.2	5	1	2	2
222291	30.00	31.50	1.50	70	100	2	0.2	5	1	2	2
222292	31.50	33.00	1.50	73	40	2	0.2	25	1	6	2
222293	33.00	34.50	1.50	15	16	2	0.2	50	2	2	2
222294	34.50	36.00	1.50	6	16	2	0.2	5	2	2	2
222296	36.00	37.50	1.50	85	80	2	0.4	50	1	6	2
222297	65.50	67.00	1.50	103	142	2	0.2	20	1	2	2
222298	121.00	122.50	1.50	325	1190	6	0.2	5	1	10	2
222299	122.50	124.00	1.50	119	118	2	0.2	5	1	4	2
205972	124.00	125.50	1.50	118	104	2	0.2	5	1	2	2
205973	125.50	127.00	1.50	156	134	2	0.2	20	1	2	2
205974	127.00	128.50	1.50	129	100	2	0.2	5	1	2	2
205975	128.50	130.00	1.50	118	206	2	0.2	25	1	2	2
205976	130.00	131.50	1.50	84	194	2	0.2	15	1	2	2
205977	131.50	133.00	1.50	120	108	2	0.2	5	1	2	2
205978	139.50	140.95	1.45	128	54	2	0.2	5	1	2	2
205979	140.95	142.50	1.55	44	54	2	0.6	35	1	2	2
205980	142.50	144.00	1.50	30	32	2	0.2	5	1	2	2
205981	146.00	147.50	1.50	40	34	2	0.2	30	1	2	2
205982	148.50	150.00	1.50	34	26	2	0.2	10	1	2	2
205983	150.00	151.50	1.50	32	26	2	0.2	20	1	2	2
205984	151.50	153.00	1.50	72	42	2	0.2	110	1	2	2
205985	153.00	154.50	1.50	114	54	2	0.2	10	1	2	2
205986	154.50	156.00	1.50	104	44	2	0.2	40	1	2	2
205987	156.00	157.50	1.50	36	34	2	0.2	15	1	2	2
205988	157.50	159.00	1.50	95	66	2	0.2	45	1	2	2
205989	159.00	160.50	1.50	89	80	2	0.2	5	1	2	2
205990	165.00	166.00	1.00	90	80	2	0.2	5	1	2	2
205991	220.00	221.30	1.30	92	90	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	121.00	133.00	12.00	146	269	3	0.2	11	1	3	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70204	31.90	32.60	0.70	52	54	2	0.2	25	8.15	3.41	10.23	0.59	3.11	43.45	1.07	12.23	0.29	14.90	0.12	15.35	0.70	620	69	44	98.91	0
70205	33.00	36.00	3.00	11	16	2	0.2	5	1.48	0.57	2.28	4.79	2.31	68.89	0.28	15.33	0.04	1.70	0.09	2.96	0.42	935	141	5	99.18	1
70206	53.00	55.00	2.00	90	126	2	0.2	5	14.33	3.71	10.76	1.47	0.28	43.08	1.00	11.77	0.52	7.70	0.08	10.70	0.03	80	63	58	99.30	0
70207	112.00	115.00	3.00	90	68	2	0.2	5	8.39	3.98	8.17	2.72	0.77	50.55	1.21	13.65	0.23	5.50	0.10	8.29	0.04	330	78	67	98.99	0
70208	212.00	215.00	3.00	81	102	2	0.2	5	10.76	3.61	8.72	2.25	0.33	51.21	1.25	13.73	0.34	3.30	0.13	6.08	0.05	215	75	66	99.61	0

TROU NUMERO: MAT-05

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 19/08/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: PEGG OPTION 777
NUMÉRO DU PROJET: 70-777
CLAIM: 1218867
LOCALISATION: NORD-EST ONTARIO

COORDONNÉES UTM: UTM-17 NAD27
NORD: 5318155.30mN
EST: 488589.06mE
ELEV: 350.00

COORDONNÉE GRILLE:
NORD: 2+25N
EST: 0+00E
ELEV: 350.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 227.30M
LONGUEUR DE DÉPART: 0.00M
LONGEUR FINALE: 227.30M

AZIMUT AU COLLET: 360° 0' 0"

AZIMUT GRILLE: 360° 0' 0"

DEBUTÉ LE: 08/06/1998
TERMINÉ LE: 11/06/1998
JOURNAL LE: 11/06/1998

ARPENTAGE AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

PULSE EM SURVEY: NON
BOUCHON: NON
DIMENSION DE LA CAROTTE: BQ

CONTRACTEUR: FORAGE PERFORM
TUBAGE: OUI
ENTREPOSAGE: SAWMILL CAFE
COORD. UTM:

COMMENTAIRES:
PROFONDEUR DES COINS:

TESTS DE DEVIATION:

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
50.00	° ' "	-46° 0' 0"	ACID	OK	
96.30	° ' "	-46° 0' 0"	ACID	OK	
226.30	0° 0' 0"	-48° 0' 0"	ACID	OK	

Profondeur (M)	Azimuth Astronomique	Plongée degrés	Type de Test	FLAG	Commentaires
-	-	-	-	-	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 1.52	«MT»	Destruction de 1.52m pour l'installation du tubage. Pas de mort-terrain.				
1.52 A 8.80	«DAC»	DACITE Grain fin, vert pâle, bréchique. Les fragments sont vert pâle et la matrice est d'un gris moyen. Contact net. NOTE: de 1.52 à 4.00: perte de carotte due au forage. (=1.4 mètres).	55	[1.52-8.80]: «SR» Faiblement et affectant les fragments, pervasive.	1.52-4.00: # 221412 Py (tr) 4.00-5.50: # 222413 Idem 5.50-7.00: # 221414 Idem 7.00-8.50: # 221415 Py (tr); Pb (tr)	
8.80 A 30.82	«VUM»	Volcanite ultramafique, grain fin, vert foncé à noir, de massif à fracturé (15-20%). Les fractures sont remplies par des veinules de quartz-magnétite. Quelques minces dykes mafiques (2) (≤ 40cm) sont présent.		[8.80-30.82]: «TC» Faiblement talqueux.	8.50-10.00: # 221416 10.00-11.50: # 221417 Py (tr) 11.50-13.00: # 221418 Idem 13.00-14.50: # 221419 Idem Standard: # 221420 INMET # 3 19.00-20.50: # 221421 Py (tr 1%), en amas dans les veines de Qz-Mn, (≤ 0.5cm). 24.00-25.50: # 221422 Py (3%) de fines et disséminées à plus grossières.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					25.50-27.00: # 221423 Idem 27.00-28.50: # 221424 Py (1%) 28.50-30.00: # 221425 Py (tr)	
30.82 A 37.10	«DAC»	DACITE Idem à 1.52-8.80. Quelques veines de quartz-calcite (1%).	60	[30.82-37.10]: «SR, SI» Assez pervasives et de faibles à moyennes.	30.00-31.50: # 221426 Idem 31.50-33.00: # 221427 Py (tr) 33.00-34.50: # 221428 Idem, + trace de graphite (≤ 1mm) placage. 34.50-36.00: # 221429 Idem 36.00-37.10: # 221430 Py (1-2%) fine , disséminée et en amas dans quelques veinules de QZ-CC.	
37.10 A 130.00	«SYE»	SYÉNITE Grenue fine, gris moyen à rougeâtre, prophyrique en feldspath (10-15%), blanche, automorphe à sub-morphique (≤ 3mm). Massive. Foliation à 25°a.c. (Faible). Magnétique dans les horizons hématisés. Faible à moyenne.	inf 60	[37.10-53.00]: «SR» Le long des plans de foliation ou de fines fractures.	37.10-38.50: # 221431 Py (tr) très fine + disséminée. 38.50-40.00: # 221432 Idem 40.00-41.50: # 221433 Idem	39.00-42.00: # 70209 Litho

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					41.50-43.00: # 221434 Idem	
					43.00-44.50: # 221435 Idem	
					44.50-46.00: # 221436 Py (tr-1%) près des veinules la pyrite augmente. Demeure quand même faible.	
					46.00-47.50: # 221437 Py (1%) fine, disséminée.	
					47.50-49.00: # 221438 Py (tr) fine + disséminée.	
					49.00-50.50: # 221439 Py (tr-1%) fine + disséminée.	
					50.50-52.00: # 221440 Py (1-2%) fine + disséminée.	
					52.00-53.50: # 221441 Idem.	
				53.00-67.00: «SR+» Pervasive, beige. Moyenne à localement plus faible.	53.50-55.00: # 221442 Idem	
					55.00-56.50: # 221443 Py (1%) fine + disséminée.	55.00-59.50: # 70210 Litho
					56.50-58.00: # 221444 Py (tr)	
					58.00-59.50: # 221445	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Py (1%) fine + disséminée. 59.50-61.00: # 221446 Idem 61.00-62.50: # 221447 Py (2%) fine + disséminée. 62.50-64.00: # 221448 Py (tr.1%) Idem 64.00-65.50: # 221449 Py (1%) Idem Standard: 221450 INMET # 5 65.50-67.00: # 221451 Py (tr) fine + disséminée.	
				⟨67.00-71.00⟩: «HM+» Moyenne, rougeâtre et pervasive.	67.00-68.50: # 221452 Py (1%) moyenne + disséminée. 68.50-70.00: # 221453 Py (tr-1%) Idem 70.00-71.50: # 221454 Idem	
				⟨71.00-72.00⟩: «HM» Faible affectant un peu la matrice et un peu plus les feldspaths qui deviennent rougeâtre à blanc-rouge.	71.50-73.00: # 221455 Idem	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				⌊72.00-86.50⌋: «HM+, SR» Idem à 67.00-71.00. Localement la séricite se retrouve dans la matrice foliée.	73.00-74.50: # 221456 Idem 74.50-76.00: # 221457 Idem 76.00-77.50: # 221458 Py (1%) 77.50-79.00: # 221459 Py (tr-1%) Idem 79.00-80.50: # 221460 Py (tr). 80.50-82.00: # 221461 Idem 82.00-83.50: # 221462 Idem 83.50-85.00: # 221463 Idem 85.00-86.50: # 221464 Idem	
		86.50-93.50: Réseau de fines fractures à quartz et chlorite (5-10%).		⌊86.50-99.00⌋: «SR+, HM» La séricite de faible à moyenne,	86.50-88.00: # 221465 Py (tr-1%)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
				pervasive. L'hématisation est faible, pervasive mais sporadique.	88.00-89.50: # 221466 Py (tr-1%), moyenne à très fine.	
					89.50-91.00: # 221467 Py (tr-1%) Idem	89.50-94.00: # 70211
					91.00-92.50: # 221468 Py (tr-1%) Idem	
					92.50-94.00: # 221469 Idem	
		93.50-93.57: V. quartz-calcite.				
					94.00-95.50: # 221470 Idem	
					95.50-97.00: # 221471 Idem	
		97.00-98.50: Foliation faible.(15°-20°A.C.)			97.00-98.50: # 221472 Py (tr)	
					98.50-100.00: # 221473 Py (tr-1%).	
		⌊99.00-99.30⌋: «CIS» Faible à moyen.	20	⌊99.00-99.30⌋: «SR+» Forte dans le cisaillement.		
				⌊99.30-106.60⌋: «HM+» Pervasive.		

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					100.00-101.50: # 221474 Py (tr)	
		101.50-103.60: Fracturé remplit de quartz + calcite. (5-10%).			101.50-103.00: # 221475 Py (tr) (1-2mm).	
					103.00-104.50: # 221476 Py (tr-1%) Cp (tr) dans les veinules de Cc-Qz.	
					104.50-106.00: # 221477 Py (tr.1%) (1-2mm et <1mm). Hm (tr) (< 1mm).	
				┤106.60-113.60├: «HM» Faible, surtout aux épontes de fractures et de veines.	106.00-107.50: # 221478 Py (tr.1%).	
		107.00-113.60: V. Qz-CC (5%).			107.50-109.00: # 221479 Py (tr)	
					109.00-110.50: # 221480 Py (tr-1%).	
					110.50-112.00: # 221481 Py (tr)	
					112.00-113.50: # 221482 Idem	
		113.60-121.00: Très fin réseau de fractures et porosité intergranulaire (5%) biotite altérée en chlorite. La forme crystalline demeure.		┤113.60-121.00├: «HM++, SR» Fortement et pervasives. Faiblement séricitisées, localement pervasives ainsi qu'intergranulaire.	113.50-115.00: # 221483 Py (tr-1%). 115.00-116.50: # 221484 Py (tr)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Standard: # 221485 CANMET: MA-3A	
					116.50-118.00: # 221486 Py (tr)	
					118.00-119.50: # 221487 Idem	
					119.50-121.00: # 221488 Idem	
				121.00-147.10: «HM++, CL, SR» Hématisation, forte et pervasive. De 130.00 à 147.00: La chlorite se retrouve en minces bandes aux épontes de veinules et comme matrice des fractures. (≤ 10cm). La séricite est avec la chlorite ainsi qu'intergranulaire (faible).	121.00-122.50: # 221489 Idem	
					122.50-124.00: # 221490 Idem	
					124.00-125.50: # 221491 Py (tr)	124.10-129.80: # 70212 Litho
					125.50-127.00: # 221492 Idem	
					127.00-128.50: # 221493 Idem	
					128.50-130.00: # 221494 Idem	
130.00 A 215.60	«SYE»	SYÉNITE (Idem à la section 37.00-130.00) 130.00-140.50: Faiblement fracturée, veinules Qz-Cc (3%). Moyennement magnétique.			130.00-131.50: # 221495 Idem	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					131.50-133.00: # 221496 Idem	
					133.00-134.50: # 221497 Idem	
					134.50-136.00: # 221498 Idem	
					136.00-137.50: # 221499 Idem	
					137.50-139.00: # 221500 Idem.	
					139.00-140.50: # 221351 Py (tr)	
		140.50-146.90: Moyennement magnétique.			140.50-142.00: # 221352 Idem	
					142.00-143.50: # 221353 Idem; veine Qz-Cc (2cm).	
					143.50-145.00: # 221354 Py (tr) fine fracture + Qz-Cc (3%).	
					145.00-146.50: # 221355 Idem	
		146.90-147.10: Veine Qz-Cc.			146.50-148.00: # 221356 Idem	
		147.10-147.80:		┤147.10-147.80├: «SR+»		

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		Faiblement cisaillée quelque peu bréchique.		Dans les fractures, plan de foliation ou comme matrice.		
				⎨147.80-150.00⎬: «HM+»		
				Moyenne et pervasive.	148.00-149.50: # 221357 Idem	
					149.50-151.00: # 221358 Py (tr) un peu plus fine (et concentrée) avec la séricite.	
				⎨150.00-157.00⎬: «HM, SR»		
				Hématisation, faible, pervasive. La séricite est dans les fissures ainsi qu'intergranulaire.	151.00-152.50: # 221359 Py (tr) aux épontes de V.QZ-CC (2mm /1%) 3% py.	
					152.50-154.00: # 221360 Py (tr à moins 1%).	
					154.00-155.50: # 221361 Py (tr)	
		156.10-156.26: Veines QZ-CC (deux veines ≤ 6cm).			155.50-157.00: # 221362 Py (tr.) aux épontes des V.QZ-CC (2-3%) locale.	
		157.00-158.50: Faiblement fracturée.		⎨157.00-163.25⎬: «HM»	157.00-158.50: # 221363 Py (tr)	
				De moyenne à un peu plus forte, pervasive.		
		158.50-160.00: Fracture + QZ-CC (3-5%).			158.50-160.00: # 221364 Py (tr-1%) aux épontes.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					160.00-161.50: # 221365 Py (tr) Idem V.QZ-CC (3%).	
					161.50-163.00: # 221366 Py (tr). Veinules QZ-CC (5%).	
		163.25-163.60: Cisaillement.		┤163.25-163.60├: «SR+, HM, CC, CL»	163.00-164.50: # 221367 Py (1%). Dans le cisaillement (5%) Py disséminée.	
				┤163.60-166.00├: «HM»	164.50-166.00: # 221368 Py (tr 1%) fines fractures + QZ-CC (5%)	166.40-170.00: # 70213 Litho
				┤166.00-176.50├: «HM, SR» Faible à moyenne pour l'hématisation. Trace pour la séricitisation. La roche est d'un verdâtre à rougeâtre.	166.00-167.50: # 221369 Py (tr-1%) fine + disséminée, fines fractures + QZ-CC (5-10%).	
					Standard; # 221370 INMET # 3	
					167.50-169.00: # 221371 Py (tr.) fines fractures + Qz-CC (10%).	
					169.00-170.50: # 221372 Py (1%) fine + disséminée.	
					170.50-172.00: # 221373 Py (tr-1%)	
		171.00-172.00: Veinules QZ-CC (5%).				
					172.00-173.50: # 221374 Py (tr)	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					173.50-175.00: # 221375 Idem	
					175.00-176.50: # 221376 Idem	
				⟨176.50-187.05⟩: «HM+»	176.50-178.00: # 221377 Idem	
					178.00-179.50: # 221378 Idem	
					179.50-181.00: # 221379 Idem	
		181.00-187.05: Carotte en morceaux (10%) et finement fracturée (15%). Veinules QZ-CC (5%).			181.00-182.50: # 221380 Idem	
					182.50-184.00: # 221381 Idem	
					184.00-185.50: # 221382 Idem	
					185.50-187.00: # 221383 Py (tr). Sur les 20cm inférieur 5% Pyrite disséminée.	
			45			
		187.05-187.20: Dyke mafique, grain fin, verdâtre, non magnétique.		⟨187.05-187.20⟩: «CL, SR»	187.00-188.50: # 221384 Py (tr-1%) près du dyke.	
				⟨187.20-191.60⟩: «HM+»	188.50-190.00: # 221385 Py (tr), 3% fines veinules QZ-CC.	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					190.00-191.50: # 221386 Py (tr) 1% veinules QZ-CC.	
			50	┤191.60-192.00├: «CL, CC»		
		191.60-192.00:				
		Dyke mafique, grenu, fin, vert moyen, massif et non magnétique.	40	Faible à moyenne, pervasive. ┤192.00-194.25├: «HM+»	191.50-193.00: # 221387 Idem	
					193.00-194.50: # 221388 Idem	
		194.25-194.35: Dyke mafique, idem à 191.60-192.00.		┤194.25-194.35├:«CL, CC» Idem	194.50-196.00: # 221389 Idem.	
			20 20	┤194.35-19600├: «HM+»		
		196.00-198.00: Dyke mafique. Idem à 191.60-192.00		Idem	196.00-197.50: # 221390 Py (tr) fine et disséminée dans le dyke.	
					197.50-199.00: # 221391 Py (tr.)	
				┤198.00-215.60├: «SR»		
		198.00-215.60: 10% fines veinules de QZ-CC.		Localement aux épontes des veines et veinules de QZ-CC. La roche est plutôt grise. Localement vert-beige en présence de séricite.	199.00-200.50: # 221392 Idem	
					200.50-202.00: # 221393 Idem	
					202.00-203.50: # 221394 Idem	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					203.50-205.00: # 221395 Idem, fine + disséminée localement 5mm, près d'une veine. 205.00-206.50: # 221396 Py (tr) 206.50-208.00: # 221397 Py (tr) 208.00-209.50: # 221398 Py (tr) 209.50-211.00: # 221399 Idem 211.00-212.50: # 221400 Idem 212.50-214.00: # 222268 Idem 214.00-215.60: # 222269 Py (tr); 3-4% près du contact inférieur sur 10cm.	
215.60 A 227.30	«BAS»	BASALTE Grain fin, massif et quelque peu bréchique, vert moyen à foncé. Non magnétique. Veinules de quartz-calcite (15-20%).		[215.60-227.30]: «CL, SR» Faible, semblent devenir plus fortement chloritisées vers la fin du trou. Un peu silicifiées au contact supérieur.	215.60-217.00: # 222270 Py (tr) 217.00-218.50: # 222271 Py (tr) 218.50-220.00: # 222272 Idem 220.00-221.50: # 222273	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					Idem	
					221.50-223.00: # 222274 Idem	221.20-224.20: # 70214 Litho
					223.00-224.50: # 222275 Py (tr) localement un petit amas.	
					224.50-226.00: # 222276 Py (tr)	
		225.30-227.30: «ARG» Minces lits argillitiques faiblement graphiteux.			226.00-227.30: # 222277 Py (tr)	
227.30 A 227.30		Fin du trou (11 juin 1998).				

