

# GM 49451

GEOLOGICAL REPORT, MACAMIC HIGHWAY (PN 004)

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Énergie et Ressources  
naturelles

Québec 

**GEOLOGICAL REPORT**  
LOTS 8 - 16 EAST RANGE, MACAMIC HIGHWAY

**MACAMIC HIGHWAY (PN 004)**

**CANTON DUFRESNOY**

MINNOVA  
SERVIZI TIPOLOGICI MINIERI  
BUREAU DE QUÉBEC  
90 FEU 28 14 21

Ministère de l'Énergie et des Ressources  
Service de la Géoinformation  
Date: 30 MAI 1990  
No G.M. 49451

**REÇU LE**  
**16 FEV 90**  
SERVICE GÉOLOGIQUE DU NORD-OUEST  
ROUMANIA

**K. M. McCOLL, MSc.**  
**October, 1989**

01764  
90-054-014

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## 1. INTRODUCTION

### 1.1. Property Location and Access

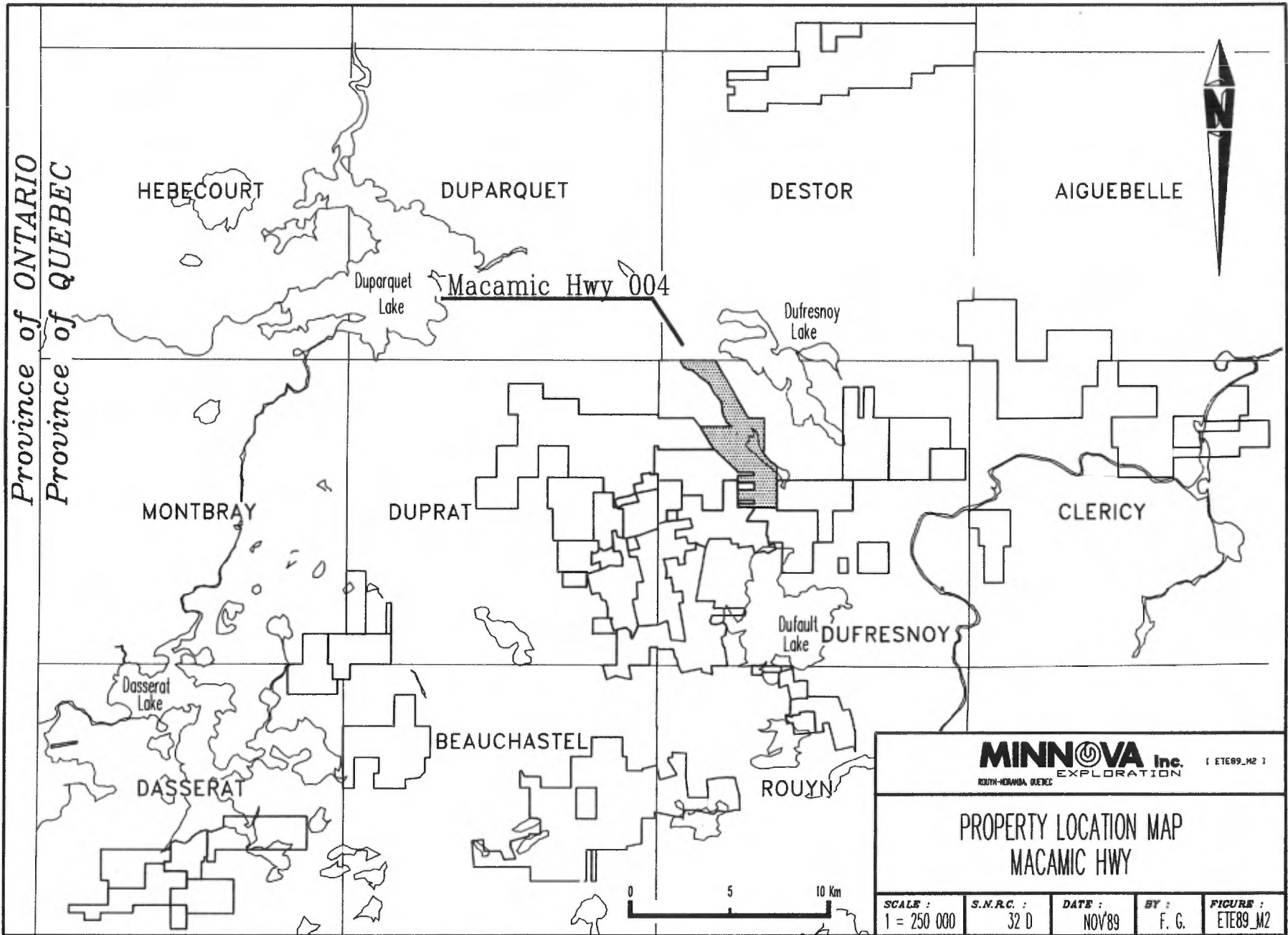
The Macamic Highway property covers 62 claims in Dufresnoy Township adjacent to Highway 101 in the vicinity of the village of D'Alembert (Fig. 1). The property is located approximately 5 km northwest of Minnova's Lake Dufault Division Norbec site. Access to the property is extremely easy year-round from Highway 101 and by numerous private secondary roads and trails leading from it.

### 1.2 1989 Field Season

Mapping and lithogeochemical surveys were completed over a 24 km grid of cut lines on 9 claims (Macamic Highway East, lots 8-16) during May, June and July of 1989 (Fig 2). These claims, numbered:

467408	-1,-2	467409	-1,-2	467410	-1
465910	-1,-2	465911	-1,-2		

were staked by Minnova in April 1988. The objective of the surveys was to begin detailed and systematic geological and geochemical coverage of these newly acquired claims and to commence a more regional compilation of the stratigraphy in Minnova's properties north and east of the main Noranda Camp.



Province of ONTARIO  
Province of QUEBEC



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EXPLORATION  
ROUYN-NORMANDIE, QUEBEC

PROPERTY LOCATION MAP  
MACAMIC HWY

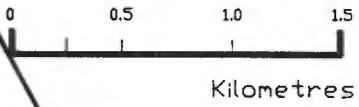
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Canton de DESTOR,  
Canton de DUFRESNOY

Lac  
Dufresnoy



- 8 467 408 - 1
- 9 467 408 - 2
- 10 467 409 - 1
- 11 467 409 - 2
- 12 467 410 - 1
- 13 465 910 - 1
- 14 465 910 - 2
- 15 465 911 - 1
- 16 465 911 - 2



Lac  
D'Alenbert

**MINNOVA** Inc.

MACAMIC HIGHWAY - 004 -

SCALE :	S.N.R.C. :	DATE :	BY :	FIGURE :
GRAPHIC		MARS '89	J. Tr.	MAR89-A3

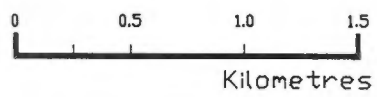
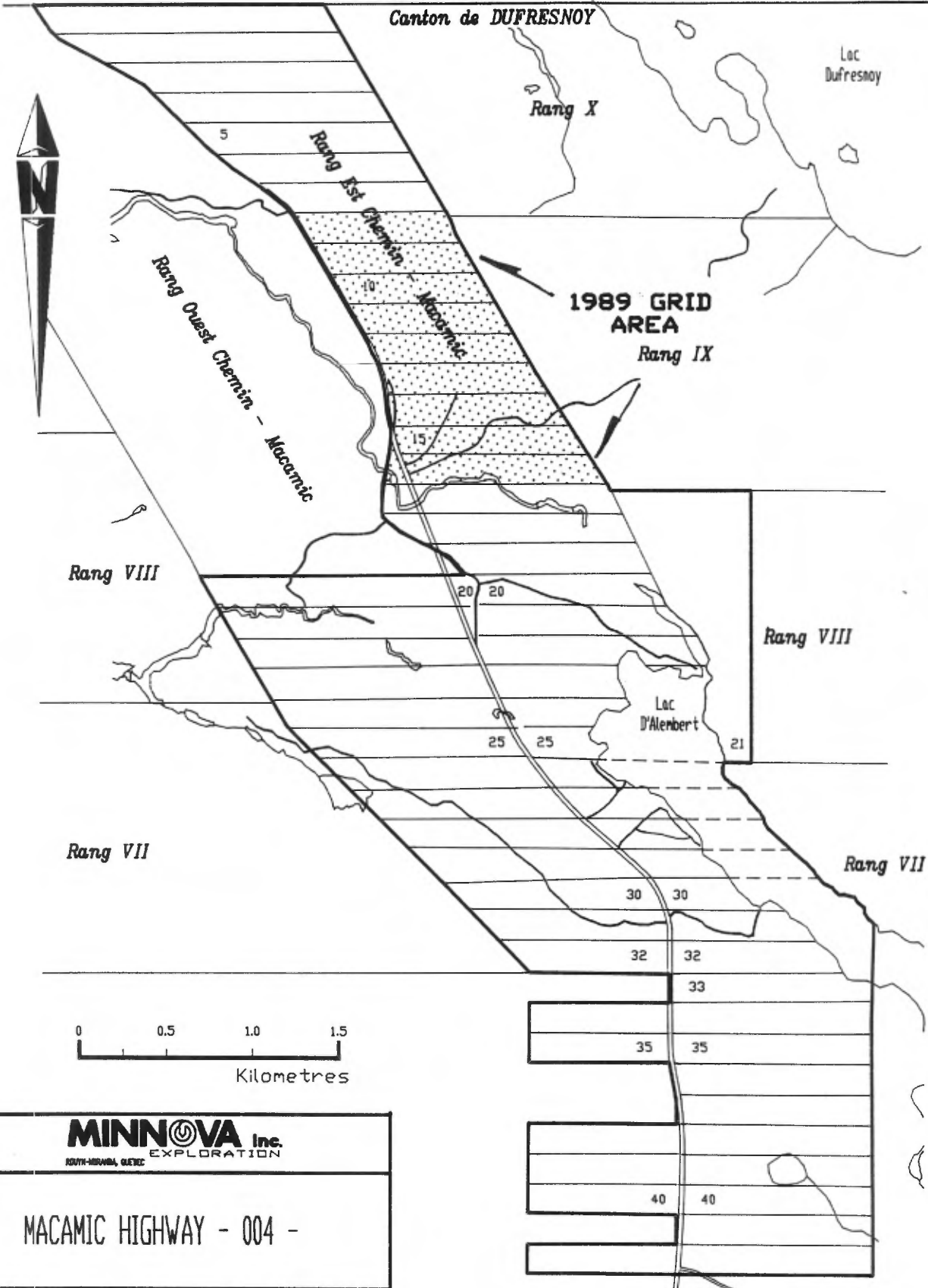
Mapping and sampling was completed by K. M. McColl M. Sc. and M. Lacey at a scale of 1:2,000 with air photographs and cutline used as controls. A total of 289 rock samples were taken (spaced approx. 50-75 m) during 23 field days. The samples were analysed for Cu, Zn, Ag, Au, FeO, MgO, CaO, Na<sub>2</sub>O, K<sub>2</sub>O, SiO<sub>2</sub>, TiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, MnO and Ni by Metriclab Inc.

