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**WEST-KIRKLAND PROPERTY
PN-770 / 771 / 773 / 775
1997 DIAMOND DRILLING
PROGRAM (SECOND)**

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SUMMARY

The West-Kirkland property is located in Cairo, Flavelle and Holmes Townships in northeastern Ontario, approximately twelve (12) kilometres east of the town of Matachewan.

This report describes the recent diamond drill program, which took place during the fall of 1997.

From November 10 to November 22, three (3) drill holes totalling 964 metres were completed (WK-3, 4 and 5). The three (3) holes tested the continuity of the Biralger zone (hole C-91-2: 0,7 g/t Au and 0,2% Cu over 99m). 635 core samples were sent for gold and base metal analysis. Hole WK-4, drilled southwest of hole C-91-2, returned **0,91 g/t Au and 0,15% Cu over 43,5 metres** at a vertical depth of about 160 metres, including a higher grade section of **1,74 g/t Au and 0,24% Cu over 15 metres**. Hole WK-3 and 5, drilled respectively below and northeast of hole C-91-2, intersected lower values suggesting the mineralized zone continues with a flat rake to the southwest into Norcan's ground. The mineralization does not seem to have any significant extension to the northeast, close to the surface. Considering Inmet's exploration criterias, no follow-up is recommended on the Biralger option. Because the grade does not seem to improve on the Norcan side, the acquisition of their claims is not proposed.

A positive linear correlation may be interpreted when studying gold and copper distribution curves in hole C-91-2 (previously drilled by Biralger). This positive linear correlation seems to fit in holes WK-3, 4 and 5, but only with gold values under a 200-300 ppb range. The correlation (or uncorrelation) between gold and copper is not clear when gold values are higher.

Recommendations for future work consist of continuing to test by drilling interpreted lineaments, located underneath Cobalt group sedimentary rocks (Holmes-Flavelle property). The Holmes Lake fault and I.P. anomalies in the vicinity of trench 5 (up to 900 ppb Au) and trench 9 (1,2 g/t Au over 6 metres, channel samples) should be tested by drilling as well (Chartré-Dufresne option).



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- Trenches, samples and showings
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- Hole WK-3 and C-91-2
- Hole WK-4
- Hole WK-5

INTRODUCTION

From November 10 to November 22, a diamond drilling program totalling 964 metres (3 holes) was carried out on the West-Kirkland property. The scope of the program was to test the continuity of the Biralger zone (0,7 g/t Au and 0,2% Cu over 99m), found by Biralger Resources Ltd. in 1991.

PROPERTY LOCATION AND ACCESS

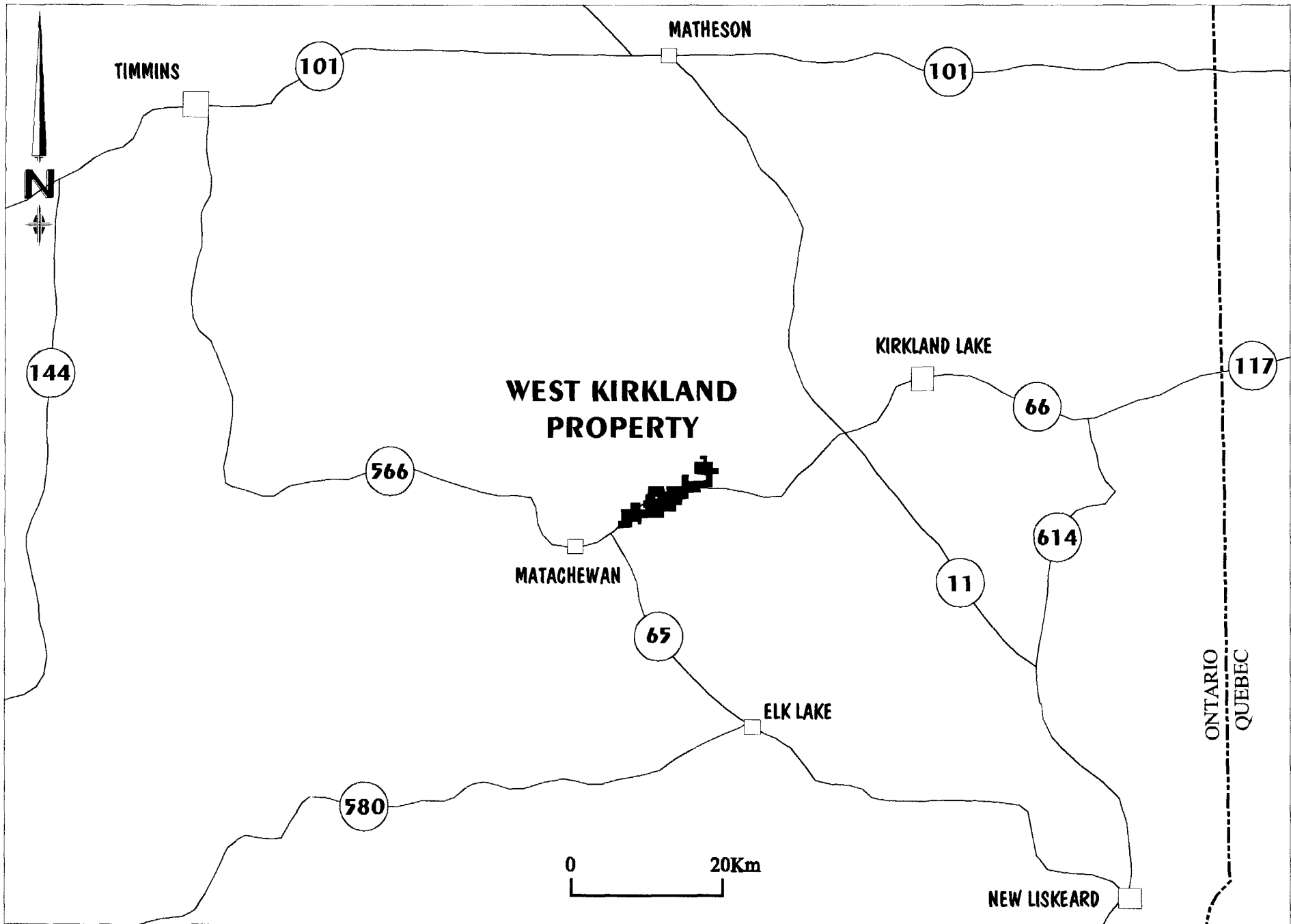
The West-Kirkland property is located approximately 12 km northeast of the town of Matachewan in northeastern Ontario (fig.1). Access to the property is provided by using Highway 66 which crosses the entire length of the property. Numerous logging roads branch from this main road, providing excellent access to the rest of the property.

PROPERTY STATUS

The West-Kirkland property consists of 81 contiguous claims (216 units), totalling 3 526 hectares, located in Cairo, Flavelle and Holmes Townships (fig. 2). All claims are 100% owned by Inmet Mining Corporation. The property was optioned from Biralger Resources Ltd., Denis Chartré and Roger Dufresne in 1995 and from Fred Kiernicki in 1996. The rest of the property was staked by Inmet.

PREVIOUS WORK

A few exploration companies and individuals have carried out exploration work on the property over the last fifty (50) years. Very little information is available at the Ministry of Northern Development and Mines office in Kirkland Lake. A summary of the work done (submitted) to date is presented in Table 1.



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LES MINES
INMET CORPORATION MINIÈRE INMET
 MINING INMET MINING CORPORATION

FIG. 1
 LOCATION MAP

WEST KIRKLAND PROPERTY
 HOLMES-FLAVELLE CLAIMS (PN 70-770)
 BIRALGER RESOURCES OPTION (PN 70-771)
 CHARTRE-DUFRESNE (PN 70-773)
 KIERNICKI OPTION (PN 70-774)

TABLE 1
Previous work

YEAR	COMPANY	WORK
Biralger Option		
1953	Dominion Gulf Co.	Four (4) ddh near Morrison Lake and St-Paul Lake total = 2 761 ft (842m). No assay reported.
1975	Texas Gulf Inc.	Thirteen (13) percussion drill holes in Cairo Stock near Middleton Lake. No assay reported.
1975	Ecstall Mining Ltd.	Ground magnetic survey, 1 ddh total = 601 ft (183m). No assay reported.
1991	Biralger Res. Ltd.	Combined helicopter-borne magnetic and VLF-EM survey.
1991	Biralger Res. Ltd.	Line cutting, prospecting, sampling and stripping.
1991	Biralger Res. Ltd.	Three (3) ddh total = 1 581 ft (482m)
1995	Biralger Res. Ltd.	One (1) stripping near Morrison Lake.
1996	Inmet Mining Corp.	Line cutting, magnetic survey, IP survey, mapping and sampling, trenching (2).
1997	Inmet Mining Corp.	Two (2) ddh total=7 215 ft (2 199m)
Chartré-Dufresne Option		
1987	Falconbridges Ltd.	One (1) stripping.
1989	Queenston Mining Inc.	Ground VLF-EM survey on part of Chartré-D. Option.
1990	Queenston Mining Inc.	Mapping / sampling on part of Chartré-D. Option.
1991	Queenston Mining Inc.	Seven (7) ddh total = 2 970 ft (905m).
1994	Chartré D./Dufresne R.	Seven (7) trenches and sampling.
1996	Inmet Mining Corp.	Line cutting, magnetic survey, IP survey, mapping and sampling, trenching (3).

REGIONAL GEOLOGY (fig. 3)

The northern Flavelle, Holmes Township area was mapped in 1962 by J.C.G. Moore whereas Powell and Cairo Townships were mapped in 1964 by H.L. Lovell, at 1 inch to 1/2 mile scale for the Ontario Geological Survey (O.G.S.). The Powell Township was re-mapped in 1995 by L.S. Jensen, at 1:20 000 scale.

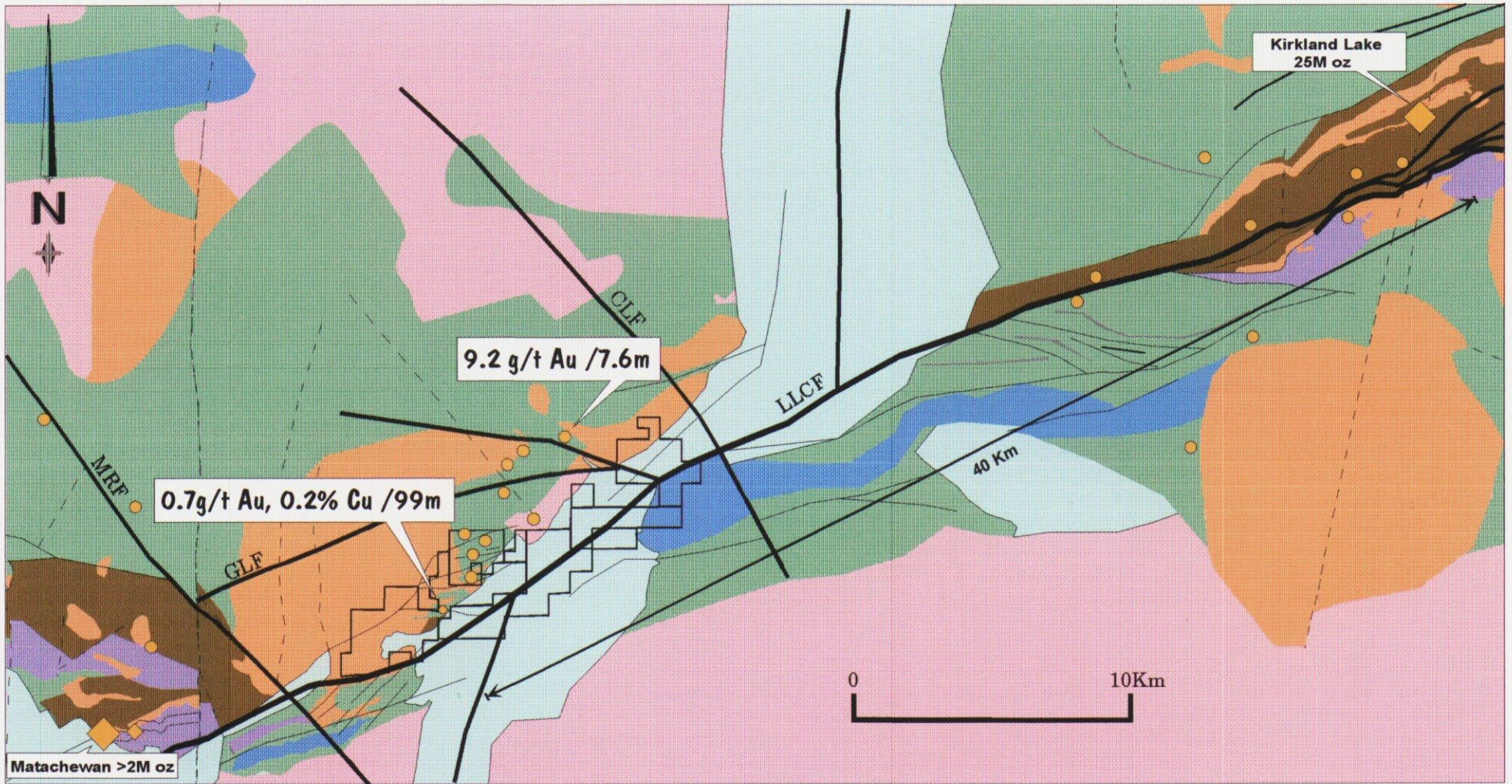
Archean ultramafic volcanics and mafic flows, minor felsic rocks, conglomerates and greywackes have been intruded by plutonic rocks and related dikes and plugs of trachytic syenite and syenite porphyry. Various syenite bodies have been identified by features affecting these major components. Belts of tightly folded sedimentary rocks trend east to northeast across Powell and Cairo townships. Most of these are conglomerates, greywackes and arkoses. They have been classified as Timiskaming age and might be correlated with the Timiskaming conglomerates of the Kirkland Lake area. All these rocks have been cut by north trending Matachewan diabase dikes. Sedimentary rocks of the Cobalt group (Huronian) unconformably overlay archean rocks in a southwest trending tongue through northern Burt Township into northern Flavelle township. Cobalt series rocks are generally flat lying.

Several faults, northeast shear zones and topographic lineaments are present in the area. Recent re-interpretations and mapping by the O.G.S. suggest that the Larder Lake-Cadillac Break (LLCB) splits into a number of individual faults or splays which could be the Galer Lake Fault, the Matachewan Fault and/or the Holmes Lake Fault. This northeast trending faults system is also defined in Holmes and Flavelle Townships by the presence of Huronian sediments (filled graben?). These faults are transected by late major regional faults of northwest trend, e.g. the Montreal River Fault and the Cross Lake Fault.

PROPERTY GEOLOGY (see appended geological map)

The Northwest of the property is underlaid by steeply deeping mafic volcanics (mainly pillowed basalts) and Timiskaming type conglomerates whereas archean rocks of the southern half of the property are unconformably overlaid by sedimentary rocks of the Cobalt group. The volcanic assemblage is in contact to the west with the Cairo Stock which is a late porphyritic to trachytic syenite. The volcanics are dark green and show conchoïdal fracturing as a result of contact metamorphism due to the intrusion of the Cairo Stock. A halo of magnetite (disseminations and veinlets) is present around the Cairo Stock in volcanics and Timiskaming sedimentary rocks. This magnetite halo is interpreted as a hydrothermal alteration related to the emplacement of the Cairo Stock. The Cairo Stock is magnetic and shows pervasive hematization and, to some extent, potassic alteration. An ultramafic sill intrudes mafic volcanics to the southwest corner of the property.

East to northeast trending shear zones were mapped and/or interpreted in both mafic volcanics and syenite (Holmes Lake Fault, Matachewan Fault). Gold showings and iron carbonate alteration is associated with the Holmes Lake Fault in the Chartré-Dufresne option. Porphyry style gold/copper



- GRANITOIDS
- ALKALIC INTRUSIVES
- GABBRO
- ULTRAMAFIC

- INTER. TO MAFIC VOLC.
- SEDIMENTS (TEMISKAMING)
- IRON FORMATION
- SEDIMENTS (COBALT)

- LLCF LARDER LAKE - CADILLAC FAULT
- MRF MONTREAL RIVER FAULT
- GLF GALER LAKE FAULT
- CLF CROSS LAKE FAULT

- MAJOR STRUCTURE FAULTS
- FAULTS
- GOLD SHOWING (>1g/t Au)

LES MINES
INMET CORPORATION MINIÈRE INMET
 MINING INMET MINING CORPORATION

FIG. 3
 REGIONAL GEOLOGY

WEST KIRKLAND AREA
 HOLMES-FLAVELLE CLAIMS (PN 70-770)
 BIRALGER RESOURCES OPTION (PN 70-771)
 CHARTRE-DUFRESNE (PN 70-773)
 KIERNICKI OPTION (PN 70-774)

mineralization is also present in the Cairo Stock close to the contact with Timiskaming sedimentary rocks and the Matachewan Fault in the Biralger option. The implications of a possible extension of the LLCB fault system through the property are the focus of our exploration efforts on this property.

1997 DRILLING PROGRAM (SECOND)

Diamond drilling contractor: Norex drilling Limited (Porcupine, Ontario).
 Samples analysis: Chemex Laboratories Limited (Timmins, Ontario and Rouyn, Québec)
 Geologist: Marc-André Larouche (Inmet).
 Technician: Gary Dunn (contract employee).

In November 1997, three (3) holes totalling 964 metres (WK-3, 4 and 5) were drilled on the Biralger option to follow-up on the Biralger zone (hole C-91-2). 635 samples were sent for gold and base metal analysis. Figure 4 shows drill holes location, the horizontal projection of the Biralger zone and surface samples taken on trench 1, in 1996.

Hole WK-3 tested the Biralger zone 75 metres below hole C-91-2 intersection (0,7 g/t Au and 0,2% Cu over 99m).

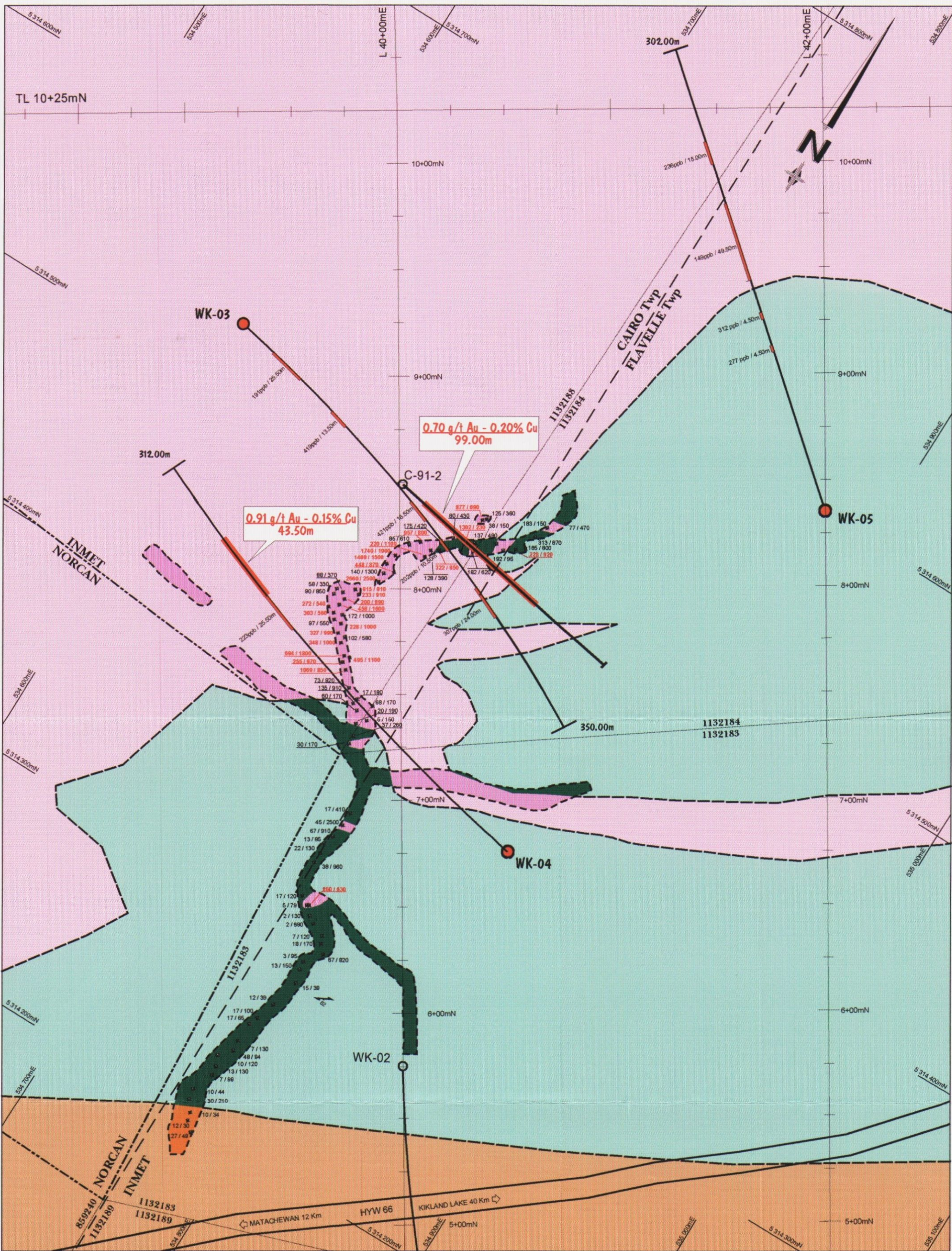
Hole WK-4 tested the Biralger zone 100m south of holes C-91-2 and WK-3 at the contact between the syenite and the basalt.

Hole WK-5 tested the Biralger zone 150m north of holes C-91-2 and WK-3 at the contact between the syenite and the basalt. Drill holes coordinates are given in Table 2. A 1:10 000 scale geological map with the location of the drilled holes is appended.

TABLE 2

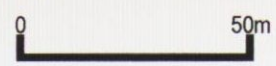
Drill holes coordinates

HOLE	COORDINATES (m)		AZ.	DIP	LENGTH
WK-3	L 39+27E	9+25N	N100	-45	350m
WK-4	L40+50E	6+75N	N280	-45	312m
WK-5	L 42+00E	8+35N	N310	-45	302m
				Total	964m



- BASALTS
- SYENITE ("CAIRO STOCK")
- SEDIMENTS (TIMISKAMING)

WK-03 1997 DRILL HOLES



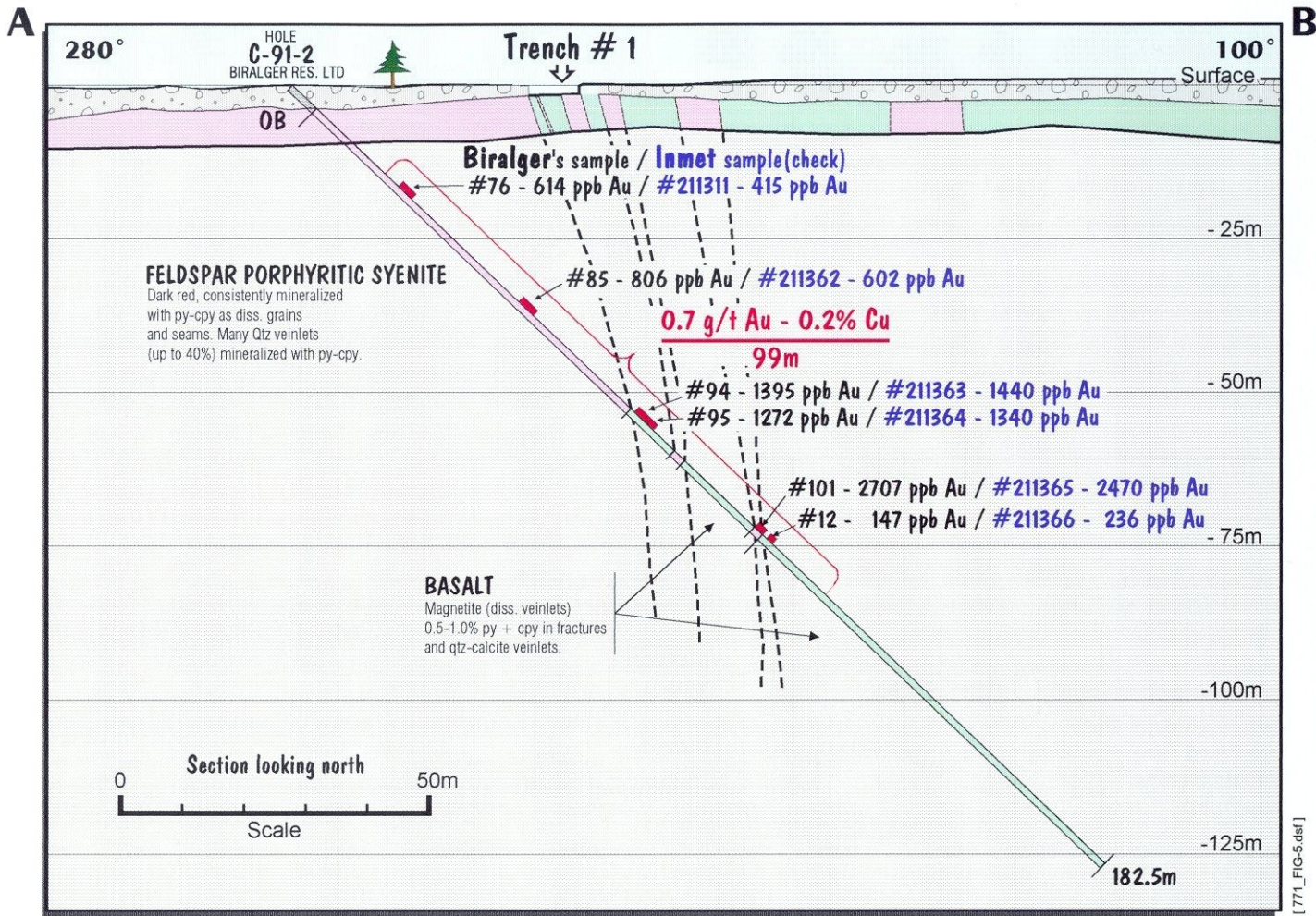
85 / 610 Au ppb / Cu ppm
 1740 / 1900 Au ppb / Cu ppm (Au > 200 ppb) } Surface samples

1997 DIAMOND DRILL PROGRAM (SECOND) DRILL HOLES LOCATION / CLOSE-UP TRENCH # 1

Prior to follow-up on hole C-91-2 gold intersection, partial re-sampling of this hole was done in order to verify authenticity of the 0,7 g/t Au - 0,2 % Cu zone. Six (6) samples were taken by Inmet, using the same sample footage as Biralger did (see Table 3 and fig.5). Samples were sent to XAL Laboratories of Rouyn, Québec. Results obtained by Inmet are comparable with Biralger's analysis results.

TABLE 3
Hole C-91-2 / re-sampling

BIRALGER'S SAMPLES						INMET'S SAMPLES					
sample #	from (m)	to (m)	length (m)	Au (ppb) unless specified	Cu (ppm) unless specified	sample #	from (m)	to (m)	length (m)	Au (ppb) unless specified	Cu (ppm) unless specified
76	23.5	26.5	3.0	614	932	211361	23.5	26.5	3.0	415	892
85	50.5	53.5	3.0	806	1720	211362	50.5	53.5	3.0	602	1780
94	76.3	78.9	2.6	1395	2230	211363	76.3	78.9	2.6	1440	1850
95	78.9	80.5	1.6	1272	2100	211364	78.9	80.5	1.6	1340	1900
101	103.3	105	1.8	2707	4570	211365	103.3	105	1.8	2470	3000
12	106	107.5	1.5	147	1920	211366	106	107.5	1.5	236	1730



RESULTS

HOLE WK-3

This hole intersected reddish syenite feldspar porphyry and medium to coarse grained pillowed basalt. The syenite is magnetic and the texture goes from equigranular to porphyritic. The reddish tint is due to a medium/strong hematization (and/or potassic alteration?). It contains many chloritic slips. Calcite alteration is strong (veinlets and pervasive). There are many bluish quartz veins and veinlets (1-5%). The syenite contains disseminated grains and blebs of pyrite and/or chalcopyrite (generally less than 1%). Blebs of pyrite and/or chalcopyrite are often associated with quartz and calcite veins

The basalt is massive to pillowed. It is strongly magnetic. The magnetite is in the form of disseminations and veinlets. Epidote and calcite alterations are widespread. Chloritic slips are also frequent. Same disseminated mineralization as in the syenite. A few quartz veins.

A few gold bearing zones in the range of 200 to 400 ppb Au were intersected. Assays results between these zones are in the range of 20 to 100 ppb Au (see Table 4). The hole is uniformly mineralized with copper overall its length: 412 ppm Cu / 345 metres. A few short intersections, anomalous in molybdenum, were also intersected. Anomalous gold values generally fit with an increase of quartz veins percentage although many quartz veins stockworks are barren.

HOLE WK-4

Intersected lithologies are the same as in hole WK-3. The syenite contains many partly assimilated basalt enclaves. The reddish tint is due to a medium/strong hematization (and/or potassic alteration?). The absence of calcite alteration in the basalt was noticed although a strong "bleaching" is present. Magnetite alteration in the basalt is similar to the one in hole WK-3. Widespread pyrite/chalcopyrite mineralization (disseminated grains and blebs) were intersected (generally less than 1-2%, locally up to 8%) in the syenite and in the basalt. A quartz veins stockwork was also intersected (up to 7% quartz v.).

Best intersection: **0,91 g/t Au over 43,5 metres** including **1,74 g/t Au over 15 metres** (see Table 4). The hole is uniformly mineralized with copper overall its length: 802 ppm Cu / 308 metres. Anomalous gold values generally fit with an increase of quartz veins percentage although many quartz veins stockworks are barren.

HOLE WK-5

Hole WK-5 tested the Biralger zone 150 metres north of holes C-91-2 and WK-3. Intersected lithologies are the same as the ones cut in hole WK-3 and 4. Many small porphyritic syenite

dikes intrude pillowed basalt. Strong epidote alteration and calcite alteration were noticed in the basalt. Medium pervasive hematization was noticed in the syenite all along the hole. Very little sulphides were noticed (traces to 1% pyrite / chalcopyrite). Isolated quartz veins were intersected. A few gold bearing zones in the range of 200 to 400 ppb Au were intersected. Assays results between these zones are in the range of 20 to 100 ppb Au. The hole is uniformly mineralized with copper overall its length: 344 ppm Cu / 288 metres.

Detailed log records, 1:500 scale drill sections and certificates of analysis are appended.

TABLE 4
Gold intersections

HOLE	FROM (m)	TO (m)	LENGTH (m)	Au (ppb) unless specified	Cu (ppm) unless specified
WK-3	27,5	53	25,5	191	752
	83	96,5	13,5	419	763
	164	180,5	16,5	421	1220
	195,5	206	10,5	202	456
	237,5	261,5	24	307	503
WK-4	189,5	215	25,5	223	823
	215	258,5	43,5	0,91 g/t Au / 43,5m	0,15% Cu / 43,5m
	including (240,5 to 255,5m):			1,74 g/t Au / 15m	0,24% Cu / 15m
	300,5	309,5	9	170	687
WK-5	92	98	6	150	354
	105,5	110	4,5	277	435
	126,5	131	4,5	312	433
	152	201,5	49,5	149	544
	227	242	15	236	264

DISCUSSION: GOLD AND COPPER DISTRIBUTION.

HOLE C-91-2

Gold and copper distribution curves (fig.6) show a positive correlation between gold and copper: Au peaks generally fit with Cu peaks and Au troughs generally fit with Cu troughs. Constancy of the distance between the two (2) curves suggests a constant Au/Cu ratio (linear correlation). The Au/Cu diagram (fig. 6a) illustrates these observations: a straight line (regression line) may describe the relation between Au and Cu (positive linear correlation).

HOLE WK-3

Behaviour of Au and Cu distribution curves (fig. 7) is different from the one in hole C-91-2: Au peaks still fit with Cu peaks and Au troughs still fit with Cu troughs but the Au/Cu ratio varies, as the distance between the two (2) curves varies. As shown on figure 7a, it is difficult to draw a single straight line to describe the relation between Au and Cu since scattering of dots is too high. However, a single straight regression line (drawn on fig. 7a) seems to fit well when using gold values not exceeding 300 ppb Au. This suggests a positive linear correlation between Au and Cu when Au values do not exceed 300. With higher gold grades, the correlation (or the uncorrelation) between Au and Cu is not clear.

A few molybdenum anomalies (100-250 ppm range) seem to fit with Au and Cu anomalous zones (fig.8).