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
221412	1.52	4.00	2.48	25	40	2	0.2	5	1	2	2
221413	4.00	5.50	1.50	29	44	2	0.2	5	1	4	2
221414	5.50	7.00	1.50	24	70	14	0.2	5	1	6	2
221415	7.00	8.50	1.50	23	704	264	0.2	5	1	32	2
221416	8.50	10.00	1.50	22	78	46	0.2	5	1	22	2
221417	10.00	11.50	1.50	23	28	2	0.2	5	1	74	2
221418	11.50	13.00	1.50	15	18	2	0.2	5	1	100	2
221419	13.00	14.50	1.50	28	20	2	0.2	5	1	118	2
221421	19.00	20.50	1.50	9	22	6	0.2	20	1	90	2
221422	24.00	25.50	1.50	17	30	8	0.2	5	1	86	2
221423	25.50	27.00	1.50	33	30	2	0.2	5	1	58	2
221424	27.00	28.50	1.50	27	36	8	0.2	5	1	64	2
221425	28.50	30.00	1.50	40	602	2	0.2	5	1	94	2
221426	30.00	31.50	1.50	39	914	32	0.2	5	3	106	2
221427	31.50	33.00	1.50	13	208	36	0.6	5	248	30	2
221428	33.00	34.50	1.50	18	342	208	0.2	5	10	22	2
221429	34.50	36.00	1.50	10	1565	20	0.2	5	13	6	2
221430	36.00	37.10	1.10	26	24	2	0.2	5	3	8	2
221431	37.10	38.50	1.40	20	42	2	0.2	5	2	2	2
221432	38.50	40.00	1.50	19	46	2	0.2	5	1	2	2
221433	40.00	41.50	1.50	17	50	4	0.2	5	2	2	2
221434	41.50	43.00	1.50	5	40	2	0.2	5	1	2	2
221435	43.00	44.50	1.50	6	46	2	0.2	30	1	2	2
221436	44.50	46.00	1.50	6	34	6	0.2	15	1	18	2
221437	46.00	47.50	1.50	6	30	6	0.2	5	1	2	2
221438	47.50	49.00	1.50	3	38	6	0.2	5	1	2	2
221439	49.00	50.50	1.50	3	38	2	0.2	5	1	2	2
221440	50.50	52.00	1.50	5	36	4	0.2	5	1	2	2
221441	52.00	53.50	1.50	11	32	2	0.2	5	1	2	2
221442	53.50	55.00	1.50	5	20	6	0.2	20	1	4	2
221443	55.00	56.50	1.50	7	18	10	0.2	5	1	4	2
221444	56.50	58.00	1.50	5	32	6	0.2	5	1	2	2
221445	58.00	59.50	1.50	4	26	12	0.2	5	1	2	2
221446	59.50	61.00	1.50	3	26	8	0.2	5	1	2	2
221447	61.00	62.50	1.50	3	28	12	0.2	5	1	2	2
221448	62.50	64.00	1.50	7	38	4	0.2	10	1	2	2
221449	64.00	65.50	1.50	4	38	28	0.2	5	1	2	2
221451	65.50	67.00	1.50	7	32	82	0.2	15	1	2	2
221452	67.00	68.50	1.50	5	32	8	0.2	60	1	2	2
221453	68.50	70.00	1.50	6	26	2	0.2	5	1	2	2
221454	70.00	71.50	1.50	4	36	2	0.2	15	1	2	2
221455	71.50	73.00	1.50	3	26	4	0.2	10	1	2	2
221456	73.00	74.50	1.50	4	20	2	0.2	20	1	2	2
221457	74.50	76.00	1.50	5	20	6	0.2	20	1	2	2
221458	76.00	77.50	1.50	6	20	2	0.2	25	1	2	2
221459	77.50	79.00	1.50	5	36	2	0.2	15	2	2	2
221460	79.00	80.50	1.50	4	52	2	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
221461	80.50	82.00	1.50	4	40	2	0.2	5	1	2	2
221462	82.00	83.50	1.50	4	28	2	0.2	5	1	2	2
221463	83.50	85.00	1.50	3	24	2	0.2	5	1	2	2
221464	85.00	86.50	1.50	3	22	2	0.2	5	1	2	2
221465	86.50	88.00	1.50	4	30	6	0.2	5	1	2	2
221466	88.00	89.50	1.50	3	40	8	0.2	5	1	2	2
221467	89.50	91.00	1.50	3	30	12	0.2	15	1	2	2
221468	91.00	92.50	1.50	4	32	12	0.2	15	2	2	2
221469	92.50	94.00	1.50	3	30	6	0.2	10	1	2	2
221470	94.00	95.50	1.50	4	30	6	0.2	5	1	2	2
221471	95.50	97.00	1.50	3	36	6	0.2	5	1	2	2
221472	97.00	98.50	1.50	3	32	8	0.2	5	1	2	2
221473	98.50	100.00	1.50	2	18	6	0.2	5	1	2	2
221474	100.00	101.50	1.50	3	16	4	0.2	5	1	2	2
221475	101.50	103.00	1.50	5	22	2	0.2	5	1	2	2
221476	103.00	104.50	1.50	10	24	2	0.2	5	1	2	2
221477	104.50	106.00	1.50	6	18	4	0.2	5	1	2	2
221478	106.00	107.50	1.50	3	46	2	0.2	5	1	2	2
221479	107.50	109.00	1.50	3	54	2	0.2	5	1	2	2
221480	109.00	110.50	1.50	5	58	14	0.2	5	1	2	2
221481	110.50	112.00	1.50	4	54	8	0.2	5	1	6	2
221482	112.00	113.50	1.50	3	52	8	0.2	5	1	2	2
221483	113.50	115.00	1.50	3	28	6	0.2	5	1	2	2
221484	115.00	116.50	1.50	3	28	4	0.2	5	1	2	2
221486	116.50	118.00	1.50	3	30	4	0.2	5	1	2	2
221487	118.00	119.50	1.50	3	32	2	0.2	5	1	2	2
221488	119.50	121.00	1.50	3	28	2	0.2	10	1	2	2
221489	121.00	122.50	1.50	4	42	2	0.2	10	1	2	2
221490	122.50	124.00	1.50	4	34	2	0.2	5	1	2	2
221491	124.00	125.50	1.50	4	44	2	0.2	15	1	2	2
221492	125.50	127.00	1.50	6	44	2	0.2	20	1	2	2
221493	127.00	128.50	1.50	4	46	2	0.2	25	1	2	2
221494	128.50	130.00	1.50	4	54	2	0.2	5	1	2	2
221495	130.00	131.50	1.50	5	46	2	0.2	5	1	2	2
221496	131.50	133.00	1.50	4	32	2	0.2	5	1	2	2
221497	133.00	134.50	1.50	8	58	2	0.2	5	1	2	2
221498	134.50	136.00	1.50	4	50	2	0.2	5	1	2	2
221499	136.00	137.50	1.50	5	38	2	0.2	5	2	2	2
221500	137.50	139.00	1.50	3	38	4	0.2	5	1	2	2
221351	139.00	140.50	1.50	5	30	6	0.2	5	3	2	2
221352	140.50	142.00	1.50	5	36	2	0.2	5	1	2	2
221353	142.00	143.50	1.50	12	24	4	0.2	5	1	2	2
221354	143.50	145.00	1.50	9	50	2	0.2	5	1	2	2
221355	145.00	146.50	1.50	5	32	2	0.2	5	1	2	2
221356	146.50	148.00	1.50	4	24	2	0.2	5	1	2	2
221357	148.00	149.50	1.50	4	26	2	0.2	5	1	2	2
221358	149.50	151.00	1.50	3	40	6	0.2	5	1	2	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
221359	151.00	152.50	1.50	3	38	2	0.2	5	1	4	2
221360	152.50	154.00	1.50	4	20	10	0.2	5	1	2	2
221361	154.00	155.50	1.50	5	26	4	0.2	5	1	2	2
221362	155.50	157.00	1.50	4	24	8	0.2	5	1	2	2
221363	157.00	158.50	1.50	5	16	8	0.2	5	1	12	2
221364	158.50	160.00	1.50	8	24	2	0.2	5	1	2	2
221365	160.00	161.50	1.50	6	26	240	0.2	5	1	2	6
221366	161.50	163.00	1.50	6	28	2	0.2	30	3	2	2
221367	163.00	164.50	1.50	5	20	2	0.2	5	1	2	2
221368	164.50	166.00	1.50	7	22	26	0.2	5	1	10	2
221369	166.00	167.50	1.50	9	42	16	0.2	5	1	4	2
221371	167.50	169.00	1.50	26	30	2	0.2	5	1	2	2
221372	169.00	170.50	1.50	18	42	2	0.2	5	1	2	2
221373	170.50	172.00	1.50	29	28	10	0.2	5	1	2	2
221374	172.00	173.50	1.50	10	24	2	0.2	5	1	2	2
221375	173.50	175.00	1.50	10	46	10	0.2	5	1	2	2
221376	175.00	176.50	1.50	7	42	2	0.2	5	1	6	2
221377	176.50	178.00	1.50	6	22	2	0.2	5	1	2	2
221378	178.00	179.50	1.50	8	14	2	0.2	5	1	2	2
221379	179.50	181.00	1.50	6	14	2	0.2	5	1	2	2
221380	181.00	182.50	1.50	8	14	4	0.2	5	1	2	2
221381	182.50	184.00	1.50	7	32	6	0.2	5	1	2	2
221382	184.00	185.50	1.50	4	34	2	0.2	5	1	2	2
221383	185.50	187.00	1.50	9	38	2	0.2	10	1	2	2
221384	187.00	188.50	1.50	12	48	2	0.2	5	1	2	2
221385	188.50	190.00	1.50	7	24	2	0.2	5	1	2	2
221386	190.00	191.50	1.50	7	42	6	0.2	5	1	2	2
221387	191.50	193.00	1.50	25	62	6	0.2	5	1	2	2
221388	193.00	194.50	1.50	9	62	6	0.2	5	1	2	2
221389	194.50	196.00	1.50	9	50	6	0.2	5	1	2	2
221390	196.00	197.50	1.50	34	76	18	0.2	5	1	2	2
221391	197.50	199.00	1.50	62	90	16	0.2	5	1	2	2
221392	199.00	200.50	1.50	10	44	18	0.2	5	1	2	2
221393	200.50	202.00	1.50	10	54	16	0.2	5	3	2	2
221394	202.00	203.50	1.50	9	44	20	0.2	5	1	8	2
221395	203.50	205.00	1.50	7	84	74	0.2	5	1	10	2
221396	205.00	206.50	1.50	9	64	16	0.2	5	1	8	2
221397	206.50	208.00	1.50	9	66	20	0.2	5	1	6	2
221398	208.00	209.50	1.50	5	148	32	0.2	5	2	6	2
221399	209.50	211.00	1.50	6	74	26	0.2	5	1	10	2
221400	211.00	212.50	1.50	9	70	20	0.2	5	3	6	2
222268	212.50	214.00	1.50	5	64	18	0.2	5	2	6	2
222269	214.00	215.60	1.60	5	98	16	0.2	5	1	2	2
222270	215.60	217.00	1.40	3	46	16	0.2	5	2	8	2
222271	217.00	218.50	1.50	3	48	14	0.2	5	1	10	2
222272	218.50	220.00	1.50	3	52	12	0.2	5	2	2	2
222273	220.00	221.50	1.50	3	54	12	0.2	5	1	10	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
222274	221.50	223.00	1.50	2	58	16	0.2	5	1	6	2
222275	223.00	224.50	1.50	2	48	14	0.2	5	2	2	2
222276	224.50	226.00	1.50	4	40	8	0.2	5	3	6	2
222277	226.00	227.30	1.30	37	44	4	0.2	5	3	8	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	28.50	36.00	7.50	24	726	60	0.3	5	55	52	2

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70209	39.00	42.00	3.00	8	46	2	0.2	5	4.19	1.81	5.02	5.34	1.65	58.94	0.49	15.51	0.07	3.70	0.36	5.41	0.02	940	198	11	99.26	0
70210	55.00	59.50	4.50	4	28	6	0.2	5	3.69	1.73	4.37	5.69	1.92	59.42	0.43	15.01	0.08	5.60	0.27	6.31	0.47	1710	183	6	99.33	0
70211	89.50	94.00	4.50	3	28	6	0.2	5	3.70	1.75	4.23	4.95	2.17	60.01	0.42	14.64	0.08	5.40	0.26	6.42	0.24	1825	180	7	99.04	0
70212	124.10	129.80	5.70	4	56	2	0.2	5	3.84	1.46	3.58	6.61	2.61	60.76	0.45	16.02	0.06	2.40	0.31	3.48	0.13	1950	189	11	99.61	0
70213	166.40	170.00	3.60	27	38	4	0.2	5	3.46	1.33	4.09	5.41	2.32	60.61	0.43	15.65	0.06	3.30	0.29	4.96	0.41	2100	192	7	99.00	0
70214	221.20	224.20	3.00	1	54	12	0.2	5	3.99	1.66	4.25	3.59	2.95	60.47	0.43	15.82	0.07	3.00	0.31	5.12	0.05	2710	192	10	99.10	0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I 9 8 2 1 2 5 7

BILLING INFORMATION

Date: 16-JUN-98
Project: 776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9821257

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
101	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	Au + ICP Package	6.25*	11.35	1146.35
4	225 - Run as received	0.30		
	Au + ICP Package	6.25*	6.55	26.20

Total Cost $	1172.55
Client Discount (20% of $516.30) $	-103.26
Net Cost $	1069.29
(Reg# R100938885) GST $	74.85
TOTAL PAYABLE (CDN) $	**1144.14**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9821257

Comments: ATTN: BERNARD BOILY

CERTIFICATE A9821257

(HYA) - INMET MINING CORPORATION

Project: 776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 16-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	101	Geochem ring to approx 150 mesh
226	101	0-3 Kg crush and split
3202	101	Rock - save entire reject
225	4	Run as received
229	105	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	105	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	105	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	105	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	105	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	105	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	105	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	105	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	105	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Certificate Date: 16-JUN-98
Invoice No. :I9821257
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821257