The 1989 study area on the Macamic Highway property is underlain by a thick sequence of steeply dipping southwesterly facing, massive to pillowed andesites including at least two rusty horizons. Elevations on the property range from 950m along the highway to just over 1150m along a NW trending ridge in the northern part of the map area. Outcrop exposure in this northern half of the map area is very good. The central map area is low and swampy, with little outcrop. Outcrop exposure in the southern half of the map area, where elevations range from 950-1050m is less than 30%.

### 1.3 Previous Work on the Map Area

Very little previous work has been recorded for lots 8-16, Macamic Highway Range East. Minnova completed a Magnetometer survey over the 24km grid in the spring of 1989 (Goutier, NTS file) after acquiring the property in 1988. Prior to Minnova, the ground was held by Michel Allard CEGEP Professor, College D'Abitibi Temiscaminque. Evidence of detailed studies, probably student exercises, is present on outcrops with details

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MINN-HORAWA, QUÉBEC

MACAMIC HIGHWAY - 004 -

ECHELLE : GRAPHIC	APPROUVÉ : 	DATE : NOV'89	PAR : F. G.	FIGURE : ETE89_M1
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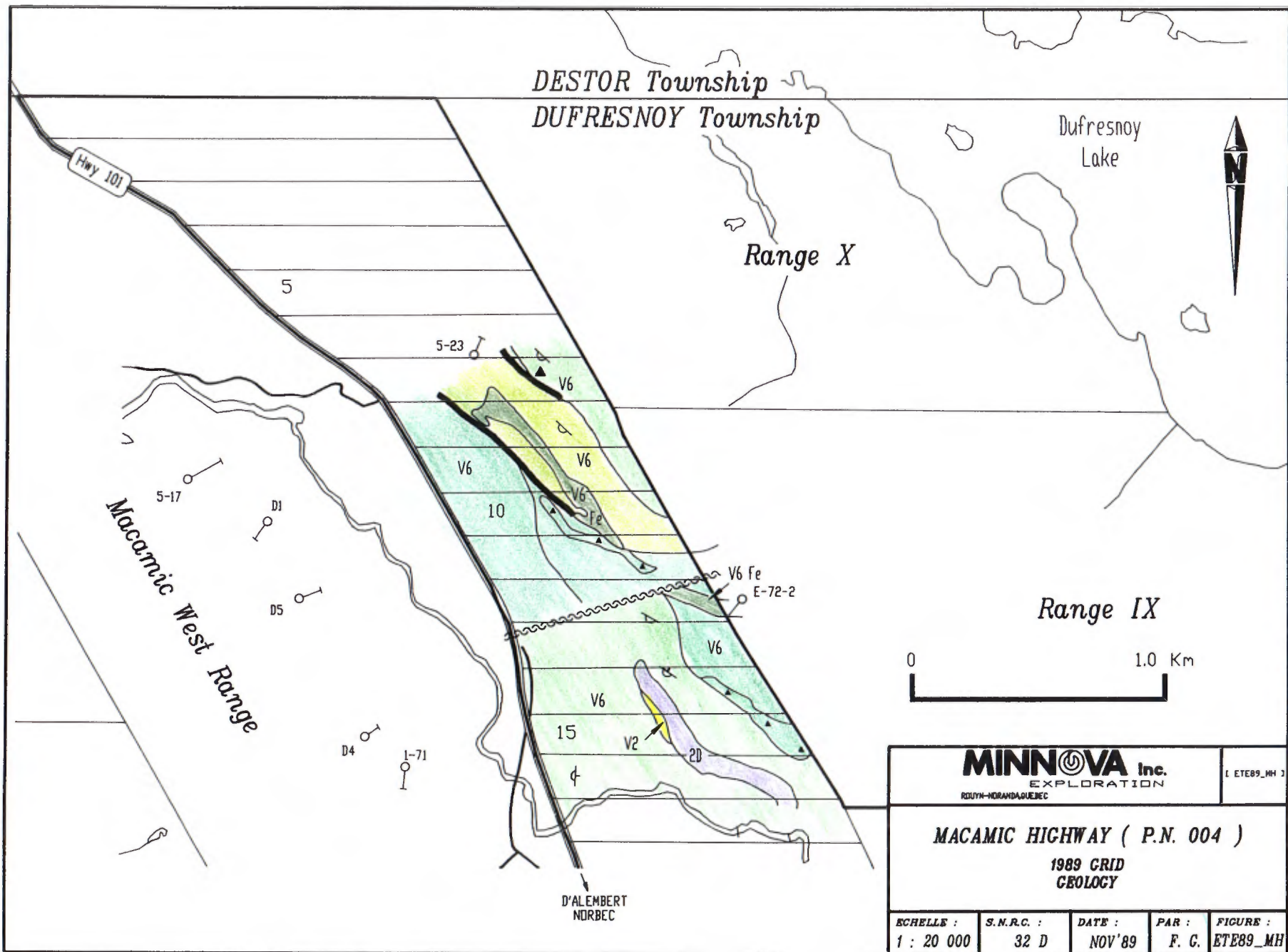
General geology of the area is included on the MER Government Compilation 1:20,000 (1977) and in the regional studies by Trudel and Gelinas (Trudel, 1978; 1979; Gelinas et al, 1983) in the late 70's. More detailed geological examination of the property was made in the 60's by Norque Copper Mines (GM 13762) and a government survey (GM 10999).

There is no record of drilling on the grid area, although what appears to be an old drill set-up was discovered on L19+00N 1+20W. Stratigraphy adjacent to the study area has been tested by several companies. Norque Copper Mines drilled one hole (S-23; GM 12763) north of line 22+00N on lot 7 and Eastgate Minerals drilled hole E-72-2 (GM 27603) just east of lot 12 (Fig. 3). In 1983, Odyne Minière Inc. operated a drill program (GM 40621) on claims immediately west of the map area.

## 2. GEOLOGY

### 2.1 Introduction

The map area (Fig.4, in pocket) is underlain by a thick sequence of steeply dipping southwesterly facing massive to pillowed andesites. The intermediate flow sequence is intruded at a low angle by a diorite dyke and an Fe-rich andesite dyke in the north and south halves of the map respectively. Correlation between the northern and southern halves of the map is difficult. Outcrops in the poorly exposed south west corner of the map are interpreted to represent the youngest intermediate flow series, fault separated from and not represented in the northern half of the map. Rhyolite occurs only rarely as blocks in a blocky tuff unit, as a thin flowbanded ribbon in the southern map area and in the uppermost NW corner of the map. The andesitic pile contains at least two semi-conformable rusty horizons separating the northern sequence into three major units. Rusty pillowed andesite are separated from 'dacitic' massive to pillowed flows by a possibly tuffaceous rusty chert. These lighter green 'dacitic' flows are topped by a cherty rusty horizon separating them from the overlying altered andesites.



## 2. 2. Unit Descriptions

### 2.2.1 INTRUSIVE ROCKS

The intermediate volcanic sequence in the map area is cut by two major and several minor intrusives of andesitic to dioritic composition. These northwest-trending intrusives generally parallel the foliation cutting the stratigraphy at a small angle. A fine grained Fe-rich dyke occurs in the north center of the map area (Fig.4) and a coarse grained diorite in the south center. Small, more felsic, and often porphyritic dykes, up to 2m wide, cut the volcanic rocks in numerous locations.

#### 1. Diorite

A northwest trending (130°) diorite intrusive, 500m x 100m wide outcrops in the south center of the map area (lines 5+00 to 8+00N, 3+00 to 4+00W) (Fig. 4). The diorite intrudes a series of andesitic flows, and on its southern contact cuts a thin flow-banded rhyolite. Quartz veins are common along the southern contact and rusty volcanic rocks along the contact often contain fine disseminations of pyrite and more rarely chalcopyrite. Cu values of up to 933ppm were obtained from samples along this contact. The diorite forms a prominent ridge with approximately 50m of relief in the generally flat southern half of the map.

Medium grained diorite is green and white and weathers a mottled rusty buff. The intrusive is most often feldspar

porphyritic and contains several phases of varying grain sizes. Feldspars may show epidote alteration and locally chlorite, epidote and carbonate are present. Chemical analyses from diorite samples have average contents of 48.3% SiO<sub>2</sub>, 6.9% FeO, 0.45% TiO<sub>2</sub> and Ni contents of 242 ppm. Al<sub>2</sub>O<sub>3</sub> and MgO may be as high as 14.0 and 16.0% respectively.

## 2. Felsic Intrusions

Numerous small dykes 1-2m wide exposed for lengths of 10 to 100 metres cut the volcanic rocks across the entire study area. The porphyritic dykes weather buff to olive green, are dark grey, aphanitic to fine grained and contain up to 50% feldspar phenocrysts. The feldspar crystals range in size from 2 to 50 mm and may show alteration to epidote. Chloritic clots (mafic phenocrysts ?) 3-4mm are present in quantities of less than 5%. Over widths of 2-5m the dykes may show a distinctive gradation from a highly porphyritic center (+50% phenocrysts) to an aphyric, aphanitic, siliceous chilled margins (L9+00N 4+50W).

## 3. Fe-Rich Andesite

A distinctive fine grained Fe-rich andesite unit, interpreted as a dyke cuts the volcanic sequence in the center of the northern grid area. The unit is exposed along the ridge top for a length of 850m, trending 150°, with a width varying

from 400 to 120m. The contacts with the volcanics are steep (85°), may be sheared, and are frequently marked by the presence of massive white quartz.

Fe-rich andesite weathers a distinctive dull kakhi to black and is dark black-green on the fresh surface. The weathered surface is very thick, and a fresh surface is often difficult to obtain. The massive unit is fine grained, may very rarely be medium grained and contain feldspar phenocrysts of less than 1mm. Rarely the unit is locally vesicular or contains quartz amygdules. Quartz-epidote veining and alteration is common. Flat-lying massive white quartz veins occur within the unit and at the margins. Thin chlorite veins may be present and rusty patches are frequently observed throughout the unit. Analyses from samples indicate an average content of 54% SiO<sub>2</sub>, 1.55% TiO<sub>2</sub> and 15% FeO. Zinc values are higher than average for the other units and range from 150-200ppm to a high of 493ppm.

### 2.2.2 VOLCANIC ROCKS

The map area is underlain predominately by a series of intermediate flows which may be divided into at least five major interfingering units distinguished by their appearance and location in the field, structures and chemistry. Correlation between units in the northern and southern parts of the map area is difficult, primarily due to limited exposure in the south. Tentatively the flows in the southern map area are interpreted to

represent a younger succession that is offset and separated by an E-W fault (070°) occurring along line 12+00N and 11+00N.

Distinction between units in the field was made between white weathering blocky fractured flows referred to as dacite (V4) and chloritic rusty green weathering units, often containing epidote, that were frequently foliated, referred to as andesites (V6). Geochemical analyses indicated all the units are andesitic in composition. Compared to average Noranda Camp andesites (deRosen-Spence, 1976) the units are lower in SiO<sub>2</sub> and higher in FeO and TiO<sub>2</sub> content (Table 1). The mapped field units proved to be chemically distinctive, although units mapped as 'dacitic' uniformly contained lower values of SiO<sub>2</sub> than the 'andesitic' units. A rhyolite flow occurs at the base of the sequence in the NE corner of the map and another as a very thin inter-andesite flow close to the diorite intrusive.