HOLE WK-4

Out of the 0,91 g/t Au - 0,15%Cu / 43,5 metres zone, gold distribution in hole WK-4 is more uniform than in hole WK-3 (see fig. 9). Copper distribution is generally more uniform too. Compared with hole WK-3, Au grades are generally lower (0-100 ppb Au) and Au/Cu ratio is more constant, since the Au and Cu curves cross-cut rarely. It is of interest to notice the first thirty (30) metres are barren of gold and significantly enriched in copper (200-300 ppm). As illustrated in figure 9a, a positive linear correlation may describe the relation between Au and Cu when gold values are under 300 ppb. With higher gold grades, the correlation (or the uncorrelation) between Au and Cu is not clear.

Weak molybdenum anomalies (50-80 ppm range) are scattered uniformly all along the hole (fig.10).

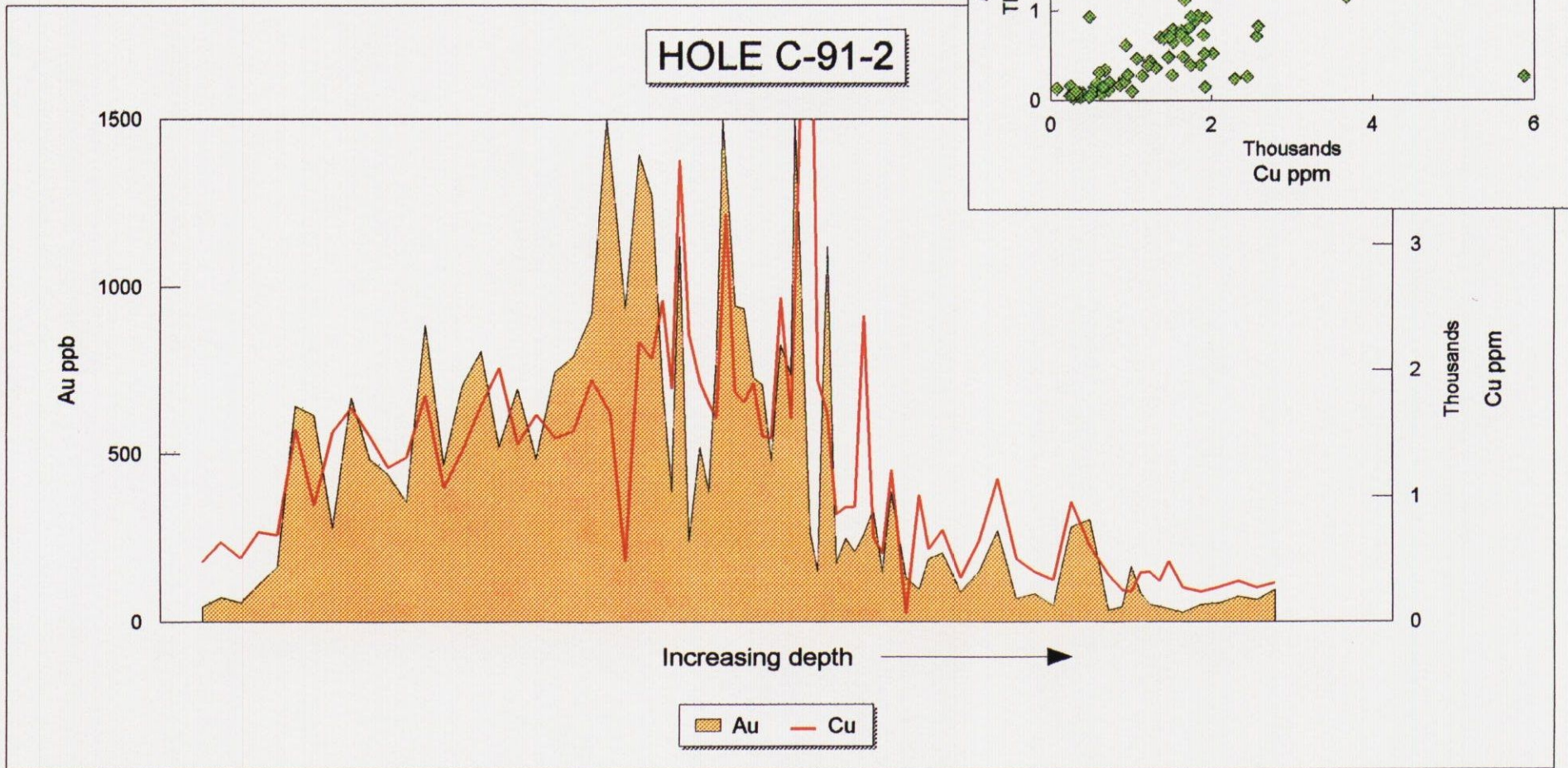


Figure 6 Distribution of Au and Cu values along hole C-91-2.

Figure 7a Au / Cu diagram

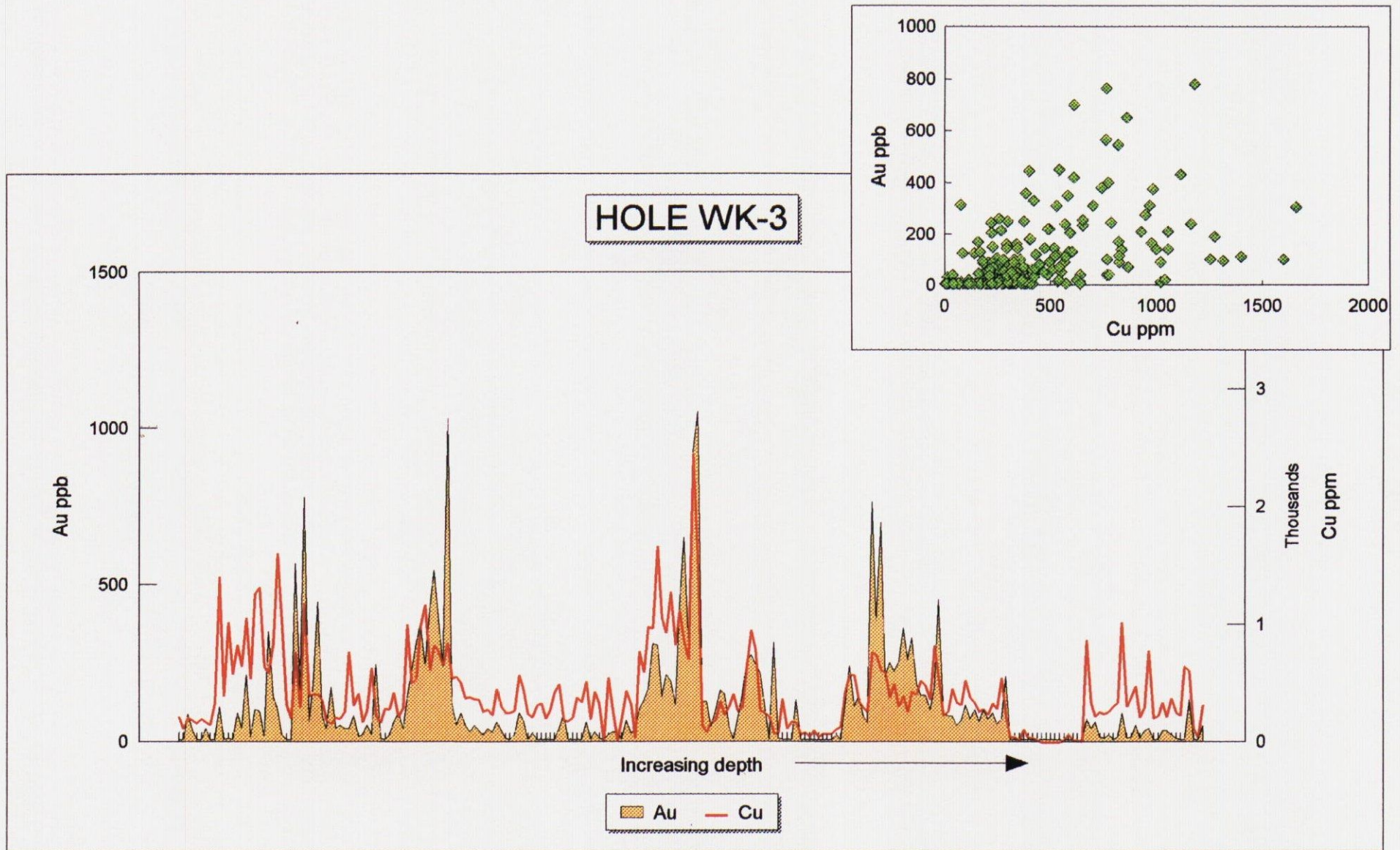


Figure 7 Distribution of Au and Cu values along hole WK-3

HOLE WK-3

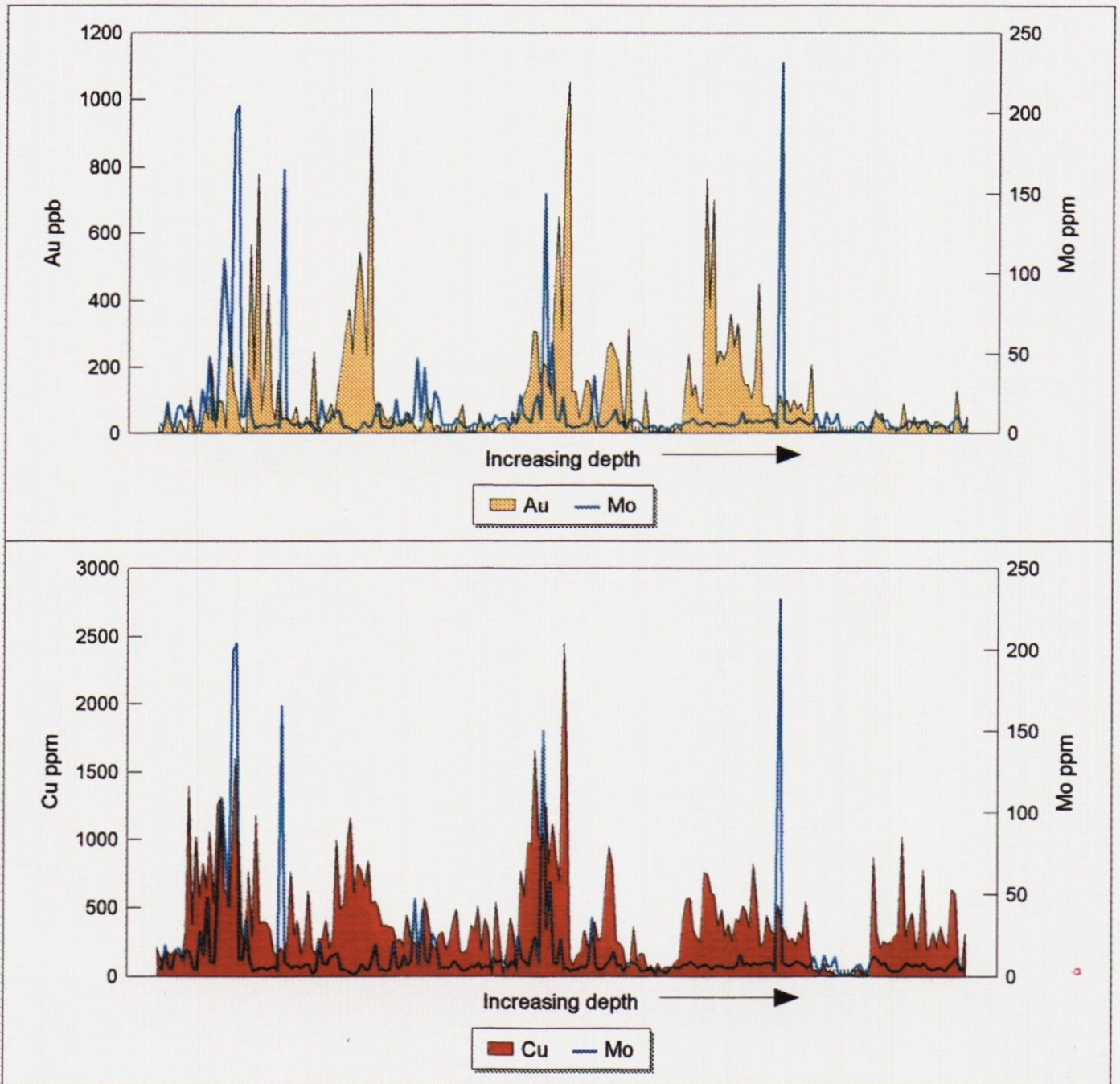


Figure 8 Distribution of Au, Cu and Mo values along hole WK-3.

Figure 9a Au / Cu diagram

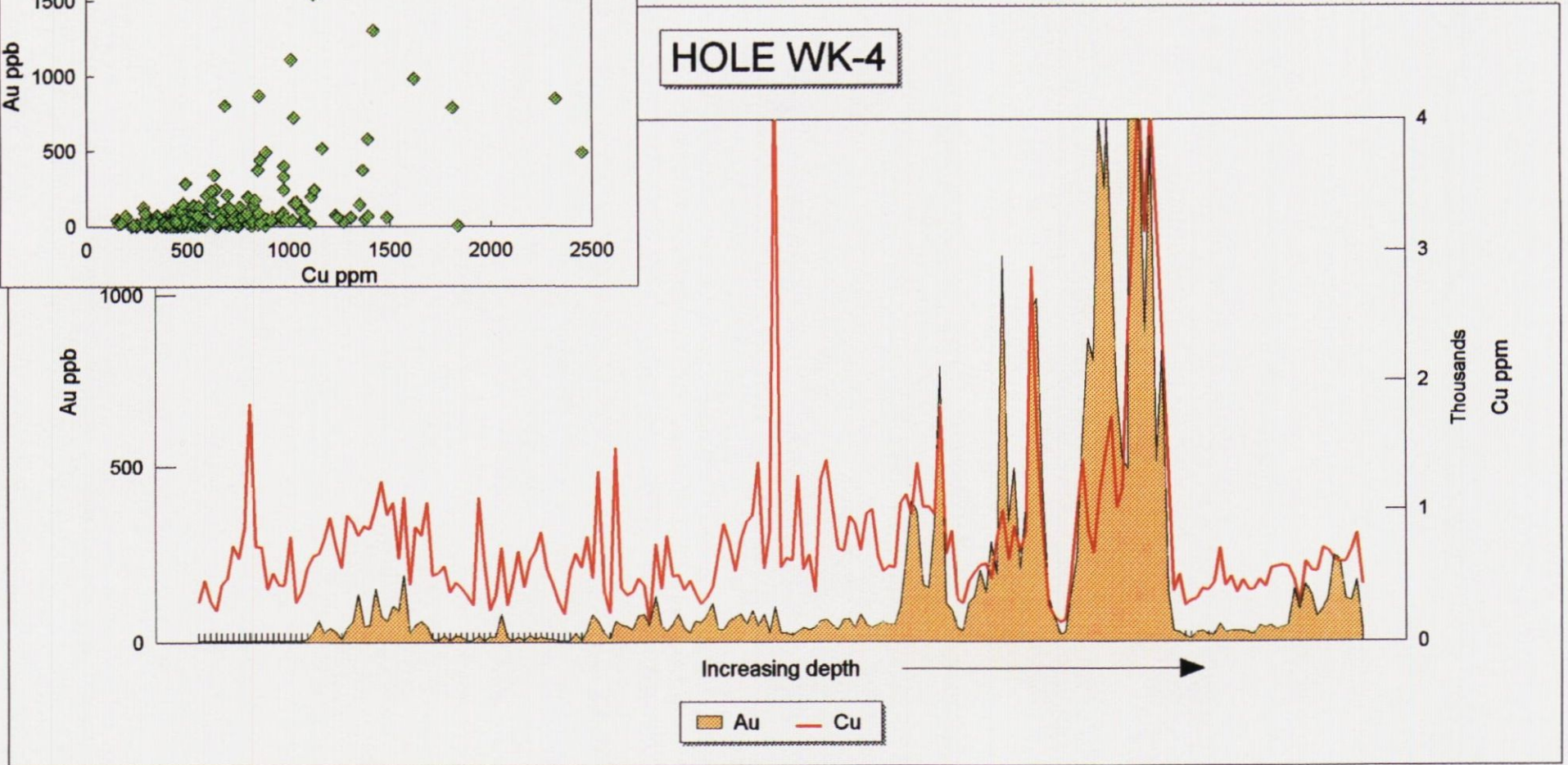
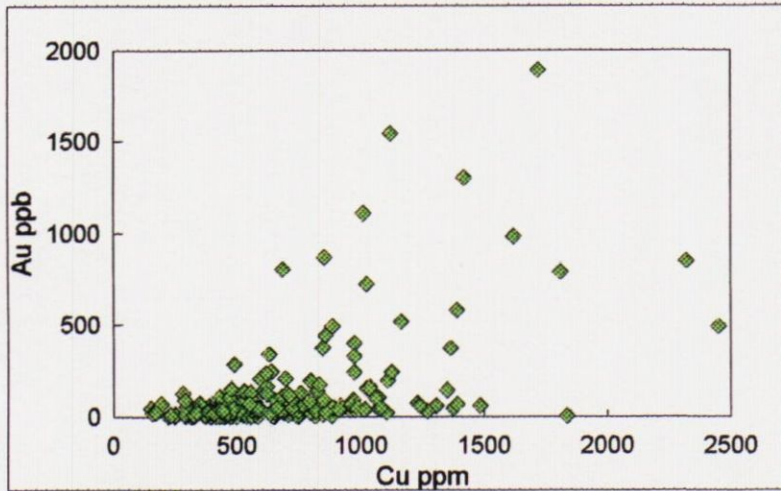


Figure 9. Distribution of Au and Cu values along hole WK-4.

HOLE WK-4

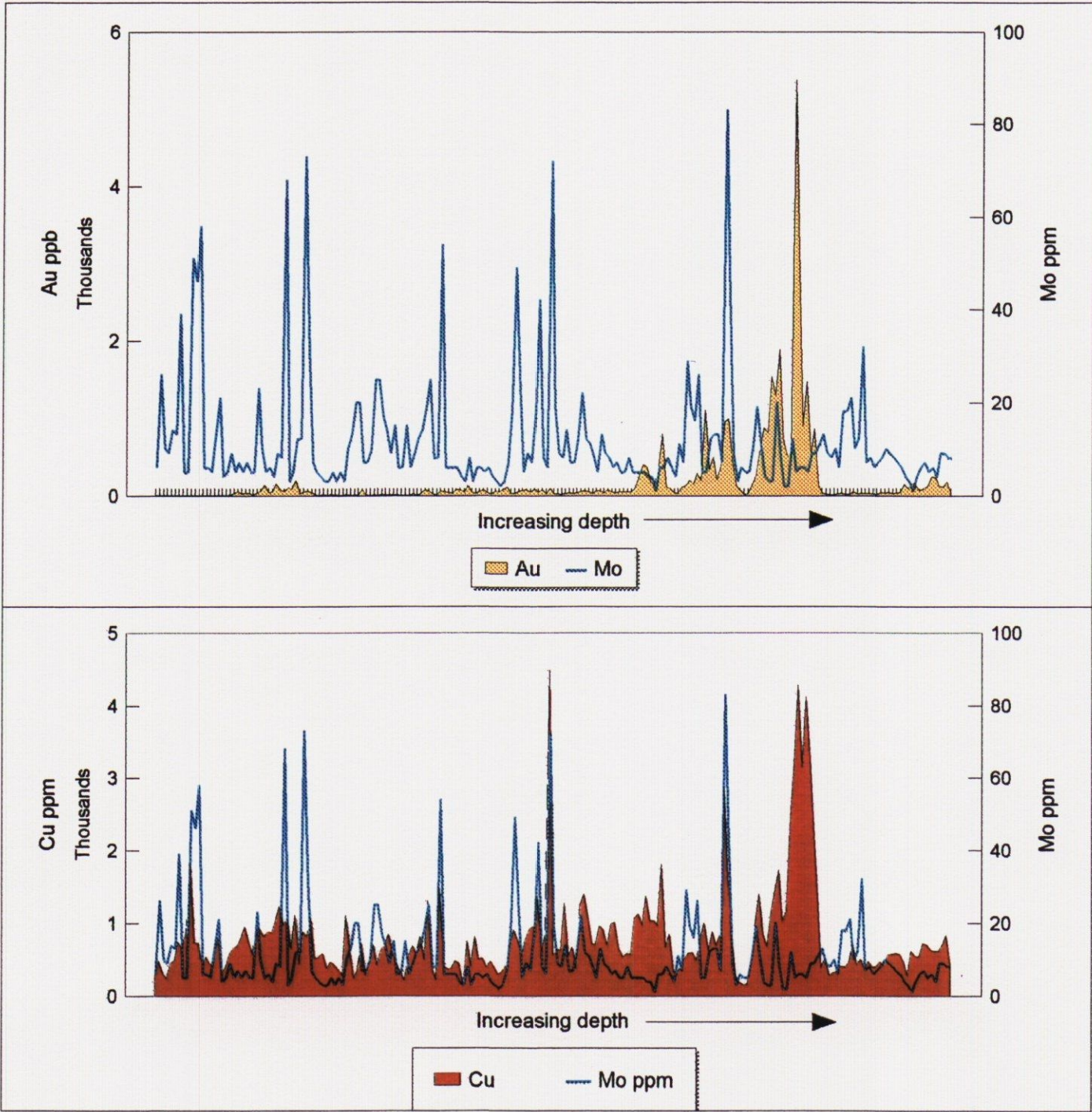


Figure10 Distribution of Au, Cu and Mo values values along hole WK-4.

Figure 11a Au / Cu diagram

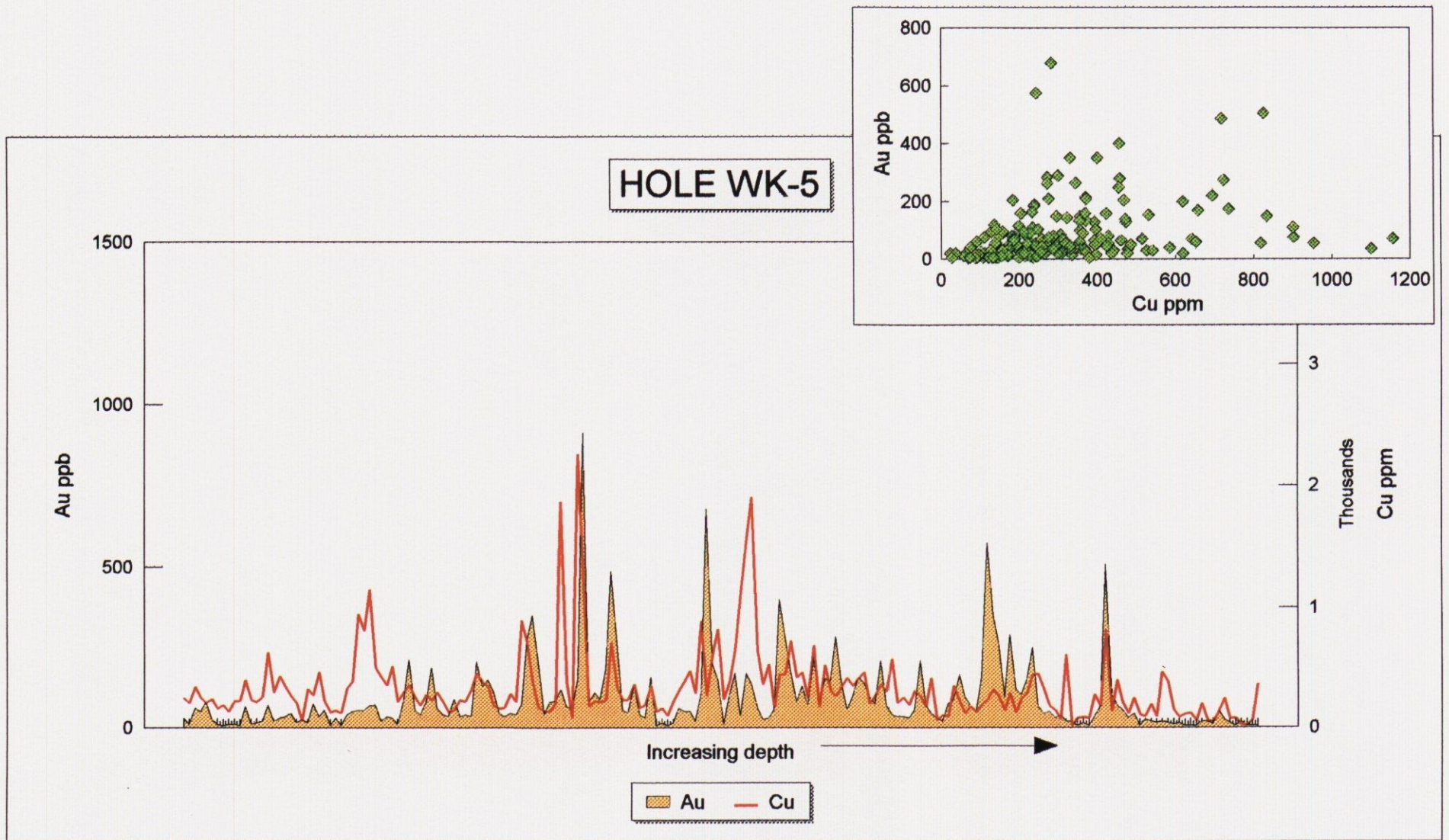


Figure 11 Distribution of Au and Cu values along hole WK-5.

HOLE WK-5

Gold and copper values are uniformly spread along hole WK-5, as shown on figure 11. Gold peaks generally fit with copper peaks and the same thing occurs with troughs. Au/Cu ratio is not constant as curves cross-cut. On the Au/Cu diagram (fig.11a), a straight regression line, indicating positive linear correlation, seems to fit well when using gold values not exceeding 200-300 ppb. With higher gold grades, the correlation (or the uncorrelation) between Au and Cu is not clear.

QUALITY CONTROL

For every seventy-five (75) samples sent, one (1) standard sample was sent for analysis in order to verify the laboratory accuracy. Table 5 compares certified values with assays results.

TABLE 5
Assays accuracy

	STANDARDS		
	INMET - 3	MA-2B	MA-1B
CERTIFIED VALUE (g/t Au)	6,11	2,39	17,00
QUANTITY *	5	2	1
MEAN (g/t Au)**	6,45	2,35	16,40
STANDARD DEVIATION (g/t Au)**	0,57	N/A	N/A

* Used during 1997 second drilling program

** Calculated from 1997 second drilling program

HOLE WK-2: FOLLOW-UP SAMPLING

Four (4) samples were taken to follow-up on the 5,34 g/t Au / 1.5 metres intersection in hole WK-2, drilled by Inmet in June 1997(see the 1997 first drilling program). Two (2) samples were taken immediately above and under the intersection (Table 6). Gold content is insignificant.

TABLE 6**Hole WK-2 : follow-up sampling**

SAMPLE #	FROM (m)	TO (m)	LENGTH (m)	Au (ppb)
211367	588,5	590,0	1,5	<5
211368	590,0	591,5	1,5	<5
211369	594,5	596,0	1,5	70
211370	596,0	597,5	1,5	40

CONCLUSION AND RECOMMENDATIONS

Hole WK-4, drilled southwest of hole C-91-2, returned **0,91 g/t Au and 0,15% Cu over 43,5 metres** at a vertical depth of about 160 metres, including a higher grade section of **1,74 g/t Au and 0,24% Cu over 15 metres**. Hole WK-3 and 5, drilled respectively below and northeast of hole C-91-2, intersected lower values suggesting the mineralized zone continues with a flat rake to the southwest into Norcan's ground. The mineralization does not seem to have any significant extension to the northeast, close to the surface. Because the grade does not seem to improve on the Norcan side, the acquisition of their claims is not proposed.

For many reasons, the Biralger option still offer a good potential for finding low grade/ large tonnage porphyry style gold/ copper mineralization: 1) favorable lithology (porphyritic syenite); 2) presence of large deformation corridor (Matachewan Fault); 3) good location (close to former gold producing mines); 4) large areas without outcrops remain untested (surface sampling, drilling).

However, considering Inmet's exploration criterias, it is not proposed to continue exploration work on the Biralger option. This recommandation is based on the following facts: 1) the overall grade is considered too low; 2) no more surface showing left; 3) only weak I.P. anomalies remain untested.

However, it is proposed to continue to test interpreted structures (Matachewan Fault or Cadillac-Larder Lake Fault?) underneath Cobalt group sedimentary rocks, on the Holmes-Flavelle property. The Holmes Lake Fault and I.P. anomalies in the vicinity of trench 5 (up to 900 ppb Au) and trench 9 (1,2 g/t Au over 6 metres, channel samples) should be tested by drilling on the Chartré-Dufresne option.

Inmet Mining Corporation

Marc-André Larouche
Project Geologist

STATEMENT OF QUALIFICATIONS

I, Marc-André Larouche of 1468 Vézina, Rouyn-Noranda, Québec do hereby certify as follow:

- I am a graduate of Université du Québec à Chicoutimi and hold a Bachelor of Science Degree in Geology (1993).
- I am presently employed on a full time basis with Inmet Mining Corporation (Exploration Division) located at 1300 Saguenay Blvd, Rouyn-Noranda, Québec.
- I have been employed as an exploration geologist on a full time basis since 1993.
- The information contained in this report was obtained on site supervision of the program and a review of all available exploration data.