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 222396	205 226	35	< 0.2	4	85	< 1	< 2	< 2	44		
LDX 222397	205 226	10	< 0.2	< 2	36	< 1	< 2	2	46		
LDX 222398	205 226	15	< 0.2	< 2	26	< 1	< 2	< 2	34		
LDX 222399	205 226	15	< 0.2	< 2	29	< 1	< 2	< 2	38		
LDX 222400	225 229	1970	0.4	10	193	6	18	< 2	86		
LDX 222401	205 226	10	< 0.2	< 2	24	< 1	< 2	< 2	42		
LDX 222402	205 226	10	< 0.2	< 2	6	< 1	< 2	2	26		
LDX 222403	205 226	20	< 0.2	< 2	40	< 1	2	< 2	42		
LDX 222404	205 226	15	< 0.2	8	69	< 1	2	< 2	42		
LDX 222405	205 226	20	< 0.2	< 2	49	< 1	< 2	< 2	52		
LDX 222406	205 226	20	< 0.2	< 2	27	3	< 2	< 2	44		
LDX 222407	205 226	20	< 0.2	< 2	38	1	2	< 2	50		
LDX 222408	205 226	140	< 0.2	< 2	96	12	2	2	82		
LDX 222409	205 226	10	< 0.2	< 2	29	7	2	< 2	38		
LDX 222410	205 226	5	< 0.2	< 2	27	< 1	< 2	< 2	32		
LDX 222411	205 226	10	< 0.2	< 2	26	2	< 2	< 2	38		
LDX 222412	205 226	10	< 0.2	8	33	< 1	< 2	< 2	42		
LDX 222413	205 226	15	< 0.2	8	38	< 1	< 2	2	46		
LDX 222414	205 226	20	< 0.2	10	28	1	< 2	< 2	38		
LDX 222415	205 226	10	< 0.2	< 2	51	< 1	< 2	< 2	36		
LDX 222416	205 226	15	< 0.2	< 2	36	6	< 2	< 2	40		
LDX 222417	205 226	20	< 0.2	< 2	16	< 1	< 2	< 2	20		
LDX 222418	205 226	20	< 0.2	< 2	43	< 1	2	< 2	30		
LDX 222419	205 226	5	< 0.2	4	23	1	< 2	< 2	28		
LDX 222420	205 226	< 5	< 0.2	< 2	23	1	< 2	< 2	30		
LDX 222421	205 226	< 5	< 0.2	< 2	29	< 1	2	2	28		
LDX 222422	205 226	130	0.4	< 2	26	< 1	2	< 2	40		
LDX 222423	205 226	75	< 0.2	6	98	< 1	< 2	4	92		
LDX 222424	205 226	50	< 0.2	6	140	1	< 2	< 2	90		
LDX 222425	205 226	< 5	< 0.2	< 2	74	2	< 2	< 2	104		
LDX 222426	205 226	< 5	< 0.2	< 2	90	< 1	< 2	2	234		
LDX 222427	205 226	< 5	< 0.2	8	102	< 1	< 2	< 2	280		
LDX 222428	205 226	20	< 0.2	< 2	178	3	2	2	186		
LDX 222429	205 226	20	< 0.2	< 2	93	2	< 2	< 2	136		
LDX 222430	225 229	215	1.2	114	856	5	>10000	2	420		
LDX 222431	205 226	60	< 0.2	< 2	68	1	14	< 2	128		
LDX 222432	205 226	30	< 0.2	< 2	88	< 1	2	< 2	114		
LDX 222433	205 226	10	< 0.2	< 2	96	< 1	< 2	< 2	134		
LDX 222434	205 226	< 5	< 0.2	< 2	84	< 1	2	< 2	116		
LDX 222435	205 226	< 5	< 0.2	< 2	50	< 1	< 2	< 2	126		

CERTIFICATION: Hans Bielle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Certificate Date: 16-JUN-98
Invoice No. :I9821257
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821257

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 222436	205	226	15	< 0.2	< 2	88	< 1	< 2	< 2	94		
LDX 222437	205	226	240	0.6	4	95	< 1	4	< 2	86		
LDX 222438	205	226	< 5	< 0.2	12	86	< 1	< 2	< 2	72		
LDX 222439	205	226	< 5	< 0.2	< 2	108	< 1	< 2	2	138		
LDX 222440	205	226	< 5	< 0.2	< 2	142	2	< 2	< 2	150		
LDX 222441	205	226	< 5	< 0.2	< 2	87	1	< 2	< 2	184		
LDX 222442	205	226	< 5	< 0.2	< 2	107	3	2	< 2	90		
LDX 222443	205	226	670	0.2	2	83	< 1	2	4	76		
LDX 222444	205	226	20	< 0.2	4	80	4	2	< 2	68		
LDX 222445	205	226	10	< 0.2	8	88	1	< 2	< 2	110		
LDX 222446	205	226	20	< 0.2	< 2	95	1	2	2	110		
LDX 222447	205	226	< 5	< 0.2	12	96	< 1	8	4	114		
LDX 222448	205	226	10	< 0.2	< 2	84	< 1	< 2	< 2	92		
LDX 222449	205	226	10	< 0.2	2	93	1	2	< 2	84		
LDX 222450	205	226	5	< 0.2	28	106	4	< 2	< 2	116		
LDX 222451	205	226	5	< 0.2	10	91	1	12	< 2	146		
LDX 222452	205	226	20	< 0.2	< 2	86	1	8	< 2	108		
LDX 222453	205	226	15	< 0.2	2	92	1	< 2	< 2	112		
LDX 222454	205	226	20	< 0.2	8	93	< 1	< 2	< 2	148		
LDX 222455	205	226	10	< 0.2	14	100	< 1	2	2	160		
LDX 222456	205	226	< 5	< 0.2	8	106	1	4	< 2	154		
LDX 222457	205	226	170	0.2	< 2	95	< 1	10	4	196		
LDX 222458	205	226	50	0.2	6	131	< 1	< 2	6	104		
LDX 222459	205	226	< 5	< 0.2	10	132	< 1	< 2	4	98		
LDX 222460	225	229	8310	2.0	8	111	44	26	< 2	72		
LDX 222461	205	226	20	< 0.2	20	94	1	< 2	4	138		
LDX 222462	205	226	250	0.2	2	63	24	6	< 2	64		
LDX 222463	205	226	10	< 0.2	10	106	10	2	4	212		
LDX 222464	205	226	10	< 0.2	< 2	104	4	< 2	2	190		
LDX 222465	205	226	15	< 0.2	6	107	4	< 2	< 2	94		
LDX 222466	205	226	20	< 0.2	12	91	1	< 2	< 2	88		
LDX 222467	205	226	5	< 0.2	10	96	< 1	< 2	4	84		
LDX 222468	205	226	< 5	< 0.2	6	112	< 1	< 2	< 2	96		
LDX 222469	205	226	20	< 0.2	8	87	< 1	< 2	2	110		
LDX 222470	205	226	15	< 0.2	< 2	106	< 1	< 2	6	110		
LDX 222471	205	226	10	< 0.2	2	112	< 1	< 2	< 2	114		
LDX 222472	205	226	< 5	< 0.2	< 2	105	< 1	< 2	< 2	80		
LDX 222473	205	226	< 5	< 0.2	< 2	93	< 1	< 2	< 2	98		
LDX 222474	205	226	10	< 0.2	< 2	120	< 1	< 2	< 2	104		
LDX 222475	205	226	15	< 0.2	< 2	113	< 1	< 2	< 2	104		

CERTIFICATION: Ian Bell

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Page Number :3
Total Pages :3
Certificate Date: 16-JUN-98
Invoice No. :I9821257
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821257

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 222476	205	226	15	< 0.2	< 2	130	< 1	< 2	< 2	78		
LDX 222477	205	226	10	< 0.2	< 2	117	< 1	< 2	< 2	104		
LDX 222478	205	226	15	< 0.2	4	64	1	< 2	2	98		
LDX 222479	205	226	55	1.0	8	40	2	2	< 2	60		
LDX 222480	205	226	10	< 0.2	6	83	< 1	< 2	< 2	134		
LDX 222481	205	226	< 5	< 0.2	6	103	< 1	< 2	8	90		
LDX 222482	205	226	10	< 0.2	8	134	< 1	< 2	2	94		
LDX 222483	205	226	< 5	< 0.2	2	113	< 1	< 2	< 2	76		
LDX 222484	205	226	< 5	< 0.2	< 2	114	< 1	< 2	6	88		
LDX 222485	205	226	90	< 0.2	< 2	140	< 1	< 2	< 2	98		
LDX 222486	205	226	< 5	< 0.2	< 2	125	< 1	< 2	6	90		
LDX 222487	205	226	10	< 0.2	< 2	109	< 1	< 2	< 2	78		
LDX 222488	205	226	< 5	< 0.2	< 2	102	< 1	< 2	2	96		
LDX 222489	205	226	25	< 0.2	6	99	< 1	< 2	< 2	98		
LDX 222490	225	229	3010	3.0	8	3980	8	26	< 2	364		
LDX 222491	205	226	5	< 0.2	10	129	< 1	< 2	4	134		
LDX 222492	205	226	< 5	< 0.2	< 2	105	< 1	< 2	< 2	94		
LDX 222493	205	226	20	< 0.2	< 2	106	< 1	< 2	2	102		
LDX 222494	205	226	< 5	< 0.2	2	123	< 1	< 2	< 2	104		
LDX 222495	205	226	15	< 0.2	2	125	< 1	< 2	4	142		
LDX 222496	205	226	< 5	< 0.2	6	105	< 1	< 2	2	116		
LDX 222497	205	226	< 5	< 0.2	8	106	< 1	< 2	< 2	82		
LDX 222498	205	226	20	< 0.2	6	110	< 1	< 2	< 2	100		
LDX 222499	205	226	< 5	< 0.2	8	53	3	2	2	68		
LDX 222500	205	226	< 5	< 0.2	10	119	< 1	< 2	< 2	116		

CERTIFICATION: Hart Biddle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Page Number :3
Total Pages :3
Certificate Date: 16-JUN-98
Invoice No. : I9821260
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9821260

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 222370	205 226	< 5	< 0.2	6	34	< 1	6	2	30		
LDX 222371	205 226	< 5	< 0.2	< 2	64	< 1	6	6	52		
LDX 222372	205 226	< 5	< 0.2	< 2	46	< 1	6	< 2	44		
LDX 222373	205 226	< 5	< 0.2	< 2	45	147	4	< 2	60		
LDX 222374	205 226	< 5	< 0.2	2	38	290	8	< 2	36		
LDX 222375	205 226	< 5	< 0.2	< 2	16	47	10	< 2	26		
LDX 222376	205 226	30	< 0.2	10	122	15	18	< 2	50		
LDX 222377	205 226	< 5	< 0.2	54	95	25	2	< 2	96		
LDX 222378	205 226	< 5	< 0.2	82	104	7	10	< 2	62		
LDX 222379	205 226	40	0.6	16	34	191	28	< 2	42		
LDX 222380	205 226	30	0.4	134	117	4	16	2	72		
LDX 222381	205 226	< 5	0.2	90	103	51	8	< 2	126		
LDX 222382	205 226	< 5	< 0.2	14	109	4	8	2	174		
LDX 222383	205 226	10	< 0.2	< 2	72	10	8	2	116		
LDX 222384	225 229	2730	3.0	6	3670	10	30	< 2	376		
LDX 222385	205 226	10	< 0.2	26	147	5	26	2	302		
LDX 222386	205 226	20	< 0.2	48	100	4	12	< 2	162		
LDX 222387	205 226	< 5	< 0.2	8	56	< 1	< 2	< 2	56		
LDX 222388	205 226	< 5	< 0.2	12	67	1	< 2	< 2	54		
LDX 222389	205 226	15	< 0.2	< 2	40	1	4	< 2	72		
LDX 222390	205 226	5	< 0.2	< 2	34	1	2	< 2	82		
LDX 222391	205 226	10	< 0.2	< 2	58	3	< 2	< 2	56		
LDX 222392	205 226	< 5	< 0.2	< 2	52	3	< 2	2	62		
LDX 222393	205 226	< 5	< 0.2	4	35	< 1	< 2	2	62		
LDX 222394	205 226	< 5	< 0.2	< 2	72	3	6	2	70		
LDX 222395	205 226	< 5	< 0.2	< 2	63	3	6	2	52		

CERTIFICATION: Bert Boily

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I9821913

BILLING INFORMATION

Date: 20-JUN-98
Project: 776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9821913

Terms: Payment due on receipt of invoice 1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	244 - Pulp; prev. prepared at Chemex	0.00		
	312 - Pb %	8.00	8.00	8.00

Total Cost $	8.00
Client Discount (20%) $	-1.60
Net Cost $	6.40
(Reg# R100938885) GST $	0.45
TOTAL PAYABLE (CDN) $	**6.85**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9821913

Comments: ATTN: BERNARD BOILY

CERTIFICATE A9821913

(HYA) - INMET MINING CORPORATION

Project: 776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 20-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

Chemex Labs Ltd.

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To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Page Number : 1
Total Pages : 1
Certificate Date: 20-JUN-98
Invoice No. : I9821913
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9821913

SAMPLE	PREP CODE	Pb %
LDX 222430	244 --	2.40

CERTIFICATION: Said Ahmad

OVERLIMITS from A9821257

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I 9 8 2 1 2 6 0

BILLING INFORMATION

Date: 16-JUN-98
Project: 776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9821260

Terms: Payment due on receipt of invoice 1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
105	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	Au + ICP Package	6.25*	11.35	1191.75
1	225 - Run as received	0.30		
	Au + ICP Package	6.25*	6.55	6.55

Total Cost $	1198.30
Client Discount (20% of $535.80) $	-107.16
Net Cost $	1091.14
(Reg# R100938885) GST $	76.38
TOTAL PAYABLE (CDN) $	**1167.52**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9821260

Comments: ATTN: BERNARD BOILY

CERTIFICATE A9821260

(HYA) - INMET MINING CORPORATION

Project: 776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 16-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	105	Geochem ring to approx 150 mesh
226	105	0-3 Kg crush and split
3202	105	Rock - save entire reject
225	1	Run as received
229	106	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	106	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	106	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	106	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	106	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	106	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	106	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	106	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	106	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Certificate Date: 16-JUN-98
Invoice No. :I9821260
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821260

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 221401	205 226	< 5	< 0.2	10	132	4	4	< 2	130		
LDX 221402	205 226	10	< 0.2	< 2	104	2	< 2	< 2	130		
LDX 221403	205 226	< 5	< 0.2	6	132	1	6	< 2	108		
LDX 221404	205 226	< 5	< 0.2	< 2	95	7	< 2	< 2	76		
LDX 221405	205 226	< 5	< 0.2	< 2	116	9	< 2	< 2	148		
LDX 221406	205 226	< 5	< 0.2	< 2	149	8	2	2	198		
LDX 221407	205 226	15	< 0.2	< 2	181	6	6	< 2	158		
LDX 221408	205 226	< 5	< 0.2	< 2	69	5	< 2	2	98		
LDX 221409	205 226	< 5	< 0.2	< 2	84	1	6	< 2	116		
LDX 221410	205 226	< 5	< 0.2	< 2	85	4	6	< 2	94		
LDX 221411	205 226	< 5	< 0.2	2	87	1	< 2	2	70		
LDX 222301	205 226	< 5	< 0.2	10	45	1	< 2	< 2	26		
LDX 222302	205 226	< 5	< 0.2	6	86	< 1	< 2	< 2	22		
LDX 222303	205 226	< 5	< 0.2	< 2	45	6	< 2	2	34		
LDX 222304	205 226	285	< 0.2	< 2	41	2	6	2	36		
LDX 222305	205 226	360	< 0.2	< 2	16	3	2	< 2	36		
LDX 222306	205 226	375	< 0.2	< 2	31	2	< 2	< 2	38		
LDX 222307	205 226	< 5	< 0.2	2	31	1	< 2	< 2	34		
LDX 222308	205 226	< 5	< 0.2	< 2	37	1	2	< 2	20		
LDX 222309	205 226	10	< 0.2	6	24	< 1	2	< 2	42		
LDX 222310	205 226	< 5	< 0.2	< 2	77	1	2	2	54		
LDX 222311	205 226	< 5	< 0.2	< 2	43	4	< 2	< 2	44		
LDX 222312	205 226	165	< 0.2	< 2	100	9	6	< 2	84		
LDX 222313	205 226	< 5	< 0.2	10	95	7	6	< 2	130		
LDX 222314	205 226	< 5	< 0.2	10	102	8	< 2	< 2	106		
LDX 222315	205 226	< 5	< 0.2	2	88	4	< 2	< 2	88		
LDX 222316	205 226	< 5	0.2	22	285	15	2	2	588		
LDX 222317	205 226	590	< 0.2	8	132	4	4	< 2	60		
LDX 222318	205 226	370	< 0.2	6	104	12	4	< 2	86		
LDX 222319	205 226	120	< 0.2	2	84	8	2	< 2	98		
LDX 222320	205 226	75	< 0.2	< 2	78	10	2	< 2	94		
LDX 222321	205 226	10	< 0.2	8	100	6	< 2	< 2	150		
LDX 222322	205 226	< 5	< 0.2	24	111	5	< 2	< 2	146		
LDX 222323	205 226	180	< 0.2	14	101	8	< 2	2	190		
LDX 222324	205 226	< 5	< 0.2	24	101	18	< 2	2	202		
LDX 222325	205 226	< 5	< 0.2	22	35	23	2	< 2	40		
LDX 222326	205 226	< 5	< 0.2	< 2	40	3	< 2	< 2	30		
LDX 222327	205 226	< 5	< 0.2	< 2	32	< 1	< 2	2	22		
LDX 222328	205 226	< 5	< 0.2	< 2	39	1	6	< 2	42		
LDX 222329	205 226	< 5	< 0.2	10	40	3	2	< 2	64		

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 776
Comments: ATTN: BERNARD BOILY

Certificate Date: 16-JUN-98
Invoice No. :I9821260
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821260