The intermediate flow sequence is made up of variably vesicular to amygdaloidal massive to pillowed flows with minor flow breccias. Flow contacts are usually sharp, may be brecciated and are often marked by quartz and epidote alteration. Flows in the southern map area are predominately massive and those in the northern half are pillowed.

#### 1. Southern Intermediate Flow Series

The poorly exposed southern map area is underlain mainly by

a series of intermediate flows over a width of at least 900m which is divided into at least seven chemically distinct interfingering flow units 100-150m thick. These flows have lower average SiO<sub>2</sub> content than units in the rest of the map area (Table 2). The flows are mostly massive, dark green, fine grained, feldspar porphyritic andesite. Less than a quarter of the flows are pillowed. Two of the flow units weather white to grey, have a distinctive blocky fracture and may contain disseminated pyrrhotite. Chemically, these lighter coloured flows have lower SiO<sub>2</sub>, FeO and TiO<sub>2</sub> contents than the other units.

The flow units strike 130°-160° dipping 30 to 80° NE. Indications of facing is limited, however, where present in pillowed units tops are to the southwest. From west to east the seven main flow units are:

1. Pillowed to massive andesite (V60) with up to 25% black chlorite and/or quartz amygdules 1-3mm in size.

2. A fine grained, dark green, rusty weathering pillowed to brecciated flow with low SiO<sub>2</sub>, high FeO and high TiO<sub>2</sub> (>2%) composition. Epidote and chlorite alteration are common. Chlorite and carbonate amygdules, 3mm in size may be aligned by foliation. Disseminated pyrite and very rarely disseminated grains of chalcopyrite occur.

3. Massive, white-weathering unit with low SiO<sub>2</sub> and FeO content, TiO<sub>2</sub> content less than 1% and abundant quartz veining. Individual flows may be approximately half a meter wide.

4. Massive to brecciated white weathering, light blue-green unit with <10% feldspar phenocrysts, occasionally, 5%, <1mm quartz phenocrysts, and chloritic amygdules <1mm in size. Minor pyrite and disseminated pyrrhotite are present.

5. Massive, feldspar porphyritic (up to 20%), Fe-rich flows, with thin interflow rhyolite and possibly intermediate tuff. Carbonate, and epidote alteration are present as well as quartz veins and disseminated pyrite.

6. Pillowed to massive, feldspar porphyritic vesicular flows with <5%, 1mm chlorite amygdules, epidote and quartz in fractures and at flow contacts.

7. Massive to pillowed, high FeO (12%) and high TiO<sub>2</sub> (>2%) flows each 10 to 20m thick. Quartz and chlorite amygdules, 3mm, up to 5%. Quartz and epidote and locally carbonate alteration.

## 2. 'Altered Andesite'

The 'Altered Andesite' units, exposed over a width of at least 150m, extends across the map sheet from the NW to the SE corner. It is made up of two members; a light coloured, quartz amygdular massive to possibly pillowed unit which occurs only in the north west corner, and a second member characterized by white weathering pillows surrounded by green chloritic selvages and an associated white fragment breccia. The unit strikes generally 135°, dipping 40 to 65 degrees NE. It is often marked by a strong northwest-trending foliation dipping 75 to 80° NE. The 'Altered Andesite' overlies a low TiO<sub>2</sub> andesite (V4). The contact is marked by a rusty cherty horizon dipping 60 to 85° NE. In the southern map area the 'altered andesite' unit is overlain by the lowermost, Fe-TiO<sub>2</sub> rich flow of the intermediate flow series.

The upper member (indicated as V3 on the map) weathers white-green to buff with variable rusty patches. It is light green, aphanitic and vesicular up to 20%. Quartz amygdules, 1 to 3mm in size are present from 2 to 10%. Chlorite amygdules, 2mm and larger (4mm) white opaque amygdules are both present up to 5%. A fine siliceous mm-scale banding representing concentric onion skin fracturing within pillows is often present. Quartz-epidote bands are common, as are epidote filled fractures and quartz veins.

The 'white pillow member' includes a pillowed flow, a white fragment breccia, a white ribbon unit which occurs between the two, and a chloritic schist. The pillows are well formed and generally 60x90 cm in size. The cores are altered to a white-buff colour. Distinct green selvages form 15 to 20% of the rock and are composed of quartz, chlorite and epidote. The pillows are vesicular or may contain quartz and chlorite amygdules. Concentration of the vesicles indicates tops to the south west. The white ribbon unit is interpreted to be large fragments of broken white pillows surrounded by a green chlorite matrix.

White fragment breccia is a thick, unsorted breccia with moderately to closely packed green chloritic fragments and angular white fragments 5-20cm. The white fragments may be vesicular or feldspar porphyritic. The green matrix weathers recessively, foliation wraps around the fragments, and may contain chlorite, feldspar phenocrysts, minor epidote and carbonate. The white fragment breccia occurs at the base, within or at the top of the white pillow unit and may contain cherty and tuffaceous beds.

### 3. Dacite

The buff-weathering unit referred to as dacite in the field is made up of an upper pillowed unit underlain by a feldspar porphyritic massive flow. The unit is restricted to the north-

central map area, outcropping for a width of 250m, striking approximately 120°, facing and dipping 60° to the SW.

The upper pillowed unit weathers buff to grey, is light green and fine grained. The pillows are very well formed, are relatively small and ball-shaped averaging 30 to 50cm in each direction. Vesicles, 5%, may be filled with quartz and locally chlorite. Quartz and epidote alteration is common. At the upper contact the large vesicles are filled with white quartz and/or black chert. Tops are indicated to the southwest by concentration of vesicles in rounded tops of pillows and consistent 'tails' of the pillows to the NE.

The massive porphyritic member contains less FeO and TiO<sub>2</sub> than the pillowed member. It weathers a mottled, sandy-textured, buff colour and is fine grained and light grey on the fresh surface. Feldspar phenocrysts, which may show some epidote alteration, are 1mm in size and present up to 5%. Chlorite amygdules, 1mm in size may occur in quantities less than 3%. Quartz-carbonate veins and disseminated pyrite may occur.

#### 4. Fe-rich Rusty Pillow Andesite

A rusty, dark green, iron-rich (average 12.36% FeO) pillowed unit outcrops in the northeast corner of the map area. A thickness of 260m is exposed along a northwest-trending strike length of 800m. The unit is made up of massive and pillowed

flows about 300 m thick. It faces and dips about 60° SW.

Large, well developed pillows range from 60x25cm, 100x60cm to 200x40cm, larger than pillows in other units. Selvages are rusty green and range from 10-20cm wide. Quartz amygdules, 5mm long, 5-10%, are concentrated at the top of a massive flow. A massive flow located between two pillowed flows has an irregular bottom contact and a flat top, which, with the concentration of vesicles along the upper contact supports facing southwest. An hyalo-clastic breccia made up of 30-50% fragments occurs within the pillowed unit. Epidote and chlorite are ubiquitous.

#### 5. Rhyolite

Rhyolite outcrops in only two local occurrences within the map area. In the northeast corner rhyolite occurs as a white-weathering vesicular, massive to brecciated flow underlying the rusty pillow unit. In the southern half of the map (L7+00N 4+20W) buff-white weathering, white-green, fine grained white-grey rhyolite, with occasional feldspar phenocrysts, occurs within andesite flows. Several blocks from the white fragment breccias have chemical analyses of rhyolite composition ( $\text{SiO}_2 > 70\%$ ,  $\text{TiO}_2 < .5\%$ ).

### 2.3 Structure

The favoured interpretation of structure for the map area describes a homoclinal panel, with a general strike of  $130^{\circ}$ , facing southwest and dipping steeply southwest to northeast. Indications for this facing are excellent in the northeast corner of the map and evidence becomes progressively weaker toward the south and west. Correlation of stratigraphy in the northern and southern parts of the map is poor. Shallow dips to the northwest occur in the south although tops are still indicated to be to the southwest. Folding of the sequence was rejected due to a general lack of penetrative foliation or repetition of distinguishable units, especially thick mafic flows. Some contacts appear folded on the map but these irregularities are believed to be caused by primary features associated with interfingering of flow sequences.

Regional foliation across the map is  $135^{\circ}$  dipping  $75^{\circ}$  to the northeast. Intrusions parallel this foliation. A major break is interpreted across the center of the map area ( $070^{\circ}$ , L11+00n, L12+00N). Minor vertical faults have an orientation of  $030^{\circ}$ .

## 2.4 Geochemistry

Rock chip samples of fresh surfaces, weighing about 500g each were analysed for: Cu, Zn, Ag, Au, FeO, MgO, CaO, Na<sub>2</sub>O, K<sub>2</sub>O, SiO<sub>2</sub>, TiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, MnO, Ni and L.O.I by Metrilib Inc. Samples taken in 1989 have the following numbers; GX20338-500, GX20502-550, GX2225-327. Six of the total 289 samples taken were from quartz veins or very rusty altered rock and were analysed only for Cu, Zn, Ag, and Au. Average values for SiO<sub>2</sub>, TiO<sub>2</sub> and FeO for the major map units are listed in Table 1. Analyses indicate andesitic composition for all the units, with the exception of two rhyolite occurrences. The andesites are distinguishable from each other by TiO<sub>2</sub> and FeO contents. Compared to average Noranda andesites the units in the map area are low in SiO<sub>2</sub>, and high in TiO<sub>2</sub> and FeO. Although in outcrop epidote and quartz alteration is ubiquitous, a preliminary scan of Na<sub>2</sub>O, K<sub>2</sub>O and MgO does not reveal the presence of a major alteration halo on the map area.

Table 1  
Macamic Highway 004  
Geological Report

Geochemical average values  
Summary of units in map area

	<u>SiO2%</u>	<u>TiO2%</u>	<u>FeO%</u>	<u>Ni ppm</u>
<b>Intrusives</b>				
1. Diorite	48.3	0.45	6.90	242
2. Felsic intrusives	58.1	1.02	5.85	33
3. Fe-Rich and	54.0	1.50	14.62	
<b>Volcanics</b>				
1. S. Int. Flows	52.2	1.64	9.77	
1.	54.8	1.72	9.15	
2.	50.9	2.35	10.75	
3.	49.2	0.74	6.98	
4.	51.9	1.26	8.72	
5.	53.6	1.70	11.03	
6.	53.7	1.52	9.53	
7. Fe-Tio2Rich	51.4	2.18	12.22	
2. "Altered Andesite"	56.4	1.68	9.33	
1. Qtz	56.4	1.49	8.54	
2. White Pillow	56.4	1.86	10.11	
3. "Dacite"	55.1	1.47	9.21	
1. Pillowed	55.4	1.91	10.40	
2. Massive	54.8	1.03	8.02	
4. Fe-Rich Rusty Pillow	56.0	1.99	12.36	
5. Rhyolite	71.0	0.44	3.90	
<b>AVERAGE NORANDA*</b>				
Andesite	58.3	1.26	8.85 (Fe2O3)	
Rhyolite	76.26	0.31	3.20 (Fe2O3)	

(\* de Rosen-Spence, 76)

## 2.5 Economic Mineralization

Across the map area, no anomalous values were obtained for ore minerals, and no visible concentrations of economic minerals were observed. The highest values for copper and zinc respectively were 933 ppm and 493 ppm. Mineralization was restricted to disseminated pyrite, occasional disseminated pyrrhotite and very rarely grains of chalcopyrite. This mineralization occurred at three main horizons:

- 1) Cu concentrations associated with the thin rhyolite band along the rusty southern contact of the diorite intrusion.