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

Marc-André Larouche
project Geologist

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APPENDIX 1
DRILL LOG RECORDS

TROU NUMERO: WK-03

CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 03/02/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: BIRALGER OPTION
NUMÉRO DU PROJET: 771
CLAIM: 1132188, 1132184,
LOCALISATION:

COORDONNÉES UTM:
NORD: 5314531.40N
EST: 534595.26E
ELEV: 0.00

COORDONNÉE GRILLE:
NORD: 9 25E
EST: 39 27N
ELEV: 0.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 350.00M
LONGUEUR DE DÉPART: 0.00M
LONGUEUR FINALE: 350.00M

AZIMUT AU COLLET: 100° 0' 0"

AZIMUT GRILLE: 0° 0' 0"

DEBUTÉ LE: 10/11/1997
TERMINÉ LE: 14/11/1997
JOURNAL LE: / /

TEST AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

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

CONTRACTEUR: NOREX DRILLING
TUBAGE: 3m
ENTREPOSAGE: G.BERNATCHEZ
COORD. UTM:

COMMENTAIRES: BUT: "FOLLOW-UP" SUR LA ZONE BIRALGER (0.7g/t Au-0,2% Cu sur 99m).
WEDGES AT:

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
3.00	° 1 "	-45° 0' 0"	ACID	OK		-	-	-	-	-	
50.00	° 1 "	-45° 0' 0"	ACID	OK		-	-	-	-	-	
100.00	° 1 "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
150.00	° 1 "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
200.00	° 1 "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
250.00	° 1 "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
300.00	° 1 "	-46° 0' 0"	ACID	OK		-	-	-	-	-	
349.00	119° 0' 0"	-47° 0' 0"	TRO-PARI	OK		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	

TROU NUMERO: WK-03

JOURNAL DE SONDAGE

JOURNAL PAR: MARC-ANDRÉ LAROUCHE

PAGE: 1

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 3.00	TUBE					
3.00 A 240.40	«SYENITE»	<p>3.00-240.40:</p> <p>Syénite porphyrique à feldspath, localement équi-granulaire. La teinte est orange, pâle à rose pâle. Elle contient moins de 10% de minéraux mafiques disséminés et entre 10 à 50% de phénocristaux de feldspath rose pâle de 3-4mm en général. Les phénocristaux ne sont pas toujours facilement discernables du reste de la roche. Localement, les phénocristaux forment des amas compacts donnant un aspect équi-granulaire. La syénite est généralement magnétique. Il y a beaucoup de plans de fracture chloriteux (un à tous les 10 à 20cm) à environ 45°A.c.</p> <p>Jusqu'à 50m environ, plusieurs veines de qtz de teinte blanche à bleutée (le plus souvent) à environ 70°A.C. Ces veines contiennent fréquemment des grains ou amas de cpy.</p> <p>40.50-40.70: Dyke syénitique porphyrique à feldspath. Contient 50-60% de phénocristaux de feldspath. La teinte est grise à rosée. Magnétique. Les contacts ne sont pas très nets.</p>		<p>3.00-240.40}: «Calcite+++»</p> <p>Beaucoup de calcite sous forme pervasive et de veinules (souvent qtz/ calcite mais aussi sans qtz).</p>	<p>3.00-240.40:</p> <p>Pyrite disséminée et grains/amas de chalcopryrite disséminés, en placage ou le plus souvent associés à des veines de qtz.</p> <p>3.00-11.00}: «1% py + cpy.»</p> <p>11.00-20.00}: «1% py, < 1% cpy.»</p> <p>18.55: Veine de py, 1-2cm.</p> <p>19.20: Plusieurs amas de cpy.</p> <p>19.50: Minéral (métallique ?) rougeâtre associé à une v. qtz.</p> <p>20.00-26.00}: «<1% py, <1% cpy.»</p> <p>26.00-38.00}: «1% py + cpy.»</p> <p>33.20: 1 veine de py, 1cm</p> <p>38.00-41.00}: «1-2% py + cpy.» Plusieurs amas de cpy associés à des veines de qtz à 38.70 et 39.60m.</p>	<p>3.00-5.00}: «3%» v. qtz.</p> <p>5.00-8.00}: «4-5%» v. qtz.</p> <p>8.00-14.00}: «1-2%» v. qtz.</p> <p>14.00-18.50}: «1%» v. qtz.</p> <p>18.50-20.00}: «7%» v. qtz.</p> <p>20.00-26.00}: «3%» v. qtz.</p> <p>26.00-29.00}: «8-10%» v. qtz.</p> <p>29.00-35.00}: «5%» v. qtz.</p> <p>35.00-38.00}: «2%» v. qtz.</p> <p>38.00-41.00}: «6%» v. qtz.</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		<p>De 41.00-42.20: Dyke syénitique porphyrique à feldspath.</p> <p>De 43.80-?: Idem description précédente. Contact inférieur non trouvé.</p> <p>Contact avec le basalte, net à 70°A.C. Quelques petits fragments mafiques près du contact avec le basalte.</p>			<p>41.00-44.00: «1% py + cpy»</p> <p>44.00-113.00: «Tr-1% py + cpy.»</p> <p>57.90: Une v. de pyrite <1cm avec épointes fortement chloritisées.</p> <p>81.55: un amas de cpy dans une veine de qtz.</p>	<p>41.00-167.00: «1% v. qtz.</p> <p>63.90: un amas de qtz.</p> <p>69.35: v. qtz à 45°A.C. avec cpy.</p> <p>69.87: v. qtz 90°A.C.</p> <p>81.55: v. qtz. Idem à 45°A.C.</p> <p>83.20: v. qtz à 45°A.C.</p> <p>93.15: v. qtz. Plusieurs veinules de qtz.</p> <p>94.05: v. qtz 90°C.A. avec amas cpy.</p> <p>104.65: v. qtz 75°C.A.</p> <p>105.15: v. qtz + cpy.</p> <p>106.40: v. qtz + cpy.</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
						109.90: v. qtz à 90°C.A.
						110.20: v. qtz
						110.75: v. qtz 60°C.A.
						115.40: v. qtz de 1cm à 20°C.A. Cpy dans les épontes.
						131.65: v. qtz 45°C.A.
						131.85: v. qtz
						133.00: veinules de qtz.
						133.25: veinules de qtz.
						136.90: veinules de qtz.
						142.05: v. qtz + cpy 15°A.C.
						144.70: v. qtz + cpy 45°A.C.
						154.40: v. qtz
						154.60: v. qtz
						156.70: v. qtz, cpy.
						159.15: v. qtz 45°A.C.
						164.00: v. qtz + cpy.
						¶167.00-170.00¶: «2%» v. qtz.
						¶170.00-173.00¶: «3-5%» v. qtz.
						¶173.00-176.00¶: «2-3%» v. qtz.
						¶176.00-179.00¶: «3-5%» v. qtz.
						¶179.00-182.00¶: «5%» v. qtz.

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					†182.00-188.00‡: «Tr py + cpy.» †188.00-197.00‡: «<1% py + cpy.» †197.00-200.00‡: «1% py.» †200.00-240.40‡: «Tr -1% cpy + py.»	†182.00-191.00‡: «1%» v. qtz. 185.15: v. qtz. + cpy. †191.00-194.00‡: «3%» v. qtz. †194.00-197.00‡: «2%» v. qtz. †197.00-200.00‡: «3-5%» v. qtz. †200.00-212.00‡: «1%» v. qtz. 205.40: v. qtz + cpy. 205.85: v. qtz + cpy. †212.00-221.00‡: «<1%» v. qtz. †221.00-224.00‡: «5%» v. qtz. †224.00-227.00‡: «3-4%» v. qtz. †227.00-230.00‡: «1%» v. qtz. †230.00-239.00‡: «5%» v. qtz. †239.00-240.40‡: «2-3%» v. qtz.
240.40 A 350.00	«BASALTE»	240.40-283.35: Basalte massif ? à grains moyens et grossiers. Localement syénitisé sur quelques centimètre. Teinte vert épidote. Fortement magnétique. Plusieur veinules de magnétite. Contact inférieur net à 90°A.C. Pourrait-être un gabbro.		†240.40-283.35‡: «Cal++, Epi++++» Calcite ++ (veines, veinules et pervasif). Épidote +++ (pervasif).	Grains de chalcopryrite et pyrite disséminée dans des plans de fractures et dans des veinules de calcite, peu de cpy après 269m. †240.40-269.00‡: «Tr-1% cpy + py.» 243.30: une veinule de 2mm de galène + cpy + calcite. †269.00-272.00‡: «2% py.»	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
					269.30: Veine de pyrite de 1cm.	
					{272.00-283.35}: «Tr.-1% py.»	{271.40-271.41}: «2% v. qtz. 20°A.C.
		{283.3-294.85}: «Dy. Syé.» Dyke de syénite porphyrique à feldspath. Description similaire à l'intrusion syénitique décrite précédemment. Magnétique. Contact inférieur net à 45°A.C.		{283.35-294.85}: «Cal+++» Calcite ++	{283.35-294.85}: «Tr-1% py.»	Quelques v. qtz. + cpy. {289.75-289.76}: «v. qtz. + cpy» {290.85-290.86}: «v. qtz. + cpy» {291.00-291.01}: «v. qtz. + cpy»
		294.85-300.65: Basalte légèrement folié à 35-40°A.C. Non magnétique. Contact inférieur approximatif.		{294.85-300.65}: «Cal+++ , Bio+» Calcite +++ (veinules et pervasif). Biotite + (cristaux disséminés).	{294.85-301.10}: «Tr py.»	
		300.65-301.10: Basalte fortement folié à 45°A.C. Non magnétique. Contact inférieur à 90°A.C.		{300.65-301.10}: «Cal++++, Chl+++ , Bio+» Calcite ++++ (veinules parallèles à la foliation). Chl +++ (plans de foliation). Biotite +		
		{301.10-309.00}: «Dy. Syé» Dyke de syénite porphyrique à feldspath similaire à précédent. Magnétique. Contact inférieur 90°A.C.		{301.10-309.00}: «Cal+» Calcite +	{301.10-309.00}: «Tr py.»	{302.00-305.00}: «3% v. qtz.
		309.00-310.65: Zone hybride syénite/basalte.		{309.00-310.65}: «Cal+»	{309.00-320.00}: «<1% py + cpy.»	
		310.65-336.35: Basalte / gabbro ? à grains moyens grossiers similaire à 240.40-283.45m.		{310.65-336.35}: «Epi+++ , Cal+++» Epidote +++ Calcite ++	310.45: Amas de pyrite sur quelques centimètres d'épaisseur.	
		319.70-320.00: Dyke de syénite. Porphyrique à feldspath. Il contient moins de 5% de phénocristaux de		{319.70-320.00}: «Cal+++ , Hém++++» Calcite +++ Hématite ++++	{320.00-323.00}: «1% py + cpy.»	

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		feldspath. La teinte est rouge foncé et il contient beaucoup de veines de calcite. Magnétique. Contact supérieur net à 50°A.C. et contact inférieur net à 25°A.C.				
		{321.95-323.00}: «Dy. Syé» Dyke de syénite. Porphyrique à feldspath. Il contient de 5-105 de phénocristaux de feldspath de 2-3mm. La teinte est gris moyen à foncé. Magnétique. Contact supérieur net à 40°A.C. et inférieur graduel de 322.70 à 323m.			322.70: Veinules de py + cpy. + qtz + calcite.	{322.70-322.71}: «Amas qtz +cpy +py.»
		324.85: Dyke de syénite porphyrique à feldspath, de 10cm d'épaisseur, similaire au précédent.			{323.00-329.00}: «<1% py + cpy.» {329.00-332.00}: «1% py + cpy.» {332.00-336.35}: «<1% py + cpy.»	{324.90-324.91}: «v. qtz.»
		{336.35-348.10}: «Dy. Syé.» Dyke de syénite porphyrique à feldspath, simialire à la syénite décrite au début du trou. La teinte est d'aspect marbré rougeâtre à grise en raison de l'hématisation pervasive mais non uniforme. Localement quelques enclaves de basalte partiellement assimilés. Magnétique. Contact supérieur net à 70°A.C. et inférieur net à 45°A.C.			{336.35-348.10}: «<1% py + cpy.»	{337.90-337.91}: «v. qtz.» {338.00-341.00}: «3-4% v. qtz. + cpy + py.» {341.80-341.81}: «v. qtz.» {344.20-344.21}: «v. qtz.» {346.10-346.11}: «v. qtz.»
		348.10-350.00: Basalte / Gabbro similaire au précédent.			348.10-350.00: <1% py + cpy.	
350.00 A 350.00		Fin du trou (62 boîtes).				

TROU NUMERO: WK-03

ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203501	5.00	6.50	1.50	211	42	10	0.2	5	6	2	2
203502	6.50	8.00	1.50	111	36	8	0.2	5	4	2	2
203503	8.00	9.50	1.50	206	58	8	0.2	85	19	2	2
203504	9.50	11.00	1.50	180	32	8	0.2	35	6	2	2
203505	11.00	12.50	1.50	159	40	6	0.2	5	4	2	2
203506	12.50	14.00	1.50	195	38	44	1.0	5	16	2	2
203507	14.00	15.50	1.50	172	36	6	0.2	40	17	2	2
203508	15.50	17.00	1.50	141	50	24	0.6	5	9	10	2
203509	17.00	18.50	1.50	327	40	14	0.4	5	16	4	2
203510	18.50	20.00	1.50	1400	42	12	0.8	110	15	2	2
203511	20.00	21.50	1.50	385	46	4	0.2	5	5	2	2
203512	21.50	23.00	1.50	1020	32	8	0.4	10	4	2	2
203513	23.00	24.50	1.50	573	38	6	0.2	5	27	2	2
203514	24.50	26.00	1.50	825	42	8	0.2	90	13	2	2
203515	26.00	27.50	1.50	640	30	6	0.4	40	48	2	2
203516	27.50	29.00	1.50	1055	38	6	0.4	210	8	2	2
203517	29.00	30.50	1.50	533	38	12	0.4	15	8	2	2
203518	30.50	32.00	1.50	1255	34	20	1.2	100	68	2	2
203519	32.00	33.50	1.50	1315	28	28	1.0	95	109	2	2
203520	33.50	35.00	1.50	638	30	26	0.6	15	77	2	2
203521	35.00	36.50	1.50	581	26	10	0.2	350	42	2	2
203522	36.50	38.00	1.50	835	26	10	0.6	140	199	2	2
203523	38.00	39.50	1.50	1600	38	18	0.8	100	204	2	2
203524	39.50	41.00	1.50	1040	36	12	0.4	20	10	2	2
203525	41.00	42.50	1.50	313	62	16	0.2	5	10	2	2
203526	42.50	44.00	1.50	198	34	16	0.2	5	34	2	2
203527	44.00	45.50	1.50	763	52	6	0.8	565	10	2	2
203528	45.50	47.00	1.50	293	46	2	0.2	160	3	2	2
203529	47.00	48.50	1.50	1180	46	2	0.6	780	4	2	2
203530	48.50	50.00	1.50	389	56	4	0.2	60	5	2	2
203531	50.00	51.50	1.50	402	60	4	0.6	180	5	2	2
203532	51.50	53.00	1.50	400	86	6	0.8	445	4	2	2
203533	53.00	54.50	1.50	351	88	30	0.4	80	5	2	2
203534	54.50	56.00	1.50	180	88	12	0.4	40	6	2	2
203535	56.00	57.50	1.50	156	72	8	0.4	170	3	2	2
203536	57.50	59.00	1.50	206	124	14	0.4	40	165	2	2
203537	59.00	60.50	1.50	196	70	8	0.2	50	9	2	2
203538	60.50	62.00	1.50	256	88	6	0.2	40	7	2	2
203539	62.00	63.50	1.50	765	80	42	3.0	40	5	2	2
203540	63.50	65.00	1.50	305	94	6	0.6	80	6	2	2
203541	65.00	66.50	1.50	407	82	4	0.2	15	6	2	2
203542	66.50	68.00	1.50	167	70	4	0.2	20	5	2	2
203543	68.00	69.50	1.50	261	78	4	0.2	50	7	2	2
203544	69.50	71.00	1.50	625	90	6	0.2	20	7	2	2
203545	71.00	72.50	1.50	218	72	2	1.4	245	1	2	2
203546	72.50	74.00	1.50	162	102	6	0.8	10	4	2	2
203547	74.00	75.50	1.50	278	78	12	0.2	5	21	2	2

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ANALYSES

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203548	75.50	77.00	1.50	272	66	10	0.2	20	8	2	2
203549	77.00	78.50	1.50	411	54	6	0.2	60	7	2	2
203550	78.50	80.00	1.50	206	62	2	0.2	90	12	2	2
203551	80.00	81.50	1.50	290	54	6	0.2	40	13	2	2
203552	81.50	83.00	1.50	999	50	6	0.6	140	14	2	2
203553	83.00	84.50	1.50	496	56	6	0.2	220	4	2	2
203554	84.50	86.00	1.50	529	70	4	0.2	310	4	2	2
203555	86.00	87.50	1.50	984	70	2	0.6	375	3	2	2
203556	87.50	89.00	1.50	1165	78	2	0.6	240	2	2	2
203557	89.00	90.50	1.50	610	60	2	0.4	420	1	2	2
203558	90.50	92.00	1.50	819	78	6	4.2	545	3	2	2
203559	92.00	93.50	1.50	773	58	12	1.0	400	7	2	2
203560	93.50	95.00	1.50	652	42	8	1.0	235	4	2	2
203561	95.00	96.50	1.50	842	56	12	1.4	1030	4	2	2
203562	96.50	98.00	1.50	531	54	10	0.6	120	10	2	2
203563	98.00	99.50	1.50	551	34	8	1.0	50	19	2	2
203564	99.50	101.00	1.50	496	36	6	1.0	90	4	2	2
203565	101.00	102.50	1.50	369	54	6	0.4	50	4	2	2
203566	102.50	104.00	1.50	378	72	8	0.2	30	3	2	2
203567	104.00	105.50	1.50	363	52	10	0.8	50	4	2	2
203568	105.50	107.00	1.50	358	60	16	0.6	35	21	2	2
203569	107.00	108.50	1.50	259	56	24	0.4	20	5	2	2
203570	108.50	110.00	1.50	273	32	28	0.6	40	5	2	2
203571	110.00	111.50	1.50	225	54	20	0.6	30	13	2	2
203572	111.50	113.00	1.50	447	66	26	0.6	60	6	2	2
203573	113.00	114.50	1.50	300	40	18	0.6	35	9	2	2
203574	114.50	116.00	1.50	245	38	26	0.8	10	47	6	2
203575	116.00	117.50	1.50	246	50	12	0.4	5	7	2	2
203577	117.50	119.00	1.50	262	46	12	0.6	20	41	2	2
203578	119.00	120.50	1.50	566	74	8	0.4	90	10	2	2
203579	120.50	122.00	1.50	440	68	10	0.6	65	7	2	2
203580	122.00	123.50	1.50	241	50	20	0.4	5	26	2	2
203581	123.50	125.00	1.50	205	58	8	0.2	25	20	2	2
203582	125.00	126.50	1.50	305	26	16	0.2	5	5	2	2
203583	126.50	128.00	1.50	326	30	12	0.2	5	5	2	2
203584	128.00	129.50	1.50	194	30	8	0.2	5	5	2	2
203585	129.50	131.00	1.50	271	30	6	0.2	5	5	2	2
203586	131.00	132.50	1.50	414	30	6	0.2	5	9	2	2
203587	132.50	134.00	1.50	486	22	14	0.4	40	7	2	2
203588	134.00	135.50	1.50	181	24	8	0.2	85	4	2	2
203589	135.50	137.00	1.50	173	24	8	0.2	5	3	2	2
203590	137.00	138.50	1.50	202	28	6	0.2	5	4	2	2
203591	138.50	140.00	1.50	375	30	16	0.2	5	6	2	2
203592	140.00	141.50	1.50	334	44	14	0.2	5	5	2	2
203593	141.50	143.00	1.50	510	58	14	0.2	60	8	2	2
203594	143.00	144.50	1.50	192	56	10	0.2	5	4	2	2
203595	144.50	146.00	1.50	422	36	14	0.2	30	6	2	2

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ANALYSES

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203596	146.00	147.50	1.50	326	30	4	0.2	10	5	2	2
203597	147.50	149.00	1.50	7	34	2	0.2	5	11	2	2
203598	149.00	150.50	1.50	539	50	2	0.2	20	8	2	2
203599	150.50	152.00	1.50	280	52	2	0.2	30	9	2	2
203600	152.00	153.50	1.50	13	40	2	0.2	30	9	2	2
203601	153.50	155.00	1.50	190	56	2	0.2	5	4	2	2
203602	155.00	156.50	1.50	429	44	2	0.2	65	9	2	2
203603	156.50	158.00	1.50	314	48	2	0.2	25	6	2	2
203604	158.00	159.50	1.50	36	38	2	0.2	40	24	2	2
203605	159.50	161.00	1.50	766	48	2	0.2	100	11	2	2
203606	161.00	162.50	1.50	587	38	12	0.2	130	9	2	2
203607	162.50	164.00	1.50	978	36	24	0.6	165	6	2	2
203608	164.00	165.50	1.50	968	30	30	1.2	310	18	2	2
203609	165.50	167.00	1.50	1660	34	24	2.2	305	24	2	2
203610	167.00	168.50	1.50	1055	30	10	1.2	140	8	2	2
203611	168.50	170.00	1.50	928	26	12	1.4	210	150	2	2
203612	170.00	171.50	1.50	1275	34	14	1.0	190	29	2	2
203613	171.50	173.00	1.50	824	30	18	1.0	115	57	4	2
203614	173.00	174.50	1.50	1115	36	20	0.8	430	9	2	2
203615	174.50	176.00	1.50	860	52	18	0.8	650	7	2	2
203616	176.00	177.50	1.50	701	60	16	1.0	310	22	2	2
203617	177.50	179.00	1.50	2450	72	4	1.0	925	4	2	2
203618	179.00	180.50	1.50	1585	58	2	1.2	1050	5	2	2
203619	180.50	182.00	1.50	140	58	10	0.2	125	3	2	2
203620	182.00	183.50	1.50	83	64	10	0.2	125	4	4	2
203621	183.50	185.00	1.50	159	72	40	0.6	45	4	2	2
203622	185.00	186.50	1.50	179	78	18	0.2	95	6	2	2
203623	186.50	188.00	1.50	340	78	144	3.0	160	5	2	2
203624	188.00	189.50	1.50	226	68	12	0.2	150	8	2	2
203625	189.50	191.00	1.50	296	60	50	0.8	45	36	10	2
203626	191.00	192.50	1.50	401	62	54	0.8	5	6	4	2
203627	192.50	194.00	1.50	262	46	14	0.2	70	4	2	2
203628	194.00	195.50	1.50	293	42	6	0.2	145	4	2	2
203629	195.50	197.00	1.50	652	74	26	0.6	255	7	2	2
203630	197.00	198.50	1.50	949	94	76	1.2	275	9	2	2
203631	198.50	200.00	1.50	787	116	148	2.0	245	15	2	2
203632	200.00	201.50	1.50	267	86	6	0.4	215	6	2	2
203633	201.50	203.00	1.50	245	88	2	1.0	105	7	2	2
203634	203.00	204.50	1.50	215	74	26	0.2	5	2	2	2
203635	204.50	206.00	1.50	74	56	10	0.2	315	8	6	2
203636	206.00	207.50	1.50	76	64	20	0.2	10	8	2	2
203637	207.50	209.00	1.50	362	92	54	0.4	5	8	4	2
203638	209.00	210.50	1.50	111	84	32	0.2	5	6	4	2
203639	210.50	212.00	1.50	169	50	38	0.2	5	3	2	2
203640	212.00	213.50	1.50	166	56	6	0.2	130	3	2	2
203641	213.50	215.00	1.50	61	52	8	0.2	5	4	6	2
203642	215.00	216.50	1.50	83	58	4	0.2	5	5	2	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203643	216.50	218.00	1.50	42	40	6	0.2	5	1	2	2
203644	218.00	219.50	1.50	97	42	20	0.2	5	5	6	2
203645	219.50	221.00	1.50	43	52	22	0.2	5	3	2	2
203646	221.00	222.50	1.50	71	52	20	0.2	5	2	6	2
203647	222.50	224.00	1.50	71	36	16	0.2	5	4	2	2
203648	224.00	225.50	1.50	70	56	24	0.2	5	6	2	2
203649	225.50	227.00	1.50	112	62	24	0.2	20	5	2	2
203651	227.00	228.50	1.50	127	48	20	0.2	5	5	2	2
203652	228.50	230.00	1.50	430	72	98	0.6	120	7	2	2
203653	230.00	231.50	1.50	568	82	34	0.2	240	7	4	2
203654	231.50	233.00	1.50	570	84	28	0.4	110	9	4	2
203655	233.00	234.50	1.50	343	56	36	0.6	145	7	2	2
203656	234.50	236.00	1.50	288	80	24	0.2	80	5	2	2
203657	236.00	237.50	1.50	256	92	8	0.2	60	6	6	2
203658	237.50	239.00	1.50	764	84	6	0.6	765	7	2	2
203659	239.00	240.50	1.50	742	90	2	0.2	380	6	2	2
203660	240.50	242.00	1.50	612	170	4	0.2	700	4	2	2
203661	242.00	243.50	1.50	592	182	2	0.2	205	6	2	2
203662	243.50	245.00	1.50	375	162	2	0.2	250	6	2	2
203663	245.00	246.50	1.50	488	158	2	0.2	220	6	2	2
203664	246.50	248.00	1.50	297	190	2	0.2	250	5	2	2
203665	248.00	249.50	1.50	385	140	4	0.2	360	5	2	2
203666	249.50	251.00	1.50	256	164	2	0.2	260	5	2	2
203667	251.00	252.50	1.50	422	170	4	0.2	330	6	2	2
203668	252.50	254.00	1.50	403	200	2	0.2	180	13	2	2
203669	254.00	255.50	1.50	518	172	8	0.6	145	6	6	2
203670	255.50	257.00	1.50	472	284	28	0.6	145	8	2	2
203671	257.00	258.50	1.50	356	172	4	0.2	100	6	2	2
203672	258.50	260.00	1.50	821	314	106	0.8	170	8	2	2
203673	260.00	261.50	1.50	542	166	28	0.6	450	7	2	2
203674	261.50	263.00	1.50	226	140	2	0.4	90	7	2	2
203675	263.00	264.50	1.50	254	144	6	0.2	80	8	2	2
203676	264.50	266.00	1.50	449	130	14	0.4	80	8	2	2
203677	266.00	267.50	1.50	338	118	10	0.2	50	8	2	2
203678	267.50	269.00	1.50	312	166	18	0.4	65	3	2	2
203679	269.00	270.50	1.50	521	160	30	1.6	115	231	4	2
203680	270.50	272.00	1.50	372	210	4	0.2	70	8	8	2
203681	272.00	273.50	1.50	329	154	14	0.2	100	7	8	2
203682	273.50	275.00	1.50	257	146	18	0.2	60	6	2	2
203683	275.00	276.50	1.50	277	132	14	0.2	100	7	2	2
203684	276.50	278.00	1.50	229	126	2	0.2	70	9	2	2
203685	278.00	279.50	1.50	327	164	76	0.8	90	8	4	2
203686	279.50	281.00	1.50	280	182	8	2.0	55	7	2	2
203687	281.00	282.50	1.50	542	160	8	0.2	70	5	2	2
203688	282.50	284.00	1.50	221	134	4	0.2	205	6	2	2
203689	284.00	285.50	1.50	45	122	6	0.2	5	12	2	2
203690	285.50	287.00	1.50	45	138	8	0.2	5	5	2	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203691	287.00	288.50	1.50	15	142	8	0.2	5	3	2	2
203692	288.50	290.00	1.50	105	102	62	0.2	5	13	2	2
203693	290.00	291.50	1.50	37	108	4	0.2	5	6	4	2
203694	291.50	293.00	1.50	35	102	4	0.2	5	6	4	2
203695	293.00	294.50	1.50	17	110	2	0.2	5	12	6	2
203696	294.50	296.00	1.50	1	162	2	0.2	5	1	6	2
203697	296.00	297.50	1.50	1	122	2	0.2	5	1	18	2
203698	297.50	299.00	1.50	1	152	2	0.2	5	1	2	2
203699	299.00	300.50	1.50	1	198	2	0.2	5	1	6	2
203700	300.50	302.00	1.50	1	136	2	0.2	5	3	10	2
203701	302.00	303.50	1.50	19	54	6	0.2	5	6	2	2
203702	303.50	305.00	1.50	64	54	12	0.2	5	7	2	2
203703	305.00	306.50	1.50	15	60	12	0.2	5	3	2	2
203704	306.50	308.00	1.50	13	58	12	0.2	5	2	2	2
203705	308.00	309.50	1.50	6	98	20	0.2	5	9	2	2
203706	309.50	311.00	1.50	866	128	44	1.8	70	12	6	2
203707	311.00	312.50	1.50	333	74	2	0.4	40	10	12	2
203708	312.50	314.00	1.50	213	74	6	0.4	60	7	2	2
203709	314.00	315.50	1.50	256	72	2	0.4	15	8	2	2
203710	315.50	317.00	1.50	237	72	2	0.2	10	4	2	2
203711	317.00	318.50	1.50	255	78	6	0.2	20	3	2	2
203712	318.50	320.00	1.50	299	82	2	0.6	5	3	4	2
203713	320.00	321.50	1.50	328	94	18	0.8	15	3	8	2
203714	321.50	323.00	1.50	1020	116	24	1.8	90	5	2	2
203715	323.00	324.50	1.50	298	102	6	0.2	10	8	8	2
203716	324.50	326.00	1.50	382	138	8	0.4	15	7	10	2
203717	326.00	327.50	1.50	468	140	2	1.2	50	6	2	2
203718	327.50	329.00	1.50	206	102	2	0.2	10	7	6	2
203719	329.00	330.50	1.50	295	126	2	0.2	35	6	6	2
203720	330.50	332.00	1.50	776	150	8	0.6	40	8	2	2
203721	332.00	333.50	1.50	203	134	6	0.2	5	5	2	2
203722	333.50	335.00	1.50	218	126	2	0.2	5	4	4	2
203723	335.00	336.50	1.50	329	128	6	0.4	35	4	2	2
203724	336.50	338.00	1.50	210	54	54	0.4	35	5	2	2
203726	338.00	339.50	1.50	365	90	34	0.8	20	5	2	2
203727	339.50	341.00	1.50	250	68	40	0.4	10	3	2	2
203728	341.00	342.50	1.50	222	110	72	0.8	5	6	2	2
203729	342.50	344.00	1.50	639	124	22	1.0	5	8	6	2
203730	344.00	345.50	1.50	602	56	38	1.6	130	11	2	2
203731	345.50	347.00	1.50	112	90	8	0.2	5	4	2	2
203732	347.00	348.50	1.50	38	94	6	0.2	5	4	2	2
203733	348.50	350.00	1.50	314	92	2	0.6	50	4	2	2

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	27.50	53.00	25.50	752	43	12	0.5	191	47	2	2
MOY.	83.00	96.50	13.50	763	63	6	1.1	419	4	2	2
MOY.	164.00	180.50	16.50	1220	42	15	1.2	421	30	2	2
MOY.	195.50	206.00	10.50	456	84	42	0.8	202	8	3	2
MOY.	237.50	261.50	24.00	503	176	13	0.3	307	7	2	2

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CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

DATE: 03/02/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: BIRALGER OPTION
NUMÉRO DU PROJET: 771
CLAIM: 1132183, 1132184, 1132188
LOCALISATION:

COORDONNÉES UTM:
NORD: 5314386.48N
EST: 534833.30E
ELEV: 0.00

COORDONNÉE GRILLE:
NORD: 6 75N
EST: 40 50E
ELEV: 0.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 311.00M
LONGUEUR DE DÉPART: 0.00M
LONGUEUR FINALE: 311.00M

AZIMUT AU COLLET: 280° 0' 0"

AZIMUT GRILLE: 0° 0' 0"

DEBUTÉ LE: 15/11/1997
TERMINÉ LE: 18/11/1997
JOURNAL LE: / /

TEST AU COLLET: NON
MULTISHOT: NON
RQD LOG: NON

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

CONTRACTEUR: NOREX DRILLING
TUBAGE: 3m
ENTREPOSAGE: G. BERNATCHEZ
COORD. UTM:

COMMENTAIRES: BUT: "FOLLOW-UP" SUR LA ZONE BIRALGER.
WEDGES AT:

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
3.00	° ' "	-44° 0' 0"	ACID	OK		-	-	-	-	-	
50.00	° ' "	-40° 0' 0"	ACID	OK		-	-	-	-	-	
100.00	° ' "	-38° 0' 0"	ACID	OK		-	-	-	-	-	
150.00	° ' "	-38° 0' 0"	ACID	OK		-	-	-	-	-	
200.00	° ' "	-38° 0' 0"	ACID	OK		-	-	-	-	-	
250.00	° ' "	-39° 0' 0"	ACID	OK		-	-	-	-	-	
311.00	294° 0' 0"	-42° 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 3.00	TUBE					
3.00 A 80.10	«BASALTE» « COUSSINÉ »	<p>3.00-58.50:</p> <p>Basalte coussiné folié à environ 40°A.C. Il y a une alternance de bandes beiges et de bandes vert foncé à gris foncé jusqu'à 47m. Cette alternance de teintes pâles et foncées est due à l'altération (bleaching) qui suit la foliation. Il y a beaucoup de veinules et de grains de magnétite disséminés. Il y a également beaucoup de veines et veinules de qtz de teinte bleutée. Quelques sections centimétriques de teinte rose à rougeâtre (légère syénitisation). Plusieurs sections bréchiques de quelques dizaines de centimètres formées de fragments anguleux de basalte "bleached" (bordures de coussins).</p> <p>A partir de 47m environ, la teinte est gris verdâtre.</p>		<p>‡3.00-47.00‡: «BLEACHING +++++»</p> <p>"Bleaching" +++++ sous la forme d'une alternance de bandes beige pâle centimétriques à environ 40°A.C. définissant ainsi une foliation. Calcite + (léger).</p> <p>‡47.00-58.50‡: «Cal++++» Calcite++++ (Veinules et pervasif).</p>	<p>Pyrite et chalcopryrite disséminés, en placage et dans des veines de qtz localement.</p> <p>‡3.00-17.00‡: «<1% py + cpy.»</p> <p>Quelques amas de cpy et pyrite disséminés associés à des v.de qtz à: 10.50m et 10.75m.</p> <p>‡17.00-18.50‡: «4% py + cpy.»</p> <p>‡18.50-20.00‡: «<1% py + cpy.»</p> <p>‡20.00-21.50‡: «5-10% py + cpy.»</p> <p>‡21.50-42.50‡: «<1% py + cpy.»</p> <p>38.20-38.50: Amas py + cpy diss.</p> <p>‡42.50-44.00‡: «1-2% py + cpy.»</p> <p>‡44.00-58.50‡: «<1% py + cpy.»</p>	<p>Plusieurs veines, veinules et amas de qtz bleuté.</p> <p>‡3.00-5.00‡: «1%»</p> <p>‡5.00-11.00‡: «3%»</p> <p>‡11.00-14.00‡: «3-4%»</p> <p>‡14.00-17.00‡: «<1%»</p> <p>‡17.00-20.00‡: «6%»</p> <p>‡20.00-23.00‡: «4%»</p> <p>‡23.00-26.00‡: «3%»</p> <p>‡26.00-29.00‡: «2%»</p> <p>‡29.00-32.00‡: «1%»</p> <p>‡32.00-35.00‡: «<1%»</p> <p>‡35.00-38.00‡: «2-3%»</p> <p>‡38.00-44.00‡: «4%»</p> <p>‡44.00-47.00‡: «2%»</p> <p>Carotte brisée en petits morceaux de: 14.00-15.40 et 17.45-17.70.</p> <p>‡47.00-50.00‡: «<1%»</p> <p>‡50.00-58.50‡: «1%»</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		<p>{58.50-62.50}: «Dy. Syé» Dyke de syénite aphyrique. La teinte est rouge foncé, faiblement magnétique. Contact supérieur graduel. Contact inférieur graduel et faillé à 45°A.C. (boue de faille sur 1cm).</p>		<p>{58.50-62.50}: «Hém+++» Hématisation +++ (pervasif). Calcite +</p>	<p>{58.50-62.50}: «<1% cpy + py.»</p>	<p>{58.50-62.50}: «1-2%» v. qtz. + cpy.</p>
		<p>62.50-80.10: Basalte coussiné similaire aux descriptions précédentes.</p>		<p>{62.50-80.10}: «Cal+++» Calcite +++</p>	<p>{62.50-80.10}: «Tr-1% cpy + py»</p>	<p>{62.50-71.00}: «1%» {71.00-80.10}: «<1%»</p>
80.10 A 311.00	«SYÉNITE»	<p>80.10-311.00: Syénite porphyrique à feldspath. La teinte est rouge moyen à foncé. Les phénocristaux de feldspath (5-20%) sont de teinte rougeâtre à violacé et se confondent facilement avec la matrice (mésostase ?). Magnétique. Contact supérieur net à 90°A.C.</p> <p>Il y a plusieurs veines et amas de quartz bleuté avec des grains/amas de chalcopryrite.</p> <p>Plusieurs sections gris moyen à foncé correspondant à des enclaves de basalte partiellement digérés. Les contacts sont généralement graduels et arbitraires:</p> <p>93.10-95.60; 108.60-112.20; 114.40-117.85; 119.50-123.00; 123.70-124.80; 139.10-139.70;</p>		<p>{80.10-189.00}: «Cal+, Hém+++» Calcite + Hématisation ++</p>	<p>{80.10-92.00}: «1% cpy + py.»</p> <p>{92.00-95.00}: «1-2% cpy + py.»</p> <p>{95.00-110.00}: «1% py + cpy.»</p> <p>{110.00-140.00}: «<1% py + cpy.»</p> <p>{140.00-143.00}: «1% cpy + py.»</p> <p>{143.00-150.50}: «<1% cpy + py.»</p> <p>{150.50-152.00}: «5% py + cpy.»</p>	<p>{80.10-83.00}: «6%» v. qtz. {83.00-86.00}: «4%» v. qtz. {86.00-95.00}: «3-4%» v. qtz.</p> <p>{95.00-101.00}: «4-5%» v. qtz. {101.00-104.00}: «5-6%» v. qtz. {104.00-107.00}: «2%» v. qtz. {107.00-110.00}: «4%» v. qtz. {110.00-119.00}: «2-3%» v. qtz. {119.00-122.00}: «1-2%» v. qtz. {122.00-140.00}: «<1%» v. qtz. {140.00-143.00}: «1%» v. qtz. {143.00-149.00}: «<1%» v. qtz. {149.00-152.00}: «1%» v. qtz.</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES				
		Localement la roche est hybride syénite/basalte.			†152.00-155.00‡: «<1% py + cpy.» †155.00-156.50‡: «7-8% cpy + py.» †156.50-174.50‡: «<1% py + cpy.»	†152.00-155.00‡: «<1%» v. qtz. †155.00-156.50‡: «25%» 1 veine de qtz parallèle à A.C. †156.50-161.00‡: «<1%» v. qtz. †161.00-164.00‡: «2%» v. qtz. 161.70: v. qtz. + cpy. †164.00-167.00‡: «<1%» v. qtz. †167.00-170.00‡: «5%» v. qtz. 167.05: v. qtz. + cpy. 168.80: v. qtz. + cpy. 169.10: v. qtz. + cpy. †170.00-173.00‡: «<1%» v. qtz. †173.00-176.00‡: «2%» 175.70: v. qtz + cpy. †176.00-189.00‡: «<1%» v. qtz. †179.00-182.00‡: «3% cpy + py.» †182.00-189.00‡: «<1% cpy + py.» 188.55: v. qtz + cpy. †189.00-191.00‡: «1% cpy + py.» †191.00-194.00‡: «<1%» †194.00-195.50‡: «5% cpy + py.» †195.50-201.50‡: «<1% py + cpy.»	†189.00-200.10‡: «Enclave de basalte» Très fortement magnétique. Plusieurs veinules de calcite. Contacts graduels plusieurs v. de qtz avec cpy + py. D'autres enclaves de basalte partiellement assimilé à:		†189.00-200.10‡: «Cal++» Calcite ++	†189.00-191.00‡: «5-6%» v. qtz. †191.00-194.00‡: «3%» v. qtz. †194.00-197.00‡: «2%» v. qtz. †197.00-200.10‡: «5%» v. qtz.