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX 222330	205	226	< 5	< 0.2	6	90	4	< 2	< 2	68		
LDX 222331	205	226	120	< 0.2	8	124	6	< 2	< 2	120		
LDX 222332	205	226	255	< 0.2	16	137	6	< 2	< 2	98		
LDX 222333	205	226	10	< 0.2	< 2	63	9	2	< 2	54		
LDX 222334	205	226	55	< 0.2	< 2	30	22	6	< 2	40		
LDX 222335	205	226	20	< 0.2	< 2	13	7	8	< 2	30		
LDX 222336	205	226	25	< 0.2	< 2	24	2	4	< 2	32		
LDX 222337	205	226	20	< 0.2	< 2	25	3	< 2	2	38		
LDX 222338	205	226	30	< 0.2	< 2	45	4	2	< 2	46		
LDX 222339	205	226	70	< 0.2	< 2	97	2	2	< 2	36		
LDX 222340	205	226	35	< 0.2	< 2	53	3	2	< 2	40		
LDX 222341	205	226	120	< 0.2	< 2	78	1	4	2	34		
LDX 222342	205	226	345	2.0	< 2	183	28	2	< 2	64		
LDX 222343	205	226	15	< 0.2	< 2	28	10	4	2	56		
LDX 222344	205	226	15	< 0.2	< 2	65	1	< 2	2	118		
LDX 222345	205	226	5	< 0.2	< 2	100	9	4	4	156		
LDX 222346	205	226	10	< 0.2	< 2	111	4	4	2	150		
LDX 222347	205	226	15	< 0.2	< 2	114	3	< 2	< 2	146		
LDX 222348	205	226	< 5	< 0.2	< 2	91	7	< 2	< 2	138		
LDX 222349	205	226	< 5	< 0.2	< 2	104	9	< 2	< 2	138		
LDX 222350	205	226	< 5	< 0.2	< 2	98	4	2	2	146		
LDX 222351	205	226	25	0.2	< 2	84	4	8	2	98		
LDX 222352	205	226	< 5	< 0.2	< 2	56	4	< 2	< 2	64		
LDX 222353	205	226	< 5	< 0.2	< 2	134	4	4	2	142		
LDX 222354	205	226	< 5	< 0.2	< 2	27	1	< 2	< 2	20		
LDX 222355	205	226	< 5	< 0.2	< 2	36	1	< 2	< 2	16		
LDX 222356	205	226	125	0.6	< 2	40	24	18	< 2	78		
LDX 222357	205	226	35	0.2	< 2	45	30	8	< 2	70		
LDX 222358	205	226	< 5	< 0.2	< 2	42	26	12	< 2	44		
LDX 222359	205	226	< 5	< 0.2	4	49	4	6	2	44		
LDX 222360	205	226	< 5	< 0.2	4	29	1	< 2	2	20		
LDX 222361	205	226	< 5	< 0.2	< 2	49	1	36	4	50		
LDX 222362	205	226	< 5	< 0.2	< 2	48	< 1	< 2	< 2	26		
LDX 222363	205	226	< 5	< 0.2	< 2	40	1	6	< 2	36		
LDX 222364	205	226	< 5	< 0.2	< 2	45	< 1	< 2	4	26		
LDX 222365	205	226	< 5	< 0.2	< 2	34	1	< 2	2	26		
LDX 222366	205	226	< 5	< 0.2	6	46	8	< 2	2	20		
LDX 222367	205	226	< 5	< 0.2	< 2	46	< 1	10	2	32		
LDX 222368	205	226	< 5	< 0.2	8	40	< 1	4	2	20		
LDX 222369	205	226	< 5	< 0.2	6	43	< 1	< 2	4	24		

CERTIFICATION: Stan Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I9822270

BILLING INFORMATION

Date: 28-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9822270

Terms: Payment due on receipt of invoice 1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
68	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	Au + ICP Package	6.25*	11.35	771.80

Total Cost $	771.80
Client Discount (20% of $346.80) $	-69.36
Net Cost $	702.44
(Reg# R100938885) GST $	49.17
TOTAL PAYABLE (CDN) $	**751.61**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9822270

Comments: ATTN: DANIEL BERNARD

CERTIFICATE A9822270

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 26-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	68	Geochem ring to approx 150 mesh
226	68	0-3 Kg crush and split
3202	68	Rock - save entire reject
229	68	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	68	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	68	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	68	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	68	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	68	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	68	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	68	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	68	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: DANIEL BERNARD

Certificate Date: 26-JUN-98
Invoice No. : I9822270
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9822270

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
205992	205 226	10	< 0.2	< 2	91	< 1	< 2	< 2	128		
205993	205 226	20	< 0.2	< 2	36	< 1	12	< 2	66		
205994	205 226	25	< 0.2	< 2	43	< 1	14	< 2	68		
205995	205 226	< 5	< 0.2	< 2	113	1	2	< 2	116		
205996	205 226	20	0.2	< 2	70	< 1	14	< 2	88		
205997	205 226	10	< 0.2	< 2	85	< 1	< 2	< 2	102		
205998	205 226	< 5	< 0.2	10	79	< 1	< 2	< 2	94		
205999	205 226	< 5	< 0.2	4	78	< 1	< 2	< 2	108		
206000	205 226	6940	2.2	6	107	44	28	< 2	76		
206969	205 226	15	< 0.2	6	69	< 1	< 2	< 2	104		
206970	205 226	30	< 0.2	2	92	< 1	< 2	< 2	104		
206971	205 226	10	< 0.2	2	85	< 1	< 2	< 2	106		
206972	205 226	25	< 0.2	< 2	78	< 1	< 2	< 2	118		
206973	205 226	40	< 0.2	< 2	87	< 1	2	< 2	90		
206974	205 226	30	< 0.2	4	86	< 1	< 2	2	84		
206975	205 226	15	< 0.2	8	80	< 1	< 2	< 2	86		
206976	205 226	5	< 0.2	6	99	< 1	< 2	< 2	118		
206977	205 226	< 5	< 0.2	< 2	84	< 1	2	< 2	102		
206978	205 226	20	< 0.2	< 2	92	< 1	< 2	< 2	106		
206979	205 226	30	< 0.2	6	156	< 1	2	< 2	144		
206980	205 226	20	< 0.2	2	93	< 1	< 2	< 2	208		
206981	205 226	100	0.2	< 2	78	< 1	< 2	< 2	130		
206982	205 226	20	< 0.2	< 2	75	< 1	< 2	< 2	82		
206983	205 226	25	< 0.2	4	97	< 1	2	< 2	92		
206984	205 226	10	< 0.2	< 2	92	< 1	< 2	< 2	80		
206985	205 226	30	< 0.2	< 2	105	< 1	< 2	< 2	92		
206986	205 226	< 5	< 0.2	2	84	< 1	< 2	< 2	106		
206987	205 226	110	0.2	< 2	90	< 1	< 2	< 2	66		
206988	205 226	10	< 0.2	4	101	< 1	< 2	< 2	88		
206989	205 226	110	0.4	< 2	19	< 1	4	< 2	28		
206990	205 226	560	1.2	128	888	5	>10000	< 2	436		
206991	205 226	255	0.6	< 2	7	< 1	20	< 2	22		
206992	205 226	50	< 0.2	< 2	13	< 1	6	< 2	26		
206993	205 226	115	0.8	< 2	74	< 1	4	< 2	60		
206994	205 226	15	< 0.2	< 2	90	< 1	2	< 2	92		
206995	205 226	10	< 0.2	8	91	< 1	< 2	< 2	90		
206996	205 226	15	< 0.2	< 2	79	< 1	< 2	2	88		
206997	205 226	10	< 0.2	6	95	< 1	< 2	< 2	100		
206998	205 226	20	< 0.2	6	86	< 1	2	< 2	112		
206999	205 226	15	< 0.2	< 2	58	< 1	2	< 2	84		

CERTIFICATION: Stewart Bidlake

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

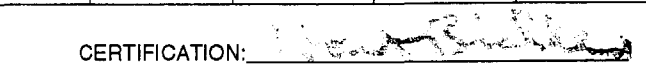
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: DANIEL BERNARD

Certificate Date: 26-JUN-98
Invoice No. : I9822270
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9822270

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
207000	205	226	20	< 0.2	< 2	94	< 1	2	< 2	110		
211307	205	226	140	0.2	< 2	13	< 1	10	< 2	14		
211308	205	226	50	< 0.2	< 2	6	< 1	6	< 2	14		
211309	205	226	15	< 0.2	4	96	< 1	< 2	< 2	106		
211310	205	226	45	< 0.2	< 2	35	< 1	6	< 2	46		
211311	205	226	20	< 0.2	< 2	34	< 1	8	< 2	54		
211312	205	226	30	< 0.2	< 2	55	< 1	2	< 2	48		
211313	205	226	< 5	< 0.2	< 2	79	< 1	< 2	< 2	78		
211314	205	226	< 5	< 0.2	< 2	91	< 1	< 2	< 2	92		
211315	205	226	60	0.2	< 2	63	< 1	2	< 2	50		
211316	205	226	230	0.6	< 2	37	< 1	8	2	40		
211317	205	226	60	< 0.2	8	77	< 1	2	< 2	106		
211318	205	226	50	< 0.2	< 2	13	1	8	2	14		
211319	205	226	20	< 0.2	2	8	4	6	< 2	12		
211320	205	226	40	0.2	8	74	1	2	2	66		
211321	205	226	< 5	< 0.2	6	88	< 1	2	< 2	98		
211322	205	226	210	1.0	14	178	3	2	< 2	52		
211323	205	226	100	0.4	32	60	1	2	8	36		
211324	205	226	20	< 0.2	< 2	7	1	6	< 2	20		
211325	205	226	40	< 0.2	< 2	22	1	2	< 2	18		
211326	205	226	120	< 0.2	< 2	60	< 1	4	< 2	72		
211327	205	226	40	0.2	< 2	9	1	28	2	30		
211328	205	226	5960	0.8	< 2	112	13	20	< 2	90		
211329	205	226	115	0.8	< 2	41	2	14	4	52		
211330	205	226	25	< 0.2	2	87	< 1	2	< 2	122		
211331	205	226	60	< 0.2	< 2	16	< 1	12	< 2	24		
211332	205	226	110	0.2	2	53	< 1	2	< 2	50		
211333	205	226	15	< 0.2	< 2	66	< 1	< 2	< 2	70		

CERTIFICATION: 

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I9823057

BILLING INFORMATION

Date: 30-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9823057

Terms: Payment due on receipt of invoice 1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	244 - Pulp; prev. prepared at Chemex	0.00		
	312 - Pb %	8.00	8.00	8.00

Total Cost $	8.00
Client Discount (20%) $	-1.60
Net Cost $	6.40
(Reg# R100938885) GST $	0.45
TOTAL PAYABLE (CDN) $	**6.85**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9823057

Comments: ATTN: DANIEL BERNARD

CERTIFICATE A9823057

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 29-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: DANIEL BERNARD

Page Number : 1
Total Pages : 1
Certificate Date: 29-JUN-98
Invoice No. : I9823057
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9823057

SAMPLE	PREP CODE	Pb %
206990	244 --	2.32

CERTIFICATION: Hart Biddle

OVERLIMITS from A9822270

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I 9 8 2 1 8 7 9

BILLING INFORMATION

Date: 22-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9821879

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
43	205 - Geochem ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	Au + ICP Package	6.25*	11.35	488.05

Total Cost $	488.05
Client Discount (20% of $219.30) $	-43.86
Net Cost $	444.19
(Reg# R100938885) GST $	31.09
TOTAL PAYABLE (CDN) $	**475.28**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9821879

Comments: ATTN: RICHARD NIEMINEN

CERTIFICATE A9821879

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 22-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	43	Geochem ring to approx 150 mesh
226	43	0-3 Kg crush and split
3202	43	Rock - save entire reject
229	43	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	43	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	43	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	43	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	43	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	43	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	43	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	43	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	43	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Ontario, Canada L4W 2S3
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To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Page Number :1
Total Pages :2
Certificate Date: 22-JUN-98
Invoice No. :I9821879
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821879

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
222278	205 226	15	< 0.2	< 2	69	10	2	< 2	94		
222279	205 226	< 5	< 0.2	< 2	91	< 1	4	< 2	106		
222280	205 226	< 5	< 0.2	< 2	124	< 1	< 2	< 2	120		
222281	205 226	< 5	< 0.2	< 2	97	< 1	< 2	< 2	188		
222282	205 226	< 5	< 0.2	< 2	86	< 1	< 2	< 2	90		
222283	205 226	10	< 0.2	< 2	64	< 1	< 2	< 2	146		
222284	205 226	< 5	< 0.2	< 2	64	< 1	< 2	< 2	134		
222285	205 226	10	< 0.2	< 2	88	< 1	< 2	< 2	172		
222286	205 226	20	< 0.2	< 2	20	7	2	< 2	14		
222287	205 226	30	< 0.2	< 2	51	< 1	< 2	< 2	68		
222288	205 226	< 5	< 0.2	< 2	84	< 1	< 2	< 2	96		
222289	205 226	< 5	< 0.2	< 2	41	< 1	< 2	< 2	56		
222290	205 226	< 5	< 0.2	< 2	84	< 1	< 2	< 2	100		
222291	205 226	< 5	< 0.2	< 2	70	< 1	< 2	< 2	100		
222292	205 226	25	< 0.2	6	73	1	< 2	< 2	40		
222293	205 226	50	< 0.2	< 2	15	2	2	< 2	16		
222294	205 226	< 5	< 0.2	< 2	6	2	2	< 2	16		
222295	205 226	2730	0.4	< 2	208	7	16	< 2	86		
222296	205 226	50	0.4	6	85	< 1	< 2	< 2	80		
222297	205 226	20	< 0.2	< 2	103	< 1	< 2	< 2	142		
222298	205 226	< 5	0.2	10	325	< 1	6	< 2	1190		
222299	205 226	< 5	< 0.2	4	119	< 1	< 2	< 2	118		
222300	205 226	2820	3.2	< 2	3950	9	26	< 2	386		
205972	205 226	< 5	< 0.2	< 2	118	< 1	< 2	< 2	104		
205973	205 226	20	< 0.2	< 2	156	< 1	< 2	< 2	134		
205974	205 226	< 5	< 0.2	< 2	129	< 1	< 2	< 2	100		
205975	205 226	25	< 0.2	< 2	118	1	< 2	< 2	206		
205976	205 226	15	< 0.2	< 2	84	< 1	< 2	< 2	194		
205977	205 226	< 5	< 0.2	< 2	120	< 1	< 2	< 2	108		
205978	205 226	< 5	< 0.2	< 2	128	< 1	< 2	< 2	54		
205979	205 226	35	0.6	< 2	44	< 1	< 2	< 2	54		
205980	205 226	< 5	< 0.2	< 2	30	< 1	< 2	< 2	32		
205981	205 226	30	< 0.2	< 2	40	< 1	< 2	< 2	34		
205982	205 226	10	< 0.2	< 2	34	< 1	< 2	< 2	26		
205983	205 226	20	< 0.2	< 2	32	< 1	< 2	< 2	26		
205984	205 226	110	< 0.2	< 2	72	< 1	< 2	< 2	42		
205985	205 226	10	< 0.2	< 2	114	< 1	< 2	< 2	54		
205986	205 226	40	< 0.2	< 2	104	< 1	< 2	< 2	44		
205987	205 226	15	0.2	< 2	36	< 1	< 2	< 2	34		
205988	205 226	45	< 0.2	< 2	95	< 1	< 2	< 2	66		

CERTIFICATION: H Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 22-JUN-98
Invoice No. : I9821879
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9821879

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
205989	205 226	< 5	< 0.2	< 2	89	< 1	< 2	< 2	80		
205990	205 226	< 5	< 0.2	< 2	90	< 1	< 2	< 2	80		
205991	205 226	< 5	< 0.2	< 2	92	< 1	< 2	< 2	90		

CERTIFICATION: J. Bachlo

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I9821713

BILLING INFORMATION

Date: 22-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9821713

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
149	205 - Geochem ring to approx 150 mesh 0-3 Kg crush and split Au + ICP Package	2.50 2.60 6.25*	11.35	1691.15

Total Cost $	1691.15
Client Discount (20% of $759.90) $	-151.98
Net Cost $	1539.17
(Reg# R100938885) GST $	107.74
TOTAL PAYABLE (CDN) $	**1646.91**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9821713

Comments: ATTN: RICHARD NIEMINEN

CERTIFICATE A9821713

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 21-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	149	Geochem ring to approx 150 mesh
226	149	0-3 Kg crush and split
3202	149	Rock - save entire reject
229	149	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	149	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	149	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2120	149	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	149	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	149	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	149	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	149	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	149	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 20-JUN-98
Invoice No. : I9821713
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9821713