- 2) A rusty cherty contact between the 'white pillow' unit and the pillowed dacite. This horizon extends north beyond the grid as a rusty horizon within a pillowed unit at approximately 5+50 W. Because this rusty zone parallels the foliation and stratigraphic units change along its length it may be shear related mineralization.

- 3) Rusty selvages around large pillows in the northeast corner of the map and an overlying rusty cherty tuff at the top of that unit. A magnetic high anomaly exists along stike just north of the grid area

### 3. CONCLUSIONS AND RECOMMENDATIONS

A lack of visible surface evidence of concentrations of economic minerals, coupled with the absence of anomalous values from rusty zones that were sampled and little indication of alteration haloes of major elements, do not encourage more specific exploration within the map area. However, two rusty pyritic zones represent favourable geological horizons that extend beyond the map area to the north. Also encouraging for these northern extensions is the presence of a magnetic anomaly on strike with the underlying rusty Fe-rich pillows.

It is recommended to extend mapping and lithogeochemical coverage at the scale to the claims adjoining the 1989 map area to the north and south. Previous drilling of the stratigraphy both north and south of the map area is perhaps an indication that more significant targets will be encountered on these areas.

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ANNEXE

RESULTATS GEOCHIMIQUES

BANQUE DE DONNEES  
ECHANTILLONNAGE LITHOGECHIMIQUE ETE 1989

PROPRIETE:MACAMIC HWY 1

NUMERO D'ECHANT.	NUMERO LIGNE	DIR	EST	NORD	TYPE DE ROCHE	Cu ppm	Zn ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	L_O_I %	Ni ppm	COEF_ALT	Total %
20338	600	N	-400	580	AN	47	76	0.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
20339	600	N	-405	578	AN	46	115	0.7	4	13.25	5.48	5.03	2.52	0.06	51.10	1.27	14.98	0.16	2.34	32	1	99.49
20340	600	N	-399	579	VD	34	7	0.2	7	-	-	-	-	-	-	-	-	-	-	-	-	-
20341	600	N	-403	590	RH	4	37	0.3	4	4.22	1.32	4.07	4.68	0.28	70.20	0.58	12.76	0.07	1.35	4	1	99.53
20342	600	N	-399	600	DI	25	70	0.6	4	8.98	5.08	7.36	3.35	0.22	54.10	1.12	15.91	0.16	3.07	21	1	99.35
20343	600	N	-354	600	DI	16	29	0.4	5	6.85	17.18	8.38	0.56	0.19	44.50	0.22	15.62	0.11	6.13	463	2	99.74
20344	600	N	-400	550	DI	15	48	0.5	4	6.96	8.50	6.63	4.04	0.79	50.60	0.63	17.36	0.12	4.15	99	1	99.78
20345	500	N	-401	500	DI	19	54	0.6	4	7.41	6.42	5.97	4.55	0.30	56.30	0.67	15.19	0.14	2.75	64	1	99.70
20346	500	N	-407	497	RH	5	62	0.3	4	4.39	1.08	2.39	4.87	1.33	70.90	0.60	12.90	0.08	1.08	5	1	99.62
20347	500	N	-400	450	DI	12	28	0.4	4	6.55	13.15	9.45	0.74	0.20	48.90	0.28	15.54	0.11	4.66	289	2	99.58
20348	400	N	-399	399	DI	25	33	0.4	5	6.32	9.72	10.31	1.63	1.01	48.40	0.34	17.85	0.11	4.05	156	1	99.74
20349	100	N	-105	115	AN	4	43	0.3	4	8.90	3.51	7.67	2.37	0.09	62.80	1.30	9.99	0.19	2.88	22	1	99.70
20350	100	N	-48	75	AN	37	46	0.3	4	9.73	6.03	7.83	3.71	0.30	53.00	1.17	15.22	0.20	2.27	53	1	99.43
20351	100	N	-30	95	AN	76	79	0.5	4	10.86	3.95	7.92	2.24	0.22	55.60	1.88	13.69	0.15	2.89	22	1	99.40
20352	100	N	-115	3	AN	55	104	0.6	5	10.79	4.17	7.30	3.14	0.58	51.60	1.59	14.26	0.23	5.71	31	1	99.37
20353	100	N	-15	55	AN	63	102	0.6	4	12.35	3.48	6.86	2.97	0.88	51.20	2.20	16.25	0.22	3.37	25	1	99.78
20354	200	N	-225	225	AN	4	25	0.2	4	7.79	2.31	7.94	3.63	0.41	61.80	1.90	12.17	0.15	1.82	4	1	99.42
20355	300	N	-240	252	AN	12	65	0.3	4	12.10	3.28	7.76	2.30	0.45	57.50	1.86	11.60	0.29	2.66	6	1	99.80
20356	200	N	-50	240	AN	34	72	0.3	4	9.29	4.43	5.54	3.87	0.38	54.80	2.20	15.71	0.20	2.98	24	1	99.40
20357	200	N	-20	225	AN	25	102	0.3	5	7.05	1.67	6.30	3.56	1.13	61.40	0.90	14.62	0.14	2.77	12	1	99.54
20358	300	N	-10	255	AN	20	91	0.3	4	5.22	0.98	5.40	4.00	1.42	64.80	0.63	13.84	0.13	3.33	8	1	99.75
20359	200	N	-10	205	DI	9	42	0.2	5	3.73	1.03	5.74	4.31	0.85	68.80	0.37	11.90	0.08	2.83	4	1	99.64
20360	300	N	-303	293	DI	9	32	0.4	4	6.79	16.21	8.21	1.03	0.31	45.60	0.28	15.51	0.11	5.60	405	2	99.65
20361	300	N	-300	300	DI	12	34	0.4	5	6.10	12.52	8.53	1.45	0.58	45.60	0.34	19.38	0.11	5.02	258	2	99.63
20362	300	N	-360	350	DI	18	29	0.4	5	6.43	14.09	8.95	0.89	0.37	45.90	0.30	17.38	0.12	3.38	313	2	99.81
20363	300	N	-440	305	AN	11	45	0.4	4	7.35	6.26	8.67	3.91	0.15	52.30	0.74	15.36	0.15	4.76	79	1	99.65
20364	500	N	-728	498	AN	60	58	0.6	4	11.07	7.06	8.68	1.00	0.35	46.80	1.17	18.72	0.25	4.44	102	1	99.54
20365	500	N	-740	515	AN	95	77	0.6	4	12.09	4.82	7.73	3.07	0.08	49.90	2.24	15.92	0.28	3.31	69	1	99.44
20366	500	N	-680	525	AN	39	117	0.5	4	7.70	1.61	7.41	3.39	2.47	51.20	1.93	20.76	0.18	2.86	10	1	99.51
20367	500	N	-420	495	AN	25	108	0.3	5	11.23	1.57	6.17	3.20	0.46	62.70	1.29	10.59	0.15	2.39	4	1	99.75
20368	500	N	-420	497	AN	933	26	0.6	4	-	-	-	-	-	-	-	-	-	-	-	-	-
20369	500	N	-345	500	DI	7	20	0.4	4	6.31	16.58	8.16	1.14	0.31	45.30	0.24	15.57	0.07	5.75	349	2	99.43
20370	500	N	-318	495	AN	60	72	0.4	6	9.60	4.70	7.01	3.25	0.10	53.20	1.55	16.96	0.11	3.14	31	1	99.62
20371	500	N	-315	495	FP	26	36	0.2	4	6.35	4.70	6.14	4.07	1.06	54.90	1.00	18.30	0.11	2.74	38	1	99.37
20372	400	N	-285	450	AN	64	93	0.4	4	8.62	2.40	6.93	4.59	0.63	53.70	1.63	18.17	0.16	2.65	39	1	99.48
20373	400	N	-270	450	AN	68	70	0.4	7	9.93	4.64	6.75	4.81	0.59	52.90	1.73	14.77	0.16	3.30	24	1	99.57
20374	400	N	-430	403	AN	49	99	0.3	5	13.26	2.13	4.85	2.88	0.39	60.40	1.95	10.80	0.23	2.58	6	1	99.47
20375	400	N	-352	401	DI	5	22	0.4	4	13.76	2.10	5.03	2.91	0.38	58.00	0.24	11.09	0.23	5.78	336	2	99.52
20376	400	N	-290	390	AN	61	59	0.3	4	6.01	15.81	8.24	1.27	0.26	46.90	1.42	16.95	0.10	2.59	29	1	99.55
20377	400	N	-270	390	AN	65	77	0.5	4	10.22	3.92	7.68	1.93	0.10	55.20	1.78	14.30	0.16	4.21	32	1	99.50
20378	400	N	-225	400	AN	77	58	0.4	5	11.09	5.34	5.57	4.73	0.96	52.50	1.64	15.40	0.15	2.40	23	1	99.78
20379	400	N	-271	388	AN	69	60	0.4	4	11.35	5.29	6.96	1.11	0.07	55.40	1.65	13.48	0.16	4.20	22	1	99.67