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		201.50-202.60; 224.20-225.35; 226.40-227.00; 236.55-236.90;		{200.10-311.00}: «Cal+, Hém++» Calcite+ Hématisation++	{201.50-203.00}: «2% py + cpy.» {203.00-218.00}: «<1% py + cpy.»	{200.10-203.00}: «1%» v. qtz. {203.00-206.00}: «<1%» v. qtz. {206.00-209.00}: «2-3%» 207.10: v. qtz + py. {209.00-212.00}: «<1%» v. qtz. 208.55: v. qtz. {212.00-215.00}: «1-2%» {215.00-230.00}: «2-3%» v de qtz bleuté.
		247.90-250.50: 50% d'enclaves de basalte partiellement assimilés.			{218.00-222.50}: «1% py + cpy.» {222.50-225.50}: «2-3% py + cpy.» {225.50-248.00}: «<1% py + cpy.»	{230.00-233.00}: «1%» v. qtz. {233.00-236.00}: «3%» v. qtz. {236.00-239.00}: «2%» v. qtz. {239.00-254.00}: «4-6%» v. qtz.
					{248.00-251.00}: «2-3% cpy + py.» {251.00-254.00}: «2-4% cpy + py.» {254.00-257.00}: «2% cpy + py.» {257.00-260.00}: «1-2% cpy + py.» {260.00-263.00}: «<1% py + cpy.» {263.00-266.00}: «1% py + cpy.» {266.00-269.00}: «<1%py + cpy.» {269.00-272.00}: «3-4% cpy + py.»	{254.00-260.00}: «5-7%» v. qtz. {260.00-275.00}: «<1%» v. qtz.

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		271.55-275.30: Section à pourcentage plus élevé de phénocristaux de feldspath (jusqu'à 70-80%). Contacts graduels.			↓272.00-275.00}: «1% cpy + py.» ↓275.00-281.00}: «2-3% cpy + py.» ↓281.00-283.75}: «<1% py + cpy.» ↓283.75-290.00}: «1-2% py + cpy.» Principalement sous la forme de veinules et d'amas disséminés. ↓290.00-311.00}: «<1% py + cpy.»	↓275.00-278.00}: «2%» v. qtz. ↓278.00-281.00}: «1-2%» v. qtz. ↓281.00-284.00}: «<1%» v. qtz. ↓284.00-290.00}: «1%» v. qtz. ↓290.00-296.00}: «<1%» v. qtz. ↓296.00-299.00}: «1-2%» v. qtz. ↓299.00-302.00}: «4%» v. qtz. ↓302.00-305.00}: «5-7%» v. qtz. ↓305.00-311.00}: «1-2%» v. qtz.
311.00 A 311.00		Fin du trou. (54 boîtes).		288.95-289.25: Calcite ++++		

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
203734	3.00	5.00	2.00	316	54	2	0.2	5	6	2	2
203735	5.00	6.50	1.50	483	56	2	0.2	5	26	2	2
203736	6.50	8.00	1.50	319	76	2	0.2	5	10	2	2
203737	8.00	9.50	1.50	249	70	2	0.2	5	9	2	2
203738	9.50	11.00	1.50	448	70	2	0.2	5	14	6	2
203739	11.00	12.50	1.50	498	58	2	0.2	5	13	10	2
203740	12.50	14.00	1.50	747	82	2	0.2	5	39	6	2
203741	14.00	15.50	1.50	650	86	2	0.2	5	5	2	2
203742	15.50	17.00	1.50	884	102	2	0.2	5	5	2	2
203743	17.00	18.50	1.50	1835	84	2	0.2	5	51	2	2
203744	18.50	20.00	1.50	741	130	4	0.2	5	46	8	2
203745	20.00	21.50	1.50	740	120	2	0.2	5	58	2	2
203746	21.50	23.00	1.50	414	74	6	0.2	5	6	2	2
203747	23.00	24.50	1.50	538	88	2	0.2	5	6	14	6
203748	24.50	26.00	1.50	451	80	2	0.2	5	5	16	6
203749	26.00	27.50	1.50	446	86	6	0.2	5	13	6	2
203750	27.50	29.00	1.50	816	126	2	0.2	5	21	2	6
201601	29.00	30.50	1.50	313	88	2	0.2	5	4	10	2
201602	30.50	32.00	1.50	397	60	2	0.2	5	5	2	2
201603	32.00	33.50	1.50	584	86	2	0.2	10	9	12	2
201604	33.50	35.00	1.50	669	66	2	0.8	30	5	12	2
201605	35.00	36.50	1.50	689	92	2	1.0	60	7	16	2
201606	36.50	38.00	1.50	794	78	2	0.8	25	5	14	2
201607	38.00	39.50	1.50	956	72	2	0.8	40	7	10	2
201608	39.50	41.00	1.50	746	64	2	0.8	30	5	12	2
201609	41.00	42.50	1.50	579	68	2	0.2	10	5	6	2
201610	42.50	44.00	1.50	976	86	2	1.2	40	23	22	2
201611	44.00	45.50	1.50	917	54	2	0.4	60	10	2	2
201612	45.50	47.00	1.50	823	58	2	0.8	140	5	18	2
201613	47.00	48.50	1.50	894	70	2	1.0	45	6	2	2
201614	48.50	50.00	1.50	876	60	2	1.2	50	4	2	2
201615	50.00	51.50	1.50	1025	88	6	1.2	155	9	2	2
201616	51.50	53.00	1.50	1230	74	4	1.2	75	8	2	2
201617	53.00	54.50	1.50	977	72	2	0.8	60	68	2	2
201618	54.50	56.00	1.50	1070	76	2	0.6	105	3	2	2
201619	56.00	57.50	1.50	651	66	2	0.2	90	5	2	2
201620	57.50	59.00	1.50	1110	62	4	0.6	195	12	6	2
201621	59.00	60.50	1.50	453	42	2	0.2	25	12	4	2
201622	60.50	62.00	1.50	887	34	2	0.2	50	73	2	2
201623	62.00	63.50	1.50	824	54	2	0.2	60	31	4	2
201624	63.50	65.00	1.50	1070	48	2	0.2	45	7	2	2
201625	65.00	66.50	1.50	524	44	2	0.2	10	5	4	2
201626	66.50	68.00	1.50	538	54	2	0.2	5	4	6	2
201627	68.00	69.50	1.50	590	62	2	0.2	20	3	2	2
201628	69.50	71.00	1.50	390	52	2	0.2	5	3	6	2
201629	71.00	72.50	1.50	467	68	2	0.2	20	5	10	2
201630	72.50	74.00	1.50	429	70	2	0.2	15	3	6	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201631	74.00	75.50	1.50	369	74	2	0.2	5	5	16	2
201632	75.50	77.00	1.50	293	80	2	0.2	5	3	10	2
201633	77.00	78.50	1.50	1105	118	2	1.2	20	10	2	2
201634	78.50	80.00	1.50	644	102	2	0.2	5	13	10	2
201635	80.00	81.50	1.50	250	28	8	0.2	15	20	6	2
201636	81.50	83.00	1.50	369	34	12	0.2	15	20	2	2
201637	83.00	84.50	1.50	731	22	10	0.2	80	7	8	2
201638	84.50	86.00	1.50	292	24	6	0.2	15	7	2	2
201639	86.00	87.50	1.50	471	26	6	0.2	5	10	2	2
201640	87.50	89.00	1.50	705	26	10	0.2	15	25	2	2
201641	89.00	90.50	1.50	431	26	12	0.2	5	25	2	2
201642	90.50	92.00	1.50	636	22	6	0.2	20	17	2	2
201643	92.00	93.50	1.50	707	36	6	0.2	10	14	6	2
201644	93.50	95.00	1.50	847	72	2	0.2	15	9	2	2
201645	95.00	96.50	1.50	573	36	4	0.4	10	15	10	2
201646	96.50	98.00	1.50	460	38	14	0.2	10	6	4	2
201647	98.00	99.50	1.50	325	26	10	0.2	5	6	2	2
201648	99.50	101.00	1.50	223	34	10	0.2	5	15	4	2
201649	101.00	102.50	1.50	555	30	6	0.2	5	6	2	2
201651	102.50	104.00	1.50	689	22	8	0.4	25	9	2	2
201652	104.00	105.50	1.50	583	34	8	0.2	5	12	2	2
201653	105.50	107.00	1.50	815	34	22	0.4	35	14	4	2
201654	107.00	108.50	1.50	504	30	24	1.0	80	19	4	2
201655	108.50	110.00	1.50	1305	60	32	1.2	60	25	6	2
201656	110.00	111.50	1.50	396	78	14	0.2	25	8	4	2
201657	111.50	113.00	1.50	233	86	16	0.2	10	8	16	2
201658	113.00	114.50	1.50	1485	80	16	1.0	60	54	8	2
201659	114.50	116.00	1.50	426	152	6	0.2	50	6	6	2
201660	116.00	117.50	1.50	371	102	10	0.2	45	6	6	2
201661	117.50	119.00	1.50	392	74	22	0.2	35	6	10	2
201662	119.00	120.50	1.50	494	156	6	0.2	75	6	6	2
201663	120.50	122.00	1.50	444	174	4	0.6	80	4	2	2
201664	122.00	123.50	1.50	151	130	2	0.2	45	3	6	2
201665	123.50	125.00	1.50	756	182	2	1.0	130	8	10	2
201666	125.00	126.50	1.50	414	102	18	0.4	45	3	6	2
201667	126.50	128.00	1.50	818	90	136	1.4	30	6	8	2
201668	128.00	129.50	1.50	514	112	28	1.0	50	6	2	2
201669	129.50	131.00	1.50	524	108	2	1.4	80	5	2	2
201670	131.00	132.50	1.50	406	122	4	1.0	40	6	2	2
201671	132.50	134.00	1.50	481	114	2	0.4	25	4	2	2
201672	134.00	135.50	1.50	389	104	2	0.6	60	3	2	2
201673	135.50	137.00	1.50	298	134	2	2.0	55	2	8	2
201674	137.00	138.50	1.50	350	122	2	0.6	75	3	2	2
201675	138.50	140.00	1.50	431	190	2	0.6	110	7	8	2
201676	140.00	141.50	1.50	684	138	36	1.4	35	18	4	2
201677	141.50	143.00	1.50	906	146	30	0.8	35	49	10	2
201678	143.00	144.50	1.50	763	128	16	0.6	60	23	4	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201679	144.50	146.00	1.50	550	108	6	0.2	70	5	6	2
201680	146.00	147.50	1.50	791	116	12	0.6	80	9	2	2
201681	147.50	149.00	1.50	924	96	30	1.2	50	7	2	4
201682	149.00	150.50	1.50	969	68	30	1.4	90	18	20	2
201683	150.50	152.00	1.50	1375	102	62	2.0	45	42	4	2
201684	152.00	153.50	1.50	570	102	26	0.8	80	8	10	2
201685	153.50	155.00	1.50	856	100	6	0.4	25	6	14	2
201686	155.00	156.50	1.50	4500	64	26	1.8	100	72	38	2
201687	156.50	158.00	1.50	578	114	20	0.6	25	19	10	2
201688	158.00	159.50	1.50	652	138	42	1.2	25	9	12	4
201689	159.50	161.00	1.50	634	142	52	1.0	20	8	8	8
201690	161.00	162.50	1.50	1270	110	92	1.6	30	14	22	8
201691	162.50	164.00	1.50	561	108	48	1.2	40	7	18	2
201692	164.00	165.50	1.50	674	114	62	1.2	35	7	12	2
201693	165.50	167.00	1.50	390	88	28	1.0	40	12	6	4
201694	167.00	168.50	1.50	1240	98	210	1.6	60	22	2	2
201695	168.50	170.00	1.50	1390	114	116	2.6	65	12	6	2
201696	170.00	171.50	1.50	1080	104	74	1.4	50	11	6	6
201697	171.50	173.00	1.50	724	92	48	1.0	35	8	2	2
201698	173.00	174.50	1.50	709	108	40	1.0	65	5	2	4
201699	174.50	176.00	1.50	961	108	80	1.4	65	13	12	4
201700	176.00	177.50	1.50	910	96	82	1.4	40	9	4	6
201701	177.50	179.00	1.50	708	122	44	0.8	80	8	2	2
201702	179.00	180.50	1.50	984	82	62	1.2	50	6	4	2
201703	180.50	182.00	1.50	1015	86	72	1.4	40	7	24	4
201704	182.00	183.50	1.50	662	110	56	0.8	50	5	8	4
201705	183.50	185.00	1.50	546	146	70	0.8	55	5	10	2
201706	185.00	186.50	1.50	590	150	60	0.8	50	8	10	2
201707	186.50	188.00	1.50	580	112	88	0.8	50	5	12	2
201708	188.00	189.50	1.50	1060	134	46	1.4	100	5	18	2
201709	189.50	191.00	1.50	1125	152	86	2.0	240	5	18	2
201710	191.00	192.50	1.50	975	142	10	1.0	400	5	8	6
201711	192.50	194.00	1.50	1365	160	18	1.4	370	4	22	6
201712	194.00	195.50	1.50	1035	162	20	0.8	165	4	14	6
201713	195.50	197.00	1.50	1035	156	26	1.4	155	1	2	10
201714	197.00	198.50	1.50	975	98	2	0.2	330	6	14	2
201715	198.50	200.00	1.50	1810	174	10	0.2	790	6	10	12
201716	200.00	201.50	1.50	680	82	20	0.8	110	8	10	2
201717	201.50	203.00	1.50	850	172	40	1.4	90	6	8	2
201718	203.00	204.50	1.50	337	100	84	0.6	40	4	6	2
201719	204.50	206.00	1.50	302	110	178	1.2	30	11	14	6
201720	206.00	207.50	1.50	470	86	102	1.2	110	7	14	2
201721	207.50	209.00	1.50	537	100	108	1.2	130	29	4	4
201722	209.00	210.50	1.50	594	108	54	1.2	205	19	8	4
201723	210.50	212.00	1.50	605	114	30	1.0	140	16	18	2
201724	212.00	213.50	1.50	490	78	32	0.8	285	26	12	2
201726	213.50	215.00	1.50	798	96	12	0.6	195	5	12	6

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201727	215.00	216.50	1.50	1010	80	12	1.2	1110	5	6	2
201728	216.50	218.00	1.50	632	78	12	0.8	340	12	10	2
201729	218.00	219.50	1.50	886	76	24	1.6	495	13	18	4
201730	219.50	221.00	1.50	695	66	6	0.6	205	13	10	2
201731	221.00	222.50	1.50	846	76	4	1.6	375	7	10	2
201732	222.50	224.00	1.50	2880	94	496	7.2	950	83	8	2
201733	224.00	225.50	1.50	1620	130	124	3.6	985	43	16	2
201734	225.50	227.00	1.50	856	104	34	1.2	440	9	2	4
201735	227.00	228.50	1.50	281	84	20	0.6	125	3	2	2
201736	228.50	230.00	1.50	194	132	342	1.0	70	6	6	2
201737	230.00	231.50	1.50	158	78	124	0.6	20	5	4	4
201738	231.50	233.00	1.50	171	72	102	0.4	25	5	2	4
201739	233.00	234.50	1.50	528	92	192	1.0	140	11	8	4
201740	234.50	236.00	1.50	974	76	178	1.8	240	19	8	2
201741	236.00	237.50	1.50	1390	86	8	1.6	580	11	2	2
201742	237.50	239.00	1.50	851	78	8	1.0	870	4	6	2
201743	239.00	240.50	1.50	685	46	6	1.2	805	3	10	2
201744	240.50	242.00	1.50	1120	50	2	3.8	1540	3	2	2
201745	242.00	243.50	1.50	1420	72	4	7.2	1300	20	2	2
201746	243.50	245.00	1.50	1720	36	6	15.0	1890	8	8	2
201747	245.00	246.50	1.50	1025	88	2	16.6	725	2	6	2
201748	246.50	248.00	1.50	1165	114	12	14.2	520	2	10	6
201749	248.00	249.50	1.50	2450	108	2	3.4	490	12	2	2
201750	249.50	251.00	1.50	3310	94	2	3.2	5380	5	2	2
201751	251.00	252.50	1.50	4290	60	16	6.0	3180	6	2	2
201752	252.50	254.00	1.50	3150	76	2	2.2	885	6	2	2
201753	254.00	255.50	1.50	4120	40	30	5.8	1470	5	2	2
201754	255.50	257.00	1.50	3260	62	2	2.6	510	9	2	2
201755	257.00	258.50	1.50	2320	76	58	3.2	850	9	2	2
201756	258.50	260.00	1.50	1350	128	14	1.2	145	11	2	2
201757	260.00	261.50	1.50	396	100	38	0.4	30	13	2	2
201758	261.50	263.00	1.50	523	104	72	0.4	25	9	6	2
201759	263.00	264.50	1.50	289	92	136	0.2	15	8	2	2
201760	264.50	266.00	1.50	324	76	62	0.4	10	10	8	2
201761	266.00	267.50	1.50	340	66	14	0.2	25	6	4	2
201762	267.50	269.00	1.50	415	58	28	0.4	30	18	2	2
201763	269.00	270.50	1.50	403	56	16	0.2	20	18	12	2
201764	270.50	272.00	1.50	462	58	10	0.6	20	21	12	2
201765	272.00	273.50	1.50	721	54	6	0.2	50	10	4	2
201766	273.50	275.00	1.50	436	58	6	0.2	25	12	4	2
201767	275.00	276.50	1.50	507	64	16	0.4	30	32	2	2
201768	276.50	278.00	1.50	384	84	12	0.4	30	7	8	2
201769	278.00	279.50	1.50	481	72	14	0.4	30	8	12	2
201770	279.50	281.00	1.50	406	80	20	0.2	25	6	8	2
201771	281.00	282.50	1.50	407	62	12	0.2	20	7	2	2
201772	282.50	284.00	1.50	482	60	20	0.4	45	8	4	2
201773	284.00	285.50	1.50	429	54	16	0.6	40	10	2	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201774	285.50	287.00	1.50	570	62	22	0.6	45	9	2	2
201775	287.00	288.50	1.50	581	62	14	0.6	35	8	2	2
201776	288.50	290.00	1.50	593	74	10	0.4	40	7	6	2
201777	290.00	291.50	1.50	584	72	2	0.2	45	6	2	2
201778	291.50	293.00	1.50	477	94	2	0.2	150	4	2	2
201779	293.00	294.50	1.50	289	92	2	0.2	90	3	2	2
201780	294.50	296.00	1.50	621	102	2	1.0	165	1	2	2
201781	296.00	297.50	1.50	556	72	2	0.8	135	4	2	2
201782	297.50	299.00	1.50	549	76	22	0.2	70	6	2	2
201783	299.00	300.50	1.50	723	60	136	0.8	95	7	2	2
201784	300.50	302.00	1.50	702	66	2	0.6	125	5	2	2
201785	302.00	303.50	1.50	639	70	2	2.0	245	6	2	2
201786	303.50	305.00	1.50	619	74	2	1.4	235	4	2	2
201787	305.00	306.50	1.50	620	84	2	1.0	125	9	2	2
201788	306.50	308.00	1.50	712	88	114	2.0	115	9	2	2
201789	308.00	309.50	1.50	832	94	132	2.6	175	8	2	2
201790	309.50	311.00	1.50	442	114	134	2.0	35	8	2	2

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Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	189.50	215.00	25.50	823	123	49	1.0	223	10	11	4
MOY.	215.00	258.50	43.50	1517	80	63	3.8	914	12	6	2
MOY.	240.50	255.50	15.00	2377	74	8	7.7	1738	7	4	2
MOY.	300.50	309.50	9.00	687	79	42	1.6	170	7	2	2

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CORPORATION MINIERE INMET
JOURNAL DE SONDAGE

TROU NUMERO: WK-05

DATE: 03/02/1998
UNITÉS IMPÉRIALES: UNITÉS MÉTRIQUES: X

PROJET: BIRALGER OPTION
NUMÉRO DU PROJET: 771
CLAIM: 1132184, 1132188
LOCALISATION:

COORDONNÉES UTM:
NORD: 5314602.00N
EST: 534873.94E
ELEV: 0.00

COORDONNÉE GRILLE:
NORD: 8 35N
EST: 42 0E
ELEV: 0.00

PLONGÉE AU COLLET: -45° 0' 0"
LONGUEUR DU TROU: 302.00M
LONGUEUR DE DÉPART: 0.00M
LONGUEUR FINALE: 302.00M

AZIMUT AU COLLET: 310° 0' 0"

AZIMUT GRILLE: 0° 0' 0"

DEBUTÉ LE: 18/11/1997
TERMINÉ LE: / /
JOURNAL LE: / /

TEST AU COLLET: NON
MULTISHOT: NON
ROD LOG: OUI

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

CONTRACTEUR: NOREX DRILLING
TUBAGE: 12m
ENTREPOSAGE: G.BERNATCHEZ
COORD. UTM:

COMMENTAIRES: BUT: "FOLLOW-UP" SUR LA ZONE BIRALGER.
WEDGES AT: RÉSULTAT TRO-PARI INCERTAIN.

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
12.00	° 1 "	-41° 0' 0"	ACID	OK		-	-	-	-	-	
50.00	° 1 "	-42° 0' 0"	ACID	OK		-	-	-	-	-	
100.00	° 1 "	-41° 0' 0"	ACID	OK		-	-	-	-	-	
150.00	° 1 "	-40° 0' 0"	ACID	OK		-	-	-	-	-	
200.00	° 1 "	-40° 0' 0"	ACID	OK		-	-	-	-	-	
250.00	° 1 "	-41° 0' 0"	ACID	OK		-	-	-	-	-	
301.00	288° 0' 0"	-43° 0' 0"	TRO-PARI			-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
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DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
0.00 A 12.00	TUBE					
12.00 A 160.10	«BASALTE» « COUSSINÉ »	<p>12.00-160.10:</p> <p>Basalte coussiné, grains fins à grossiers, très fortement magnétique (magnétite en veinules et disséminée).</p> <p>Quelques veines de calcite et quelques veines de quartz.</p> <p>Plusieurs petits dykes centimétriques de syénite porphyrique à feldspath de teinte rougeâtre (jusqu'à 70-80% de phénocristaux de feldspath de 1mm à 1cm, blanchâtres à rougeâtres).</p> <p>‡3.00-24.20‡: «50% Dy. Syé.» Environ 50% de dykes et injections de syénite porphyrique.</p> <p>Quelques injections de syénite porphyrique à:</p> <p>29.25 sur 5-10cm; 33.35 sur 10cm; 38.30 sur 20cm; 40.15-40.75: (plusieurs injections); 41.90 sur 5-10cm; 46.55 sur 5cm; 49.90 sur 5cm; 52.05 sur 5cm;</p>		<p>‡12.00-57.60‡: «Epi+++ , Cal+++»</p> <p>Epidote +++ (pervasif et réseaux de veinules). Calcite ++ (veines et veinules).</p>	<p>12.00-119.00:</p> <p>Tr-1% de py + cpy disséminée localement.</p> <p>‡40.65-40.75‡: «3-4% py.»</p>	<p>V. de qtz / calcite et/ou calcite à: 13.95; 16.30 (+ cpy); 22.75 (+py);</p> <p>27.30-28.75: Carotte en petits morceaux sur 50% de la longueur.</p> <p>V. de qtz et/ou calcite à:</p> <p>31.40: v. qtz. + py 31.65: v. qtz. + py 32.90: v. qtz. + cpy 36.90: v. qtz. + cpy 37.20: v. qtz. + py 38.95: 40.75: v. qtz. + cpy + py 40.95: v. qtz. + py + cpy</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
		<p>Bordure de coussins à 100.20m.</p> <p>‡116.80-120.35‡: «Basalte cous. folié» Basalte coussiné folié à 35-45°A.C.</p> <p>‡120.35-129.50‡: «Dy. Syé.» Dyke de syénite porphyrique à feldspath. La teinte est rouge moyen à foncé. Légèrement magnétique. Contact supérieur graduel sur près d'un (1) mètre. Contact inférieur graduel sur 30-40cm. Plusieurs veines de qtz dans la moitié inférieur du dyke.</p>		<p>‡110.00-116.80‡: «Cal+++» Calcite+++ (veines et veinules)</p> <p>‡116.80-120.35‡: «Cal+++» Calcite+++</p> <p>‡120.35-127.70‡: «Hém+++» Hématite +++</p> <p>‡127.70-129.50‡: «Hém+++ Cal++++» Hématite +++ Calcite ++++ (50% v. de calcite + qtz)</p>	<p>111.90: Veinules de py.</p> <p>‡119.00-120.35‡: «<1% py + cpy»</p> <p>‡120.35-129.50‡: «Tr-1% py + cpy.»</p>	<p>96.15: v. qtz. + cpy</p> <p>96.35: v. qtz. +py + cpy</p> <p>99.10:</p> <p>99.40: v. qtz. + py</p> <p>99.50: v. qtz. + py</p> <p>101.45:</p> <p>101.75: v. qtz. + py + cpy</p> <p>104.35:</p> <p>104.85:</p> <p>105.95: v. qtz. + cpy</p> <p>106.45: v. qtz. + cpy++</p> <p>106.55:</p> <p>107.37:</p> <p>115.75: v. qtz. +amas cpy</p> <p>116.40: v. qtz. +amas cpy</p> <p>120.60: v. qtz. + cpy</p> <p>122.30: v. qtz. + cpy</p> <p>123.05:</p> <p>124.75: v. qtz. + cpy</p> <p>125.35:</p> <p>126.80:</p> <p>127.60:</p>

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
						128.75: v. qtz. + cpy
				‡129.50-130.40‡: «Cal+++» Calcite +++	‡129.50-143.00‡: «Tr-1% py + cpy.»	
				‡130.40-139.20‡: «Epi+++» Epidote +++		133.05: v. qtz. + cpy
				‡139.20-139.65‡: «Hém+» Hématite +		133.45: 133.80:
		139.20-139.65: Dyke de syénite porphyrique à feldspath. Contact supérieur à 45°A.C. inférieur par net.		‡139.65-141.35‡: «Épi+++» Epidote +++		139.75: v. qtz. +py + cpy
		‡144.50-152.60‡: «Bas. Cous. folié.» Basalte coussiné bien folié à 35-40°A.C.		‡144.50-152.60‡: «Cal++++» Calcite ++++		142.35:
		‡152.60-154.35‡: «Dy. Syé. Aphy.» Dyke de syénite aphyrique, rouge foncé. Légèrement magnétique. Contact supérieur graduel et inférieur net à 45°A.C.		‡152.60-154.35‡: «Hém» Hématite ++	152.60-154.35: <1% py + cpy diss.	
		154.35-155.30: Hybride syénite / basalte folié subparallèle à l'axe de la carotte.		‡154.35-160.10‡: «Cal++++» Calcite ++++	‡154.35-160.10‡: «1% py + cpy diss.»	
160.10 A 302.00	«SYÉNITE»	160.10-302.00: Syénite porphyrique à feldspath. Teinte rouge moyen à foncé. Légèrement magnétique		‡160.10-302.00‡: «Hém+++» Hématite ++	‡160.10-302.00‡: «<1% py + cpy diss.»	160.10-161.00: 10% v.qtz + calcite 161.00-228.00: 1% v. qtz. Quelques v. de qtz/calcite; 161.30:(10cm)

DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
						164.45: 165.00: v. qtz. + cpy 165.85: 166.75: 192.25: v. qtz. + cpy 192.80: v. qtz. + cpy 195.25: v. qtz. + cpy 198.80: 202.75-203.30: 50% de v. de qtz / calcite (+py + cpy); 204.00: 206.20: v. qtz. + cpy 207.40: v. qtz. + py 211.40: 211.65: 212.50: 214.20: v. qtz. + cpy 215.80: 229.45: v. qtz. + cpy +py 232.60 234.95: (15cm) 236.00: 236.45-236.90: 50% v. qtz 239.60:

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DE A	TYPE DE ROCHE	TEXTURE ET STRUCTURE	ANGLE CAR.	ALTÉRATION	MINÉRALISATION	REMARQUES
						244.50: 244.75: 247.30: 251.60: 251.85: 252.40: 262.60: 274.00: 275.30: 275.40: v. qtz. + cpy 279.30: v. qtz. +py + cpy 280.85: 281.30: v. qtz. + cpy 286.45: v. qtz. + cpy +py 290.80: 290.90: 291.05: v. qtz. + cpy 292.60: v. qtz. +py + cpy 294.75:
302.00 A 302.00		Fin du trou				

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REDIGE PAR: MARC-ANDRÉ LAROCHE

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DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201791	14.00	15.50	1.50	260	124	12	0.2	30	5	2	2
201792	15.50	17.00	1.50	215	106	8	0.2	10	6	2	2
201793	17.00	18.50	1.50	354	124	6	0.2	60	6	2	2
201794	18.50	20.00	1.50	263	78	6	0.2	50	5	2	2
201795	20.00	21.50	1.50	219	62	6	0.2	80	4	2	2
201796	21.50	23.00	1.50	248	56	2	0.2	25	4	2	2
201797	23.00	24.50	1.50	170	86	8	0.2	10	4	2	2
201798	24.50	26.00	1.50	198	82	2	0.2	5	3	2	2
201799	26.00	27.50	1.50	144	130	2	0.2	10	2	2	2
201801	27.50	29.00	1.50	236	114	4	0.2	10	1	2	2
201802	29.00	30.50	1.50	235	114	6	0.2	5	3	2	2
201803	30.50	32.00	1.50	412	118	4	0.2	65	6	2	2
201804	32.00	33.50	1.50	243	116	6	0.2	10	5	2	2
201805	33.50	35.00	1.50	225	102	2	0.2	15	6	2	2
201806	35.00	36.50	1.50	265	98	10	0.2	20	7	2	2
201807	36.50	38.00	1.50	641	130	8	0.2	70	13	2	2
201808	38.00	39.50	1.50	307	150	6	0.2	20	19	2	2
201809	39.50	41.00	1.50	441	126	14	0.2	30	6	2	2
201810	41.00	42.50	1.50	357	182	10	0.2	35	5	2	2
201811	42.50	44.00	1.50	274	156	6	0.2	45	4	2	2
201812	44.00	45.50	1.50	220	118	6	0.2	15	6	2	2
201813	45.50	47.00	1.50	67	164	8	0.2	25	8	2	2
201814	47.00	48.50	1.50	334	130	8	0.4	15	8	2	2
201815	48.50	50.00	1.50	283	152	8	0.2	75	5	2	2
201816	50.00	51.50	1.50	478	124	4	0.2	35	7	2	2
201817	51.50	53.00	1.50	229	140	6	0.4	55	3	2	2
201818	53.00	54.50	1.50	139	170	2	0.2	5	3	2	2
201819	54.50	56.00	1.50	155	176	6	0.2	30	3	2	2
201820	56.00	57.50	1.50	129	146	8	0.2	5	5	2	2
201821	57.50	59.00	1.50	342	162	6	0.6	40	10	2	2
201822	59.00	60.50	1.50	396	146	6	0.4	50	7	2	2
201823	60.50	62.00	1.50	953	150	8	0.2	55	5	2	2
201824	62.00	63.50	1.50	817	190	6	0.2	55	4	2	2
201825	63.50	65.00	1.50	1155	168	12	1.4	70	4	2	2
201826	65.00	66.50	1.50	514	142	6	0.2	70	5	2	2
201827	66.50	68.00	1.50	436	142	6	0.2	20	7	2	2
201828	68.00	69.50	1.50	367	100	6	0.4	35	6	2	2
201829	69.50	71.00	1.50	526	136	14	0.4	30	12	2	2
201830	71.00	72.50	1.50	227	144	32	0.2	10	6	2	2
201831	72.50	74.00	1.50	305	116	32	0.2	85	4	2	2
201832	74.00	75.50	1.50	369	112	182	0.2	215	5	2	2
201833	75.50	77.00	1.50	267	120	10	0.2	55	4	2	2
201834	77.00	78.50	1.50	196	120	6	0.2	40	3	2	2
201835	78.50	80.00	1.50	286	144	4	0.2	80	3	2	2
201836	80.00	81.50	1.50	238	160	4	0.2	190	4	2	2
201837	81.50	83.00	1.50	307	122	2	0.2	60	4	2	2
201838	83.00	84.50	1.50	224	166	4	0.2	40	8	2	2

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201839	84.50	86.00	1.50	142	138	2	0.2	35	4	2	2
201840	86.00	87.50	1.50	157	122	2	0.2	90	9	2	2
201841	87.50	89.00	1.50	243	132	2	0.2	35	5	2	2
201842	89.00	90.50	1.50	229	126	2	0.2	40	4	2	2
201843	90.50	92.00	1.50	331	88	4	0.2	35	6	2	2
201844	92.00	93.50	1.50	468	88	6	0.2	205	3	2	2
201845	93.50	95.00	1.50	392	76	2	0.2	130	4	2	2
201846	95.00	96.50	1.50	356	62	2	0.2	150	2	2	2
201847	96.50	98.00	1.50	198	106	4	0.2	115	3	2	2
201848	98.00	99.50	1.50	171	86	4	0.2	45	1	2	2
201849	99.50	101.00	1.50	174	142	4	0.2	35	3	2	2
201850	101.00	102.50	1.50	293	140	4	0.2	45	1	2	2
201851	102.50	104.00	1.50	226	96	2	0.2	40	4	2	2
201852	104.00	105.50	1.50	901	144	14	0.2	75	4	2	2
201853	105.50	107.00	1.50	723	220	6	0.2	275	1	2	2
201854	107.00	108.50	1.50	400	136	2	0.2	350	4	2	2
201855	108.50	110.00	1.50	183	116	4	0.2	205	5	2	2
201856	110.00	111.50	1.50	152	132	2	0.2	40	5	2	2
201857	111.50	113.00	1.50	147	128	2	0.2	80	6	2	2
201858	113.00	114.50	1.50	215	134	2	0.2	85	7	2	2
201859	114.50	116.00	1.50	1880	136	6	0.2	120	5	2	2
201860	116.00	117.50	1.50	392	144	2	0.2	65	11	2	2
201861	117.50	119.00	1.50	90	128	6	0.2	60	6	2	2
201862	119.00	120.50	1.50	2260	86	12	0.6	155	9	2	2
201863	120.50	122.00	1.50	1290	36	12	0.8	910	8	2	2
201864	122.00	123.50	1.50	186	36	6	0.2	80	4	2	2
201865	123.50	125.00	1.50	233	38	6	0.2	110	3	2	2
201866	125.00	126.50	1.50	227	34	6	0.2	90	4	2	2
201867	126.50	128.00	1.50	237	32	8	0.2	185	4	2	2
201868	128.00	129.50	1.50	718	32	54	1.2	485	4	2	2
201869	129.50	131.00	1.50	345	344	216	0.4	265	3	2	2
201870	131.00	132.50	1.50	241	164	176	0.2	55	1	2	2
201871	132.50	134.00	1.50	242	162	202	0.2	45	2	2	2
201872	134.00	135.50	1.50	371	132	6	0.2	135	3	2	2
201873	135.50	137.00	1.50	176	74	14	0.2	40	1	2	2
201874	137.00	138.50	1.50	198	146	22	0.2	30	2	2	2
201876	138.50	140.00	1.50	368	124	10	0.2	160	2	2	2
201877	140.00	141.50	1.50	144	146	14	0.2	5	2	2	2
201878	141.50	143.00	1.50	171	140	2	0.2	15	3	2	2
201879	143.00	144.50	1.50	107	152	2	0.2	5	2	2	2
201880	144.50	146.00	1.50	231	126	6	0.8	15	4	2	2
201881	146.00	147.50	1.50	318	120	2	0.2	60	9	2	2
201882	147.50	149.00	1.50	394	134	4	0.4	50	7	2	2
201883	149.00	150.50	1.50	485	144	2	0.2	50	7	2	4
201884	150.50	152.00	1.50	298	136	6	0.4	20	5	2	2
201885	152.00	153.50	1.50	900	74	20	0.8	110	9	2	2
201886	153.50	155.00	1.50	283	80	14	0.4	680	5	2	2

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201887	155.00	156.50	1.50	618	154	8	0.6	200	4	2	2
201888	156.50	158.00	1.50	833	156	4	0.2	150	6	2	2
201889	158.00	159.50	1.50	245	176	4	0.2	10	4	2	2
201890	159.50	161.00	1.50	396	82	16	0.4	105	9	2	2
201891	161.00	162.50	1.50	658	50	10	0.6	170	11	2	2
201892	162.50	164.00	1.50	1100	44	6	0.6	35	7	2	2
201893	164.00	165.50	1.50	1545	52	10	0.8	170	8	2	2
201894	165.50	167.00	1.50	1915	46	14	1.2	135	6	2	2
201895	167.00	168.50	1.50	651	34	12	0.8	60	8	2	2
201896	168.50	170.00	1.50	371	44	12	0.6	25	8	2	2
201897	170.00	171.50	1.50	540	34	14	0.6	30	5	2	2
201898	171.50	173.00	1.50	183	54	14	0.6	55	4	2	2
201899	173.00	174.50	1.50	456	68	8	0.8	400	5	2	2
201900	174.50	176.00	1.50	458	52	10	0.4	280	5	2	2
201901	176.00	177.50	1.50	735	60	18	0.8	175	4	2	2
201902	177.50	179.00	1.50	428	40	8	0.4	80	4	2	2
201903	179.00	180.50	1.50	473	44	14	0.6	130	5	2	2
201904	180.50	182.00	1.50	258	48	12	0.4	70	3	2	2
201905	182.00	183.50	1.50	694	68	6	0.6	220	4	2	2
201906	183.50	185.00	1.50	181	64	6	0.2	80	3	2	2
201907	185.00	186.50	1.50	531	66	10	0.6	155	5	2	2
201908	186.50	188.00	1.50	322	58	28	0.6	145	4	2	2
201909	188.00	189.50	1.50	272	50	24	0.6	285	4	2	2
201910	189.50	191.00	1.50	355	70	12	0.4	135	4	2	2
201911	191.00	192.50	1.50	427	46	12	0.2	55	5	2	2
201912	192.50	194.00	1.50	356	56	12	0.4	100	6	2	2
201913	194.00	195.50	1.50	423	44	12	0.2	160	5	2	2
201914	195.50	197.00	1.50	472	66	14	0.4	140	5	2	2
201915	197.00	198.50	1.50	211	56	6	0.2	95	4	2	2
201916	198.50	200.00	1.50	275	58	4	0.2	75	5	2	2
201917	200.00	201.50	1.50	371	42	6	0.2	210	6	4	2
201918	201.50	203.00	1.50	311	38	10	0.6	70	5	2	2
201919	203.00	204.50	1.50	584	36	16	0.4	40	4	2	2
201920	204.50	206.00	1.50	216	56	8	0.2	35	3	2	2
201921	206.00	207.50	1.50	264	52	8	0.2	35	3	2	2
201922	207.50	209.00	1.50	200	60	12	0.2	30	4	2	2
201923	209.00	210.50	1.50	318	62	12	0.4	55	6	2	2
201924	210.50	212.00	1.50	275	60	4	0.2	210	5	2	2
201925	212.00	213.50	1.50	183	58	6	0.2	70	6	2	2
201926	213.50	215.00	1.50	424	58	16	0.2	45	7	2	2
201927	215.00	216.50	1.50	70	60	10	0.2	30	5	2	2
201928	216.50	218.00	1.50	112	56	10	0.2	20	9	2	2
201929	218.00	219.50	1.50	109	62	10	0.2	75	4	2	2
201930	219.50	221.00	1.50	362	50	14	0.2	90	5	2	2
201931	221.00	222.50	1.50	232	38	10	0.2	165	4	2	2
201932	222.50	224.00	1.50	128	46	22	0.2	95	7	2	2
201933	224.00	225.50	1.50	188	42	14	0.2	70	9	2	2

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201934	225.50	227.00	1.50	137	44	4	0.2	50	5	2	2
201935	227.00	228.50	1.50	203	36	12	0.2	160	3	2	2
201936	228.50	230.00	1.50	244	34	10	0.2	575	2	2	2
201937	230.00	231.50	1.50	330	40	8	0.2	350	3	2	2
201938	231.50	233.00	1.50	271	40	6	0.2	265	4	2	2
201939	233.00	234.50	1.50	157	36	8	0.2	95	3	2	2
201940	234.50	236.00	1.50	299	38	10	0.2	290	3	2	2
201941	236.00	237.50	1.50	136	32	6	0.2	120	3	2	2
201942	237.50	239.00	1.50	248	32	12	0.2	105	3	2	2
201943	239.00	240.50	1.50	295	26	10	0.2	150	2	2	2
201944	240.50	242.00	1.50	455	30	12	0.2	250	2	2	2
201945	242.00	243.50	1.50	460	28	8	0.2	65	2	2	2
201946	243.50	245.00	1.50	330	18	12	0.2	45	3	2	2
201947	245.00	246.50	1.50	193	34	6	0.2	50	5	2	2
201948	246.50	248.00	1.50	156	32	12	0.2	30	4	2	2
201949	248.00	249.50	1.50	74	22	6	0.2	40	5	2	2
201951	249.50	251.00	1.50	619	24	12	0.2	20	5	2	2
201952	251.00	252.50	1.50	22	40	2	0.2	20	1	2	2
201953	252.50	254.00	1.50	89	32	12	0.2	5	1	2	2
201954	254.00	255.50	1.50	96	36	10	0.2	15	5	2	2
201955	255.50	257.00	1.50	91	40	10	0.2	5	7	2	2
201956	257.00	258.50	1.50	286	46	12	0.2	35	4	2	2
201957	258.50	260.00	1.50	186	66	8	0.2	65	3	2	2
201958	260.00	261.50	1.50	826	62	10	0.6	505	2	2	2
201959	261.50	263.00	1.50	141	52	2	0.2	105	3	2	2
201960	263.00	264.50	1.50	408	42	8	0.2	70	1	2	2
201961	264.50	266.00	1.50	220	46	6	0.2	55	5	2	2
201962	266.00	267.50	1.50	127	40	8	0.2	30	128	2	2
201963	267.50	269.00	1.50	257	40	4	0.2	45	18	2	2
201964	269.00	270.50	1.50	120	38	18	0.2	5	3	2	2
201965	270.50	272.00	1.50	102	44	2	0.2	25	3	2	2
201966	272.00	273.50	1.50	205	46	2	0.2	20	2	2	2
201967	273.50	275.00	1.50	98	50	6	0.2	15	5	2	2
201968	275.00	276.50	1.50	476	54	12	0.6	20	20	2	2
201969	276.50	278.00	1.50	396	54	6	0.2	15	3	2	2
201970	278.00	279.50	1.50	155	46	10	0.2	10	1	2	2
201971	279.50	281.00	1.50	95	48	2	0.2	15	5	2	2
201972	281.00	282.50	1.50	122	84	6	0.2	5	3	2	2
201973	282.50	284.00	1.50	133	78	16	0.2	5	3	2	2
201974	284.00	285.50	1.50	68	74	36	0.2	5	3	2	2
201975	285.50	287.00	1.50	212	66	24	0.2	20	3	2	2
201976	287.00	288.50	1.50	63	54	16	0.2	20	2	2	2
201977	288.50	290.00	1.50	57	66	8	0.2	10	3	2	2
201978	290.00	291.50	1.50	138	42	8	0.2	55	19	2	2
201979	291.50	293.00	1.50	255	48	14	0.4	25	37	2	2
201980	293.00	294.50	1.50	87	56	8	0.2	15	5	2	2
201981	294.50	296.00	1.50	87	48	14	0.2	5	2	2	2

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TROU NUMERO: WK-05

ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
201982	296.00	297.50	1.50	36	62	8	0.2	20	2	2	2
201983	297.50	299.00	1.50	26	56	6	0.2	5	4	2	2
201984	299.00	300.50	1.50	73	66	8	0.2	5	3	2	2
201985	300.50	302.00	1.50	378	80	24	0.2	5	10	2	2

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ANALYSES

DATE: 03/02/1998

Echan.	De (M)	à (M)	Long. (M)	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb	Mo ppm	As ppm	Sb ppm
MOY.	92.00	98.00	6.00	354	83	4	0.2	150	3	2	2
MOY.	105.50	110.00	4.50	435	157	4	0.2	277	3	2	2
MOY.	126.50	131.00	4.50	433	136	93	0.6	312	4	2	2
MOY.	152.00	201.50	49.50	544	65	12	0.5	149	5	2	2
MOY.	227.00	242.00	15.00	264	34	9	0.2	236	3	2	2

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APPENDIX 2
CERTIFICATES OF ANALYSIS



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: MET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project: 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number: 1
 Total Pages: 3
 Certificate Date: 23-NOV-97
 Invoice No.: I9750928
 P.O. Number:
 Account: HYA

CERTIFICATE OF ANALYSIS A9750928

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
S203501	205	294	< 5	< 0.2	< 2	211	6	10	< 2	42		
S203502	205	294	< 5	< 0.2	< 2	111	4	8	< 2	36		
S203503	205	294	85	< 0.2	< 2	206	19	8	< 2	58		
S203504	205	294	35	< 0.2	< 2	180	6	8	< 2	32		
S203505	205	294	< 5	< 0.2	< 2	159	4	6	< 2	40		
S203506	205	294	< 5	1.0	< 2	195	16	44	< 2	38		
S203507	205	294	40	< 0.2	< 2	172	17	6	< 2	36		
S203508	205	294	< 5	0.6	10	141	9	24	< 2	50		
S203509	205	294	< 5	0.4	4	327	16	14	< 2	40		
S203510	205	294	110	0.8	< 2	1400	15	12	< 2	42		
S203511	205	294	< 5	< 0.2	< 2	385	5	4	< 2	46		
S203512	205	294	10	0.4	< 2	1020	4	8	< 2	32		
S203513	205	294	< 5	0.2	< 2	573	27	6	< 2	38		
S203514	205	294	90	0.2	< 2	825	13	8	< 2	42		
S203515	205	294	40	0.4	2	640	48	6	< 2	30		
S203516	205	294	210	0.4	< 2	1055	8	6	< 2	38		
S203517	205	294	15	0.4	< 2	533	8	12	< 2	38		
S203518	205	294	100	1.2	2	1255	68	20	< 2	34		
S203519	205	294	95	1.0	2	1315	109	28	< 2	28		
S203520	205	294	15	0.6	2	638	77	26	< 2	30		
S203521	205	294	350	0.2	< 2	581	42	10	< 2	26		
S203522	205	294	140	0.6	< 2	835	199	10	< 2	26		
S203523	205	294	100	0.8	< 2	1600	204	18	< 2	38		
S203524	205	294	20	0.4	< 2	1040	10	12	< 2	36		
S203525	205	294	< 5	0.2	< 2	313	10	16	< 2	62		
S203526	205	294	< 5	< 0.2	< 2	198	34	16	< 2	34		
S203527	205	294	565	0.8	< 2	763	10	6	< 2	52		
S203528	205	294	160	0.2	< 2	293	3	2	< 2	46		
S203529	205	294	780	0.6	< 2	1180	4	2	< 2	46		
S203530	205	294	60	0.2	< 2	389	5	4	< 2	56		
S203531	205	294	180	0.6	< 2	402	5	4	< 2	60		
S203532	205	294	445	0.8	< 2	400	4	6	< 2	86		
S203533	205	294	80	0.4	< 2	351	5	30	< 2	88		
S203534	205	294	40	0.4	< 2	180	6	12	< 2	88		
S203535	205	294	170	0.4	< 2	156	3	8	< 2	72		
S203536	205	294	40	0.4	< 2	206	165	14	< 2	124		
S203537	205	294	50	0.2	< 2	196	9	8	< 2	70		
S203538	205	294	40	0.2	< 2	256	7	6	< 2	88		
S203539	205	294	40	3.0	< 2	765	5	42	< 2	80		
S203540	205	294	80	0.6	< 2	305	6	6	< 2	94		

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

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 1300 BOUL. SAGUENAY, SUITE 200
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 Account : HYA

CERTIFICATE OF ANALYSIS A9750928

SAMPLE	PREP CODE		Au ppb	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
	FA	AA										
S203541	205	294	15	0.2	< 2	407	6	4	< 2	82		
S203542	205	294	20	< 0.2	< 2	167	5	4	< 2	70		
S203543	205	294	50	< 0.2	< 2	261	7	4	< 2	78		
S203544	205	294	20	< 0.2	< 2	625	7	6	< 2	90		
S203545	205	294	245	1.4	< 2	218	1	2	< 2	72		
S203546	205	294	10	0.8	< 2	162	4	6	< 2	102		
S203547	205	294	< 5	0.2	< 2	278	21	12	< 2	78		
S203548	205	294	20	0.2	< 2	272	8	10	< 2	66		
S203549	205	294	60	0.2	< 2	411	7	6	< 2	54		
S203550	205	294	90	0.2	< 2	206	12	2	< 2	62		
S203551	205	294	40	< 0.2	< 2	290	13	6	< 2	54		
S203552	205	294	140	0.6	< 2	999	14	6	< 2	50		
S203553	205	294	220	0.2	< 2	496	4	6	< 2	56		
S203554	205	294	310	0.2	< 2	529	4	4	< 2	70		
S203555	205	294	375	0.6	< 2	984	3	2	< 2	70		
S203556	205	294	240	0.6	< 2	1165	2	2	< 2	78		
S203557	205	294	420	0.4	< 2	610	< 1	2	< 2	60		
S203558	205	294	545	4.2	< 2	819	3	6	< 2	78		
S203559	205	294	400	1.0	< 2	773	7	12	< 2	58		
S203560	205	294	235	1.0	< 2	652	4	8	< 2	42		
S203561	205	294	1030	1.4	< 2	842	4	12	< 2	56		
S203562	205	294	120	0.6	< 2	531	10	10	< 2	54		
S203563	205	294	50	1.0	< 2	551	19	8	< 2	34		
S203564	205	294	90	1.0	< 2	496	4	6	< 2	36		
S203565	205	294	50	0.4	< 2	369	4	6	< 2	54		
S203566	205	294	30	0.2	< 2	378	3	8	< 2	72		
S203567	205	294	50	0.8	< 2	363	4	10	< 2	52		
S203568	205	294	35	0.6	< 2	358	21	16	< 2	60		
S203569	205	294	20	0.4	< 2	259	5	24	< 2	56		
S203570	205	294	40	0.6	< 2	273	5	28	< 2	32		
S203571	205	294	30	0.6	< 2	225	13	20	< 2	54		
S203572	205	294	60	0.6	< 2	447	6	26	< 2	66		
S203573	205	294	35	0.6	< 2	300	9	18	< 2	40		
S203574	205	294	10	0.8	< 2	245	47	26	< 2	38		
S203575	205	294	< 5	0.4	< 2	246	7	12	< 2	50		
S203576	205	294	2180	0.6	< 2	196	6	18	< 2	84		
S203577	205	294	20	0.6	< 2	262	41	12	< 2	46		
S203578	205	294	90	0.4	< 2	566	10	8	< 2	74		
S203579	205	294	65	0.6	< 2	440	7	10	< 2	68		
S203580	205	294	< 5	0.4	< 2	241	26	20	< 2	50		

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: NIJMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project: 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 3
Total Pages : 3
Certificate Date: 23-NOV-97
Invoice No. : 19750928
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9750928

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
S203581	205	294	25	0.2	< 2	205	20	8	< 2	58		
S203582	205	294	< 5	0.2	< 2	305	5	16	< 2	26		
S203583	205	294	< 5	0.2	< 2	326	5	12	< 2	30		
S203584	205	294	< 5	< 0.2	< 2	194	5	8	< 2	30		
S203585	205	294	< 5	< 0.2	< 2	271	5	6	< 2	30		
S203586	205	294	< 5	0.2	< 2	414	9	6	< 2	30		
S203587	205	294	40	0.4	< 2	486	7	14	< 2	22		
S203588	205	294	85	< 0.2	< 2	181	4	8	< 2	24		
S203589	205	294	< 5	< 0.2	< 2	173	3	8	< 2	24		
S203590	205	294	< 5	0.2	< 2	202	4	6	< 2	28		
S203591	205	294	< 5	0.2	< 2	375	6	16	< 2	30		
S203592	205	294	< 5	0.2	< 2	334	5	14	< 2	44		
S203593	205	294	60	0.2	< 2	510	8	14	< 2	58		
S203594	205	294	< 5	< 0.2	< 2	192	4	10	< 2	56		
S203595	205	294	30	0.2	< 2	422	6	14	< 2	36		
S203596	205	294	10	0.2	< 2	326	5	4	2	30		

CERTIFICATION: Walt Bunker



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

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Quebec, Canada J9X 5C3
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To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

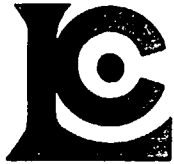
Project : 705-70-608-771
Comments : ATTN: MARC-ANDRE LAROUCHE

Page Number : 1
Total Pages : 4
Certificate Date: 25-NOV-97
Invoice No. : 19751209
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS A9751209

SAMPLE	PREP CODE	Au ppb FA+AA	Au FA g/t	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
S203597	205 294	< 5	-----	< 0.2	< 2	7	11	< 2	< 2	34
S203598	205 294	20	-----	< 0.2	< 2	539	8	< 2	< 2	50
S203599	205 294	30	-----	< 0.2	< 2	280	9	< 2	< 2	52
S203600	205 294	30	-----	< 0.2	< 2	13	9	< 2	< 2	40
S203601	205 294	< 5	-----	< 0.2	< 2	190	4	< 2	< 2	56
S203602	205 294	65	-----	< 0.2	< 2	429	9	< 2	< 2	44
S203603	205 294	25	-----	< 0.2	< 2	314	6	< 2	< 2	48
S203604	205 294	40	-----	< 0.2	< 2	36	24	< 2	< 2	38
S203605	205 294	100	-----	0.2	< 2	766	11	< 2	< 2	48
S203606	205 294	130	-----	0.2	< 2	587	9	12	< 2	38
S203607	205 294	165	-----	0.6	< 2	978	6	24	< 2	36
S203608	205 294	310	-----	1.2	< 2	968	18	30	< 2	30
S203609	205 294	305	-----	2.2	< 2	1660	24	24	< 2	34
S203610	205 294	140	-----	1.2	< 2	1055	8	10	< 2	30
S203611	205 294	210	-----	1.4	< 2	928	150	12	< 2	26
S203612	205 294	190	-----	1.0	< 2	1275	29	14	< 2	34
S203613	205 294	115	-----	1.0	4	824	57	18	< 2	30
S203614	205 294	430	-----	0.8	2	1115	9	20	< 2	36
S203615	205 294	650	-----	0.8	2	860	7	18	< 2	52
S203616	205 294	310	-----	1.0	2	701	22	16	< 2	60
S203617	205 294	925	-----	1.0	2	2450	4	4	< 2	72
S203618	205 294	1050	-----	1.2	< 2	1585	5	2	< 2	58
S203619	205 294	125	-----	< 0.2	< 2	140	3	10	< 2	58
S203620	205 294	125	-----	< 0.2	4	83	4	10	< 2	64
S203621	205 294	45	-----	0.6	< 2	159	4	40	< 2	72
S203622	205 294	95	-----	0.2	< 2	179	6	18	< 2	78
S203623	205 294	160	-----	3.0	< 2	340	5	144	< 2	78
S203624	205 294	150	-----	0.2	< 2	226	8	12	< 2	68
S203625	205 294	45	-----	0.8	10	296	36	50	< 2	60
S203626	205 294	< 5	-----	0.8	4	401	6	54	< 2	62
S203627	205 294	70	-----	0.2	2	262	4	14	< 2	46
S203628	205 294	145	-----	0.2	< 2	293	4	6	< 2	42
S203629	205 294	255	-----	0.6	< 2	652	7	26	< 2	74
S203630	205 294	275	-----	1.2	2	949	9	76	< 2	94
S203631	205 294	245	-----	2.0	< 2	787	15	148	< 2	116
S203632	205 294	215	-----	0.4	< 2	267	6	6	< 2	86
S203633	205 294	105	-----	1.0	2	245	7	2	< 2	88
S203634	205 294	< 5	-----	< 0.2	< 2	215	2	26	< 2	74
S203635	205 294	315	-----	< 0.2	6	74	8	10	< 2	56
S203636	205 294	10	-----	< 0.2	< 2	76	8	20	< 2	64

CERTIFICATION: _____



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul. Industriel C.P. 284, Rouyn
 Quebec, Canada J9X 5C3
 PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project : 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 2
 Total Pages : 4
 Certificate Date: 25-NOV-97
 Invoice No. : 19751209
 P.O. Number :
 Account : HYA

CERTIFICATE OF ANALYSIS A9751209

SAMPLE	PREP CODE	Au ppb FA+AA	Au FA g/t	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
S203637	205 294	< 5	-----	0.4	4	362	8	54	< 2	92
S203638	205 294	< 5	-----	< 0.2	4	111	6	32	< 2	84
S203639	205 294	< 5	-----	0.2	2	169	3	38	< 2	50
S203640	205 294	130	-----	< 0.2	< 2	166	3	6	< 2	56
S203641	205 294	< 5	-----	< 0.2	6	61	4	8	< 2	52
S203642	205 294	< 5	-----	< 0.2	< 2	83	5	4	< 2	58
S203643	205 294	< 5	-----	< 0.2	< 2	42	1	6	< 2	40
S203644	205 294	< 5	-----	0.2	6	97	5	20	< 2	42
S203645	205 294	< 5	-----	< 0.2	< 2	43	3	22	< 2	52
S203646	205 294	< 5	-----	< 0.2	6	71	2	20	< 2	52
S203647	205 294	< 5	-----	< 0.2	2	71	4	16	< 2	36
S203648	205 294	< 5	-----	< 0.2	2	70	6	24	< 2	56
S203649	205 294	20	-----	0.2	2	112	5	24	< 2	62
S203650	205 294	6690	-----	0.6	< 2	99	15	20	< 2	82
S203651	205 294	< 5	-----	< 0.2	2	127	5	20	< 2	48
S203652	205 294	120	-----	0.6	< 2	430	7	98	< 2	72
S203653	205 294	240	-----	0.2	4	568	7	34	< 2	82
S203654	205 294	110	-----	0.4	4	570	9	28	< 2	84
S203655	205 294	145	-----	0.6	< 2	343	7	36	< 2	56
S203656	205 294	80	-----	0.2	2	288	5	24	< 2	80
S203657	205 294	60	-----	0.2	6	256	6	8	< 2	92
S203658	205 294	765	-----	0.6	< 2	764	7	6	< 2	84
S203659	205 294	380	-----	0.2	< 2	742	6	< 2	< 2	90
S203660	205 294	700	-----	< 0.2	< 2	612	4	4	< 2	170
S203661	205 294	205	-----	< 0.2	< 2	592	6	< 2	< 2	182
S203662	205 294	250	-----	0.2	< 2	375	6	2	< 2	162
S203663	205 294	220	-----	< 0.2	< 2	488	6	2	< 2	158
S203664	205 294	250	-----	< 0.2	< 2	297	5	< 2	< 2	190
S203665	205 294	360	-----	0.2	2	385	5	4	< 2	140
S203666	205 294	260	-----	0.2	< 2	256	5	< 2	< 2	164
S203667	205 294	330	-----	0.2	2	422	6	4	< 2	170
S203668	205 294	180	-----	0.2	2	403	13	2	< 2	200
S203669	205 294	145	-----	0.6	6	518	6	8	< 2	172
S203670	205 294	145	-----	0.6	< 2	472	8	28	< 2	284
S203671	205 294	100	-----	0.2	< 2	356	6	4	< 2	172
S203672	205 294	170	-----	0.8	2	821	8	106	< 2	314
S203673	205 294	450	-----	0.6	< 2	542	7	28	< 2	166
S203674	205 294	90	-----	0.4	< 2	226	7	2	< 2	140
S203675	205 294	80	-----	< 0.2	< 2	254	8	6	< 2	144
S203676	205 294	80	-----	0.4	< 2	449	8	14	< 2	130

CERTIFICATION:

Marc-Andre Larouche



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
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To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project : 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 3
 Total Pages : 4
 Certificate Date: 25-NOV-97
 Invoice No. : 19751209
 P.O. Number :
 Account : HYA