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
221351	205 226	< 5	< 0.2	< 2	5	3	6	< 2	30		
221352	205 226	< 5	< 0.2	< 2	5	1	2	< 2	36		
221353	205 226	< 5	< 0.2	< 2	12	1	4	< 2	24		
221354	205 226	< 5	< 0.2	< 2	9	< 1	2	< 2	50		
221355	205 226	< 5	< 0.2	< 2	5	1	2	< 2	32		
221356	205 226	< 5	< 0.2	< 2	4	1	2	< 2	24		
221357	205 226	< 5	< 0.2	< 2	4	< 1	2	< 2	26		
221358	205 226	< 5	< 0.2	< 2	3	< 1	6	< 2	40		
221359	205 226	< 5	< 0.2	4	3	1	< 2	< 2	38		
221360	205 226	< 5	< 0.2	< 2	4	< 1	10	< 2	20		
221361	205 226	< 5	< 0.2	< 2	5	1	4	< 2	26		
221362	205 226	< 5	< 0.2	< 2	4	1	8	< 2	24		
221363	205 226	< 5	< 0.2	12	5	1	8	< 2	16		
221364	205 226	< 5	< 0.2	2	8	1	2	< 2	24		
221365	205 226	< 5	< 0.2	< 2	6	1	240	6	26		
221366	205 226	30	< 0.2	< 2	6	3	2	< 2	28		
221367	205 226	< 5	< 0.2	2	5	< 1	2	< 2	20		
221368	205 226	< 5	< 0.2	10	7	1	26	< 2	22		
221369	205 226	< 5	< 0.2	4	9	1	16	< 2	42		
221370	205 226	6660	0.6	< 2	100	14	22	< 2	86		
221371	205 226	< 5	< 0.2	< 2	26	1	< 2	< 2	30		
221372	205 226	< 5	< 0.2	< 2	18	< 1	2	< 2	42		
221373	205 226	< 5	< 0.2	< 2	29	< 1	10	< 2	28		
221374	205 226	< 5	< 0.2	< 2	10	< 1	2	< 2	24		
221375	205 226	< 5	< 0.2	< 2	10	1	10	< 2	46		
221376	205 226	< 5	< 0.2	6	7	< 1	< 2	< 2	42		
221377	205 226	< 5	< 0.2	< 2	6	1	2	< 2	22		
221378	205 226	< 5	< 0.2	< 2	8	1	2	< 2	14		
221379	205 226	< 5	< 0.2	< 2	6	< 1	2	< 2	14		
221380	205 226	< 5	< 0.2	< 2	8	1	4	< 2	14		
221381	205 226	< 5	< 0.2	< 2	7	1	6	< 2	32		
221382	205 226	< 5	< 0.2	< 2	4	< 1	< 2	< 2	34		
221383	205 226	10	< 0.2	< 2	9	< 1	< 2	< 2	38		
221384	205 226	< 5	< 0.2	< 2	12	1	2	< 2	48		
221385	205 226	< 5	< 0.2	< 2	7	< 1	2	< 2	24		
221386	205 226	< 5	< 0.2	< 2	7	1	6	< 2	42		
221387	205 226	< 5	< 0.2	< 2	25	< 1	6	< 2	62		
221388	205 226	< 5	< 0.2	< 2	9	< 1	6	< 2	62		
221389	205 226	< 5	< 0.2	< 2	9	1	6	< 2	50		
221390	205 226	< 5	< 0.2	< 2	34	< 1	18	< 2	76		

CERTIFICATION: Fritz Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 20-JUN-98
Invoice No. : I9821713
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821713

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
221391	205 226	< 5	< 0.2	< 2	62	1	16	< 2	90		
221392	205 226	< 5	< 0.2	< 2	10	1	18	< 2	44		
221393	205 226	< 5	< 0.2	< 2	10	3	16	< 2	54		
221394	205 226	< 5	< 0.2	8	9	1	20	< 2	44		
221395	205 226	< 5	< 0.2	10	7	1	74	< 2	84		
221396	205 226	< 5	< 0.2	8	9	1	16	< 2	64		
221397	205 226	< 5	< 0.2	6	9	1	20	< 2	66		
221398	205 226	< 5	< 0.2	6	5	2	32	< 2	148		
221399	205 226	< 5	< 0.2	10	6	1	26	< 2	74		
221400	205 226	< 5	< 0.2	6	9	3	20	< 2	70		
221412	205 226	< 5	< 0.2	< 2	25	< 1	< 2	< 2	40		
221413	205 226	< 5	< 0.2	4	29	1	< 2	< 2	44		
221414	205 226	< 5	< 0.2	6	24	1	14	< 2	70		
221415	205 226	< 5	< 0.2	32	23	< 1	264	< 2	704		
221416	205 226	< 5	< 0.2	22	22	< 1	46	< 2	78		
221417	205 226	< 5	< 0.2	74	23	< 1	< 2	< 2	28		
221418	205 226	< 5	< 0.2	100	15	< 1	< 2	< 2	18		
221419	205 226	< 5	< 0.2	118	28	< 1	< 2	< 2	20		
221420	205 226	6180	0.4	< 2	99	16	20	< 2	88		
221421	205 226	20	< 0.2	90	9	< 1	6	< 2	22		
221422	205 226	< 5	< 0.2	86	17	< 1	8	< 2	30		
221423	205 226	< 5	< 0.2	58	33	< 1	2	< 2	30		
221424	205 226	< 5	< 0.2	64	27	< 1	8	< 2	36		
221425	205 226	< 5	< 0.2	94	40	< 1	2	< 2	602		
221426	205 226	< 5	< 0.2	106	39	3	32	< 2	914		
221427	205 226	< 5	0.6	30	13	248	36	< 2	208		
221428	205 226	< 5	< 0.2	22	18	10	208	2	342		
221429	205 226	< 5	< 0.2	6	10	13	20	< 2	1565		
221430	205 226	< 5	< 0.2	8	26	3	< 2	< 2	24		
221431	205 226	< 5	< 0.2	< 2	20	2	2	< 2	42		
221432	205 226	< 5	< 0.2	< 2	19	1	< 2	< 2	46		
221433	205 226	< 5	< 0.2	< 2	17	2	4	< 2	50		
221434	205 226	< 5	< 0.2	< 2	5	1	2	< 2	40		
221435	205 226	30	< 0.2	< 2	6	1	2	< 2	46		
221436	205 226	15	< 0.2	18	6	< 1	6	< 2	34		
221437	205 226	< 5	< 0.2	< 2	6	1	6	< 2	30		
221438	205 226	< 5	< 0.2	< 2	3	1	6	< 2	38		
221439	205 226	< 5	< 0.2	< 2	3	1	2	< 2	38		
221440	205 226	< 5	< 0.2	< 2	5	1	4	< 2	36		
221441	205 226	< 5	< 0.2	< 2	11	1	< 2	< 2	32		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 20-JUN-98
Invoice No. : I9821713
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9821713

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
221442	205 226	20	< 0.2	4	5	1	6	< 2	20		
221443	205 226	< 5	< 0.2	4	7	1	10	< 2	18		
221444	205 226	< 5	< 0.2	< 2	5	1	6	< 2	32		
221445	205 226	< 5	< 0.2	< 2	4	1	12	< 2	26		
221446	205 226	< 5	< 0.2	< 2	3	< 1	8	< 2	26		
221447	205 226	< 5	< 0.2	< 2	3	1	12	< 2	28		
221448	205 226	10	< 0.2	< 2	7	1	4	< 2	38		
221449	205 226	5	< 0.2	< 2	4	1	28	< 2	38		
221450	205 226	400	1.0	132	837	7	>10000	2	424		
221451	205 226	15	< 0.2	< 2	7	1	82	< 2	32		
221452	205 226	60	< 0.2	< 2	5	1	8	< 2	32		
221453	205 226	< 5	< 0.2	2	6	1	2	< 2	26		
221454	205 226	15	< 0.2	< 2	4	1	< 2	< 2	36		
221455	205 226	10	< 0.2	< 2	3	1	4	< 2	26		
221456	205 226	20	< 0.2	< 2	4	1	2	< 2	20		
221457	205 226	20	< 0.2	< 2	5	1	6	< 2	20		
221458	205 226	25	< 0.2	< 2	6	1	< 2	< 2	20		
221459	205 226	15	< 0.2	< 2	5	2	2	< 2	36		
221460	205 226	< 5	< 0.2	< 2	4	1	2	< 2	52		
221461	205 226	< 5	< 0.2	< 2	4	1	2	< 2	40		
221462	205 226	< 5	< 0.2	< 2	4	1	< 2	< 2	28		
221463	205 226	< 5	< 0.2	< 2	3	1	2	< 2	24		
221464	205 226	< 5	< 0.2	< 2	3	< 1	< 2	< 2	22		
221465	205 226	< 5	< 0.2	< 2	4	1	6	< 2	30		
221466	205 226	< 5	< 0.2	< 2	3	< 1	8	< 2	40		
221467	205 226	15	< 0.2	2	3	1	12	< 2	30		
221468	205 226	15	< 0.2	< 2	4	2	12	< 2	32		
221469	205 226	10	< 0.2	< 2	3	1	6	< 2	30		
221470	205 226	< 5	< 0.2	< 2	4	< 1	6	< 2	30		
221471	205 226	5	< 0.2	< 2	3	1	6	< 2	36		
221472	205 226	< 5	< 0.2	< 2	3	1	8	< 2	32		
221473	205 226	< 5	< 0.2	< 2	2	1	6	< 2	18		
221474	205 226	< 5	< 0.2	< 2	3	1	4	< 2	16		
221475	205 226	< 5	< 0.2	< 2	5	< 1	< 2	< 2	22		
221476	205 226	< 5	< 0.2	< 2	10	< 1	2	< 2	24		
221477	205 226	< 5	< 0.2	< 2	6	1	4	< 2	18		
221478	205 226	< 5	< 0.2	< 2	3	1	2	< 2	46		
221479	205 226	< 5	< 0.2	< 2	3	1	2	< 2	54		
221480	205 226	< 5	< 0.2	2	5	1	14	< 2	58		
221481	205 226	< 5	< 0.2	6	4	1	8	< 2	54		

CERTIFICATION: J. J. Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 20-JUN-98
Invoice No. :I9821713
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9821713

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
221482	205	226	< 5	< 0.2	< 2	3	1	8	< 2	52		
221483	205	226	< 5	< 0.2	< 2	3	1	6	< 2	28		
221484	205	226	< 5	< 0.2	< 2	3	< 1	4	< 2	28		
221485	205	226	8310	2.2	6	106	43	22	< 2	74		
221486	205	226	< 5	< 0.2	< 2	3	< 1	4	< 2	30		
221487	205	226	< 5	< 0.2	< 2	3	1	2	< 2	32		
221488	205	226	10	< 0.2	< 2	3	1	2	< 2	28		
221489	205	226	10	< 0.2	< 2	4	1	< 2	< 2	42		
221490	205	226	< 5	< 0.2	< 2	4	1	2	< 2	34		
221491	205	226	15	< 0.2	< 2	4	< 1	2	< 2	44		
221492	205	226	20	< 0.2	< 2	6	1	< 2	< 2	44		
221493	205	226	25	< 0.2	< 2	4	1	< 2	< 2	46		
221494	205	226	< 5	< 0.2	< 2	4	< 1	2	< 2	54		
221495	205	226	< 5	< 0.2	< 2	5	1	2	< 2	46		
221496	205	226	< 5	< 0.2	< 2	4	1	2	< 2	32		
221497	205	226	< 5	< 0.2	< 2	8	1	< 2	< 2	58		
221498	205	226	< 5	< 0.2	< 2	4	1	< 2	< 2	50		
221499	205	226	< 5	< 0.2	< 2	5	2	< 2	< 2	38		
221500	205	226	< 5	< 0.2	< 2	3	1	4	< 2	38		
222268	205	226	< 5	< 0.2	6	5	2	18	< 2	64		
222269	205	226	< 5	< 0.2	2	5	1	16	< 2	98		
222270	205	226	< 5	< 0.2	8	3	2	16	< 2	46		
222271	205	226	< 5	< 0.2	10	3	1	14	< 2	48		
222272	205	226	< 5	< 0.2	< 2	3	2	12	< 2	52		
222273	205	226	< 5	< 0.2	10	3	1	12	< 2	54		
222274	205	226	< 5	< 0.2	6	2	1	16	< 2	58		
222275	205	226	< 5	< 0.2	2	2	2	14	< 2	48		
222276	205	226	< 5	< 0.2	6	4	3	8	< 2	40		
222277	205	226	< 5	< 0.2	8	37	3	4	< 2	44		

CERTIFICATION: J. H. Bachlau

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I 9 8 2 2 3 7 7

BILLING INFORMATION

Date: 22-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on
Certificate A9822377

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum)
charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
1	244 - Pulp; prev. prepared at Chemex	0.00		
	312 - Pb %	8.00	8.00	8.00

Total Cost $	8.00
Client Discount (20%) $	-1.60
Net Cost $	6.40
(Reg# R100938885) GST $	0.45
TOTAL PAYABLE (CDN) $	**6.85**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9822377

Comments: ATTN: RICHARD NIEMINEN

CERTIFICATE A9822377

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 22-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	1	Pb %: Conc. Nitric-HCL dig'n	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Page Number :1
Total Pages :1
Certificate Date: 22-JUN-98
Invoice No. :I9822377
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9822377

SAMPLE	PREP CODE		Pb %
221450	244	--	2.30

CERTIFICATION:

OVERLIMITS from A9821713

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

INVOICE NUMBER I9822272

BILLING INFORMATION

Date: 30-JUN-98
Project: 70-776
P.O. No.:
Account: HYA

Comments: AA123HYA.95Q

Billing: For analysis performed on Certificate A9822272

Terms: Payment due on receipt of invoice
1.25% per month (15% per annum) charged on overdue accounts

Please Remit Payments to:

CHEMEX LABS LTD.
212 Brooksbank Ave.,
North Vancouver, B.C.
Canada V7J 2C1

# OF SAMPLES	ANALYSED FOR CODE - DESCRIPTION	UNIT PRICE	SAMPLE PRICE	AMOUNT
18	208 - Assay ring to approx 150 mesh	2.50		
	0-3 Kg crush and split	2.60		
	Au + 5 Element ICP	6.25*		
	Minnova Extended XRF (*)	21.55*		
	2590 - Cr2O3 % XRF	0.00	32.90	592.20
3	208 - Assay ring to approx 150 mesh	2.50		
	226 - 0-3 Kg crush and split	2.60		
	Au + 5 Element ICP	6.25*		
	Minnova Extended XRF (*)	21.55*		
	2590 - Cr2O3 % XRF	0.00	32.90	98.70

Total Cost $	690.90
Client Discount (20% of $107.10) $	-21.42
Net Cost $	669.48
(Reg# R100938885) GST $	46.86
TOTAL PAYABLE (CDN) $	**716.34**

*** Not Subject to Discount**

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

A9822272

Comments: ATTN: RICHARD NIEMINEN

CERTIFICATE A9822272

(HYA) - INMET MINING CORPORATION

Project: 70-776
P.O. # :

Samples submitted to our lab in Timmins, ON.
This report was printed on 29-JUN-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	21	Assay ring to approx 150 mesh
226	21	0-3 Kg crush and split
3202	18	Rock - save entire reject
229	21	ICP - AQ Digestion charge
3289	21	X-RAY pellet prep charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	21	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
902	21	Al2O3 %: XRF	XRF	0.01	100.00
906	21	CaO %: XRF	XRF	0.01	100.00
2590	21	Cr2O3 %: XRF	XRF	0.01	100.00
903	21	Fe2O3 %: XRF	XRF	0.01	100.00
908	21	K2O %: XRF	XRF	0.01	100.00
905	21	MgO %: XRF	XRF	0.01	100.00
1989	21	MnO %: XRF	XRF	0.01	100.00
907	21	Na2O %: XRF	XRF	0.01	100.00
909	21	P2O5 %: XRF	XRF	0.01	100.00
901	21	SiO2 %: XRF	XRF	0.01	100.00
904	21	TiO2 %: XRF	XRF	0.01	100.00
910	21	LOI %: XRF	XRF	0.01	100.00
2540	21	Total %	CALCULATION	0.01	105.00
1829	21	FeO %: Total Fe expressed as FeO	ICP-AES	0.01	100.00
2978	21	Zr ppm: XRF	XRF	3	50000
2891	21	Ba ppm: XRF	XRF	5	50000
368	21	CO2 %: Inorganic	LECO-GASOMETRIC	0.2	100.0
1380	21	S %: Leco furnace	LECO-IR DETECTOR	0.01	100.0
2118	21	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2128	21	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2138	21	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	21	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	21	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Certificate Date: 29-JUN-98
Invoice No. :I9822272
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9822272