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20380	400	N	-268	392	FP	53	62	0.3	4	9.85	2.06	7.36	3.85	0.93	52.10	1.86	18.47	0.18	3.02	35	1	99.68
20381	400	N	-201	402	AN	63	56	0.3	6	10.80	4.59	8.01	2.84	0.45	53.10	1.52	15.50	0.16	2.32	21	1	99.31
20382	600	N	-2	552	DA	11	38	0.2	4	5.94	4.15	5.66	4.28	0.93	56.10	1.01	18.91	0.09	2.67	33	1	99.74
20383	600	N	-3	555	AN	11	140	0.6	4	13.56	1.98	6.62	3.98	0.24	52.30	1.51	14.33	0.25	5.00	10	1	99.77
20384	600	N	-55	554	AN	17	62	0.3	5	7.51	1.22	7.25	3.94	1.08	58.40	2.04	13.13	0.17	2.77	5	1	99.51
20385	500	N	-110	510	BI	21	131	0.3	5	7.26	2.21	4.40	4.99	0.58	62.00	0.92	14.50	0.14	2.39	10	1	99.39
20386	500	N	-80	525	AN	8	54	0.2	4	4.92	1.27	2.23	6.38	1.77	65.80	0.69	14.80	0.11	1.49	7	1	99.76
20387	500	N	-210	500	AN	61	51	0.4	5	13.04	4.40	8.09	1.05	0.23	51.60	2.22	14.68	0.21	3.79	21	1	99.31
20388	500	N	-270	525	AN	93	49	0.4	4	11.22	4.77	7.27	3.88	1.27	52.70	1.44	14.56	0.17	2.41	20	1	99.69
20389	500	N	-263	522	AN	48	63	0.4	4	9.50	3.67	5.81	4.23	0.78	53.50	1.57	17.27	0.17	3.03	35	1	99.53
20390	500	N	-260	521	AN	61	76	0.4	4	9.64	3.66	7.39	3.88	0.45	53.00	1.48	17.06	0.16	2.98	36	1	99.70
20391	500	N	-265	515	AN	46	66	0.4	4	10.18	3.48	6.81	3.73	0.51	52.50	1.87	17.12	0.18	3.23	40	1	99.61
20392	500	N	-330	530	DI	89	33	0.4	5	6.78	17.80	7.51	1.01	0.36	47.70	0.27	12.32	0.11	5.93	417	2	99.79
20393	500	N	-320	550	AN	58	51	0.4	4	11.16	6.40	6.07	4.16	0.06	52.10	1.58	14.94	0.19	3.03	24	1	99.69
20394	500	N	-235	545	AN	53	62	0.3	5	6.34	2.39	7.17	2.87	0.50	62.00	1.45	14.16	0.11	2.52	37	1	99.51
20395	300	N	-175	550	AN	35	57	0.4	4	9.85	4.49	5.75	4.03	0.34	56.80	1.62	13.94	0.16	2.73	18	1	99.71
20396	600	N	-135	600	AN	58	81	0.3	4	11.66	3.88	6.68	2.90	0.65	52.40	2.22	16.02	0.18	3.22	29	1	99.81
20397	600	N	-170	551	AN	16	45	0.3	4	9.51	5.73	8.74	3.12	0.90	51.90	0.79	15.97	0.15	2.70	63	1	99.51
20398	500	N	-170	530	VO	8	7	0.2	5	-	-	-	-	-	-	-	-	-	-	-	-	-
20399	500	N	-125	550	BI	26	106	0.3	4	6.22	1.84	3.64	4.89	1.72	62.70	0.69	15.46	0.13	2.24	11	1	99.53
20400	600	N	-35	590	AN	14	176	0.4	5	9.39	1.77	7.47	2.13	0.12	60.60	1.72	13.62	0.21	2.37	6	1	99.40
20401	600	N	-940	590	DA	80	167	0.6	5	10.61	4.46	7.65	3.10	0.14	48.70	2.44	18.49	0.27	3.82	110	1	99.68
20402	600	N	-950	610	AN	58	79	0.4	4	9.55	3.54	5.98	4.28	0.18	53.30	1.79	16.84	0.17	4.06	37	1	99.67
20403	600	N	-948	649	AN	9	72	0.4	4	8.01	3.55	5.44	4.20	0.33	56.30	1.71	15.99	0.13	3.97	34	1	99.63
20404	700	N	-802	730	AN	45	35	0.3	4	7.43	7.11	8.87	1.96	1.77	50.90	0.74	16.20	0.13	4.67	57	1	99.78
20405	700	N	-795	745	AN	93	74	0.4	4	8.34	2.70	3.47	5.53	0.92	54.60	2.53	16.93	0.17	2.20	45	1	99.39
20406	700	N	-727	658	AN	51	47	0.5	5	9.18	4.42	10.52	1.94	0.08	50.50	2.18	17.07	0.15	3.80	46	1	99.84
20407	700	N	-405	690	AN	72	88	0.7	4	14.93	5.52	7.32	1.91	0.11	48.90	1.74	14.02	0.22	4.68	27	1	99.35
20408	700	N	-400	735	AN	28	58	0.4	4	8.84	7.06	6.09	4.18	0.83	50.70	0.77	17.19	0.17	2.60	99	1	99.43
20409	700	N	-399	706	RH	411	79	0.4	4	3.80	1.91	8.12	4.91	1.73	56.30	0.50	19.52	0.05	2.70	26	1	99.54
20410	700	N	-399	705	AN	55	39	0.4	5	-	-	-	-	-	-	-	-	-	-	-	-	-
20411	700	N	-394	702	DI	25	30	0.3	4	7.01	10.88	9.18	2.08	0.47	48.00	0.39	17.46	0.11	4.19	197	1	99.77
20412	700	N	-350	660	DI	29	32	0.4	5	6.72	16.69	7.72	0.85	0.17	47.00	0.25	14.08	0.09	5.78	342	2	99.35
20413	700	N	-235	710	AN	74	60	0.4	4	10.53	2.81	10.50	0.99	0.33	54.70	1.86	13.81	0.15	3.89	23	1	99.57
20414	700	N	-190	707	AN	49	70	0.5	5	9.07	2.52	10.14	3.00	0.33	54.60	1.66	13.87	0.15	4.28	26	1	99.62
20415	700	N	-5	690	AN	12	99	0.4	4	5.95	1.05	6.48	3.72	0.75	63.20	1.69	13.03	0.14	3.42	5	1	99.43
20416	700	N	-25	660	AN	23	139	0.6	4	10.61	1.54	7.03	3.33	0.19	57.40	1.61	12.55	0.28	5.24	7	1	99.78
20417	600	N	0	600	AN	14	184	0.6	4	11.73	1.75	7.37	3.04	0.89	51.90	1.94	15.99	0.32	4.64	7	1	99.57
20418	800	N	-823	803	AN	75	83	0.4	4	9.88	3.84	5.18	5.49	0.40	54.80	1.66	15.57	0.20	2.76	14	1	99.78
20419	800	N	-10	805	AN	22	183	0.6	4	14.19	1.78	5.86	2.53	0.09	55.90	1.85	13.84	0.27	3.20	9	1	99.51
20420	800	N	-38	830	AN	17	181	0.5	4	10.19	1.36	7.76	3.20	1.22	53.70	1.83	15.15	0.26	4.78	6	1	99.45
20421	800	N	-1	848	AN	14	142	0.5	4	14.29	1.99	5.75	3.52	0.44	54.60	1.80	13.58	0.35	3.63	6	1	99.55
20422	900	N	-35	896	AN	8	140	0.6	5	14.37	2.19	5.48	3.22	0.26	54.10	1.73	14.61	0.21	3.44	7	1	99.61
20423	900	N	-51	910	AN	11	166	0.5	5	8.90	1.65	5.18	4.34	0.68	58.10	1.90	15.83	0.20	2.92	4	1	99.70
20424	900	N	-267	915	AN	67	102	0.5	4	11.52	2.58	8.45	2.43	0.27	53.00	2.16	15.82	0.19	3.39	24	1	99.81
20425	900	N	-302	895	AN	68	91	0.5	4	12.04	3.12	7.99	1.00	0.31	54.70	2.18	14.33	0.19	3.64	20	1	99.50
20426	900	N	-348	901	AN	61	77	0.5	4	12.43	3.52	5.68	3.78	0.64	52.90	2.08	15.33	0.21	2.77	22	1	99.34
20427	900	N	-350	950	AN	74	102	0.6	4	14.41	4.65	9.06	2.47	0.98	44.40	2.04	15.33	0.27	3.86	25	1	99.47
20428	900	N	-420	890	AN	63	55	0.3	4	9.44	4.00	8.65	2.60	0.50	52.50	1.38	17.89	0.12	2.63	25	1	99.71
20429	900	N	-565	902	FP	3	35	0.3	5	6.90	5.46	11.06	2.11	0.49	46.80	0.65	22.57	0.12	3.58	113	1	99.74
20430	900	N	-570	915	AN	51	63	0.3	4	7.83	4.66	5.89	4.54	0.14	55.60	1.21	16.98	0.21	2.75	57	1	99.81
20431	900	N	-570	880	AN	52	72	0.3	4	8.52	4.20	8.52	1.42	0.18	55.10	1.04	17.31	0.21	3.31	60	1	99.61
20432	900	N	-585	908	DA	65	49	0.2	6	7.46	6.09	8.66	2.14	0.35	52.60	1.17	17.54	0.17	3.29	43	1	99.47
20433	900	N	-586	905	RH	29	60	0.3	4	8.50	4.99	7.89	2.33	0.13	54.10	1.02	16.89	0.23	3.57	60	1	99.65
20434	900	N	-665	887	AN	68	54	0.3	4	13.74	7.28	9.21	1.72	0.09	46.80	2.02	15.86	0.20	2.91	51	1	99.83
20435	900	N	-650	865	AN	44	33	0.2	4	8.17	7.13	7.38	3.95	1.21	51.20	0.75	17.17	0.15	2.70	64	1	99.81
20436	800	N	-640	850	DA	66	62	0.4	4	10.52	3.63	6.52	3.98	0.08	51.60	2.68	17.07	0.18	3.11	83	1	99.37
20437	900	N	-635	930	AN	4	46	0.3	5	8.82	8.26	7.36	3.67	0.57	48.20	0.88	17.93	0.17	3.72	101	1	99.58
20438	900	N	-695	901	AN	14	33	0.2	5	4.30	1.16	1.89	5.15	0.82	70.90	0.71	13.18	0.07	1.49	4	1	99.67
20439	900	N	-685	920	DA	4	41	0.1	4	4.85	1.09	4.46	4.30	0.14	69.00	0.65	14.07	0.07	0.99	4	1	99.62