CERTIFICATE OF ANALYSIS A9751209

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm
S203677	205	294	50	-----	0.2	< 2	338	8	10	< 2	118
S203678	205	294	65	-----	0.4	< 2	312	3	18	< 2	166
S203679	205	294	115	-----	1.6	4	521	231	30	< 2	160
S203680	205	294	70	-----	< 0.2	8	372	8	4	< 2	210
S203681	205	294	100	-----	0.2	8	329	7	14	< 2	154
S203682	205	294	60	-----	0.2	< 2	257	6	18	< 2	146
S203683	205	294	100	-----	0.2	< 2	277	7	14	< 2	132
S203684	205	294	70	-----	< 0.2	< 2	229	9	< 2	< 2	126
S203685	205	294	90	-----	0.8	4	327	8	76	< 2	164
S203686	205	294	55	-----	2.0	2	280	7	8	< 2	182
S203687	205	294	70	-----	< 0.2	< 2	542	5	8	< 2	160
S203688	205	294	205	-----	0.2	< 2	221	6	4	< 2	134
S203689	205	294	< 5	-----	< 0.2	< 2	45	12	6	< 2	122
S203690	205	294	< 5	-----	< 0.2	< 2	45	5	8	< 2	138
S203691	205	294	< 5	-----	< 0.2	< 2	15	3	8	< 2	142
S203692	205	294	< 5	-----	0.2	< 2	105	13	62	< 2	102
S203693	205	294	< 5	-----	< 0.2	4	37	6	4	< 2	108
S203694	205	294	< 5	-----	< 0.2	4	35	6	4	< 2	102
S203695	205	294	< 5	-----	< 0.2	6	17	12	2	< 2	110
S203696	205	294	< 5	-----	< 0.2	6	< 1	< 1	< 2	< 2	162
S203697	205	294	< 5	-----	< 0.2	18	< 1	< 1	2	< 2	122
S203698	205	294	< 5	-----	< 0.2	< 2	< 1	< 1	< 2	< 2	152
S203699	205	294	< 5	-----	< 0.2	6	< 1	< 1	2	< 2	198
S203700	205	294	< 5	-----	< 0.2	10	1	3	< 2	< 2	136
S203701	205	294	< 5	-----	< 0.2	< 2	19	6	6	< 2	54
S203702	205	294	< 5	-----	0.2	< 2	64	7	12	< 2	54
S203703	205	294	< 5	-----	< 0.2	< 2	15	3	12	< 2	60
S203704	205	294	< 5	-----	< 0.2	< 2	13	2	12	< 2	58
S203705	205	294	< 5	-----	< 0.2	< 2	6	9	20	< 2	98
S203706	205	294	70	-----	1.8	6	866	12	44	< 2	128
S203707	205	294	40	-----	0.4	12	333	10	2	< 2	74
S203708	205	294	60	-----	0.4	< 2	213	7	6	< 2	74
S203709	205	294	15	-----	0.4	< 2	256	8	< 2	< 2	72
S203710	205	294	10	-----	< 0.2	2	237	4	< 2	< 2	72
S203711	205	294	20	-----	0.2	2	255	3	6	< 2	78
S203712	205	294	5	-----	0.6	4	299	3	2	< 2	82
S203713	205	294	15	-----	0.8	8	328	3	18	< 2	94
S203714	205	294	90	-----	1.8	< 2	1020	5	24	< 2	116
S203715	205	294	10	-----	0.2	8	298	8	6	< 2	102
S203716	205	294	15	-----	0.4	10	382	7	8	< 2	138

CERTIFICATION: H. J. Bouchard



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique
 175 Boul. Industriel C.P. 284, Rouyn
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To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Page Number : 1
 Total Pages : 2
 Certificate Date: 03-DEC-97
 Invoice No. : I9751801
 P.O. Number :
 Account : HYA

Project : 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

CERTIFICATE OF ANALYSIS A9751801

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX-S-201601	205	294	< 5	< 0.2	10	313	4	< 2	< 2	88		
LDX-S-201602	205	294	< 5	< 0.2	2	397	5	< 2	< 2	60		
LDX-S-201603	205	294	10	0.2	12	584	9	< 2	< 2	86		
LDX-S-201604	205	294	30	0.8	12	669	5	< 2	< 2	66		
LDX-S-201605	205	294	60	1.0	16	689	7	< 2	< 2	92		
LDX-S-201606	205	294	25	0.8	14	794	5	< 2	< 2	78		
LDX-S-201607	205	294	40	0.8	10	956	7	< 2	< 2	72		
LDX-S-201608	205	294	30	0.8	12	746	5	< 2	< 2	64		
LDX-S-201609	205	294	10	0.2	6	579	5	< 2	< 2	68		
LDX-S-201610	205	294	40	1.2	22	976	23	< 2	< 2	86		
LDX-S-201611	205	294	60	0.4	< 2	917	10	< 2	< 2	54		
LDX-S-201612	205	294	140	0.8	18	823	5	< 2	< 2	58		
LDX-S-201613	205	294	45	1.0	< 2	894	6	< 2	< 2	70		
LDX-S-201614	205	294	50	1.2	< 2	876	4	< 2	< 2	60		
LDX-S-201615	205	294	155	1.2	2	1025	9	< 2	< 2	88		
LDX-S-201616	205	294	75	1.2	2	1230	8	4	< 2	74		
LDX-S-201617	205	294	60	0.8	< 2	977	68	2	< 2	72		
LDX-S-201618	205	294	105	0.6	2	1070	3	2	< 2	76		
LDX-S-201619	205	294	90	0.2	2	651	5	< 2	< 2	66		
LDX-S-201620	205	294	195	0.6	6	1110	12	4	< 2	62		
LDX-S-201621	205	294	25	< 0.2	4	453	12	< 2	< 2	42		
LDX-S-201622	205	294	50	< 0.2	2	887	73	< 2	< 2	34		
LDX-S-201623	205	294	60	< 0.2	4	824	31	< 2	< 2	54		
LDX-S-201624	205	294	45	< 0.2	2	1070	7	< 2	< 2	48		
LDX-S-201625	205	294	10	< 0.2	4	524	5	< 2	< 2	44		
LDX-S-201626	205	294	< 5	< 0.2	6	538	4	< 2	< 2	54		
LDX-S-201627	205	294	20	< 0.2	2	590	3	< 2	< 2	62		
LDX-S-201628	205	294	< 5	< 0.2	6	390	3	< 2	< 2	52		
LDX-S-201629	205	294	20	< 0.2	10	467	5	< 2	< 2	68		
LDX-S-201630	205	294	15	< 0.2	6	429	3	< 2	< 2	70		
LDX-S-201631	205	294	< 5	< 0.2	16	369	5	< 2	< 2	74		
LDX-S-201632	205	294	< 5	0.2	10	293	3	< 2	< 2	80		
LDX-S-201633	205	294	20	1.2	2	1105	10	< 2	< 2	118		
LDX-S-201634	205	294	< 5	0.2	10	644	13	< 2	< 2	102		
LDX-S-201635	205	294	15	< 0.2	6	250	20	8	< 2	28		
LDX-S-201636	205	294	15	0.2	< 2	369	20	12	< 2	34		
LDX-S-201637	205	294	80	0.2	8	731	7	10	< 2	22		
LDX-S-201638	205	294	15	0.2	< 2	292	7	6	< 2	24		
LDX-S-201639	205	294	< 5	0.2	2	471	10	6	< 2	26		
LDX-S-201640	205	294	15	0.2	2	705	25	10	< 2	26		

CERTIFICATION:

Hant Buchler



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul. Industriel C.P. 284, Rouyn
Quebec, Canada J9X 5C3
PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 2
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Certificate Date: 03-DEC-97
Invoice No. : I9751801
P.O. Number :
Account : HYA

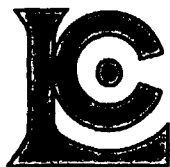
CERTIFICATE OF ANALYSIS

A9751801

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LDX-S-201641	205 294	< 5	0.2	2	431	25	12	< 2	26		
LDX-S-201642	205 294	20	< 0.2	2	636	17	6	< 2	22		
LDX-S-201643	205 294	10	0.2	6	707	14	6	< 2	36		
LDX-S-201644	205 294	15	0.2	< 2	847	9	< 2	< 2	72		
LDX-S-201645	205 294	10	0.4	10	573	15	4	< 2	36		
LDX-S-201646	205 294	10	0.2	4	460	6	14	< 2	38		
LDX-S-201647	205 294	5	< 0.2	< 2	325	6	10	< 2	26		
LDX-S-201648	205 294	< 5	0.2	4	223	15	10	< 2	34		
LDX-S-201649	205 294	< 5	0.2	2	555	6	6	< 2	30		
LDX-S-201650	205 294	2510	0.6	8	184	7	14	2	84		
LDX-S-201651	205 294	25	0.4	2	689	9	8	< 2	22		
LDX-S-201652	205 294	< 5	0.2	< 2	583	12	8	< 2	34		
LDX-S-201653	205 294	35	0.4	4	815	14	22	< 2	34		
LDX-S-201654	205 294	80	1.0	4	504	19	24	< 2	30		
LDX-S-201655	205 294	60	1.2	6	1305	25	32	< 2	60		
LDX-S-201656	205 294	25	0.2	4	396	8	14	< 2	78		
LDX-S-201657	205 294	10	0.2	16	233	8	16	< 2	86		
LDX-S-201658	205 294	60	1.0	8	1485	54	16	< 2	80		
LDX-S-201659	205 294	50	< 0.2	6	426	6	6	< 2	152		
LDX-S-201660	205 294	45	0.2	6	371	6	10	< 2	102		
LDX-S-201661	205 294	35	0.2	10	392	6	22	< 2	74		
LDX-S-201662	205 294	75	0.2	6	494	6	6	< 2	156		
LDX-S-201663	205 294	80	0.6	2	444	4	4	< 2	174		
LDX-S-201664	205 294	45	0.2	6	151	3	< 2	< 2	130		
LDX-S-201665	205 294	130	1.0	10	756	8	< 2	2	182		
LDX-S-201666	205 294	45	0.4	6	414	3	18	< 2	102		
LDX-S-201667	205 294	30	1.4	8	818	6	136	< 2	90		
LDX-S-201668	205 294	50	1.0	2	514	6	28	< 2	112		
LDX-S-201669	205 294	80	1.4	< 2	524	5	2	< 2	108		
LDX-S-201670	205 294	40	1.0	< 2	406	6	4	2	122		
LDX-S-201671	205 294	25	0.4	< 2	481	4	< 2	< 2	114		
LDX-S-201672	205 294	60	0.6	2	389	3	< 2	< 2	104		
LDX-S-201673	205 294	55	2.0	8	298	2	< 2	< 2	134		
LDX-S-201674	205 294	75	0.6	< 2	350	3	< 2	< 2	122		
LDX-S-201675	205 294	110	0.6	8	431	7	< 2	< 2	190		
LDX-S-201676	205 294	35	1.4	4	684	18	36	< 2	138		
LDX-S-201677	205 294	35	0.8	10	906	49	30	< 2	146		
LDX-S-201678	205 294	60	0.6	4	763	23	16	< 2	128		
LDX-S-201679	205 294	70	0.2	6	550	5	6	< 2	108		
LDX-S-201680	205 294	80	0.6	2	791	9	12	< 2	116		

CERTIFICATION:

Mark Buchler



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
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 PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project : 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

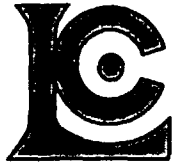
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 Invoice No. : 19751802
 P.O. Number :
 Account : HYA

CERTIFICATE OF ANALYSIS A9751802

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX-S-201681	205 294	50	1.2	< 2	924	7	30	4	96		
LDX-S-201682	205 294	90	1.4	20	969	18	30	2	68		
LDX-S-201683	205 294	45	2.0	4	1375	42	62	2	102		
LDX-S-201684	205 294	80	0.8	10	570	8	26	< 2	102		
LDX-S-201685	205 294	25	0.4	14	856	6	6	2	100		
LDX-S-201686	205 294	100	1.8	38	4500	72	26	2	64		
LDX-S-201687	205 294	25	0.6	10	578	19	20	2	114		
LDX-S-201688	205 294	25	1.2	12	652	9	42	4	138		
LDX-S-201689	205 294	20	1.0	8	634	8	52	8	142		
LDX-S-201690	205 294	30	1.6	22	1270	14	92	8	110		
LDX-S-201691	205 294	40	1.2	18	561	7	48	< 2	108		
LDX-S-201692	205 294	35	1.2	12	674	7	62	< 2	114		
LDX-S-201693	205 294	40	1.0	6	390	12	28	4	88		
LDX-S-201694	205 294	60	1.6	2	1240	22	210	2	98		
LDX-S-201695	205 294	65	2.6	6	1390	12	116	2	114		
LDX-S-201696	205 294	50	1.4	6	1080	11	74	6	104		
LDX-S-201697	205 294	35	1.0	< 2	724	8	48	< 2	92		
LDX-S-201698	205 294	65	1.0	< 2	709	5	40	4	108		
LDX-S-201699	205 294	65	1.4	12	961	13	80	4	108		
LDX-S-201700	205 294	40	1.4	4	910	9	82	6	96		
LDX-S-201701	205 294	80	0.8	2	708	8	44	< 2	122		
LDX-S-201702	205 294	50	1.2	4	984	6	62	2	82		
LDX-S-201703	205 294	40	1.4	24	1015	7	72	4	86		
LDX-S-201704	205 294	50	0.8	8	662	5	56	4	110		
LDX-S-201705	205 294	55	0.8	10	546	5	70	< 2	146		
LDX-S-201706	205 294	50	0.8	10	590	8	60	< 2	150		
LDX-S-201707	205 294	50	0.8	12	580	5	88	< 2	112		
LDX-S-201708	205 294	100	1.4	18	1060	5	46	2	134		
LDX-S-203746	205 294	< 5	< 0.2	< 2	414	6	6	2	74		
LDX-S-203747	205 294	5	< 0.2	14	538	6	2	6	88		
LDX-S-203748	205 294	< 5	< 0.2	16	451	5	< 2	6	80		
LDX-S-203749	205 294	< 5	< 0.2	6	446	13	6	2	86		
LDX-S-203750	205 294	< 5	< 0.2	< 2	816	21	< 2	6	126		

CERTIFICATION:

Marc Andre Larouche



Laboratoires Chemex Ltee.

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To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 1
Total Pages : 3
Certificate Date: 04-DEC-97
Invoice No. : 19751830
P.O. Number :
Account : HYA

CERTIFICATE OF ANALYSIS

A9751830

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LDX-S-201709	205	294	240	2.0	18	1125	5	86	2	152		
LDX-S-201710	205	294	400	1.0	8	975	5	10	6	142		
LDX-S-201711	205	294	370	1.4	22	1365	4	18	6	160		
LDX-S-201712	205	294	165	0.8	14	1035	4	20	6	162		
LDX-S-201713	205	294	155	1.4	2	1035	1	26	10	156		
LDX-S-201714	205	294	330	0.2	14	975	6	2	< 2	98		
LDX-S-201715	205	294	790	0.2	10	1810	6	10	12	174		
LDX-S-201716	205	294	110	0.8	10	680	8	20	< 2	82		
LDX-S-201717	205	294	90	1.4	8	850	6	40	< 2	172		
LDX-S-201718	205	294	40	0.6	6	337	4	84	< 2	100		
LDX-S-201719	205	294	30	1.2	14	302	11	178	6	110		
LDX-S-201720	205	294	110	1.2	14	470	7	102	2	86		
LDX-S-201721	205	294	130	1.2	4	537	29	108	4	100		
LDX-S-201722	205	294	205	1.2	8	594	19	54	4	108		
LDX-S-201723	205	294	140	1.0	18	605	16	30	< 2	114		
LDX-S-201724	205	294	285	0.8	12	490	26	32	2	78		
LDX-S-201725	205	294	6080	0.4	14	107	13	20	< 2	80		
LDX-S-201726	205	294	195	0.6	12	798	5	12	6	96		
LDX-S-201727	205	294	1110	1.2	6	1010	5	12	2	80		
LDX-S-201728	205	294	340	0.8	10	632	12	12	< 2	78		
LDX-S-201729	205	294	495	1.6	18	886	13	24	4	76		
LDX-S-201730	205	294	205	0.6	10	695	13	6	< 2	66		
LDX-S-201731	205	294	375	1.6	10	846	7	4	< 2	76		
LDX-S-201732	205	294	950	7.2	8	2880	83	496	2	94		
LDX-S-201733	205	294	985	3.6	16	1620	43	124	< 2	130		
LDX-S-201734	205	294	440	1.2	< 2	856	9	34	4	104		
LDX-S-201735	205	294	125	0.6	< 2	281	3	20	< 2	84		
LDX-S-201736	205	294	70	1.0	6	194	6	342	< 2	132		
LDX-S-201737	205	294	20	0.6	4	158	5	124	4	78		
LDX-S-201738	205	294	25	0.4	< 2	171	5	102	4	72		
LDX-S-201739	205	294	140	1.0	8	528	11	192	4	92		
LDX-S-201740	205	294	240	1.8	8	974	19	178	< 2	76		
LDX-S-201741	205	294	580	1.6	2	1390	11	8	< 2	86		
LDX-S-201742	205	294	870	1.0	6	851	4	8	< 2	78		
LDX-S-201743	205	294	805	1.2	10	685	3	6	< 2	46		
LDX-S-201744	205	294	1540	3.8	2	1120	3	2	< 2	50		
LDX-S-201745	205	294	1300	7.2	< 2	1420	20	4	< 2	72		
LDX-S-201746	205	294	1890	15.0	8	1720	8	6	2	36		
LDX-S-201747	205	294	725	16.6	6	1025	2	< 2	< 2	88		
LDX-S-201748	205	294	520	14.2	10	1165	2	12	6	114		

CERTIFICATION: _____



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

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Quebec, Canada J9X 5C3
PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number :2
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Certificate Date: 04-DEC-97
Invoice No. :19751830
P.O. Number :
Account :HYA

CERTIFICATE OF ANALYSIS A9751830

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LDX-S-201749	205 294	490	3.4	< 2	2450	12	< 2	< 2	108		
LDX-S-201750	205 294	5380	3.2	2	3310	5	2	< 2	94		
LDX-S-201751	205 294	3180	6.0	< 2	4290	6	16	< 2	60		
LDX-S-201752	205 294	885	2.2	2	3150	6	< 2	< 2	76		
LDX-S-201753	205 294	1470	5.8	< 2	4120	5	30	< 2	40		
LDX-S-201754	205 294	510	2.6	2	3260	9	2	< 2	62		
LDX-S-201755	205 294	850	3.2	2	2320	9	58	< 2	76		
LDX-S-201756	205 294	145	1.2	2	1350	11	14	< 2	128		
LDX-S-201757	205 294	30	0.4	2	396	13	38	< 2	100		
LDX-S-201758	205 294	25	0.4	6	523	9	72	< 2	104		
LDX-S-201759	205 294	15	0.2	< 2	289	8	136	< 2	92		
LDX-S-201760	205 294	10	0.4	8	324	10	62	< 2	76		
LDX-S-201761	205 294	25	0.2	4	340	6	14	< 2	66		
LDX-S-201762	205 294	30	0.4	2	415	18	28	< 2	58		
LDX-S-201763	205 294	20	0.2	12	403	18	16	< 2	56		
LDX-S-201764	205 294	20	0.6	12	462	21	10	< 2	58		
LDX-S-201765	205 294	50	0.2	4	721	10	6	< 2	54		
LDX-S-201766	205 294	25	< 0.2	4	436	12	6	< 2	58		
LDX-S-201767	205 294	30	0.4	2	507	32	16	< 2	64		
LDX-S-201768	205 294	30	0.4	8	384	7	12	< 2	84		
LDX-S-201769	205 294	30	0.4	12	481	8	14	< 2	72		
LDX-S-201770	205 294	25	0.2	8	406	6	20	< 2	80		
LDX-S-201771	205 294	20	0.2	2	407	7	12	< 2	62		
LDX-S-201772	205 294	45	0.4	4	482	8	20	< 2	60		
LDX-S-201773	205 294	40	0.6	< 2	429	10	16	< 2	54		
LDX-S-201774	205 294	45	0.6	2	570	9	22	< 2	62		
LDX-S-201775	205 294	35	0.6	2	581	8	14	< 2	62		
LDX-S-201776	205 294	40	0.4	6	593	7	10	< 2	74		
LDX-S-201777	205 294	45	0.2	2	584	6	2	< 2	72		
LDX-S-201778	205 294	150	0.2	< 2	477	4	< 2	< 2	94		
LDX-S-201779	205 294	90	< 0.2	< 2	289	3	< 2	< 2	92		
LDX-S-201780	205 294	165	1.0	< 2	621	1	< 2	< 2	102		
LDX-S-201781	205 294	135	0.8	2	556	4	< 2	< 2	72		
LDX-S-201782	205 294	70	0.2	< 2	549	6	22	< 2	76		
LDX-S-201783	205 294	95	0.8	< 2	723	7	136	< 2	60		
LDX-S-201784	205 294	125	0.6	< 2	702	5	< 2	< 2	66		
LDX-S-201785	205 294	245	2.0	< 2	639	6	< 2	< 2	70		
LDX-S-201786	205 294	235	1.4	2	619	4	< 2	< 2	74		
LDX-S-201787	205 294	125	1.0	< 2	620	9	2	< 2	84		
LDX-S-201788	205 294	115	2.0	< 2	712	9	114	< 2	88		

CERTIFICATION: Hart Biddle



Laboratoires Chemex Ltee.

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175 Boul, Industriel C.P. 284, Rouyn
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To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number :3
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Certificate Date: 04-DEC-97
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Account :HYA

CERTIFICATE OF ANALYSIS

A9751830

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX-S-201789	205	294	175	2.6	< 2	832	8	132	< 2	94		
LDX-S-201790	205	294	35	2.0	< 2	442	8	134	< 2	114		

CERTIFICATION:

Henri Bouché



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
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C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
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Project : 705-70-608-771
Comments: ATTN: MARC-ANDRE LAROUCHE

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Total Pages :3
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Account :HYA

CERTIFICATE OF ANALYSIS A9752155

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S201791	205 294	30	< 0.2	< 2	260	5	12	< 2	124		
S201792	205 294	10	< 0.2	< 2	215	6	8	< 2	106		
S201793	205 294	60	0.2	< 2	354	6	6	< 2	124		
S201794	205 294	50	< 0.2	< 2	263	5	6	2	78		
S201795	205 294	80	< 0.2	< 2	219	4	6	< 2	62		
S201796	205 294	25	< 0.2	< 2	248	4	2	< 2	56		
S201797	205 294	10	< 0.2	< 2	170	4	8	< 2	86		
S201798	205 294	< 5	0.2	< 2	198	3	2	< 2	82		
S201799	205 294	10	< 0.2	< 2	144	2	2	< 2	130		
S201800	205 294	6190	0.8	< 2	96	13	22	< 2	74		
S201801	205 294	10	< 0.2	< 2	236	1	4	< 2	114		
S201802	205 294	< 5	< 0.2	< 2	235	3	6	< 2	114		
S201803	205 294	65	< 0.2	< 2	412	6	4	< 2	118		
S201804	205 294	10	< 0.2	< 2	243	5	6	< 2	116		
S201805	205 294	15	< 0.2	< 2	225	6	2	< 2	102		
S201806	205 294	20	0.2	< 2	265	7	10	< 2	98		
S201807	205 294	70	0.2	< 2	641	13	8	< 2	130		
S201808	205 294	20	< 0.2	< 2	307	19	6	< 2	150		
S201809	205 294	30	0.2	< 2	441	6	14	< 2	126		
S201810	205 294	35	0.2	< 2	357	5	10	< 2	182		
S201811	205 294	45	< 0.2	< 2	274	4	6	< 2	156		
S201812	205 294	15	0.2	< 2	220	6	6	< 2	118		
S201813	205 294	25	0.2	< 2	67	8	8	< 2	164		
S201814	205 294	15	0.4	< 2	334	8	8	< 2	130		
S201815	205 294	75	0.2	< 2	283	5	8	2	152		
S201816	205 294	35	< 0.2	< 2	478	7	4	< 2	124		
S201817	205 294	55	0.4	< 2	229	3	6	< 2	140		
S201818	205 294	< 5	< 0.2	< 2	139	3	2	< 2	170		
S201819	205 294	30	< 0.2	< 2	155	3	6	< 2	176		
S201820	205 294	< 5	< 0.2	< 2	129	5	8	< 2	146		
S201821	205 294	40	0.6	2	342	10	6	< 2	162		
S201822	205 294	50	0.4	< 2	396	7	6	< 2	146		
S201823	205 294	55	< 0.2	< 2	953	5	8	< 2	150		
S201824	205 294	55	0.2	< 2	817	4	6	< 2	190		
S201825	205 294	70	1.4	< 2	1155	4	12	< 2	168		
S201826	205 294	70	0.2	< 2	514	5	6	< 2	142		
S201827	205 294	20	0.2	< 2	436	7	6	< 2	142		
S201828	205 294	35	0.4	< 2	367	6	6	< 2	100		
S201829	205 294	30	0.4	< 2	526	12	14	< 2	136		
S201830	205 294	10	< 0.2	< 2	227	6	32	< 2	144		

CERTIFICATION:

Hart Buchler



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
 Quebec, Canada J9X 5C3
 PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project : 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number :2
 Total Pages :3
 Certificate Date: 05-DEC-97
 Invoice No. :19752155
 P.O. Number :
 Account :HYA

CERTIFICATE OF ANALYSIS A9752155

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
S201831	205	294	85	< 0.2	< 2	305	4	32	< 2	116		
S201832	205	294	215	< 0.2	< 2	369	5	182	< 2	112		
S201833	205	294	55	0.2	< 2	267	4	10	< 2	120		
S201834	205	294	40	< 0.2	< 2	196	3	6	< 2	120		
S201835	205	294	80	< 0.2	< 2	286	3	4	< 2	144		
S201836	205	294	190	< 0.2	< 2	238	4	4	< 2	160		
S201837	205	294	60	< 0.2	< 2	307	4	2	< 2	122		
S201838	205	294	40	< 0.2	< 2	224	8	4	< 2	166		
S201839	205	294	35	< 0.2	< 2	142	4	2	< 2	138		
S201840	205	294	90	< 0.2	< 2	157	9	< 2	< 2	122		
S201841	205	294	35	< 0.2	< 2	243	5	2	< 2	132		
S201842	205	294	40	< 0.2	< 2	229	4	2	< 2	126		
S201843	205	294	35	0.2	< 2	331	6	4	< 2	88		
S201844	205	294	205	0.2	< 2	468	3	6	< 2	88		
S201845	205	294	130	< 0.2	< 2	392	4	2	< 2	76		
S201846	205	294	150	< 0.2	< 2	356	2	2	< 2	62		
S201847	205	294	115	< 0.2	< 2	198	3	4	< 2	106		
S201848	205	294	45	< 0.2	< 2	171	1	4	< 2	86		
S201849	205	294	35	< 0.2	< 2	174	3	4	< 2	142		
S201850	205	294	45	< 0.2	< 2	293	1	4	< 2	140		
S201851	205	294	40	< 0.2	< 2	226	4	2	< 2	96		
S201852	205	294	75	0.2	< 2	901	4	14	< 2	144		
S201853	205	294	275	0.2	< 2	723	1	6	< 2	220		
S201854	205	294	350	< 0.2	< 2	400	4	2	< 2	136		
S201855	205	294	205	0.2	< 2	183	5	4	< 2	116		
S201856	205	294	40	< 0.2	< 2	152	5	2	< 2	132		
S201857	205	294	80	< 0.2	< 2	147	6	2	< 2	128		
S201858	205	294	85	< 0.2	< 2	215	7	2	< 2	134		
S201859	205	294	120	< 0.2	< 2	1880	5	6	< 2	136		
S201860	205	294	65	< 0.2	< 2	392	11	2	< 2	144		
S201861	205	294	60	< 0.2	< 2	90	6	6	< 2	128		
S201862	205	294	155	0.6	< 2	2260	9	12	< 2	86		
S201863	205	294	910	0.8	< 2	1290	8	12	< 2	36		
S201864	205	294	80	< 0.2	< 2	186	4	6	< 2	36		
S201865	205	294	110	< 0.2	< 2	233	3	6	< 2	38		
S201866	205	294	90	< 0.2	< 2	227	4	6	< 2	34		
S201867	205	294	185	< 0.2	< 2	237	4	8	< 2	32		
S201868	205	294	485	1.2	< 2	718	4	54	< 2	32		
S201869	205	294	265	0.4	< 2	345	3	216	< 2	344		
S201870	205	294	55	0.2	< 2	241	1	176	< 2	164		

CERTIFICATION:

Haut-Bouché



Laboratoires Onemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
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 PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project: 705-70-608-771
 Comments: ATTN: MARC-ANDRE LAROUCHE

Page Number : 3
 Page : 3
 Certificate Date: 05-DEC-97
 Invoice No. : 19752155
 P.O. Number :
 Account : HYA

CERTIFICATE OF ANALYSIS

A9752155

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
S201871	205	294	45	< 0.2	< 2	242	2	202	< 2	162		
S201872	205	294	135	0.2	< 2	371	3	6	< 2	132		
S201873	205	294	40	< 0.2	< 2	176	1	14	< 2	74		
S201874	205	294	30	< 0.2	< 2	198	2	22	< 2	146		
S201875	205	294	7340	0.6	< 2	98	13	20	< 2	76		
S201876	205	294	160	0.2	< 2	368	2	10	< 2	124		
S201877	205	294	< 5	0.2	< 2	144	2	14	< 2	146		
S201878	205	294	15	< 0.2	< 2	171	3	2	< 2	140		
S201879	205	294	< 5	< 0.2	< 2	107	2	2	< 2	152		
S201880	205	294	15	0.8	< 2	231	4	6	< 2	126		
S201881	205	294	60	0.2	< 2	318	9	2	< 2	120		
S201882	205	294	50	0.4	< 2	394	7	4	< 2	134		
S201883	205	294	50	< 0.2	< 2	485	7	2	4	144		
S201884	205	294	20	0.4	< 2	298	5	6	< 2	136		
S201885	205	294	110	0.8	< 2	900	9	20	< 2	74		
S201886	205	294	680	0.4	< 2	283	5	14	< 2	80		
S201887	205	294	200	0.6	< 2	618	4	8	< 2	154		
S201888	205	294	150	0.2	< 2	833	6	4	< 2	156		
S201889	205	294	10	< 0.2	< 2	245	4	4	< 2	176		
S201890	205	294	105	0.4	2	396	9	16	< 2	82		
S201891	205	294	170	0.6	< 2	658	11	10	< 2	50		
S201892	205	294	35	0.6	< 2	1100	7	6	< 2	44		
S201893	205	294	170	0.8	< 2	1545	8	10	< 2	52		
S201894	205	294	135	1.2	< 2	1915	6	14	< 2	46		
S201895	205	294	60	0.8	< 2	651	8	12	< 2	34		
S201896	205	294	25	0.6	< 2	371	8	12	< 2	44		
S201897	205	294	30	0.6	< 2	540	5	14	< 2	34		
S201898	205	294	55	0.6	< 2	183	4	14	< 2	54		
S201899	205	294	400	0.8	< 2	456	5	8	< 2	68		
S201900	205	294	280	0.4	< 2	458	5	10	< 2	52		
S201901	205	294	175	0.8	< 2	735	4	18	< 2	60		
S201902	205	294	80	0.4	< 2	428	4	8	< 2	40		
S201903	205	294	130	0.6	< 2	473	5	14	< 2	44		
S201904	205	294	70	0.4	< 2	258	3	12	< 2	48		

CERTIFICATION:

Marc-Andre Larouche



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
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 PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
 C.P. 2187
 1300 BOUL. SAGUENAY, SUITE 200
 ROUYN-NORANDA, PQ
 J9X 5A6

Project : 705-70-608-771
 Comments: ATTN: MARC ANDRE LAROUCHE

Page Number :1
 Total Pages :3
 Certificate Date: 09-DEC-97
 Invoice No. :19752411
 P.O. Number :0487
 Account :HYA