SAMPLE	PREP CODE		Au ppb FA+AA	Al2O3 % XRF	CaO % XRF	Cr2O3 % XRF	Fe2O3 % XRF	K2O % XRF	MgO % XRF	MnO % XRF	Na2O % XRF	P2O5 % XRF	SiO2 % XRF	TiO2 % XRF	LOI % XRF	TOTAL %
70196	208	226	< 5	4.75	10.85	0.18	7.60	1.21	14.69	0.16	0.12	0.02	32.08	0.22	27.30	99.18
70197	208	226	< 5	11.50	6.38	0.02	7.95	2.36	7.46	0.12	2.26	0.45	44.76	0.71	15.15	99.12
70198	208	226	< 5	15.06	7.45	0.01	12.83	0.27	6.50	0.25	2.07	0.11	49.26	1.38	3.99	99.18
70199	208	226	< 5	4.79	10.35	0.24	8.78	1.05	15.13	0.16	0.06	0.02	33.24	0.25	25.24	99.31
70200	208	226	< 5	12.34	5.48	0.02	8.59	2.59	8.27	0.12	1.48	0.45	43.10	0.74	16.32	99.50
70201	208	226	< 5	5.05	16.62	0.21	7.10	0.80	11.33	0.24	0.13	0.01	31.39	0.21	25.96	99.05
70202	208	226	35	11.57	10.30	< 0.01	9.78	3.08	5.35	0.22	0.86	0.06	38.96	0.91	17.60	98.69
70203	208	226	< 5	14.12	6.51	0.03	11.98	1.61	6.52	0.21	1.67	0.10	46.83	1.23	7.88	98.69
70204	208	226	25	12.23	10.23	< 0.01	9.06	3.11	3.41	0.29	0.59	0.12	43.45	1.07	15.35	98.91
70205	208	226	< 5	15.33	2.28	< 0.01	1.64	2.31	0.57	0.04	4.79	0.09	68.89	0.28	2.96	99.18
70206	208	226	< 5	11.77	10.76	< 0.01	15.93	0.28	3.71	0.52	1.47	0.08	43.08	1.00	10.70	99.30
70207	208	226	< 5	13.65	8.17	< 0.01	9.32	0.77	3.98	0.23	2.72	0.10	50.55	1.21	8.29	98.99
70208	208	226	< 5	13.73	8.72	< 0.01	11.96	0.33	3.61	0.34	2.25	0.13	51.21	1.25	6.08	99.61
70209	208	226	< 5	15.51	5.02	< 0.01	4.66	1.65	1.81	0.07	5.34	0.36	58.94	0.49	5.41	99.26
70210	208	226	< 5	15.01	4.37	< 0.01	4.10	1.92	1.73	0.08	5.69	0.27	59.42	0.43	6.31	99.33
70211	208	226	< 5	14.64	4.23	< 0.01	4.11	2.17	1.75	0.08	4.95	0.26	60.01	0.42	6.42	99.04
70212	208	226	< 5	16.02	3.58	< 0.01	4.27	2.61	1.46	0.06	6.61	0.31	60.76	0.45	3.48	99.61
70213	208	226	< 5	15.65	4.09	< 0.01	3.85	2.32	1.33	0.06	5.41	0.29	60.61	0.43	4.96	99.00
70214	208	226	< 5	15.82	4.25	< 0.01	4.43	2.95	1.66	0.07	3.59	0.31	60.47	0.43	5.12	99.10
70215	208	226	< 5	12.39	8.32	< 0.01	9.36	2.86	3.25	0.25	0.74	0.09	45.99	1.06	15.06	99.37
70216	208	226	40	12.88	7.83	< 0.01	10.88	1.29	3.55	0.28	1.63	0.10	48.35	1.14	11.27	99.20

CERTIFICATION: Hank Bielle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: INMET MINING CORPORATION

1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 7C3

Project : 70-776
Comments: ATTN: RICHARD NIEMINEN

Page Number :1-B
Total Pages :1
Certificate Date: 29-JUN-98
Invoice No. :I9822272
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9822272

SAMPLE	PREP CODE		Tot. Fe as %FeO	Zr ppm	Ba ppm	CO2 % inorg	S % Total	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
70196	208	226	6.84	27	380	22.3	0.32	< 0.2	27	568	< 2	48
70197	208	226	7.15	114	925	13.6	0.66	< 0.2	65	54	2	54
70198	208	226	11.54	87	105	0.7	0.18	< 0.2	129	82	< 2	108
70199	208	226	7.90	27	215	21.7	0.90	< 0.2	36	598	< 2	40
70200	208	226	7.73	120	585	14.2	0.38	< 0.2	38	84	< 2	60
70201	208	226	6.39	24	100	26.0	0.34	< 0.2	34	647	< 2	40
70202	208	226	8.80	51	825	17.1	0.64	< 0.2	102	66	2	108
70203	208	226	10.78	60	280	4.4	0.39	< 0.2	129	80	< 2	144
70204	208	226	8.15	69	620	14.9	0.70	< 0.2	52	44	< 2	54
70205	208	226	1.48	141	935	1.7	0.42	< 0.2	11	5	< 2	16
70206	208	226	14.33	63	80	7.7	0.03	< 0.2	90	58	2	126
70207	208	226	8.39	78	330	5.5	0.04	< 0.2	90	67	< 2	68
70208	208	226	10.76	75	215	3.3	0.05	< 0.2	81	66	< 2	102
70209	208	226	4.19	198	940	3.7	0.02	< 0.2	8	11	< 2	46
70210	208	226	3.69	183	1710	5.6	0.47	< 0.2	4	6	6	28
70211	208	226	3.70	180	1825	5.4	0.24	< 0.2	3	7	6	28
70212	208	226	3.84	189	1950	2.4	0.13	< 0.2	4	11	2	56
70213	208	226	3.46	192	2100	3.3	0.41	< 0.2	27	7	4	38
70214	208	226	3.99	192	2710	3.0	0.05	< 0.2	< 1	10	12	54
70215	208	226	8.42	69	440	13.3	0.09	< 0.2	94	53	2	58
70216	208	226	9.79	72	340	9.1	0.12	< 0.2	91	60	2	78

CERTIFICATION: Stewart Bielle

Ontario Northern Development and Mines

Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

W7080.00116
Assessment Files Research Imaging

42A03SE2008 2.18901 ZAVITZ 900

hority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the
ised to review the assessment work and correspond with the mining land holder.
Mining Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name: INMET MINING CORPORATION	Client Number: 169899
Address: SUITE 3400; AETNA TOWER, P.O. Box 19 TORONTO DOMINION CENTER TORONTO, ONTARIO. M5K 1A1	Telephone Number: 416 - 361 - 6400
	Fax Number: 416 - 361 - 3564
Name:	Client Number:
Address:	Telephone Number:
	Fax Number:

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☑ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type: DRILLING + ASSAYS.	Office Use
	Commodity: Au
	Total $ Value of Work Claimed: $73,901.12
Dates Work Performed: From 01 (Day) 06 (Month) 98 (Year) To 17 (Day) 06 (Month) 98 (Year)	NTS Reference: 42 A/3 - 41 P/14
Global Positioning System Data (if available) — Township/Area: ZAVITZ + HUTT	Mining Division: PORCUPINE
M or G-Plan Number: M.1189 ; G. 3948	Resident Geologist District:

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: INMET MINING, EXPLORATION	Telephone Number: 819 - 764 - 6666
Address: 1300 SAGUENAY BLVD.; SUITE 200 ROUYN-NORANDA, P.Q. J9X 7C3	Fax Number: 819 - 764 - 6404
Name:	Telephone Number:
Address:	Fax Number:
Name:	Telephone Number:
Address:	Fax Number:

RECEIVED
SEP 30 1998 9:30
GEOSCIENCE ASSESSMENT OFFICE

2.18901

4. Certification by Recorded Holder or Agent

I, BERNARD BOILY (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent			Date: Sept 28, 1998
Agent's Address: 1300 SAGUENAY BLVD.; SUITE 200 ROUYN-NORANDA, P.Q., J9X 7C3		Telephone Number: 819-764-6666	Fax Number: 819 - 764 - 6404

0241 (02/96)

Deemed Jan 28/99

must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1177279	1	$20,692.31	0	0	$ 20,692.31
2	1177274	1	$ 4,980.94	0	0	$ 4,980.94
3	1217438	10	$ 17,603.25	0	0	$ 17,603.25
4	1217437	10	$ 15,112.78	0	0	$ 15,112.78
5	1218867	12	$ 15,511.85	0	0	$ 15,511.85
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
		Column Totals	$73,901.12			$ 73,901.12

I, BERNARD BOILY (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: B Bernard

Date: Sept 28, 1998

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

RECEIVED
SEP 30 1998
GEOSCIENCE ASSESSMENT OFFICE

Deemed Approved Date	Date Notification Sent
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

2.18901

Ontario Ministère du Développement du Nord et des Mines

État des coûts aux fins du crédit de jours de travail

Numéro de transaction (à l'usage du bureau)
W9860.00792

SEP 30 '98 11:01 819 764 6404 PAGE.02

Ontario Ministère du Développement du Nord et des Mines

État des coûts aux fins du crédit de jours de travail

Numéro de transaction (à l'usage du bureau)
W9860.00792

FINAL REVISED

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu du paragraphe 6 (1) du Règlement sur les travaux d'évaluation. Aux termes de l'article 8 de la *Loi sur les mines*, le public a accès à ces renseignements, qui serviront à revoir les travaux d'évaluation et à correspondre avec le détenteur du terrain minier. Adressez toute question sur la collecte de ces renseignements au registrateur de claims en chef, ministère du Développement du Nord et des Mines, 6e étage, 933 Ramsey Lake Road, Sudbury (Ontario), P3E 6B5.

Type de travaux	Unités de travail Indiquez le nombre d'heures de travail/jour, de mètres de forage, de kilomètres de lignes de quadrillage, d'échantillons, etc., selon la nature des travaux.	Coût par unité de travail	Coût total
DRILLING	1,082.85 m.	$ 40.75/metre.	$ 44,124.88
ASSAYS	492 samples.	$ 12.04/sample	$ 5,922.35
SALARIES - geologist. - technician	53 man days	$ 280.16/man day	$ 14,848.31
Coûts connexes (p.ex. fournitures, mobilisation et démobilisation).			
MOBILIZATION + DEMOBILIZATION			$ 3,000.00
FIELD + TRANSPORTATION EXPENSES			$ 6,005.58
Frais de transport			
Frais de nourriture et d'hébergement			
		Valeur totale des travaux d'évaluation	$ 73,901.12

RECEIVED
SEP 30 1998
GEOSCIENCE ASSESSMENT OFFICE

Calcul des remises pour dépôt :

1. Les travaux dont le rapport est déposé dans les deux ans après leur date d'exécution donnent droit à des crédits à 100 % de la valeur totale susmentionnée des travaux d'évaluation.
2. Les travaux dont le rapport est déposé entre deux et cinq ans après leur date d'exécution donnent droit à des crédits à 50 % seulement de la valeur totale des travaux d'évaluation. Si cela s'applique à vos claims, utilisez la formule suivante :

VALEUR TOTALE DES TRAVAUX D'ÉVALUATION x 0,50 = Valeur totale des travaux demandée.

Nota :
- Les travaux exécutés il y a plus de cinq ans ne sont pas admissibles à des crédits.
- Le titulaire enregistré peut être tenu de vérifier les dépenses indiquées dans la présent état des coûts dans les 45 jours suivant une demande de vérification, de correction ou de clarification. Le ministre peut rejeter la totalité ou une partie des travaux d'évaluation présentés si le titulaire ne respecte pas cette exigence.

Attestation des coûts :

2.18901

Je soussigné, BERNARD BOILY (nom et prénom en lettres moulées), atteste par la présente que les montants indiqués sont aussi exacts que possible et que les coûts ont été engagés pour exécuter les travaux d'évaluation sur les terrains indiqués dans la déclaration ci-jointe d'exécution. À titre de SENIOR PROJECT GEOLOGIST (titulaire enregistré, représentant ou indiquez le poste occupé dans l'entreprise vous autorisant à signer), je suis autorisé à faire cette attestation.

Signature	Date
Bernard Boily	Sept 28, 1998

0212F (04/96)

09/30/98 WED 10:56 FAX 819 764 6404 INNET MINING EXPLO R-N 002/002

(nom et prénom en lettres moulées)

exacts que possible et que les coûts ont été engagés pour exécuter les travaux d'évaluation sur les terrains indiqués dans la déclaration ci-jointe d'exécution. À titre de _____ (titulaire enregistré, représentant ou indiquez le poste occupé dans l'entreprise vous autorisant à signer), je suis autorisé à faire cette attestation.

Signature	Date

0212F (04/96)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

November 4, 1998

INMET MINING CORPORATION
SUITE 3400, AETNA TOWER, P.O. BOX 19
79 WELLINGTON STREET WEST
TORONTO, Ontario
M5K-1A1

Dear Sir or Madam:

Submission Number: 2.18901

		Status
Subject: Transaction Number(s):	W9860.00792	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 13046

Copy for: Resident Geologist

Work Report Assessment Results

Submission Number: 2.18901

Date Correspondence Sent: November 04, 1998 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9860.00792	1177279	ZAVITZ, HUTT	Deemed Approval	November 04, 1998

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

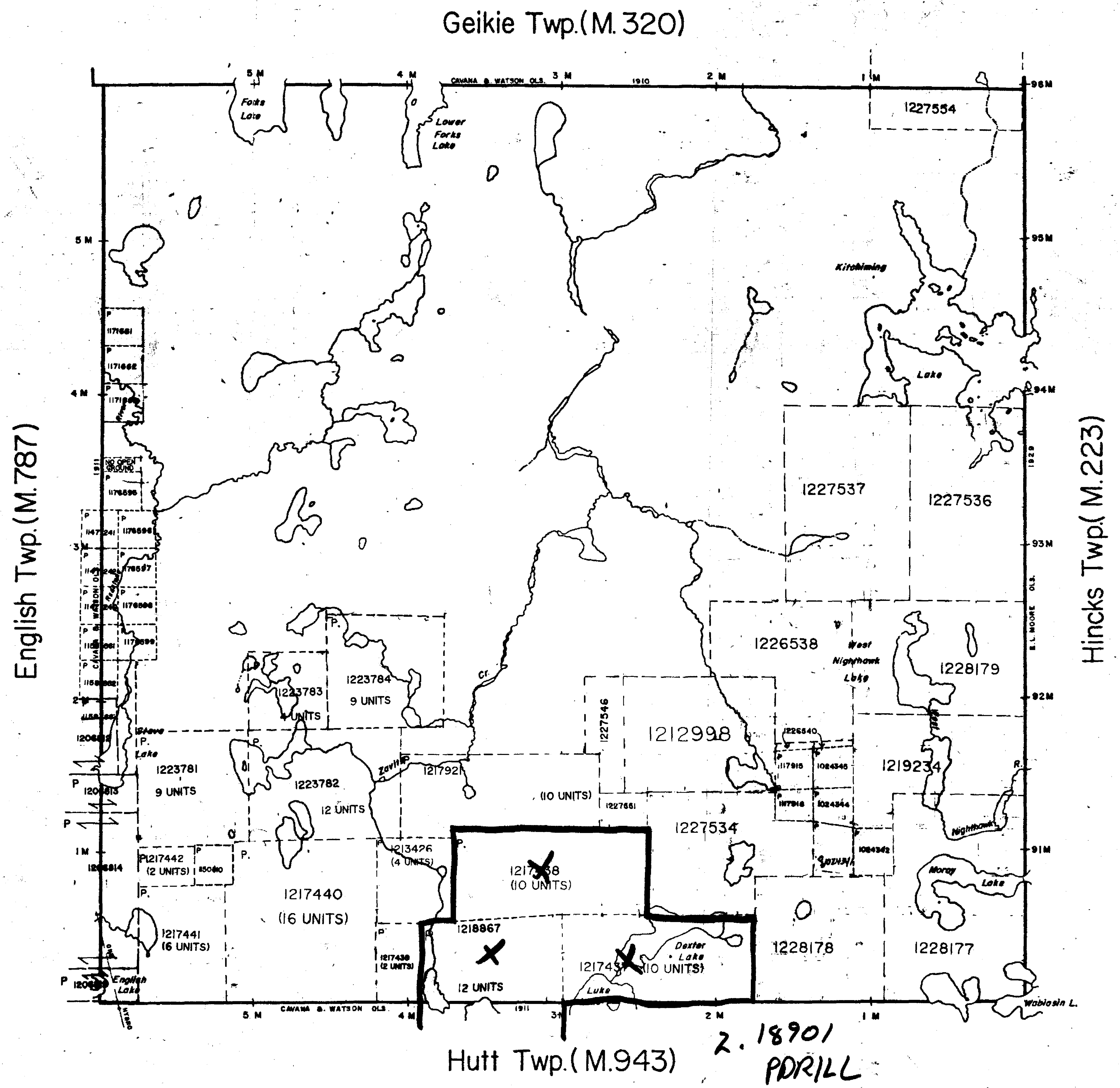
Bernard Boily
ROUYN-NORANDA, QUEBEC

INMET MINING CORPORATION
TORONTO, Ontario

Correspondence ID: 13046

M.1189

ZAVITZ TWP.



THE TOWNSHIP OF

ZAVITZ

DISTRICT OF SUDBURY

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	Ⓟ
CROWN LAND SALE	C.S.
LEASES	Ⓛ
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	C.
- - - - - -	BUSH RD

NOTES

400' SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS.

DATE OF ISSUE

NOV 13 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

PLACED ON ACTIVE FILE. CHECKED 20/03/90. [illegible]/mr.

PLAN NO. M. 1189

DEPARTMENT OF MINES
MINISTRY OF NATURAL RESOURCES
ONTARIO
SURVEYS AND MAPPING BRANCH

M.1189

42A03SE2008 2.18901 ZAVITZ 200

TRIM LINE

TRIM LINE

ZAVITZ TWP.

SEMPLE TWP.

MONTROSE TWP.

HALLIDAY TWP.

2.18901 APRIL

1218667 12 UNITS

1218666

1204612

218866

6 UNITS

1217918

10 UNITS

8 UNITS

(16 UNITS)

1217919 4 UNITS

1217920

1217922

1217923

1228182

1228180

1228181

1227538

1227539

1226545

1235355

1212995

1235356

1227540

1227541

1227533

1227532

1227542

1227544

1227543

1227545

1225345

1227826

1227553

1227531

1213187

1213189

1228400

1227824

1227825

1227823

1206022 (16 UNITS)

1206023 (16 UNITS)

1227848

1227847

Luke L.

Dexter

Zavitz Cr.

Jeffery

Huff

Redwing

Redwing Lake

Upper Redwing

Concession

Lake

Wellington Lake

Creek

Huff

Cr.

River

Sheer Lake

Grassy

Grassy River

Jeff Lake

Hutt Lake

Earl Bay

90M.

89M.

88M.

87M.

86M.

85M.