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20440	900	N	-742	905	AN	37	46	0.3	4	8.29	7.54	6.90	3.19	1.75	50.70	0.71	17.19	0.20	3.13	92	1	99.60
20441	900	N	-575	950	DI	8	38	7.9	4	7.35	15.52	7.72	1.31	0.88	46.40	0.42	14.14	0.13	5.58	368	2	99.45
20442	900	N	-585	945	DA	32	61	0.6	4	9.90	4.58	6.91	3.33	0.08	53.40	1.07	14.92	0.25	5.00	63	1	99.44
20443	1000	N	-578	992	AN	44	54	0.5	4	10.63	4.84	5.72	4.59	0.14	51.90	1.97	16.54	0.18	2.98	52	1	99.49
20444	1000	N	-400	999	AN	37	77	0.8	4	11.69	3.77	5.94	4.00	0.58	53.40	1.94	14.37	0.22	3.70	21	1	99.61
20445	1000	N	-352	1002	AN	71	80	0.5	4	11.83	4.06	6.84	0.69	0.66	52.30	2.01	15.16	0.21	2.71	23	1	99.47
20446	1000	N	-310	1010	AN	67	100	0.8	4	13.81	3.34	8.18	2.97	0.99	47.50	2.44	16.30	0.25	3.75	23	1	99.53
20447	1000	N	-160	990	AN	21	343	0.6	5	14.75	2.84	5.57	2.54	0.22	54.60	1.78	13.97	0.22	3.27	9	1	99.76
20448	1000	N	-74	999	AN	32	144	0.7	4	15.37	3.38	4.76	3.01	0.23	53.20	1.73	13.95	0.20	3.62	9	1	99.45
20449	1000	N	-15	960	AN	13	114	0.6	4	11.85	2.06	4.66	4.36	0.37	56.50	1.81	15.00	0.22	2.58	8	1	99.41
20450	1000	N	-2	1001	AN	80	72	0.6	4	14.67	4.11	9.72	1.63	0.11	47.50	2.03	14.43	0.27	3.02	39	1	99.49
20451	1500	N	-249	1500	BA	22	208	0.6	4	15.38	2.25	7.64	2.92	0.51	52.30	1.52	13.87	0.28	3.01	8	1	99.68
20452	1500	N	-199	1501	DA	32	73	0.6	4	9.97	4.02	7.18	3.92	0.26	55.00	1.76	14.28	0.23	3.18	20	1	99.80
20453	1500	N	-200	1455	DA	39	86	0.4	4	7.56	2.64	5.71	6.27	0.25	58.80	1.76	14.88	0.16	1.61	21	1	99.64
20454	1500	N	-150	1498	DA	71	42	0.3	4	7.92	5.49	8.36	3.35	0.49	54.00	1.01	16.32	0.15	2.38	50	1	99.47
20455	1500	N	-112	1499	DA	55	50	0.4	4	8.17	5.89	8.23	3.78	0.63	53.20	0.93	16.24	0.13	2.49	53	1	99.69
20456	1600	N	-528	1598	BI	29	54	0.4	4	8.57	4.88	7.13	2.91	0.66	54.50	1.55	16.30	0.16	2.94	33	1	99.60
20457	1600	N	-458	1610	AN	66	82	0.6	4	11.11	4.51	6.93	4.45	0.75	51.00	1.73	15.96	0.19	3.16	35	1	99.79
20458	1600	N	-405	1601	BI	21	200	0.8	5	10.03	1.65	6.57	4.69	0.88	53.10	2.20	17.40	0.27	2.84	9	1	99.63
20459	1600	N	-410	1585	AN	14	88	0.5	4	9.97	1.79	4.28	2.44	1.89	58.50	1.91	14.10	0.11	4.55	8	1	99.54
20460	1600	N	-331	1599	DA	83	63	0.6	4	8.36	4.57	7.03	4.78	0.32	51.30	1.30	18.42	0.19	3.38	76	1	99.65
20461	1600	N	-307	1600	BA	43	209	0.8	5	14.50	2.23	6.43	3.44	0.44	53.40	1.53	13.70	0.28	3.59	9	1	99.56
20462	1500	N	-300	1550	BA	17	136	0.7	4	14.96	2.38	6.43	3.56	0.69	53.70	1.09	13.11	0.29	3.48	8	1	99.69
20463	1600	N	-248	1602	DA	10	115	1.1	4	14.96	3.61	4.76	2.93	0.26	53.50	2.04	14.30	0.20	3.06	9	1	99.62
20464	1600	N	-201	1601	DA	35	9	0.5	4	8.06	4.64	7.69	2.73	0.81	55.20	1.11	16.03	0.12	3.29	54	1	99.68
20465	1500	N	-200	1550	DA	33	65	0.5	5	8.72	3.69	6.75	3.88	0.56	57.60	1.90	14.21	0.19	1.97	21	1	99.47
20466	1600	N	-150	1602	DA	73	45	0.4	9	8.25	4.85	7.52	3.94	0.40	55.60	0.94	15.68	0.13	2.44	57	1	99.75
20467	1600	N	-108	1597	AN	43	43	0.4	4	8.42	5.43	7.55	3.38	0.42	54.60	1.11	15.83	0.14	2.69	57	1	99.57
20468	1700	N	-499	1704	BI	43	45	0.4	4	8.16	3.56	5.73	3.42	1.03	58.60	1.44	14.93	0.14	2.35	30	1	99.36
20469	1600	N	-500	1650	BI	23	52	0.5	4	10.18	5.28	7.70	2.46	0.92	50.60	1.77	17.14	0.16	3.57	53	1	99.78
20470	1700	N	-480	1699	DA	52	43	0.4	5	7.94	3.73	6.03	3.56	1.00	58.40	1.51	14.99	0.14	2.17	32	1	99.47
20471	1700	N	-402	1700	AN	13	158	0.8	4	13.11	1.80	4.44	3.24	0.74	54.60	1.91	14.89	0.34	4.33	12	1	99.40
20472	1600	N	-400	1650	AN	15	147	1.1	4	9.09	1.73	4.55	4.01	1.22	58.50	2.01	15.81	0.24	2.64	8	1	99.80
20473	1700	N	-349	1703	AN	37	51	0.3	4	6.77	3.52	6.34	3.61	0.90	59.20	1.14	15.71	0.13	2.67	62	1	99.59
20474	1700	N	-300	1658	BA	24	156	0.6	4	14.67	2.53	6.00	3.81	0.62	53.80	1.53	13.44	0.26	3.15	10	1	99.81
20475	1700	N	-249	1700	AN	41	91	0.6	4	9.98	3.92	4.90	4.34	0.72	57.10	2.04	14.12	0.20	2.23	24	1	99.55
20476	1700	N	-197	1702	DA	47	40	0.4	4	9.25	5.48	6.39	2.88	3.28	51.40	1.45	16.34	0.15	2.79	32	1	99.41
20477	1800	N	-375	1798	AN	43	42	0.5	4	9.81	4.38	7.25	2.48	1.45	53.50	1.70	16.25	0.14	2.67	44	1	99.63
20478	1800	N	-525	1800	AN	28	34	0.4	4	8.22	5.78	8.40	1.87	1.35	54.10	1.25	14.81	0.16	3.53	39	1	99.47
20479	1700	N	-500	1750	DA	62	48	0.4	4	6.92	3.29	5.15	4.96	0.55	60.50	1.47	14.45	0.12	2.14	29	1	99.55
20480	1800	N	-475	1803	DA	12	39	0.9	5	6.61	5.25	3.74	4.67	0.36	58.60	1.51	15.69	0.14	3.05	32	1	99.62
20481	1800	N	-422	1800	DA	11	119	0.5	4	5.80	1.15	5.00	4.31	1.18	64.80	1.77	13.67	0.15	1.61	8	1	99.44
20482	1700	N	-460	1725	TU	33	98	0.7	4	7.86	2.55	4.14	5.05	1.76	57.30	2.07	15.28	0.17	3.23	12	1	99.41
20483	1800	N	-421	1798	BI	12	190	1	4	8.81	1.80	6.92	3.98	1.23	55.00	1.80	14.38	0.23	5.16	11	1	99.31
20484	1800	N	-400	1758	DA	22	45	0.7	4	9.66	7.44	6.01	2.76	0.60	52.80	1.06	15.66	0.13	3.63	72	1	99.75
20485	1800	N	-375	1804	DA	52	76	0.6	4	11.11	5.37	6.18	3.70	0.25	52.70	2.11	14.83	0.14	3.21	27	1	99.60
20486	1800	N	-321	1803	BA	8	91	0.5	5	15.22	2.73	6.49	3.06	0.42	52.20	1.46	13.77	0.29	4.17	11	1	99.81
20487	1800	N	-275	1802	DA	60	94	0.7	4	10.46	3.25	7.27	3.17	0.22	55.10	2.13	14.45	0.23	3.17	26	1	99.45
20488	1800	N	-223	1804	DA	106	37	0.4	4	8.22	5.22	7.57	3.31	0.41	56.00	0.97	15.60	0.13	2.25	49	1	99.68
20489	1800	N	-168	1799	DA	67	35	0.5	4	8.47	4.82	7.72	2.87	0.47	56.10	1.00	15.73	0.12	2.21	44	1	99.51
20490	1800	N	-98	1804	BA	21	493	0.4	5	7.62	1.23	4.42	4.26	0.50	65.90	1.68	11.19	0.27	2.29	9	1	99.36
20491	1800	N	-53	1801	DA	41	67	0.4	4	11.56	3.14	6.49	3.19	0.73	57.70	2.12	12.87	0.20	1.61	10	1	99.61
20492	1700	N	-3	1728	DA	44	81	0.5	4	10.58	3.10	6.03	3.43	1.00	58.30	2.05	12.40	0.19	2.24	12	1	99.32
20493	1700	N	-152	1700	DA	29	34	0.4	4	7.72	5.22	6.67	4.24	0.28	55.30	0.98	16.03	0.11	3.11	59	1	99.66
20494	1600	N	-350	1645	TU	39	58	0.5	6	9.95	4.17	3.79	4.31	0.48	55.30	1.24	16.81	0.25	3.17	58	1	99.46