CERTIFICATE OF ANALYSIS A9752411

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX-S-201905	205	294	220	0.6	< 2	694	4	6	< 2	68		
LDX-S-201906	205	294	80	0.2	< 2	181	3	6	< 2	64		
LDX-S-201907	205	294	155	0.6	< 2	531	5	10	< 2	66		
LDX-S-201908	205	294	145	0.6	< 2	322	4	28	< 2	58		
LDX-S-201909	205	294	285	0.6	< 2	272	4	24	< 2	50		
LDX-S-201910	205	294	135	0.4	< 2	355	4	12	< 2	70		
LDX-S-201911	205	294	55	0.2	< 2	427	5	12	< 2	46		
LDX-S-201912	205	294	100	0.4	< 2	356	6	12	< 2	56		
LDX-S-201913	205	294	160	0.2	< 2	423	5	12	< 2	44		
LDX-S-201914	205	294	140	0.4	< 2	472	5	14	< 2	66		
LDX-S-201915	205	294	95	0.2	< 2	211	4	6	< 2	56		
LDX-S-201916	205	294	75	0.2	< 2	275	5	4	< 2	58		
LDX-S-201917	205	294	210	0.2	4	371	6	6	2	42		
LDX-S-201918	205	294	70	0.6	2	311	5	10	< 2	38		
LDX-S-201919	205	294	40	0.4	< 2	584	4	16	< 2	36		
LDX-S-201920	205	294	35	0.2	< 2	216	3	8	< 2	56		
LDX-S-201921	205	294	35	0.2	< 2	264	3	8	< 2	52		
LDX-S-201922	205	294	30	0.2	< 2	200	4	12	< 2	60		
LDX-S-201923	205	294	55	0.4	< 2	318	6	12	2	62		
LDX-S-201924	205	294	210	0.2	< 2	275	5	4	< 2	60		
LDX-S-201925	205	294	70	< 0.2	< 2	183	6	6	< 2	58		
LDX-S-201926	205	294	45	0.2	< 2	424	7	16	< 2	58		
LDX-S-201927	205	294	30	< 0.2	< 2	70	5	10	< 2	60		
LDX-S-201928	205	294	20	0.2	< 2	112	9	10	< 2	56		
LDX-S-201929	205	294	75	< 0.2	< 2	109	4	10	< 2	62		
LDX-S-201930	205	294	90	0.2	< 2	362	5	14	< 2	50		
LDX-S-201931	205	294	165	0.2	< 2	232	4	10	< 2	38		
LDX-S-201932	205	294	95	0.2	< 2	128	7	22	< 2	46		
LDX-S-201933	205	294	70	0.2	< 2	188	9	14	2	42		
LDX-S-201934	205	294	50	< 0.2	< 2	137	5	4	< 2	44		
LDX-S-201935	205	294	160	0.2	< 2	203	3	12	< 2	36		
LDX-S-201936	205	294	575	0.2	< 2	244	2	10	< 2	34		
LDX-S-201937	205	294	350	0.2	< 2	330	3	8	< 2	40		
LDX-S-201938	205	294	265	0.2	< 2	271	4	6	< 2	40		
LDX-S-201939	205	294	95	< 0.2	< 2	157	3	8	< 2	36		
LDX-S-201940	205	294	290	0.2	< 2	299	3	10	< 2	38		
LDX-S-201941	205	294	120	< 0.2	< 2	136	3	6	< 2	32		
LDX-S-201942	205	294	105	< 0.2	< 2	248	3	12	< 2	32		
LDX-S-201943	205	294	150	< 0.2	< 2	295	2	10	< 2	26		
LDX-S-201944	205	294	250	< 0.2	< 2	455	2	12	< 2	30		

CERTIFICATION: _____



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul, Industriel C.P. 284, Rouyn
Quebec, Canada J9X 5C3
PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC ANDRE LAROUCHE

Page Number :2
Total Pages :3
Certificate Date: 09-DEC-97
Invoice No. :19752411
P.O. Number :0487
Account :HYA

CERTIFICATE OF ANALYSIS A9752411

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
LDX-S-201945	205	294	65	0.2	< 2	460	2	8	< 2	28		
LDX-S-201946	205	294	45	0.2	< 2	330	3	12	< 2	18		
LDX-S-201947	205	294	50	0.2	< 2	193	5	6	< 2	34		
LDX-S-201948	205	294	30	< 0.2	< 2	156	4	12	< 2	32		
LDX-S-201949	205	294	40	< 0.2	< 2	74	5	6	< 2	22		
LDX-S-201950	205	294	5940	0.6	< 2	100	14	16	< 2	82		
LDX-S-201951	205	294	20	< 0.2	< 2	619	5	12	< 2	24		
LDX-S-201952	205	294	20	< 0.2	< 2	22	1	2	< 2	40		
LDX-S-201953	205	294	5	< 0.2	< 2	89	1	12	< 2	32		
LDX-S-201954	205	294	15	< 0.2	< 2	96	5	10	< 2	36		
LDX-S-201955	205	294	< 5	< 0.2	< 2	91	7	10	< 2	40		
LDX-S-201956	205	294	35	0.2	< 2	286	4	12	< 2	46		
LDX-S-201957	205	294	65	0.2	< 2	186	3	8	< 2	66		
LDX-S-201958	205	294	505	0.6	< 2	826	2	10	< 2	62		
LDX-S-201959	205	294	105	< 0.2	< 2	141	3	2	< 2	52		
LDX-S-201960	205	294	70	0.2	< 2	408	1	8	< 2	42		
LDX-S-201961	205	294	55	0.2	< 2	220	5	6	< 2	46		
LDX-S-201962	205	294	30	0.2	< 2	127	128	8	< 2	40		
LDX-S-201963	205	294	45	0.2	< 2	257	18	4	< 2	40		
LDX-S-201964	205	294	5	< 0.2	< 2	120	3	18	< 2	38		
LDX-S-201965	205	294	25	0.2	< 2	102	3	2	< 2	44		
LDX-S-201966	205	294	20	0.2	< 2	205	2	2	< 2	46		
LDX-S-201967	205	294	15	< 0.2	< 2	98	5	6	< 2	50		
LDX-S-201968	205	294	20	0.6	< 2	476	20	12	< 2	54		
LDX-S-201969	205	294	15	0.2	< 2	396	3	6	< 2	54		
LDX-S-201970	205	294	10	0.2	< 2	155	1	10	< 2	46		
LDX-S-201971	205	294	15	< 0.2	< 2	95	5	2	< 2	48		
LDX-S-201972	205	294	< 5	< 0.2	< 2	122	3	6	< 2	84		
LDX-S-201973	205	294	< 5	< 0.2	< 2	133	3	16	< 2	78		
LDX-S-201974	205	294	< 5	0.2	< 2	68	3	36	< 2	74		
LDX-S-201975	205	294	20	0.2	< 2	212	3	24	< 2	66		
LDX-S-201976	205	294	20	0.2	< 2	63	2	16	< 2	54		
LDX-S-201977	205	294	10	0.2	< 2	57	3	8	< 2	66		
LDX-S-201978	205	294	55	0.2	< 2	138	19	8	< 2	42		
LDX-S-201979	205	294	25	0.4	2	255	37	14	< 2	48		
LDX-S-201980	205	294	15	0.2	< 2	87	5	8	< 2	56		
LDX-S-201981	205	294	< 5	< 0.2	< 2	87	2	14	< 2	48		
LDX-S-201982	205	294	20	< 0.2	< 2	36	2	8	< 2	62		
LDX-S-201983	205	294	< 5	< 0.2	< 2	26	4	6	< 2	56		
LDX-S-201984	205	294	< 5	< 0.2	< 2	73	3	8	< 2	66		

CERTIFICATION: _____



Laboratoires Chemex Ltee.

Essayeurs * Geochimistes * Chimistes Analytique

175 Boul. Industriel C.P. 284, Rouyn
Quebec, Canada J9X 5C3
PHONE: 819-797-1922 FAX: 819-797-0106

To: INMET MINING CORPORATION
C.P. 2187
1300 BOUL. SAGUENAY, SUITE 200
ROUYN-NORANDA, PQ
J9X 5A6

Project : 705-70-608-771
Comments: ATTN: MARC ANDRE LAROUCHE

Page Number :3
Total Pages :3
Certificate Date: 09-DEC-97
Invoice No. :19752411
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Account :HYA

CERTIFICATE OF ANALYSIS

A9752411

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm		
	LDX-S-201985	205	294	< 5	0.2	2	378	10	24	2	80	
LDX-S-211367	205	294	< 5	0.2	56	67	< 1	2	< 2	92		
LDX-S-211368	205	294	< 5	< 0.2	54	12	1	< 2	< 2	102		
LDX-S-211369	205	294	70	0.2	72	130	7	< 2	6	72		
LDX-S-211370	205	294	40	0.2	44	61	5	2	4	80		

CERTIFICATION: Hart Buchler



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
 129 AVE. RÉAL CAOQUETTE • C.P. 2283 • ROUYN-NORANDA • QUÉBEC J9X 5A9
 TÉL.: (819) 764-9108 FAX: (819) 764-4673

CERTIFICAT D'ANALYSE / CERTIFICATE OF ANALYSIS

R12079

Nom de la Compagnie / Company: INMET Corporation Miniere
 Bon de Commande No / P.O. No:
 Projet / Project No : 771
 Date Soumis / Submitted : Jun 25, 1997
 Attention : Marc-Andre Larouche

Jun 27, 1997

No. D'Echantillon Sample No.	AU PPB	AU CHK G/T	AU CHK G/T
211361	415		
211362	602		
211363	>1000	1.44	
211364	>1000	1.34	
211365	>1000	2.47	2.40
211366	236		

Certifie par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)



LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / A DIVISION OF SGS CANADA INC.
129 AVE. RÉAL CAQUETTE • C.P. 2283 • ROUYN-NORANDA • QUÉBEC J9X 5A9
TÉL.: (819) 764-9108 FAX: (819) 764-4673

voire réf: 771

notre réf: 15796/R12079

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

07-Juillet-97

INMET, CORPORATION MINIÈRE
1300, BOUL. SAGUENAY
SUITE 200
C.P. 2187
ROUYN-NORANDA, QC
J9X 5A6
ATTN: MARC-ANDRÉ LAROUCHE

Date soumis/Submitted: Le 25 Juin, 1997

No d'échantillons: 6

no de pages: 04

ÉLÉMENTS

MÉTHODE

LIMITE DE DÉTECTION

31 elements scan

aqua/regiaICP

Certifié par/Certified by:



J.J. Landers Gérant/Manager



XRAL**XRAL Laboratories**
A Division of SGS Canada Inc.

Work Order: 015796

Date: 07/07/97

FINAL

Page 1 of 3

Element. Method. Det. Lim. Units.	Mo ICP70 1 ppm	Sb ICP70 5 ppm	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm
211361	12	<5	2.4	0.04	1.22	0.92	0.08	0.06	2.08	3.1	0.02	51	128	510
211362	16	<5	0.8	0.05	0.69	0.47	0.05	0.05	0.82	2.5	0.05	39	134	248
211363	5	<5	1.7	0.03	2.98	1.81	0.03	0.55	2.42	15.7	0.14	216	52	1130
211364	9	<5	1.2	0.03	2.03	1.28	0.03	0.16	2.79	15.8	0.17	266	49	1120
211365	9	<5	2.2	0.03	1.77	1.45	0.11	0.04	5.08	5.8	0.02	64	75	1290
211366	4	<5	1.7	0.03	2.49	2.03	0.03	0.02	5.63	13.1	0.04	137	95	1210

JUL-07-97 MON 01:34 PM XRAL LABORATORIES

FAX NO. 4184454152

P. 02/04

XRAL**XRAL Laboratories**

A Division of SGS Canada Inc.

Work Order: 015796

Date: 07/07/97

FINAL

Page 2 of 3

Element. Method. Det.Lim. Units.	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm
211361	2.44	12	36	892	78.3	<3	214	9.0	19.8	0.6	<1	<10	391	22.9
211362	1.81	6	29	1780	39.2	<3	147	4.9	27.7	1.1	<1	<10	342	22.7
211363	5.64	35	40	1850	258	<3	86.0	6.7	7.2	3.3	<1	<10	198	12.6
211364	6.28	31	35	1900	213	<3	105	8.1	8.0	3.1	<1	<10	130	25.4
211365	3.34	24	34	3000	118	<3	128	11.1	9.3	1.4	<1	<10	259	18.1
211366	4.29	31	54	1730	194	<3	128	5.7	1.0	0.8	<1	<10	65	4.6

JUL-07-97 MON 01:34 PM XRAL LABORATORIES

FAX NO. 4164454152

P. 03/04

XRAL**XRAL Laboratories**

A Division of SGS Canada Inc.

Work Order: 015796

Date: 07/07/97

FINAL

Page 3 of 3

Element.	W	Pb	Bi
Method.	ICP70	ICP70	ICP70
Det.Lim.	10	2	5
Units.	ppm	ppm	ppm
211361	<10	6	<5
211362	<10	5	*INF
211363	<10	4	*INF
211364	<10	4	*INF
211365	<10	5	*INF
211366	<10	6	*INF

JUL-07-97 MON 01:35 PM XRAL LABORATORIES

FAX NO. 4164454152

P. 04/04



Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) W9880.00089 Assessment Files Research Imaging



41P15NE2003 2.18159 FLAVELLE 900

f subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the eview the assessment work and correspond with the mining land holder. 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.

2.18159

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

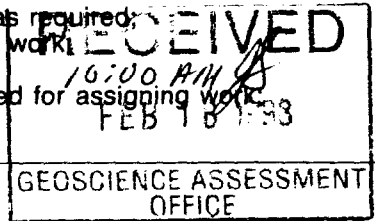
Name: INMET MINING CORPORATION, Client Number: 169899, Address: SUITE 3400, AETNA TOWER, P.O. BOX 19 TORONTO DOMINION CENTER, TORONTO, M5K 1A1, Telephone Number: (416) 361-6400, Fax Number: (416) 368-4692

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: DIAMOND DRILLING, Office Use, Commodity, Total \$ Value of Work Claimed: 54,056, Dates Work Performed: From 10/11/97 To 22/11/97, Mining Division: Larder Lake, Resident Geologist District: Kirkland Lake

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 CORPORATION, Telephone Number: (819) 764-6666, Address: 1300, BOUL. SAGUENAY, C.P. 2187, Name: SUITE 200, ROUYN, QUÉBEC, J9X 5A6, Telephone Number: (819) 764-6404, RECEIVED LARDER LAKE MINING DIVISION FEB 18 1998

4. Certification by Recorded Holder or Agent

I, BERNARD BOILEY, 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: Bernard Boiley, Date: 02/12/98, Agent's Address: INMET MINING, 1300 BOUL. SAGUENAY, SUITE 200 ROUYN-NORANDA, P.Q., J9X 5A6, Telephone Number: 819-764-6666, Fax Number: 819-764-6666

1/2

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W9880.00089

eg	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	1132183	1	4612 \$	0	0	4612 \$
2	1132184	1	15131 \$	0	0	15131 \$
3	1132188	1	34313 \$	0	0	34313 \$
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
Column Totals			54056 \$	0	0	54056 \$

I, BERNARD Bailey, 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

Bernard Bailey

RECEIVED
10:00 AM
FEB 16 1998
Date: 02/12/98
GEOSCIENCE ASSESSMENT OFFICE

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):

RECEIVED
LARDER LAKE
MINING DIVISION

FEB 13 1998

1162

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

May 12, 1998

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

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

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.18159

Status

Subject: Transaction Number(s): W9880.00089 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.

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 Bruce Gates by e-mail at gatesb2@epo.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18159

Date Correspondence Sent: May 12, 1998

Assessor: Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00089	1132183	CAIRO, FLAVELLE	Deemed Approval	May 12, 1998

Section:

16 Drilling PDRILL

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Bernard Boily
ROUYN-NORANDA, QUEBEC

INMET MINING CORPORATION
TORONTO, Ontario

NOTES

40' surface rights reservation along the shores of all lakes and rivers.

The subdivision of this Township into lots and concessions is partially annulled, December 3rd 1963

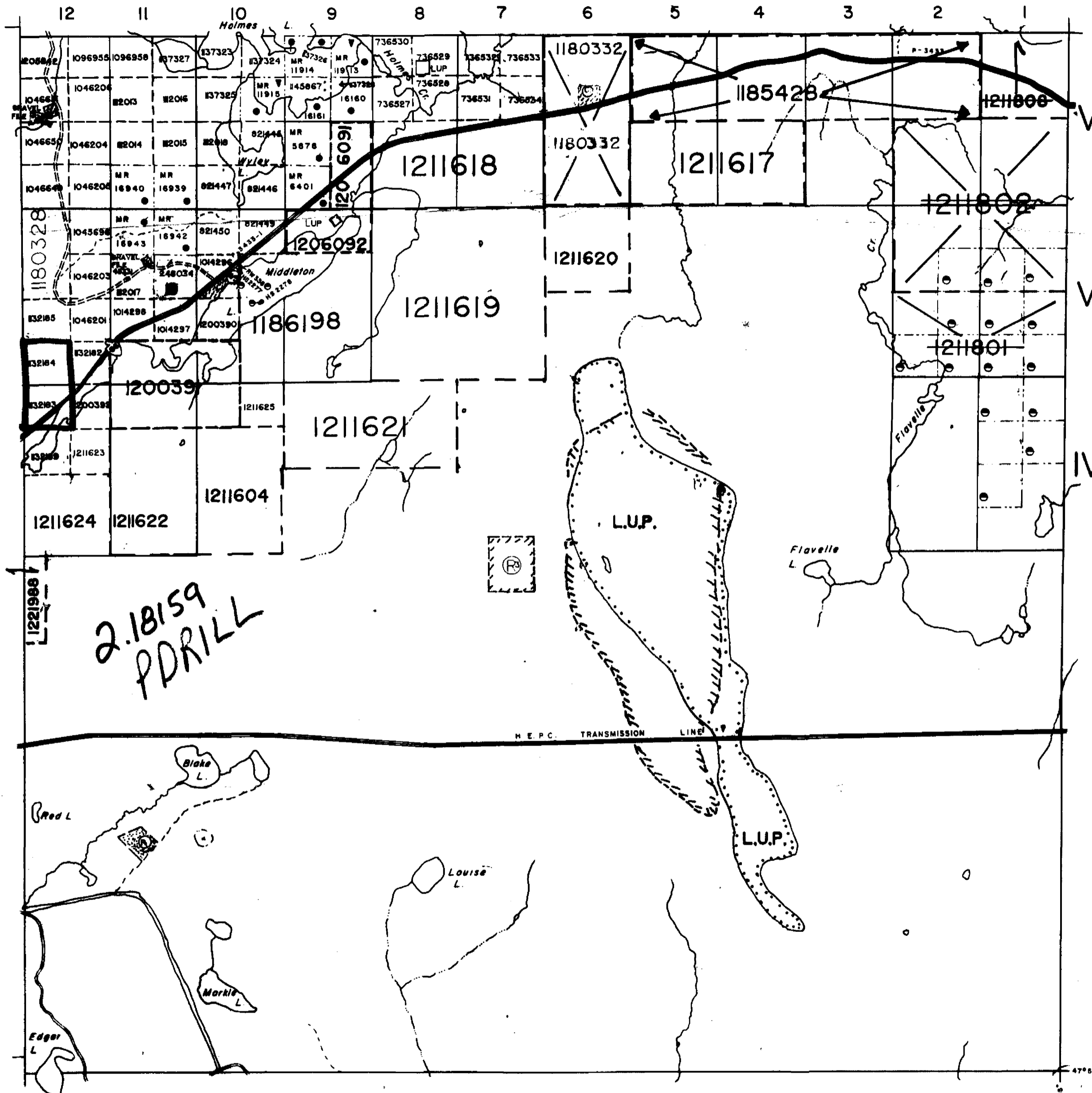
① M.T.C. GRAVEL PIT 203.

③ M.T.C. PIT 1394.

① SURFACE AND MINING RIGHTS WITHDRAWN FROM STAKING, SECTION 36/80 ORDER NO. W93/84, 8/6/1984.

③ SURFACE RIGHTS WITHDRAWN FROM STAKING, SECTION 3(B) AUGUST 13, 1987.

CAIRO Tp. M. 210



WILLISON Tp. M. 259

GROSS Tp. M. 487

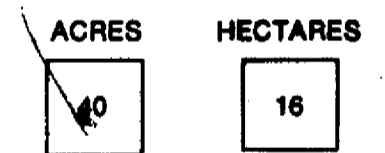
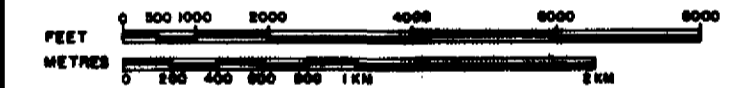
LEGEND

- 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
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

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	▼
CROWN LAND SALE	C.S.
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊖
SAND & GRAVEL	⊕

SCALE: 1 INCH = 40 CHAINS



NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE PLOINSKI MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P. O. BOX 129 SWASTIKA, ONTARIO POK IT0 (705)642-3222

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.

TOWNSHIP
FLAVELLE
DISTRICT
TIMISKAMING
MINING DIVISION
LARDER LAKE

Ministry of Natural Resources
Ontario Surveys and Mapping Branch

Date Feb '73 Plan No. **M. 220**
Whitney Block Queen's Park, Toronto

DATE OF ISS
APR 0 6 1998
PROVINCIAL RECORD OFFICE - SUDBURY

CIRCULATED OCTOBER 19, 1994



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File
(R1)	SEC. 36, 460	N.W. 65/85	NOV. 19, 1983	M.S. 1989
(R1)	MINING & SURFACE RIGHTS REOPENED TO PROSPECTING, SALE OR LEASE. ORDER O-L-10/95, PREVIOUSLY WITHDRAWN UNDER ORDER W 65/83.			
(R2)	Mining and Surface Rights Withdrawn Order No. W-L-17/95 Dated March 30, 1995. Previously withdrawn under Order NWR 65/83.			

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.

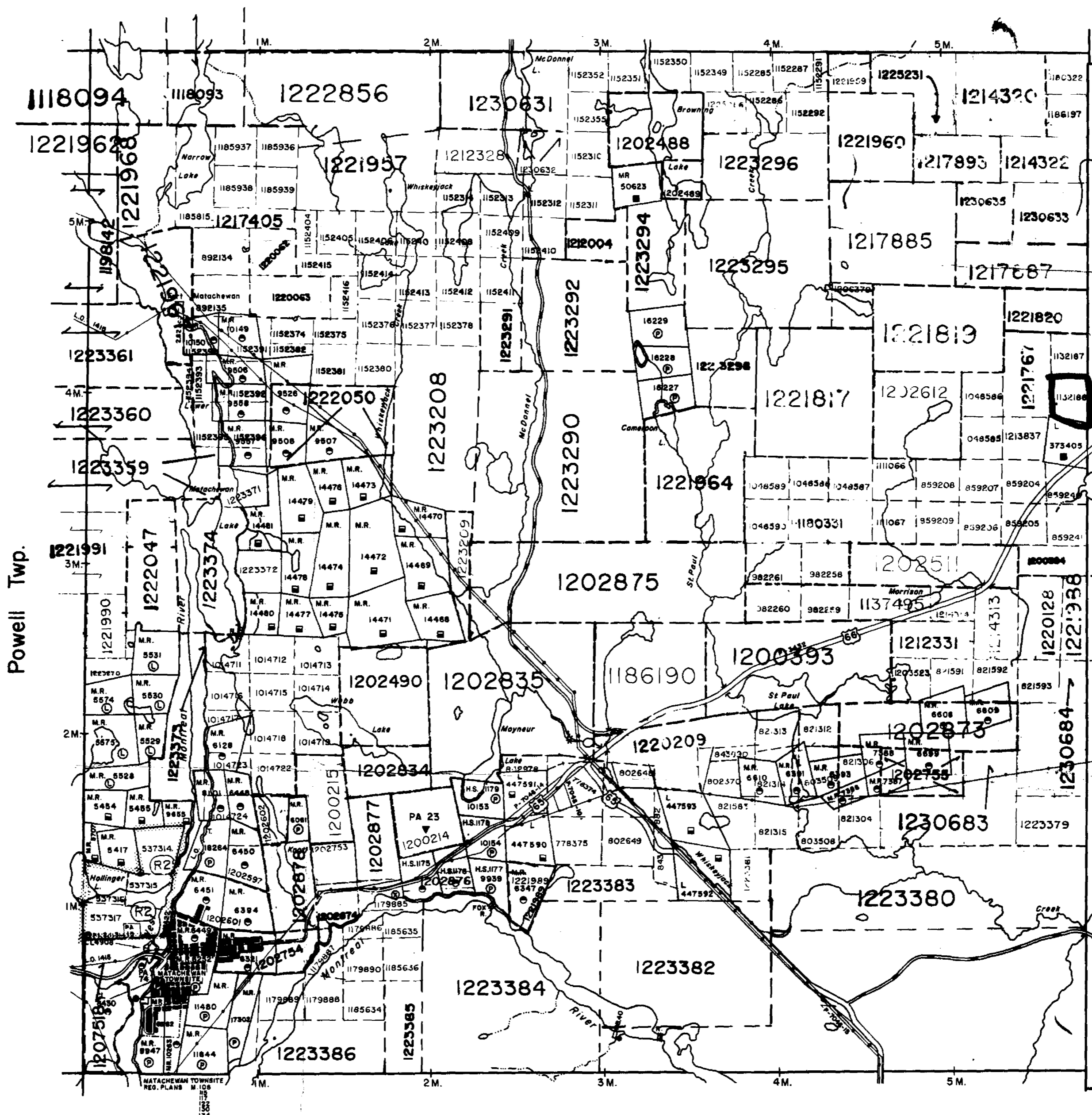
NOTES

LUP - LAND USE PERMIT

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE PLONSKI FOREST MANAGEMENT UNIT AND MAYBE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTIKA, ONT. POK 1T0 705-642-3222

Alma Twp.



2. 10159 PDRILL

LEGEND

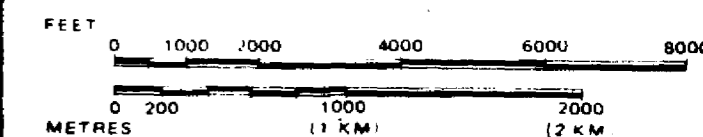
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- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHT
- 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	⊙ or ●
" SURFACE RIGHTS ONLY	○ or ○
" MINING RIGHTS ONLY	○ or ○
LEASE, SURFACE & MINING RIGHTS	□ or □
" SURFACE RIGHTS ONLY	□ or □
" MINING RIGHTS ONLY	□ or □
LICENCE OF OCCUPATION	L.O. or ▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊙
CANCELLED	⊙
SAND & GRAVEL	⊙

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63 SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP

CAIRO

M.N.R. ADMINISTRATIVE DISTRICT
 KIRKLAND LAKE
 MINING DIVISION
 LARDER LAKE
 LAND TITLES / REGISTRY DIVISION
 TIMISKAMING

Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

Date: JULY 1986 Number: **G-3209**

ARCHIVED JAN. 1987





- Légende**
- GÉOLOGIE**
- Volc : Roche volcanique
 - Fels : Felsique
 - Sed : Sédiment
 - Con : Conglomérat
 - Bas : Basalte
 - Rhy : Rhyolite
 - Syn : Syénite
 - Gab : Gabbro
 - Bas : Basalte
 - Man : Mafic
 - Encl : Enclave
 - Cox : Cocon
 - Sch : Schiste
- MINÉRAUX et ALTERATIONS**
- Vx : Vésine
 - QZ : Quartz
 - Pur : Porphyrique
 - FK : Feldspath potassique
 - Mg : Magnésite
 - Sir : Séricite
 - Ank : Ankerite
 - Cl : Chlorite
 - Ep : Epidote
 - Am : Amphibole
- MINÉRALISATION**
- Py : Pyrite
 - Pp : Pyrrhotite
 - Cp : Chalcopyrite
- STRUCTURE**
- Cu : Cisaillement photo-interprété
 - Ca : Cisaillement
 - Fa : Faltation schisteuse
- AUTRE**
- For : Forage par percussion - Texas Gulf inc
 - Rp : Route principale
 - CS : Chemin secondaire (accès forestier)
 - Sc : Sentier, chemin d'hiver
 - M : Marécage



LES MINES INMET CORPORATION MINIERE INMET
 100% DÉPENDANCE QUÉBÉC DIVISION EXPLORATION

PROPRIÉTÉ : **WEST KIRKLAND**

CARTE GÉOLOGIQUE

PN-770, 771, 773, 775

Interprété par : A.J. STE 1996 Dessiné par : J.M.B. 02-02-98

Modifié par : M.A.L. 02-02-98 Claim

E.N.R.C. 41P 10.16 - 42A 1.2 No plan

Projection : UTM FZSAD 17 NAD 83 Fichier dwg : MATA_10.DWG



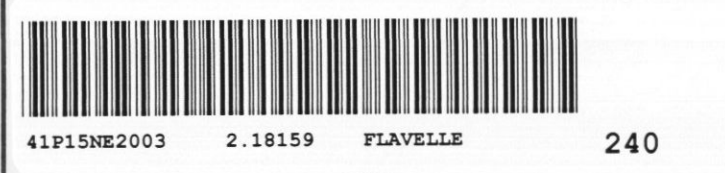
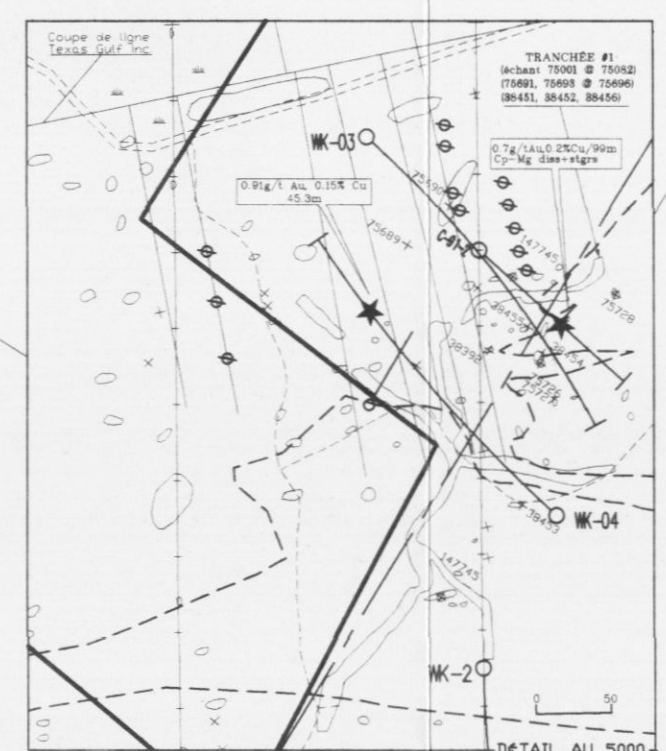
2.18159

LES MINES INMET CORPORATION MINIERE INMET
 DIVISION RECHERCHE ZEEBC DIVISION EXPLORATION
 PROPRIÉTÉ : WEST KIRKLAND
 CARTE DE CLAIMS
 PN-770, 771, 773, 775
 Scale: 1:1000
 100 0 200 400m

Interprété par	A.J. ESTE 1996	Dessiné par	J.M.B. 02-02-98
Modifié par	M.A.L. 02-02-98	Claim	
S.N.C.	412 P 1516 - 424 L 2	No. plan	
Projection	UTM FUSEAU 17 NAD 27	Fichier dng	MATA_10.DWG

Légende

- ★ Indice
- Echantillon "Trave" or
- Echantillon "Litho"
- Affaissement
- Forage par percussion - Texas Gulf inc.