47° 55' 45" APPROX.

81° 04' 35"

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	▣
" , MINING RIGHTS ONLY	▣
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

DATE OF ISSUE

NOV 13 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

TOWNSHIP

HUTT

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ontario Ministry of Natural Resources

Ministry of Northern Development and Mines

Date	Number
JUNE, 1992	G-3948

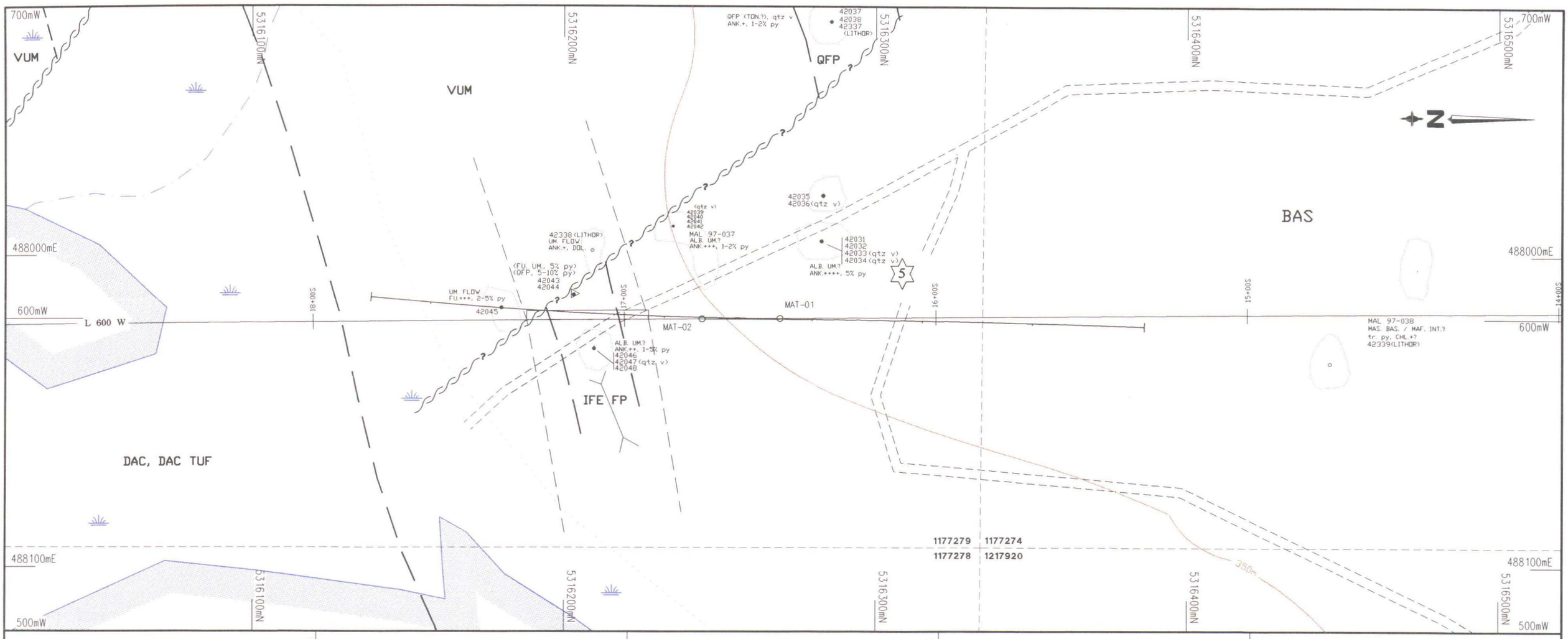
ACTIVATED JULY 16, 1992 BY D.C.

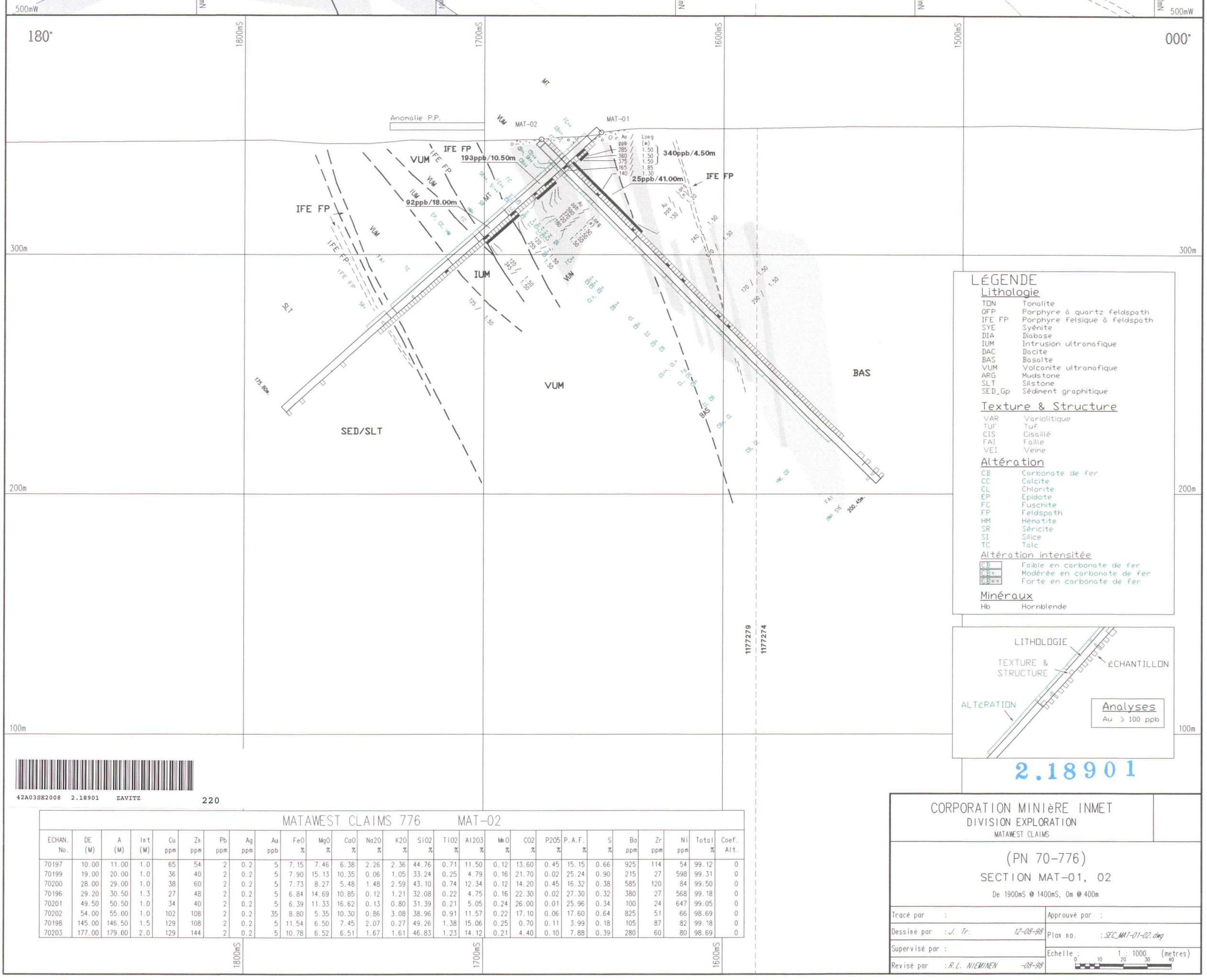
CHECKED BY G.W.

42A03SE2008 2.18901 ZAVITZ 210

KAS 11-70

TRIM LINE





LÉGENDE

Lithologie

TON	Tonalite
QFP	Porphyre à quartz feldspath
IFE FP	Porphyre felsique à feldspath
SYE	Syénite
DIA	Diabase
IUM	Intrusion ultramafique
DAC	Dacite
BAS	Basalte
VUM	Volcanite ultramafique
ARG	Mudstone
SLT	Silstone
SED_Gp	Sédiment graphitique

Texture & Structure

VAR	Variolitique
TUF	Tuf
CIS	Cisaillé
FAI	Faille
VEI	Veine

Altération

CB	Carbonate de fer
CC	Calcite
CL	Chlorite
EP	Epidote
FC	Fuschite
FP	Feldspath
HM	Hématite
SR	Séricite
SI	Silice
TC	Talc

Altération intensitée

CB	Faible en carbonate de fer
CB+	Modérée en carbonate de fer
CB++	Forte en carbonate de fer

Minéraux

Hb	Hornblende

2.18901

42A03SE2008 2.18901 ZAVITZ 220

MATAWEST CLAIMS 776 MAT-02

ECHAN. No.	DE (M)	A (M)	Int (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70197	10.00	11.00	1.0	65	54	2	0.2	5	7.15	7.46	6.38	2.26	2.36	44.76	0.71	11.50	0.12	13.60	0.45	15.15	0.66	925	114	54	99.12	0
70199	19.00	20.00	1.0	36	40	2	0.2	5	7.90	15.13	10.35	0.06	1.05	33.24	0.25	4.79	0.16	21.70	0.02	25.24	0.90	215	27	598	99.31	0
70200	28.00	29.00	1.0	38	60	2	0.2	5	7.73	8.27	5.48	1.48	2.59	43.10	0.74	12.34	0.12	14.20	0.45	16.32	0.38	585	120	84	99.50	0
70196	29.20	30.50	1.3	27	48	2	0.2	5	6.84	14.69	10.85	0.12	1.21	32.08	0.22	4.75	0.16	22.30	0.02	27.30	0.32	380	27	568	99.18	0
70201	49.50	50.50	1.0	34	40	2	0.2	5	6.39	11.33	16.62	0.13	0.80	31.39	0.21	5.05	0.24	26.00	0.01	25.96	0.34	100	24	647	99.05	0
70202	54.00	55.00	1.0	102	108	2	0.2	35	8.80	5.35	10.30	0.86	3.08	38.96	0.91	11.57	0.22	17.10	0.06	17.60	0.64	825	51	66	98.69	0
70198	145.00	146.50	1.5	129	108	2	0.2	5	11.54	6.50	7.45	2.07	0.27	49.26	1.38	15.06	0.25	0.70	0.11	3.99	0.18	105	87	82	99.18	0
70203	177.00	179.00	2.0	129	144	2	0.2	5	10.78	6.52	6.51	1.67	1.61	46.83	1.23	14.12	0.21	4.40	0.10	7.88	0.39	280	60	80	98.69	0

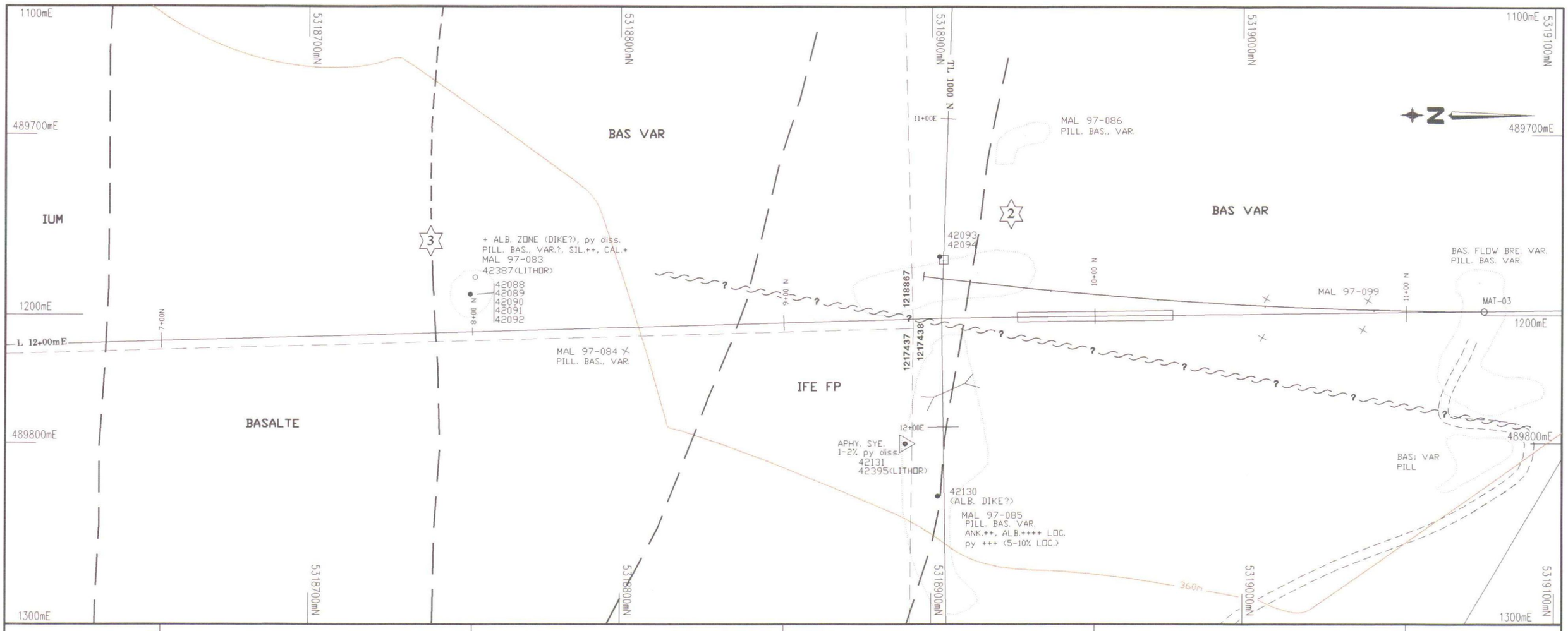
1800mS 1700mS 1600mS

1177279 1177274

CORPORATION MINIèRE INMET
DIVISION EXPLORATION
MATAWEST CLAIMS

(PN 70-776)
SECTION MAT-01, 02
De 1900mS @ 1400mS, 0m @ 400m

Tracé par :	Approuvé par :
Dessiné par : J. Tr. 12-08-98	Plan no. : SEC_MAT-01-02.dwg
Supervisé par :	Echelle : 1 : 1000 (metres) 0 10 20 30 40
Revisé par : R.L. NIEMINEN -08-98	



LÉGENDE

Lithologie

TON	Tonalite
QFP	Porphyre à quartz feldspath
IFE FP	Porphyre felsique à feldspath
SYE	Syénite
DIA	Diabase
IUM	Intrusion ultramafique
DAC	Dacite
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ARG	Mudstone
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VAR	Variolitique
TUF	Tuf
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Altération

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CL	Chlorite
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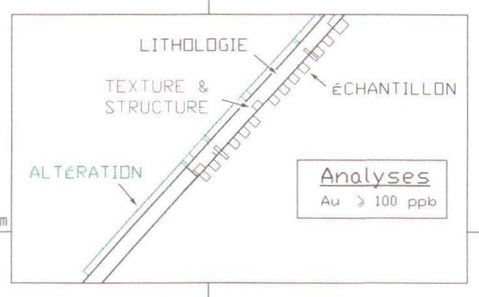
HM	Hématite
SR	Séricite
SI	Silice
TC	Talc

Altération intensitée

CB-	Faible en carbonate de fer
CB+	Modérée en carbonate de fer
CB++	Forte en carbonate de fer

Minéraux

Hb	Hornblende



42A03SE2008 2.18901 ZAVITZ 230

PEGG OPTION 777 MAT-03

ECHAN. No.	DE (M)	A (M)	Int (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70215	218.00	219.00	1.0	94	58	2	0.2	5	8.42	3.25	8.32	0.74	2.86	45.99	1.06	12.39	0.25	13.30	0.09	15.06	0.09	440	69	53	99.37	0
70216	253.50	256.00	2.5	91	78	2	0.2	40	9.79	3.55	7.83	1.63	1.29	48.35	1.14	12.88	0.28	9.10	0.10	11.27	0.12	340	72	60	99.20	0