NUMERO D'ECHANT.	NUMERO LIGNE	DIR	EST	NORD	TYPE DE ROCHE	Cu ppm	Zn ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	L_O_J %	NI ppm	COEF_ALT	Total %
20495	1900	N	-555	1885	DA	43	71	0.7	4	7.48	4.41	4.69	4.12	0.58	57.30	1.62	16.38	0.14	2.79	43	1	99.51
20496	1800	N	-497	1850	DA	6	63	0.7	4	6.55	6.53	1.99	4.19	0.15	58.20	1.57	16.51	0.14	3.34	40	1	99.77
20497	1800	N	-500	1843	DA	79	29	0.6	4	4.75	3.06	11.02	0.17	0.04	61.20	0.84	14.33	0.09	4.11	27	1	99.61
20498	1900	N	-453	1906	DA	68	74	0.7	4	5.71	4.95	7.41	1.55	0.24	59.60	1.11	15.29	0.11	3.71	66	1	99.66
20499	1900	N	-400	1904	DA	13	51	0.5	5	7.02	5.82	8.32	3.68	0.25	53.30	1.11	16.94	0.14	2.96	67	1	99.53
20500	1800	N	-400	1850	DA	71	54	0.4	4	7.19	5.44	6.07	3.91	0.29	59.01	1.12	17.31	0.14	3.29	45	1	99.73
20502	1100	N	-1	1078	AM	74	86	1.6	4	14.18	3.79	9.03	1.86	0.10	49.80	2.16	14.07	0.31	4.45	43	1	99.75
20503	1100	N	-55	1102	AM	89	104	0.7	4	12.52	3.08	9.35	2.28	0.12	49.90	2.21	14.30	0.32	5.66	41	1	99.74
20504	1100	N	-97	1101	AM	15	167	0.6	4	12.53	1.88	5.92	4.11	0.44	53.00	1.88	15.43	0.29	4.06	9	1	99.54
20505	1000	N	-102	1050	AM	19	132	0.8	4	14.11	2.05	5.43	3.06	0.17	55.50	1.69	13.58	0.24	3.70	8	1	99.53
20506	1100	N	-152	1095	AM	15	96	0.8	4	14.08	3.43	6.21	2.34	0.19	54.20	1.79	13.41	0.24	3.50	8	1	99.39
20507	1100	N	-190	1110	AM	13	154	0.9	4	11.58	1.70	7.85	1.93	0.64	55.60	1.30	11.34	0.35	7.24	9	1	99.53
20508	1100	N	-195	1150	AM	14	152	0.8	4	11.87	1.77	6.46	2.55	1.02	55.00	1.58	14.17	0.31	4.82	7	1	99.55
20509	1200	N	-223	1195	AM	13	161	0.7	4	12.28	1.88	7.85	3.45	0.12	53.00	1.47	12.64	0.29	6.54	9	1	99.52
20510	1200	N	-147	1198	AM	49	92	2.3	5	12.51	4.79	7.01	1.82	0.15	53.70	1.84	14.38	0.29	3.22	18	1	99.71
20511	1100	N	-146	1150	AM	12	103	1.2	4	11.95	2.00	4.68	4.26	0.28	57.00	2.05	14.40	0.30	2.82	9	1	99.74
20512	1200	N	-102	1203	AM	43	107	0.4	4	10.63	5.00	5.58	3.93	0.52	53.60	2.27	15.07	0.19	2.84	19	1	99.63
20513	1200	N	-100	1158	AM	45	89	0.4	5	9.95	5.10	5.97	4.01	0.53	53.70	2.00	15.18	0.15	3.16	21	1	99.75
20514	1200	N	-43	1200	AM	51	78	0.5	4	10.14	4.08	6.20	4.25	0.47	54.90	2.07	14.52	0.15	2.74	19	1	99.52
20515	1200	N	-5	1203	AM	65	77	0.5	4	11.70	2.95	7.67	3.30	0.42	52.60	2.62	15.53	0.24	2.74	39	1	99.77
20516	1300	N	0	1255	AM	81	103	0.6	4	13.50	2.98	9.65	2.33	0.18	49.30	2.34	14.92	0.30	4.13	44	1	99.63
20517	1300	N	-676	1320	AM	53	81	0.4	4	10.11	4.62	6.96	3.35	0.43	50.70	2.08	17.29	0.21	3.69	42	1	99.44
20518	1300	N	-277	1297	AM	24	136	0.7	4	11.35	1.69	4.72	4.28	0.06	59.10	1.43	13.49	0.26	3.45	8	1	99.83
20519	1300	N	-242	1303	TU	63	49	0.3	4	6.46	4.73	6.20	4.11	0.98	57.40	1.01	15.99	0.11	2.67	47	1	99.66
20520	1300	N	-195	1300	DA	71	53	0.5	4	6.11	5.75	7.06	4.27	0.30	54.80	1.08	17.21	0.09	2.82	60	1	99.49
20521	1300	N	-200	1255	AM	76	55	0.3	5	7.57	4.88	7.41	4.23	0.26	53.90	1.14	17.61	0.16	2.49	74	1	99.65
20522	1300	N	-150	1303	DA	34	38	0.3	4	7.03	4.37	6.97	3.42	0.35	58.30	0.90	15.31	0.10	2.37	48	1	99.42
20523	1300	N	-99	1303	DA	64	44	0.3	4	7.33	4.40	9.08	2.40	0.56	54.40	1.05	17.27	0.17	2.89	43	1	99.55
20524	1200	N	-98	1250	AM	51	74	0.5	5	10.41	4.85	6.96	3.55	0.36	53.10	2.11	15.11	0.19	3.14	21	1	99.78
20525	1300	N	-47	1307	DA	45	91	0.4	4	11.34	4.67	7.48	2.66	0.19	53.60	2.04	14.71	0.18	2.85	21	1	99.72
20526	1300	N	-2	1296	AM	80	90	0.6	4	15.25	5.24	8.29	1.64	0.07	48.30	2.24	14.56	0.28	3.72	42	1	99.59
20527	1200	N	-2	1250	AM	42	95	0.8	5	14.60	2.91	8.98	2.37	0.20	46.40	2.00	14.17	0.46	7.27	50	1	99.36
20528	1400	N	-380	1396	TU	22	92	0.4	4	7.19	2.30	3.98	4.47	1.18	61.70	0.75	15.40	0.15	2.44	20	1	99.59
20529	1400	N	-378	1399	AM	80	112	0.5	8	12.10	4.10	7.06	3.34	0.80	51.60	2.16	14.59	0.19	3.36	23	1	99.30
20530	1400	N	-346	1403	AM	71	84	0.5	4	11.12	4.03	6.53	3.28	0.40	53.60	2.19	14.50	0.19	3.85	22	1	99.69
20531	1400	N	-300	1400	RH	6	24	0.2	4	1.83	0.38	4.25	3.97	0.09	77.10	0.29	10.76	0.01	0.76	5	1	99.44
20532	1400	N	-296	1398	BI	51	64	0.4	4	6.96	3.39	4.68	4.64	0.71	58.00	1.00	16.36	0.17	3.68	32	1	99.79
20533	1400	N	-293	1403	BA	9	140	0.5	4	14.86	2.41	6.46	2.87	0.23	54.40	1.55	13.62	0.26	3.19	7	1	99.85
20534	1400	N	-292	1355	AM	5	80	0.6	4	6.78	1.18	7.65	2.84	0.88	61.00	1.32	11.41	0.22	6.13	8	1	99.41
20535	1400	N	-276	1365	AM	11	129	0.6	4	15.17	2.28	5.95	1.71	0.03	55.50	1.91	13.70	0.31	2.97	9	1	99.53
20536	1400	N	-275	1370	DA	54	48	0.4	5	8.69	6.24	5.67	4.16	0.65	52.90	1.12	16.77	0.16	3.27	67	1	99.63
20537	1400	N	-252	1398	BA	21	185	0.5	4	14.78	2.27	7.49	2.67	0.44	53.30	1.50	13.48	0.27	3.19	7	1	99.39
20538	1400	N	-205	1400	AM	18	138	0.4	4	13.92	2.40	7.37	3.10	0.35	54.00	1.45	13.57	0.28	3.07	6	1	99.51
20539	1400	N	-205	1365	AM	6	151	0.5	4	14.43	2.51	7.10	2.63	0.38	53.80	1.44	14.19	0.28	2.82	7	1	99.58
20540	1400	N	-151	1402	DA	76	47	0.3	5	7.69	5.80	6.95	3.60	0.89	54.90	0.90	16.34	0.14	2.56	46	1	99.77
20541	1400	N	-97	1395	BA	64	38	0.3	25	8.06	5.60	7.42	3.51	0.71	54.30	1.02	16.39	0.14	2.43	39	1	99.58
20542	1400	N	-95	1357	DA	37	34	0.3	4	7.65	5.70	8.06	3.38	0.57	54.60	0.97	15.80	0.13	2.46	39	1	99.32
20543	1400	N	-52	1405	AM	47	96	0.5	4	10.61	5.47	5.03	3.80	0.48	53.30	1.94	15.41	0.20	3.28	22	1	99.52
20544	1500	N	-450	1485	AM	70	75	0.8	4	11.27	2.21	7.17	3.27	0.83	56.10	2.18	13.20	0.18	2.95	23	1	99.36
20545	1500	N	-400	1502	BX	10	184	0.7	4	5.86	1.23	6.12	5.02	1.24	59.50	1.78	15.99	0.16	2.76	7	1	99.66
20546	1500	N	-380	1485	FP	17	43	0.4	4	5.75	2.14	6.25	5.35	0.22	60.10	1.02	17.26	0.14	1.48	33	1	99.71
20547	1500	N	-373	1520	AM	16	287	1	4	10.72	3.06	5.30	3.96	1.88	49.70	2.22	18.60	0.28	3.85	10	1	99.57
20548	1500	N	-347	1498	BA	12	170	0.5	4	13.30	2.12	6.45	3.89	0.40	55.70	1.50	13.20	0.24	2.66	7	1	99.66
20549	1500	N	-298	1496	BA	32	210	0.7	6	15.61	2.39	7.04	3.06	0.53	51.80	1.21	13.80	0.34	3.73	8	1	99.51
20550	1400	N	-300	1447	BA	85	109	0.8	4	15.60	2.34	6.98	2.90	0.34	52.70	1.31	13.49	0.27	3.70	8	1	99.63