2.18159

LES MINES
INMET CORPORATION MINIERE INMET

PROPRIÉTÉ : WEST KIRKLAND

TRANCHÉES, ÉCHANTILLONS, INDICES

PN-770, 771, 773, 775

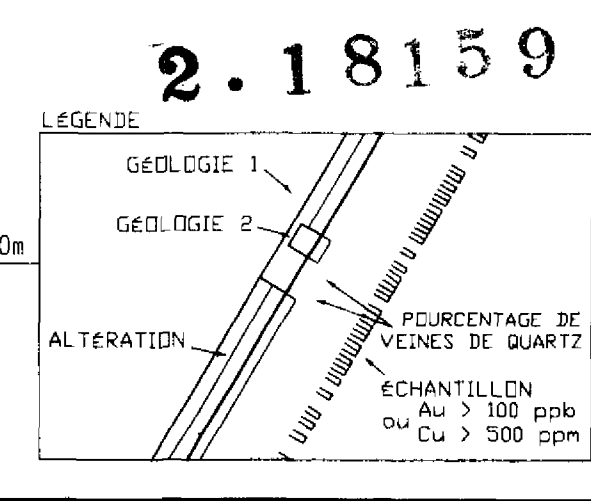
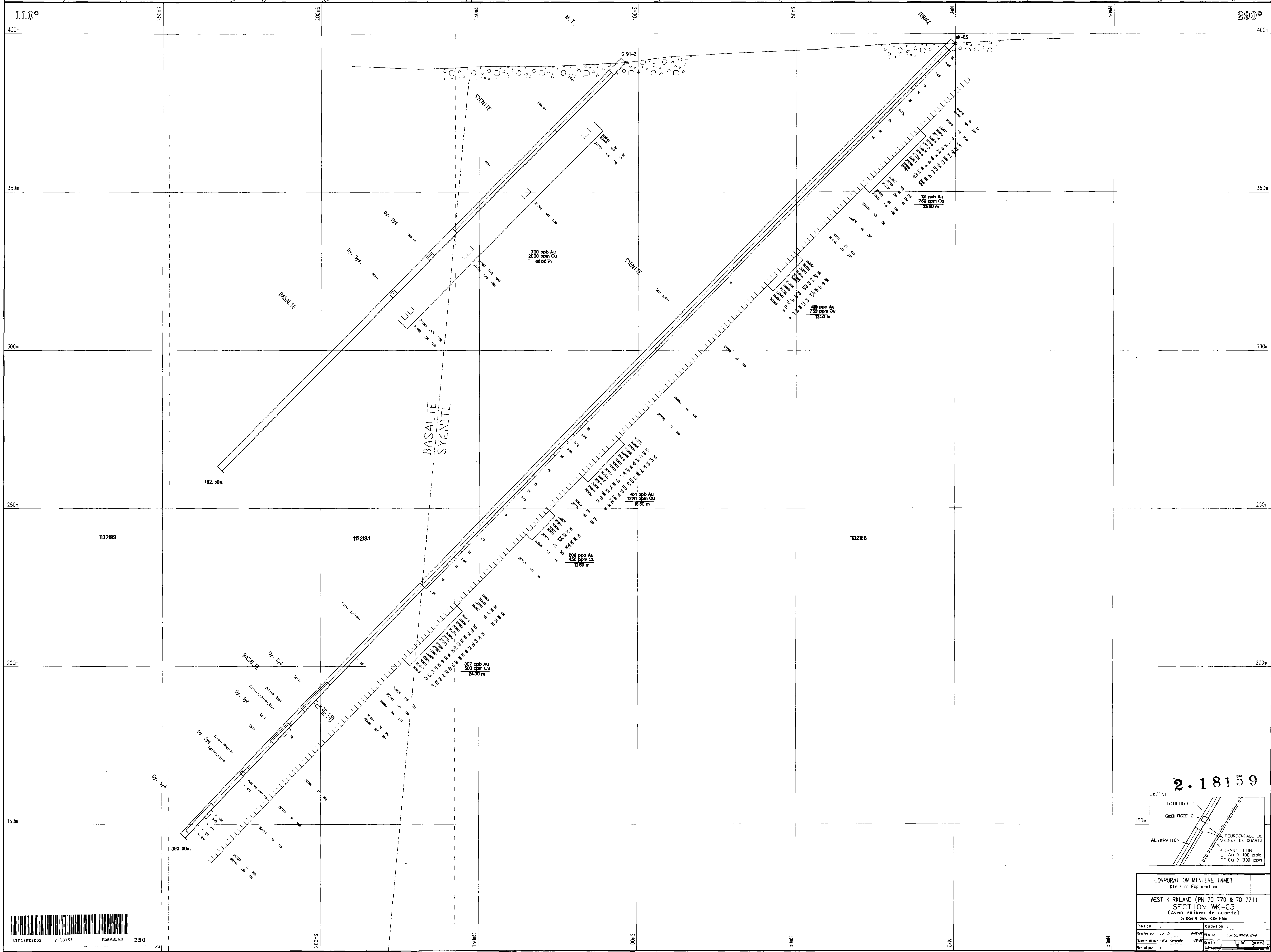
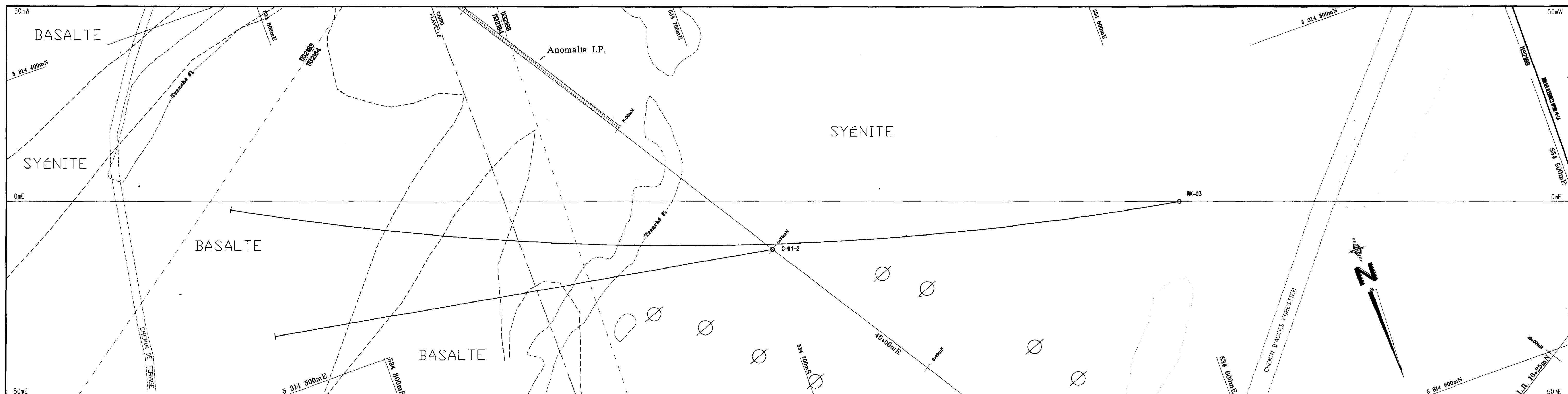
Interprété par : A.F. STE 1996 Dessiné par : J.M.B. 02-02-98

Modifié par : M.A.L. 02-02-96 Clém

S.N.R.C. 41° 15.16 - 42A L.2 No plan

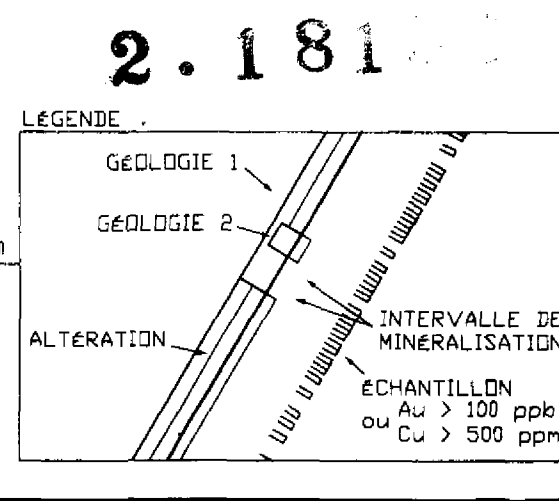
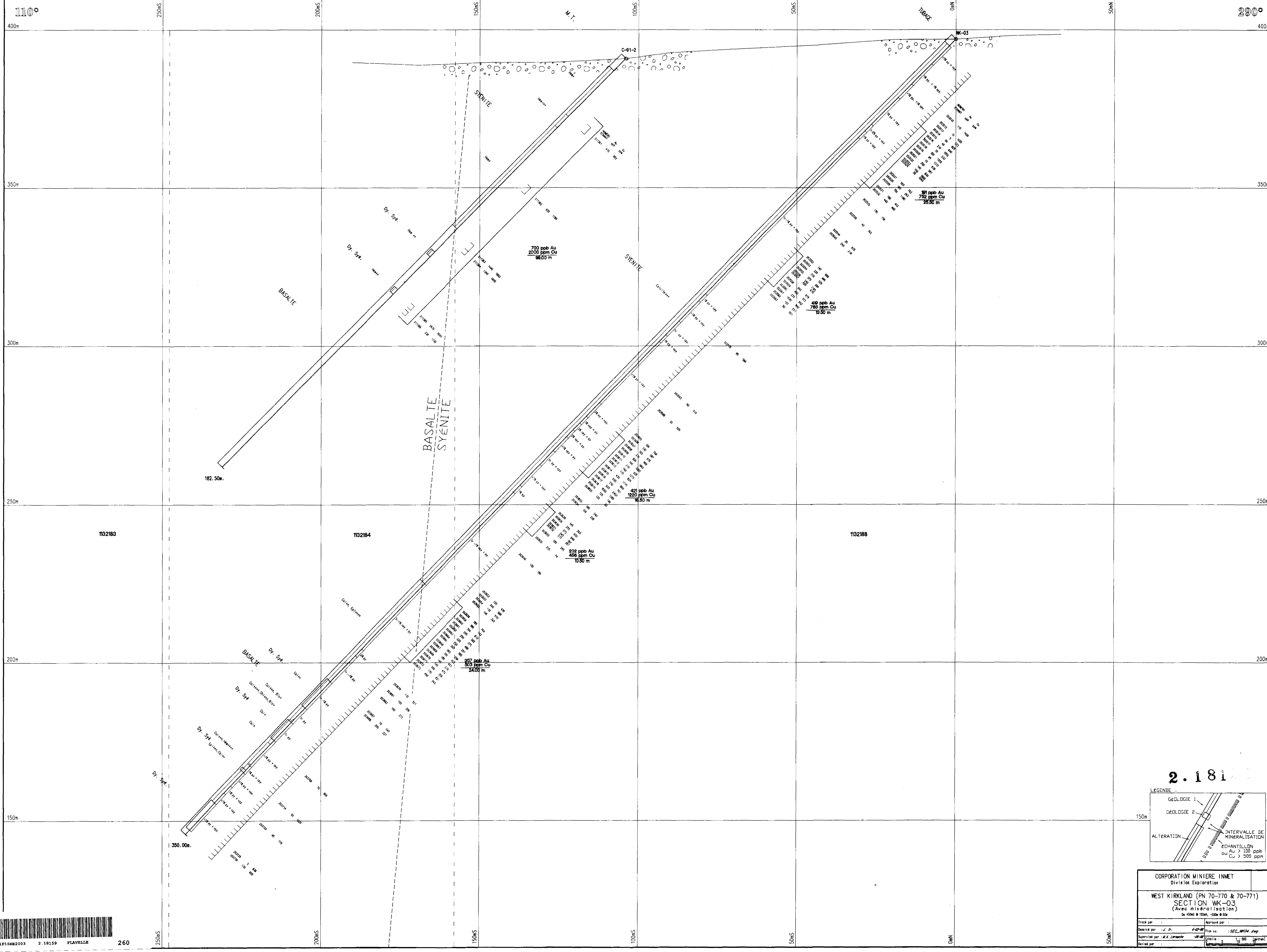
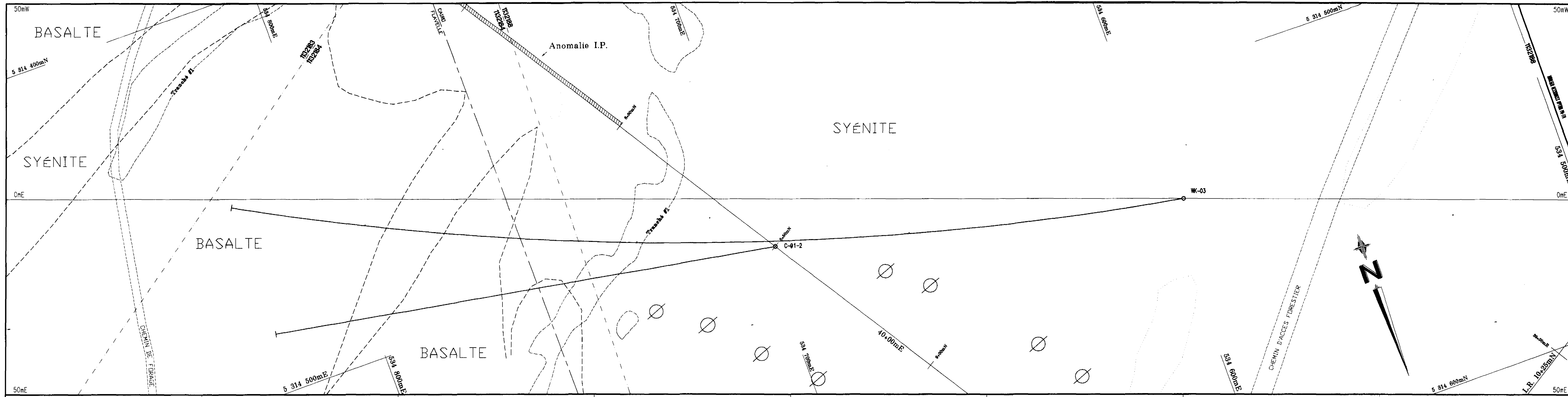
Projection : UTM FUSEAU 17 KAD 27 Fichier dwg MATA_10.DWG



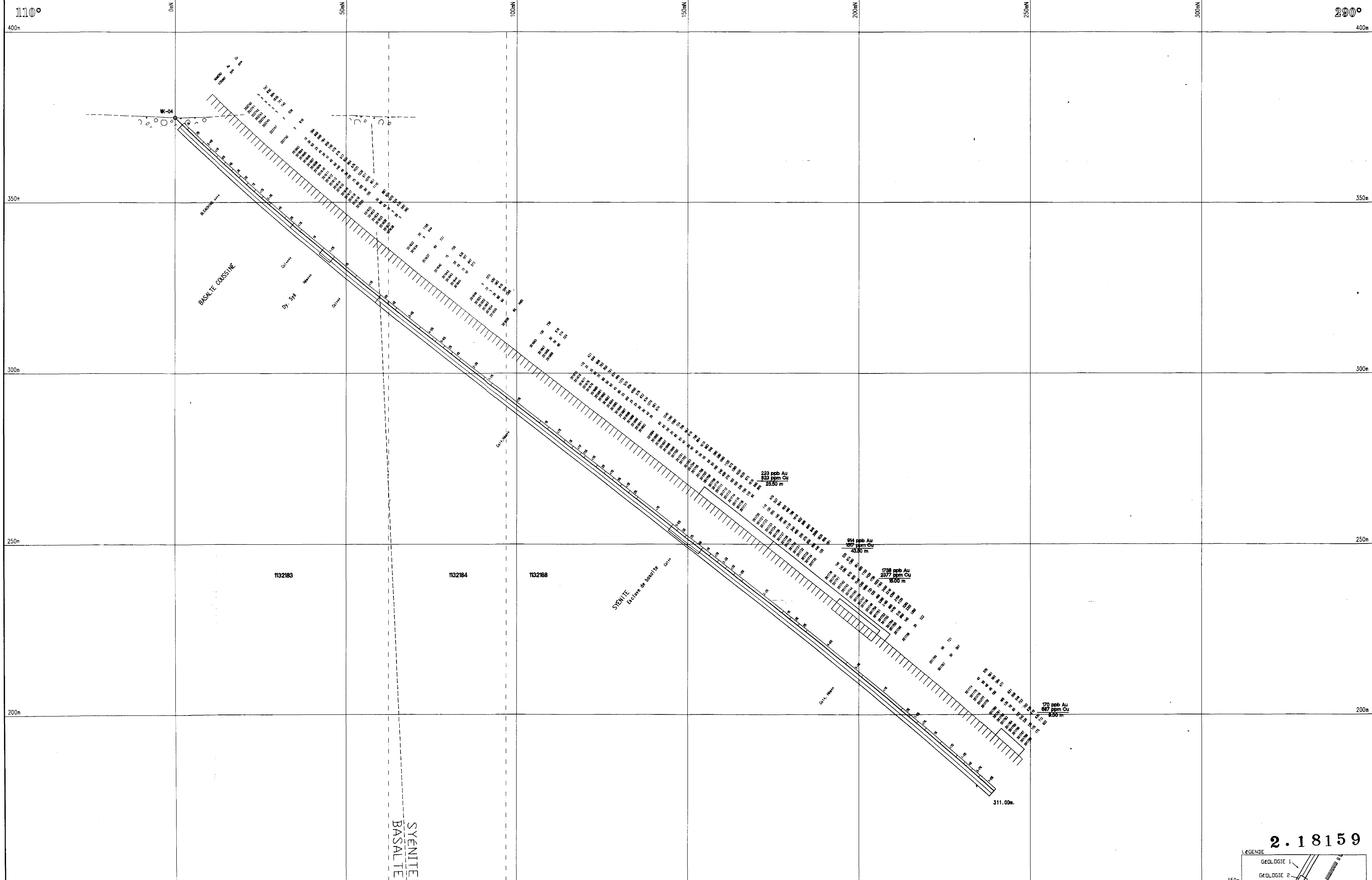
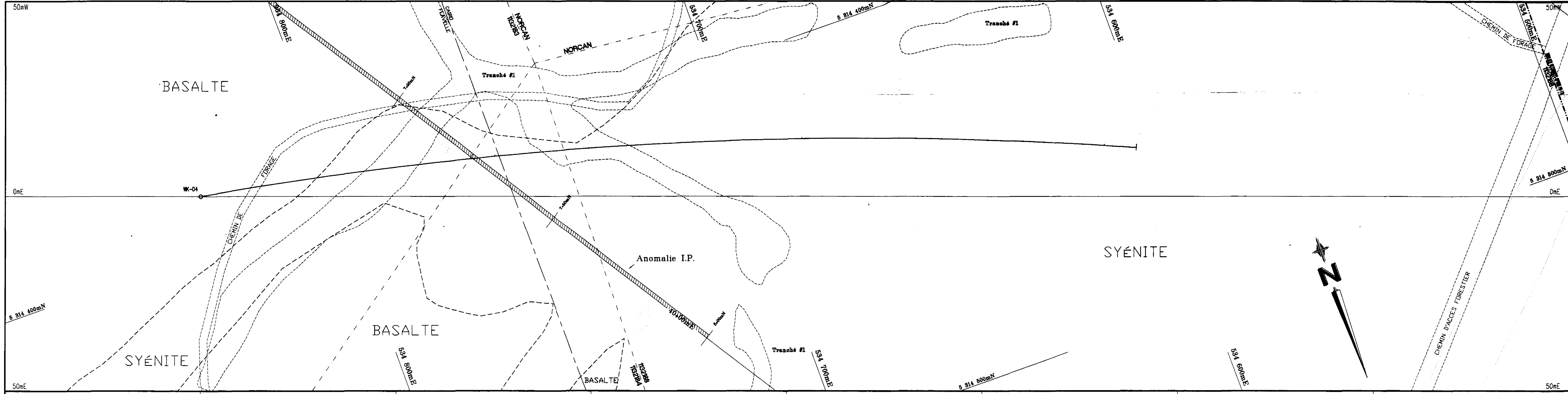


2.18159

CORPORATION MINIERE INMET Division Exploration	
WEST KIRKLAND (PN 70-770 & 70-771) SECTION WK-03 (Avec veines de quartz) de 40m x 10m, 40m x 10m	
Tracé par: J. D.	Approuvé par: SEC. MIN. / J. D.
Date: 14/01/03	Echelle: 1:500 (général)
Dessiné par: M. Carrière	Date: 14/01/03



CORPORATION MINIERE INMET Division Exploration	
WEST KIRKLAND (PN 70-770 & 70-771) SECTION WK-03 (Avec mineralisation)	
Dessiné par : J.L.P.	Approuvé par : S.E.C. M.M.C. d'exp.
Supervisé par : M.A. Lavoie	Échelle : 1:500 (verticale)
Date : 2008	



2.18159

LEGENDE

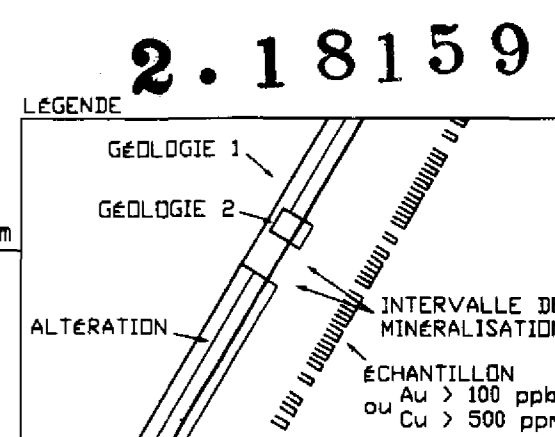
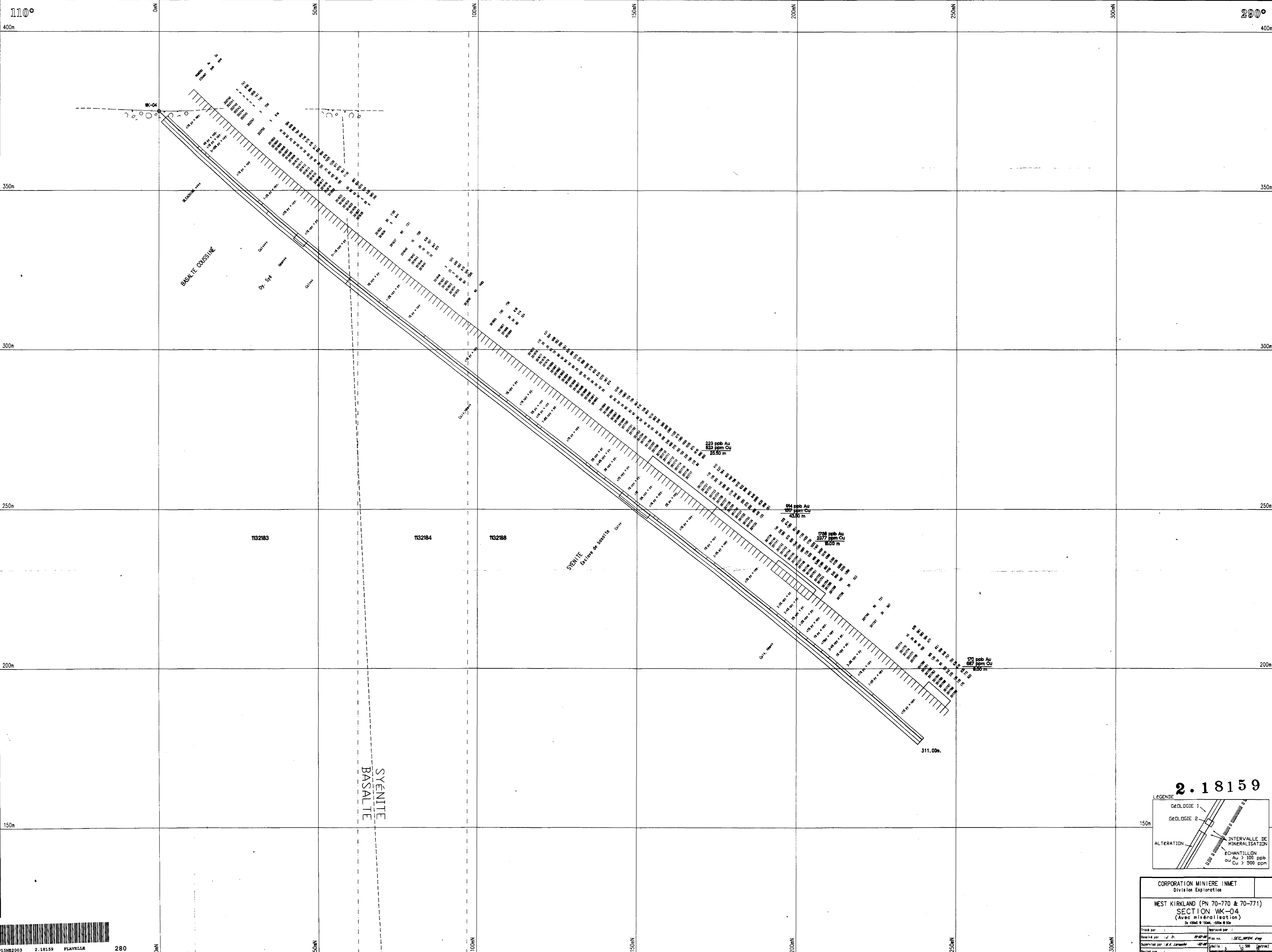
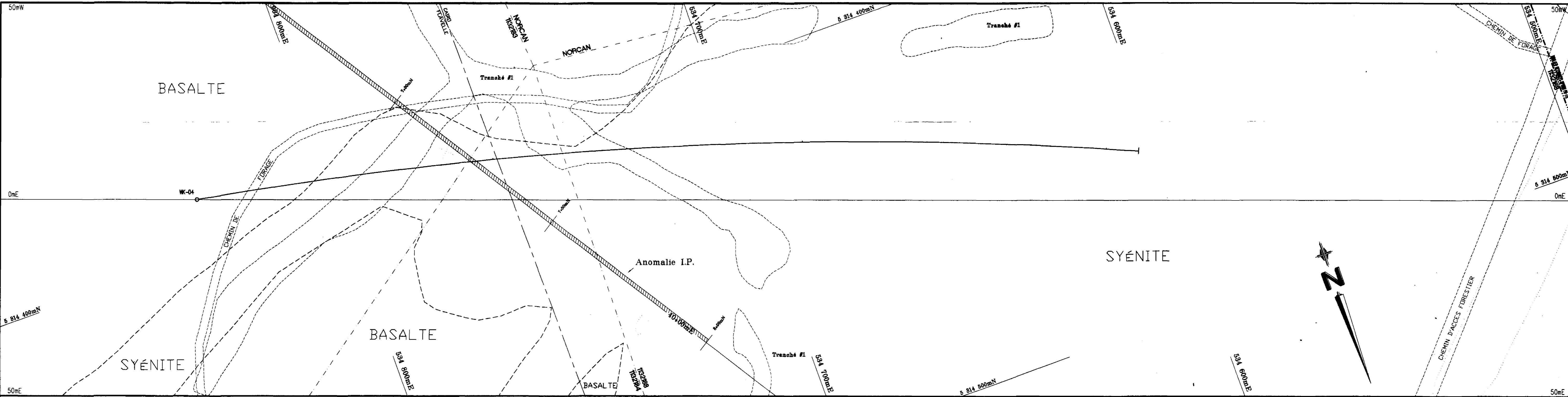
- GEOLOGIE 1
- GEOLOGIE 2
- ALTERATION
- POURCENTAGE DE VEINES DE QUARTZ
- ECHANTILLON ou Au > 100 ppb ou Cu > 500 ppm

CORPORATION MINIERE INMET
Division Exploration

WEST KIRKLAND (PN 70-770 & 70-771)
SECTION WK-04
(Avec veines de quartz)

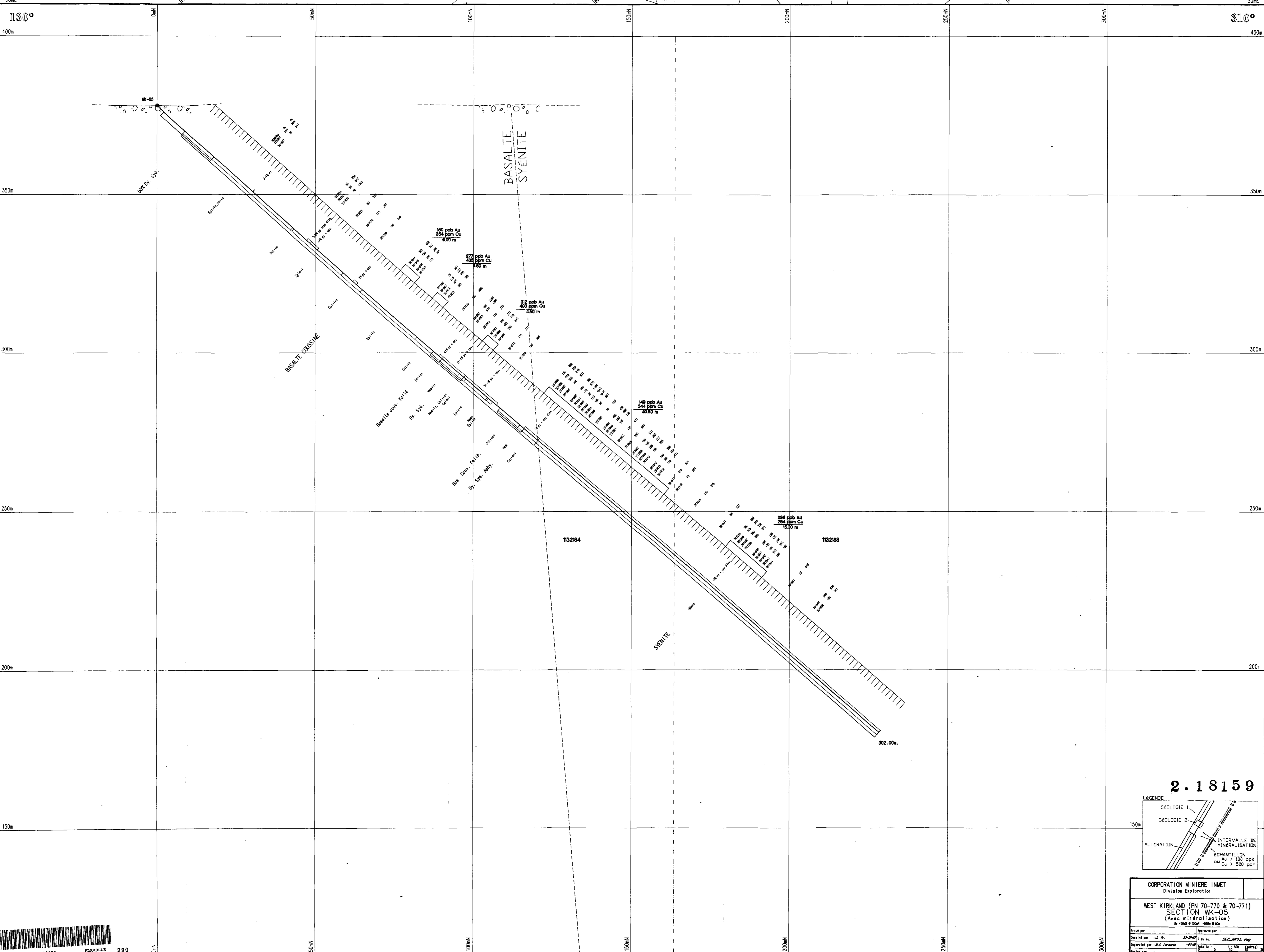
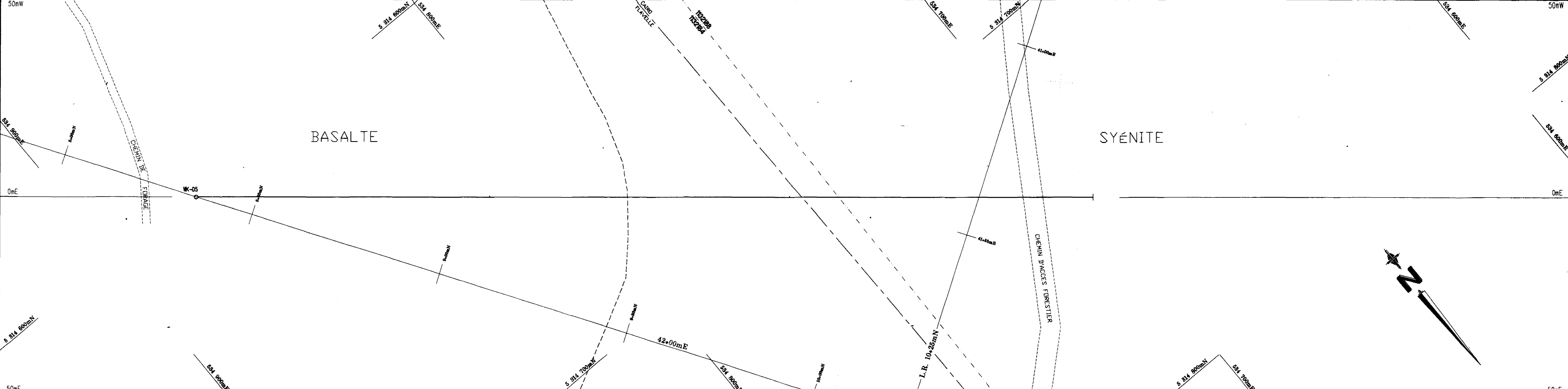
Tracé par : J. J. Lavoie
Supervisé par : J. J. Lavoie
Revisé par : J. J. Lavoie

Imprimé par : J. J. Lavoie
Échelle : 1:500



2.18159

CORPORATION MINIERE INMET Division Exploration	
WEST KIRKLAND (PN 70-770 & 70-771) SECTION WK-04 (Avec minéralisation)	
Drawn par: J. P.	Approuvé par: J. SEC. MPM, dnp
Revised par: J. P.	Scale: 1:500



2.18159

LEGENDE

GÉOLOGIE 1

GÉOLOGIE 2

ALTERATION

INTERVALLE DE MINÉRALISATION

ECHANTILLON
 Au > 100 ppb
 Cu > 500 ppm

CORPORATION MINIERE INMET
 Division Exploration

WEST KIRKLAND (PN 70-770 & 70-771)
 SECTION WK-05
 (Avec minéralisation)

Scale: 1:50000