700mN 800mN 900mN 1000mN

2.18901

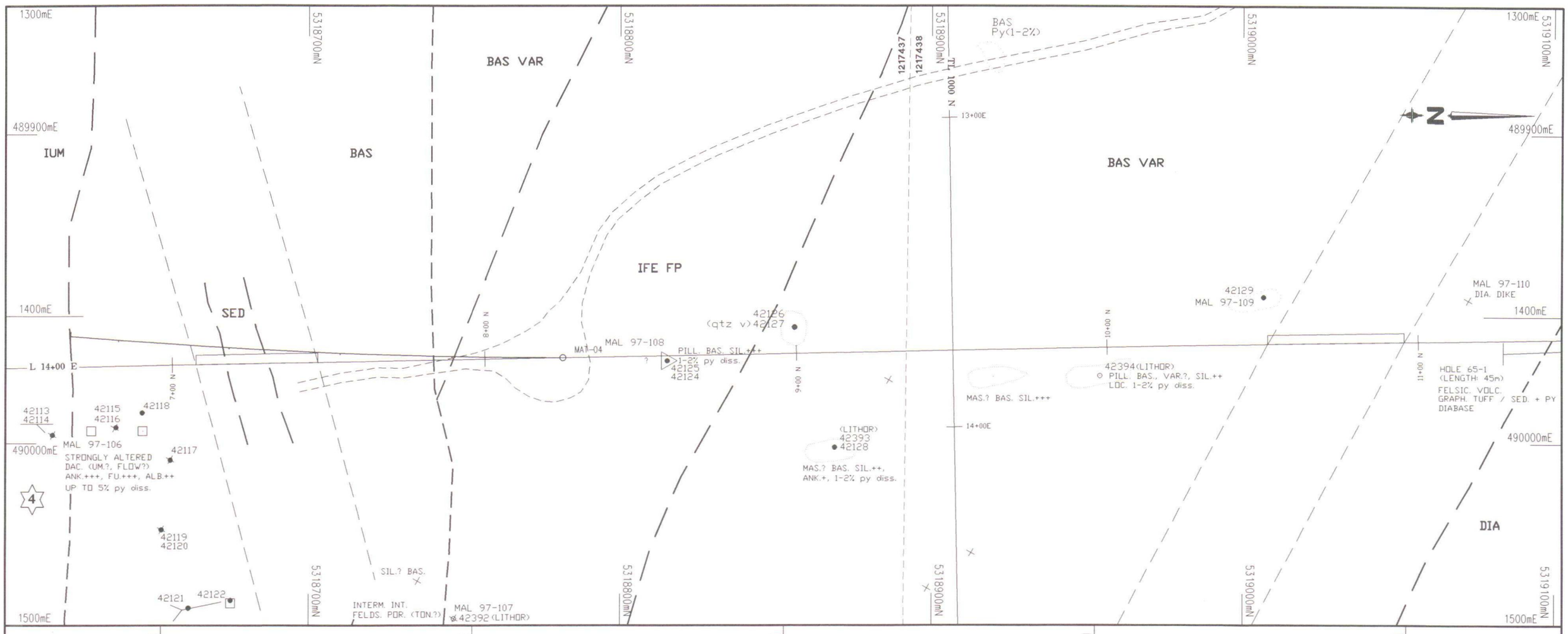
CORPORATION MINIèRE INMET
DIVISION EXPLORATION
MATAWEST CLAIMS

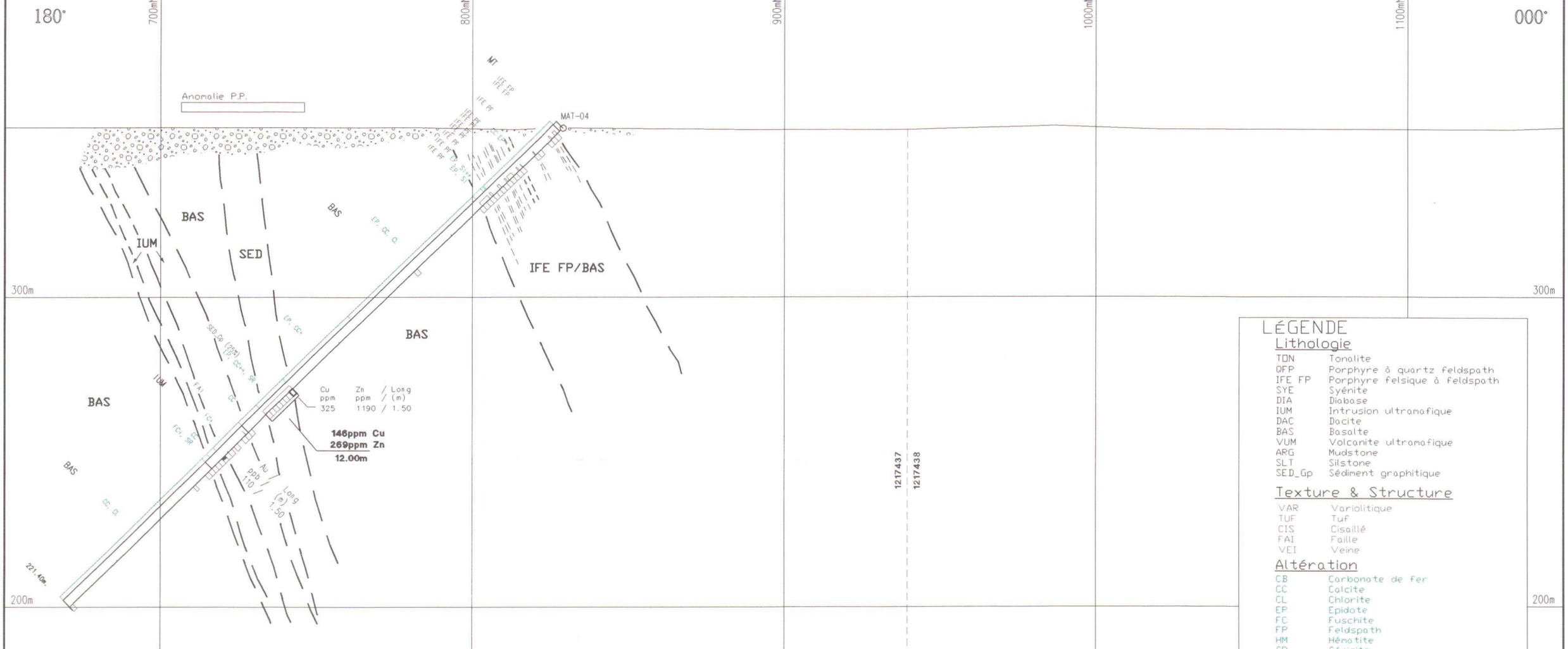
·(PN 70-776)

SECTION MAT-03

De 650mN @ 1150mN, 0m @ 400m

Tracé par :	Approuvé par :
Dessiné par : J. Tr. 18-08-98	Plan no. : SEC_MAT-03.dwg
Supervisé par :	Echelle : 1 : 1000 (metres)
Revisé par : R.L. NIEMINEN -05-98	0 10 20 30 40





LÉGENDE

Lithologie

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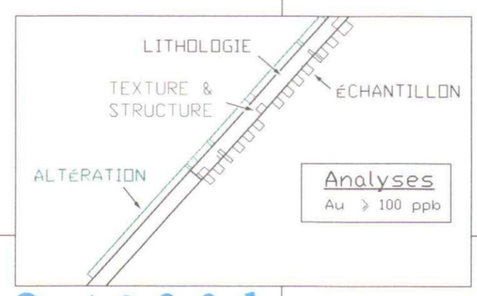
Minéraux

Hb	Hornblende



2.18901

42A03SE2008 2.18901 ZAVITZ 240

PEGG OPTION 777 MAT-04

ECHAN. No.	DE (M)	A (M)	Int (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70204	31.90	32.60	0.7	52	54	2	0.2	25	8.15	3.41	10.23	0.59	3.11	43.45	1.07	12.23	0.29	14.90	0.12	15.35	0.70	620	69	44	98.91	0
70205	33.00	36.00	3.0	11	16	2	0.2	5	1.48	0.57	2.28	4.79	2.31	68.89	0.28	15.33	0.04	1.70	0.09	2.96	0.42	935	141	5	99.18	1
70206	53.00	55.00	2.0	90	126	2	0.2	5	14.33	3.71	10.76	1.47	0.28	43.08	1.00	11.77	0.52	7.70	0.08	10.70	0.03	80	63	58	99.30	0
70207	112.00	115.00	3.0	90	68	2	0.2	5	8.39	3.98	8.17	2.72	0.77	50.55	1.21	13.65	0.23	5.50	0.10	8.29	0.04	330	78	67	98.99	0
70208	212.00	215.00	3.0	81	102	2	0.2	5	10.76	3.61	8.72	2.25	0.33	51.21	1.25	13.73	0.34	3.30	0.13	6.08	0.05	215	75	66	99.61	0

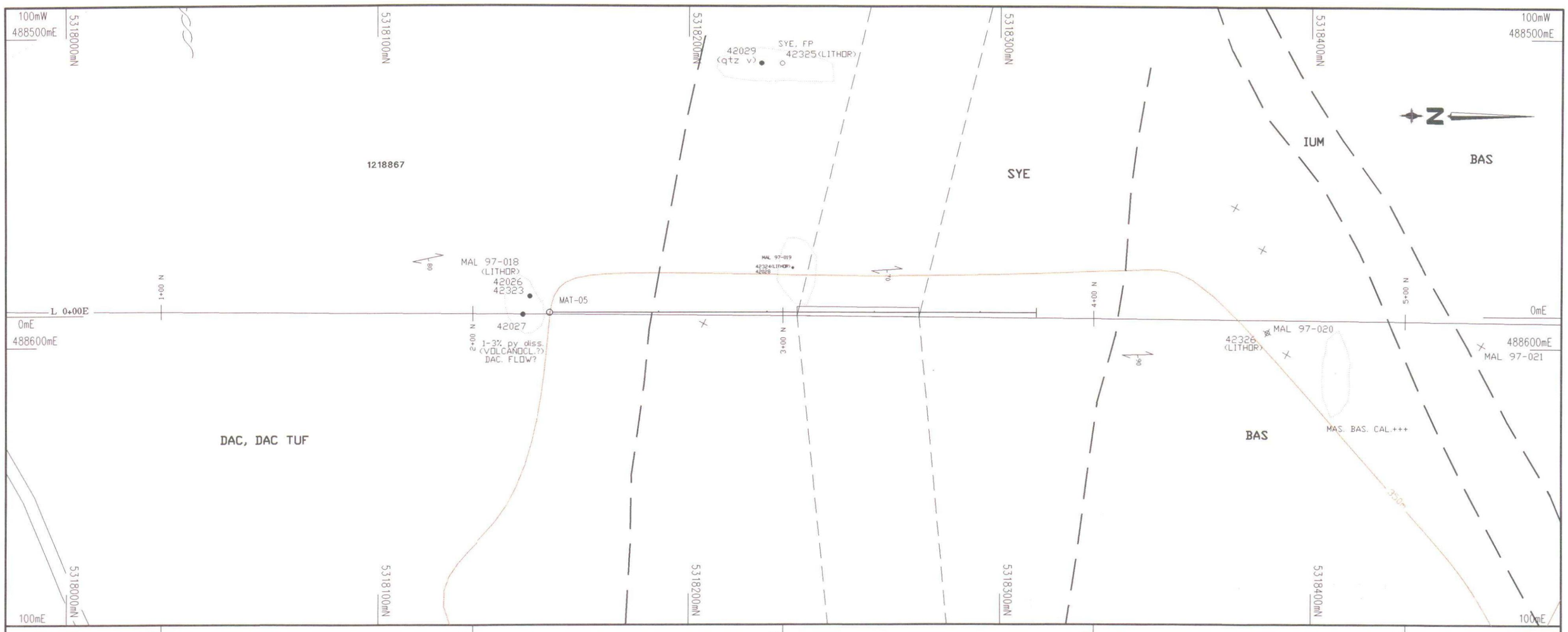
CORPORATION MINIèRE INMET
DIVISION EXPLORATION
MATAWEST CLAIMS

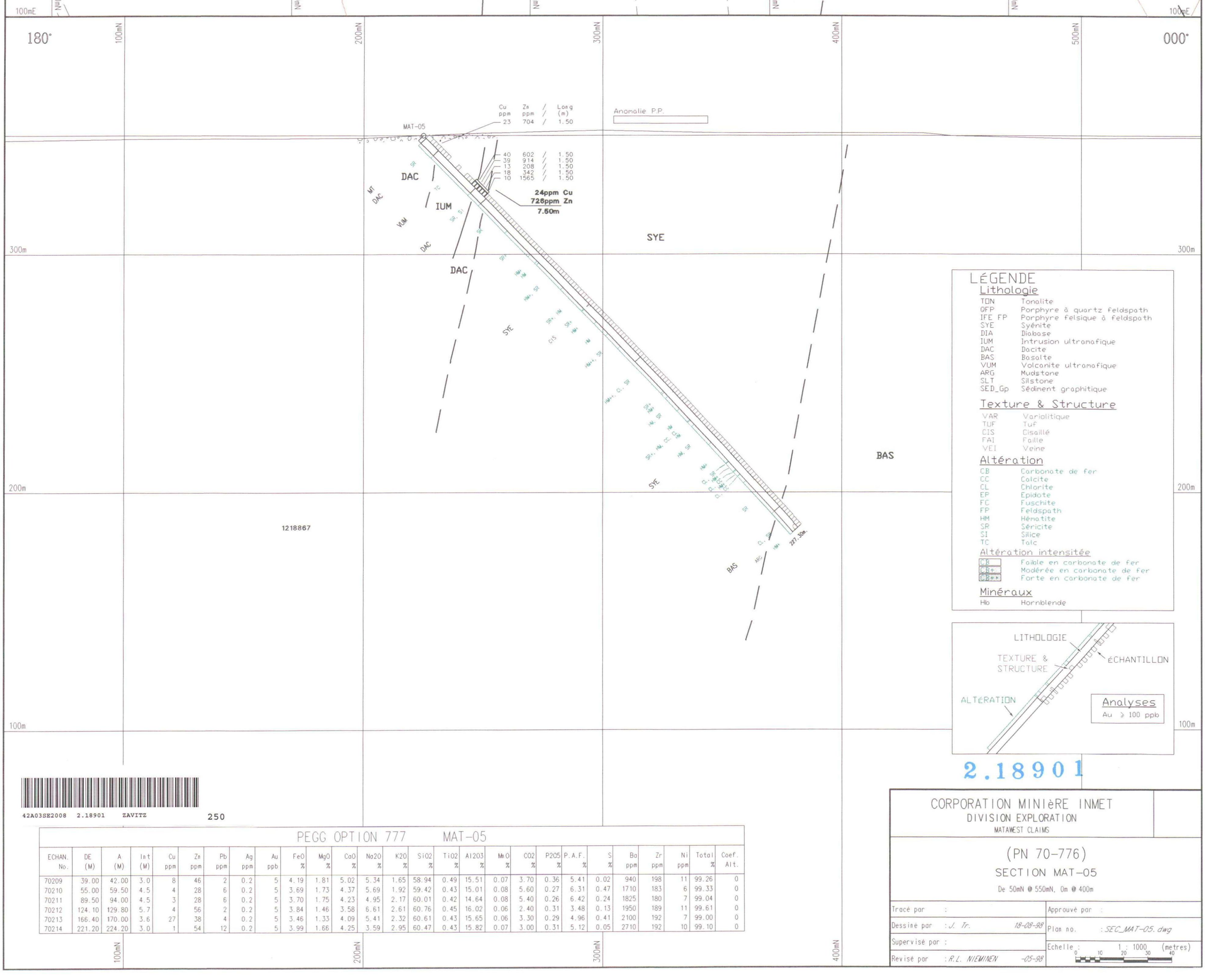
(PN 70-776)

SECTION MAT-04

De 650mN @ 1150mN, 0m @ 400m

Tracé par :	Approuvé par :
Dessiné par : J. Tr. 18-08-98	Plan no. : SEC_MAT-04.dwg
Supervisé par :	Echelle : 1 : 1000 (metres)
Revisé par : R.L. NIEMINEN -05-98	0 10 20 30 40





LÉGENDE

Lithologie

TON	Tonalite
QFP	Porphyre à quartz feldspath
IFE FP	Porphyre felsique à feldspath
SYE	Syénite
DIA	Diabase
IUM	Intrusion ultramafique
DAC	Dacite
BAS	Basalte
VUM	Volcanite ultramafique
ARG	Mudstone
SLT	Silstone
SED_Gp	Sédiment graphitique

Texture & Structure

VAR	Variolitique
TUF	Tuf
CIS	Cisaillé
FAI	Faille
VEI	Veine

Altération

CB	Carbonate de fer
CC	Calcite
CL	Chlorite
EP	Epidote
FC	Fuschite
FP	Feldspath
HM	Hématite
SR	Séricite
SI	Silice
TC	Talc

Altération intensitée

CB	Faible en carbonate de fer
CB+	Modérée en carbonate de fer
CB++	Forte en carbonate de fer

Minéraux

Hb	Hornblende

2.18901

42A03SE2008 2.18901 ZAVITZ 250

PEGG OPTION 777 MAT-05

ECHAN. No.	DE (M)	A (M)	Int (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	CO2 %	P2O5 %	P.A.F. %	S %	Ba ppm	Zr ppm	Ni ppm	Total %	Coef. Alt.
70209	39.00	42.00	3.0	8	46	2	0.2	5	4.19	1.81	5.02	5.34	1.65	58.94	0.49	15.51	0.07	3.70	0.36	5.41	0.02	940	198	11	99.26	0
70210	55.00	59.50	4.5	4	28	6	0.2	5	3.69	1.73	4.37	5.69	1.92	59.42	0.43	15.01	0.08	5.60	0.27	6.31	0.47	1710	183	6	99.33	0
70211	89.50	94.00	4.5	3	28	6	0.2	5	3.70	1.75	4.23	4.95	2.17	60.01	0.42	14.64	0.08	5.40	0.26	6.42	0.24	1825	180	7	99.04	0
70212	124.10	129.80	5.7	4	56	2	0.2	5	3.84	1.46	3.58	6.61	2.61	60.76	0.45	16.02	0.06	2.40	0.31	3.48	0.13	1950	189	11	99.61	0
70213	166.40	170.00	3.6	27	38	4	0.2	5	3.46	1.33	4.09	5.41	2.32	60.61	0.43	15.65	0.06	3.30	0.29	4.96	0.41	2100	192	7	99.00	0
70214	221.20	224.20	3.0	1	54	12	0.2	5	3.99	1.66	4.25	3.59	2.95	60.47	0.43	15.82	0.07	3.00	0.31	5.12	0.05	2710	192	10	99.10	0

CORPORATION MINIèRE INMET
DIVISION EXPLORATION
MATAWEST CLAIMS

(PN 70-776)

SECTION MAT-05

De 50mN @ 550mN, 0m @ 400m

Tracé par :	Approuvé par :
Dessiné par : J. Tr. 18-08-98	Plan no. : SEC_MAT-05. dwg
Supervisé par :	Echelle : 1 : 1000 (metres)
Revisé par : R.L. NIEMINEN -05-98	0 10 20 30 40