NUMERO D'ECHANT.	NUMERO LIGNE	DIR	EST	NORD	TYPE DE ROCHE	Cu ppm	Zn ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	L_O_I %	Ni ppm	COEF_ALT	Total %
22251	1900	N	-345	1900	BA	9	140	0.7	20	11.12	2.15	7.36	2.66	0.41	39.50	1.08	12.25	0.19	3.04	11	1	99.76
22252	1800	N	-300	1850	DA	17	97	0.8	4	13.99	2.57	7.47	2.80	0.33	34.00	1.63	13.83	0.27	2.79	11	1	99.68
22253	1900	N	-250	1902	DA	62	75	1	4	13.45	5.83	6.52	2.82	0.15	47.30	2.18	14.54	0.29	6.51	38	1	99.59
22254	1900	N	-165	1900	DA	55	161	0.6	4	10.58	3.52	6.72	3.49	0.32	37.50	2.08	13.27	0.19	1.96	15	1	99.63
22255	1900	N	-107	1910	DA	49	73	0.5	4	12.79	3.68	6.62	3.77	0.27	36.10	2.24	12.03	0.22	1.69	13	1	99.41
22256	1900	N	-46	1898	DA	53	61	0.7	5	13.47	4.30	6.65	3.53	0.41	33.10	2.04	13.38	0.23	2.18	18	1	99.49
22257	1900	N	-36	1897	DA	47	68	0.6	4	12.71	3.73	7.26	3.43	0.58	34.90	2.25	12.94	0.20	1.81	14	1	99.81
22258	1800	N	-1	1848	AN	41	45	0.5	5	11.24	3.50	6.18	4.14	0.80	37.20	2.11	12.34	0.21	1.67	12	1	99.39
22259	1900	N	-440	1875	DA	53	54	0.4	5	6.94	4.71	8.21	2.68	0.32	37.00	1.09	15.74	0.16	2.92	58	1	99.77
22260	1900	N	-442	1855	DA	21	42	0.5	4	7.31	6.17	4.80	4.56	0.35	36.30	1.07	16.10	0.15	3.03	74	1	99.64
22261	1900	N	-446	1853	DA	22	164	0.8	4	7.79	2.23	5.87	4.48	0.83	38.00	2.01	16.05	0.20	2.38	12	1	99.84
22262	1800	N	-432	1845	DA	26	42	0.5	4	7.06	6.33	6.51	3.64	0.65	34.40	1.03	16.71	0.13	2.98	78	1	99.44
22263	1800	N	-425	1837	DA	62	44	0.5	4	7.53	5.59	7.08	2.81	1.43	32.90	1.06	17.43	0.10	3.56	85	1	99.49
22264	1800	N	-435	1825	DA	20	176	0.8	4	10.59	3.34	5.50	2.11	1.72	34.40	1.99	16.76	0.20	3.11	12	1	99.72
22265	1800	N	-422	1815	BI	53	51	0.5	4	10.66	6.32	7.46	2.95	1.20	49.80	0.99	16.73	0.11	3.52	69	1	99.74
22266	1800	N	-423	1788	BI	49	50	0.6	4	8.61	6.82	6.69	3.61	0.46	32.40	1.06	15.91	0.11	3.76	85	1	99.43
22267	1700	N	-408	1740	DA	48	65	0.7	5	7.20	5.80	4.76	3.50	0.89	36.50	1.11	16.06	0.13	3.46	87	1	99.41
22268	1700	N	-403	1729	DA	54	55	0.8	6	9.10	5.87	2.09	4.37	0.24	33.60	1.40	16.35	0.14	4.21	55	1	99.37
22269	1700	N	-393	1705	DA	42	72	0.7	5	11.09	5.20	6.45	1.88	0.38	32.90	1.11	15.74	0.23	4.51	64	1	99.49
22270	2000	N	-568	2000	DA	48	70	0.5	4	7.14	4.14	6.21	3.24	0.97	39.00	1.43	15.03	0.13	2.43	33	1	99.72
22271	2000	N	-525	2000	DA	61	53	0.6	7	7.23	3.86	7.46	3.79	0.47	36.00	1.52	16.49	0.13	2.69	38	1	99.64
22272	2000	N	-495	1958	DA	52	61	0.5	4	6.70	4.16	5.34	5.27	1.01	36.70	1.59	16.52	0.13	2.23	32	1	99.65
22273	2000	N	-477	1993	DA	44	54	0.5	4	7.34	5.35	4.38	4.88	1.92	35.30	1.28	15.70	0.15	3.02	40	1	99.52
22274	2000	N	-452	1999	DA	55	40	0.5	4	7.40	5.47	7.65	3.69	1.00	34.70	1.13	16.22	0.13	2.32	56	1	99.71
22275	2000	N	-396	1996	BA	20	149	0.7	5	15.35	2.38	6.87	2.85	0.31	33.60	1.24	13.45	0.30	3.15	9	1	99.70
22276	1900	N	-400	1935	DA	47	39	0.4	7	8.06	6.14	7.31	2.94	0.22	35.20	1.04	15.79	0.11	2.88	52	1	99.69
22277	2000	N	-348	2003	BA	7	77	0.7	4	16.23	2.73	6.69	3.35	0.46	30.70	1.43	14.27	0.28	3.56	10	1	99.70
22278	2000	N	-323	2000	DA	60	49	0.6	4	6.72	4.41	5.31	6.02	0.23	37.50	1.12	15.79	0.13	2.13	60	1	99.36
22279	2000	N	-303	2000	DA	11	57	0.9	4	13.56	4.29	6.04	3.10	0.66	30.20	2.17	15.76	0.30	3.35	12	1	99.43
22280	1900	N	-300	1950	DA	39	55	0.9	4	11.20	4.50	8.12	4.04	0.17	49.60	1.70	14.30	0.25	5.44	24	1	99.52
22281	2000	N	-250	2000	DA	77	74	0.9	4	12.78	8.39	6.95	3.16	0.29	46.30	1.26	16.11	0.23	4.09	108	1	99.56
22282	2000	N	-200	1999	AN	50	65	0.8	4	12.82	4.06	7.50	2.66	0.20	33.40	1.71	14.39	0.17	2.74	23	1	99.65
22283	2000	N	-131	2007	AN	44	79	0.7	4	11.81	3.61	4.90	3.57	0.65	37.50	2.08	13.24	0.20	2.19	18	1	99.75
22284	1900	N	-100	1950	AN	44	83	0.9	4	12.12	4.15	5.65	2.98	0.46	37.10	2.00	12.35	0.20	2.82	19	1	99.83
22285	1900	N	-50	1945	AN	64	58	0.7	4	11.11	4.14	5.10	4.79	0.87	36.30	1.83	13.60	0.21	1.75	16	1	99.70
22286	2000	N	-5	1985	AN	68	73	0.7	4	14.11	4.19	7.33	2.75	0.47	33.10	1.85	13.39	0.21	2.27	21	1	99.67
22287	2100	N	-582	2090	DA	325	68	0.6	4	6.86	5.07	5.25	4.66	0.27	36.70	1.46	16.04	0.13	3.09	42	1	99.53
22288	2100	N	-520	2103	DA	40	45	0.4	4	7.08	5.05	5.50	4.24	1.10	38.10	1.13	14.30	0.13	2.83	44	1	99.46
22289	2100	N	-498	2060	DA	33	117	0.5	4	7.99	5.46	5.01	4.82	0.93	34.60	1.33	16.19	0.13	3.35	42	1	99.81

NUMERO ECHANT.	NUMERO LIGNE	DIR	EST	MORD	TYPE DE ROCHE	Cu ppm	Zn ppm	Ag ppm	Au ppb	FeO %	MgO %	CaO %	Na2O %	K2O %	SiO2 %	TiO2 %	Al2O3 %	MnO %	L_O_I %	Ni ppm	COEF_ALT	Total %
22290	2100	N	-327	2078	DA	43	45	0.4	4	6.96	4.02	4.96	4.90	0.79	58.60	1.28	14.98	0.12	2.92	35	-	99.53
22291	2100	N	-477	2103	DA	17	109	0.6	4	14.36	2.93	6.79	3.01	0.53	53.60	1.33	13.02	0.26	3.57	7	-	99.40
22292	2100	N	-482	2085	DA	56	44	0.4	5	7.90	5.49	6.68	3.81	0.12	56.60	1.11	14.91	0.13	2.97	63	-	99.72
22293	2100	N	-420	2098	BA	11	115	0.6	4	12.37	2.32	5.98	4.06	0.37	55.40	2.04	13.40	0.24	3.22	8	-	99.40
22294	2100	N	-352	2098	DA	51	75	0.6	4	11.42	4.53	7.37	3.02	0.32	52.70	1.85	14.19	0.23	4.16	21	-	99.79
22295	2100	N	-350	2060	DA	67	57	0.5	4	8.08	5.05	5.50	5.43	0.28	53.90	1.27	16.89	0.19	3.04	64	-	99.63
22296	2100	N	-300	2096	DA	84	43	0.4	4	8.60	6.65	5.61	4.12	0.94	52.30	1.47	16.42	0.12	3.31	72	-	99.54
22297	2100	N	-248	2110	DA	14	83	0.5	4	8.57	3.58	4.94	4.49	0.11	58.50	1.95	14.45	0.18	3.01	9	-	99.78
22298	2100	N	-226	2107	TU	59	45	0.6	4	12.02	8.16	8.81	2.39	0.13	46.30	1.12	16.18	0.19	4.40	85	-	99.70
22299	2100	N	-152	2102	AM	118	80	0.6	4	11.22	3.74	5.49	3.70	0.58	58.20	2.03	11.48	0.19	2.69	16	-	99.32
22300	2100	N	-95	2099	AM	56	78	0.6	5	12.82	3.24	7.80	1.52	0.28	56.00	1.89	12.74	0.19	3.21	17	-	99.69
22301	2000	N	-100	2050	AM	59	52	0.5	4	10.74	3.93	6.24	4.60	0.58	57.50	1.80	12.01	0.18	1.94	13	-	99.52
22302	2100	N	-99	2099	AM	55	72	0.5	4	12.76	4.07	6.35	3.31	0.49	55.70	1.75	12.68	0.18	2.35	15	-	99.64
22303	2100	N	0	2110	BI	3	43	0.2	4	3.81	0.26	1.04	5.59	1.44	71.60	0.34	13.44	0.08	2.08	4	-	99.68
22304	2200	N	-544	2196	DA	41	91	0.6	4	8.67	4.70	6.42	3.69	1.65	53.00	1.42	16.60	0.15	3.15	47	-	99.45
22305	2200	N	-530	2080	DA	53	52	0.4	4	9.71	4.94	6.39	3.48	1.27	53.60	1.17	15.94	0.22	2.94	48	-	99.66
22306	2200	N	-497	2198	DA	72	77	0.7	4	12.28	4.48	8.09	1.13	0.28	52.70	1.95	15.12	0.17	3.51	25	-	99.71
22307	2100	N	-500	2150	DA	68	75	0.5	4	8.21	4.74	7.99	3.85	0.37	53.60	1.50	16.37	0.11	3.12	57	-	99.66
22308	2200	N	-462	2204	DA	58	74	0.5	4	8.98	4.63	8.23	2.49	0.61	53.60	1.50	16.39	0.13	3.21	50	-	99.77
22309	2200	N	-400	2197	BA	58	33	0.3	4	5.93	3.90	7.68	4.10	0.27	60.60	1.01	14.45	0.10	1.75	41	-	99.79
22310	2200	N	-394	2155	BA	7	150	0.6	4	13.63	2.40	6.02	3.64	0.33	55.50	1.73	13.22	0.23	3.10	8	-	99.80
22311	2200	N	-351	2200	DA	65	99	0.7	4	10.21	5.33	5.42	4.71	0.47	51.60	2.41	15.89	0.18	3.27	23	-	99.49
22312	2200	N	-315	2215	DA	45	58	0.6	4	-	-	-	-	-	-	-	-	-	-	-	-	-
22313	2200	N	-320	2213	DA	54	80	0.4	4	8.99	4.17	6.39	5.03	0.22	55.70	1.93	14.96	0.18	2.04	21	-	99.61
22314	2200	N	-302	2209	DA	53	69	0.6	4	12.90	3.91	7.57	2.15	0.12	53.00	2.04	14.49	0.23	2.97	21	-	99.38
22315	2100	N	-297	2150	DA	50	70	0.6	4	12.82	4.26	7.60	2.93	0.11	52.70	1.82	14.36	0.19	2.55	20	-	99.34
22316	2200	N	-246	2205	BA	19	113	0.6	5	14.69	2.18	7.12	2.21	0.28	53.90	1.36	13.42	0.27	3.95	7	-	99.38
22317	2200	N	-196	2197	AM	55	93	0.5	4	11.57	3.23	6.30	3.37	0.49	57.40	2.06	12.09	0.19	2.72	13	-	99.42
22318	2200	N	-200	2160	AM	17	87	0.9	4	10.61	2.66	5.64	3.41	0.85	60.10	2.06	11.68	0.24	2.23	8	-	99.48
22319	2200	N	-160	2201	AM	58	79	0.8	4	17.07	3.48	6.81	1.13	2.30	48.40	2.74	14.07	0.23	3.45	18	-	99.68
22320	2200	N	-150	2201	AM	35	38	0.4	4	10.76	3.66	6.17	3.96	0.79	58.10	1.82	12.50	0.18	1.56	13	-	99.50
22321	2200	N	-98	2204	AM	68	90	0.6	5	13.45	3.94	6.78	2.95	0.56	55.10	1.74	12.57	0.17	2.37	16	-	99.63
22322	2100	N	-100	2150	AM	43	82	0.5	4	12.62	3.45	5.82	2.94	0.50	57.40	1.97	11.98	0.18	2.56	13	-	99.42
22323	2200	N	-45	2198	AM	101	58	0.5	4	11.91	5.88	6.62	3.45	0.19	54.70	1.60	12.84	0.23	2.21	26	-	99.63
22324	2200	N	0	2197	AM	2	78	0.4	4	5.35	0.72	1.91	5.34	1.12	67.20	0.46	14.96	0.10	2.32	6	-	99.48
22325	2200	N	-245	2180	TU	34	59	0.4	4	6.34	2.01	4.69	5.98	0.26	61.60	0.82	15.46	0.09	2.24	24	-	99.49
22326	2100	N	-228	2130	TU	29	92	0.9	4	6.30	2.99	1.24	8.03	0.27	59.40	0.99	18.15	0.09	2.15	55	-	99.61
22327	2100	N	-229	2131	TU	147	61	0.6	4	7.23	2.77	3.47	5.01	0.25	61.70	0.71	14.95	0.06	3.25	44	-	99.40