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REPORT ON THE DALET PROPERTY

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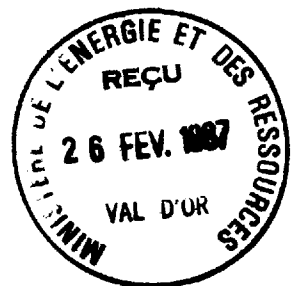
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EXPLORATION OMEGA INC.

REPORT
ON THE DALET PROPERTY

DALET TOWNSHIP
NORTHWESTERN QUEBEC

Ministère de l'Énergie et des Ressources
Service de la Géoinformation
Date: 11 MAI 1987
No G.M.: 44473



VAL D'OR, QUEBEC
January 20th, 1987

A. Khobzi, Eng. M.Sc.
A. J. Beauregard, Geol. B.Sc.
Consulting geologists

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

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REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

SUMMARY

The Dalet Property represents a block of 20 claims covering 800 hectares situated in the mining district of Joutel-Amos, approximately 64 km northeast of the town of La Sarre.

The property is situated within the limits of the Superior Structural Province of the Canadian Shield. The studied area consists essentially of basaltic pillowed lavas, massive basaltic lavas, andesitic blocky tuffs, and fine grain tuffs. A number of polymetallic and gold occurrences have been found in the vicinity of the Dalet Property.

The presence of volcanic and sedimentary rocks adjacent to a number of subvolcanic plutons, the geomorphological signature of the Gale River, the presence of a positive aeromagnetic anomaly, and numerous strong INPUT anomalies, suggested the possibility of polymetallic mineralization within the property.

A preliminary exploration program was completed within September and October of 1986. Line cutting, VLF-EM, magnetics and limited HEM ground geophysics was completed over the property. This was followed by four diamond drill holes to test strong geophysical targets. One sample containing 0.08 oz Au/ton over 2 feet was returned.

It is therefore recommended that the Dalet property be systematically explored with additional work in order to identify its mining economic potential.

CERTIFICATE OF QUALIFICATION

I, ABDELKADER KHOBZI, OF VAL D'OR, IN THE PROVINCE OF QUEBEC, CANADA, DO HEREBY CERTIFY THAT:

I reside at 212 Duchesne, Val d'Or, Quebec.

I am a geological engineer. I am a graduate of the Mining Institute, Leningrad, USSR, with a M. Sc. degree in Geological Engineering (1975), a certificate in Business Administration (1984) and completing a M. Sc. degree in Project Management at University of Quebec (1986). I am a member of the Order of Engineers of the Province of Quebec, of the Project Management Institute (Connecticut, USA), and of the Quebec Prospectors Association. I have been continuously engaged in my profession for the last 11 years.

This report is based on the author's experience in exploration, on a comprehensive study of all work records and on geological maps and reports published for the area of interest by the Quebec Department of Energy and Resources and by the Geological Survey of Canada. I have visited the property of **EXPLORATION OMEGA INC.** I have disclosed in this report all relevant material which, to the best of my knowledge, might have a bearing on the viability of the project and the recommendations.

I have not, directly or indirectly, received or expect to receive any interest, direct or indirect, in the properties of **EXPLORATION OMEGA INC.** or beneficially own, directly or indirectly, any securities of that company. I am not an insider of a company having an interest in the subject properties nor in any other properties in the immediate area.



Abdelkader Khobzi, Eng., M. Sc.

CERTIFICATE OF QUALIFICATION

I, ALAIN JEAN BEAUREGARD, OF VAL D'OR, IN THE PROVINCE OF QUEBEC, CANADA, DO HEREBY CERTIFY THAT:

I reside at 168, Cadillac, Val d'or, Quebec.

I am a qualified geologist, having received my academic training at Concordia University, in Montreal, Quebec.

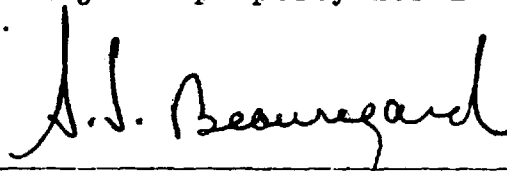
I am a Fellow of the Geological Association of Canada #F 4951 and also a member of the Association of Geologists of Quebec, of the Quebec Prospectors Association and of the Canadian Institute of Mining and Metallurgy.

I have been continuously engaged in my profession for the last 9 years. I have examined the assessment work files covering the subject property and the immediate area at the resident geologist office of the Quebec Ministry of Energy and Resources in Val d'Or and Rouyn. I have visited the Dalet property OF EXPLORATION OMEGA INC.

This report is based on the author's experience in exploration, on a comprehensive study of all the work records and on geological maps and reports published for the area of interest by the Quebec Department of Energy and Natural Resources and by the Geological Survey of Canada.

I have disclosed in this report all relevant material which, to the best of my knowledge, might have a bearing on the viability of the project and the recommendations.

I have not, directly or indirectly, received or expect to receive any interest, direct or indirect, in the property of EXPLORATION OMEGA INC., or beneficially own, directly or indirectly, any securities of that company. I am not an insider of a company having an interest in the subject property nor in any other property in the immediate area.


ALAIN J. BEAUREGARD, Geol., B.Sc.

INTRODUCTION

At the request of EXPLORATION OMEGA INC., a preliminary exploration programme was completed on the Dalet Property. The property covers 20 mining claims in the Dalet Township, in the district of Amos and Joutel. They are located in the central part of the Abitibi volcanic belt which is well known for its gold and base metal deposits.

From September to November 1, 1986, 47.3 km of line cutting, 94.0 km of ground geophysics, geological mapping of the northwestern portion of the property, and four diamond drill holes totalling 645 m. was completed.

This report includes an appraisal of the 1986 exploration program and recommendations to carry out future exploration.

PROPERTY, LOCATION AND ACCESS

The property is situated in the Abitibi greenstone belt, approximately 70 km from Amos (Figure 1). It is composed of 20 claims covering approximately 800 hectares (2 000 acres), and includes lots 29 to 35 in Range IV, lots 29 to 34 in Range V, and lots 27 to 33 in Range VI (Figure 2). The list of claims is given at the end of the text in Table 1, and they have been duly filed and registered with the M.E.R.Q. The property is situated on NTS sheet 32E/1 (1:50 000) and on the Quebec Geoscientific Compilation series 32E/1-0402 (1:20 000) at longitude 78 18°W and latitude 49 14°N.

The property is easily accessible via an all weather gravel road heading north from the small town of Villemontel, which is located along the paved Amos-La Sarre regional highway. The gravel road runs through the centre of the Dalet property.

Qualified manpower, services and electricity are readily available in northwestern Quebec.

The topography varies from flat to the southwest of Mazarin Township and to the southeast of Celoron Township, to hilly in

the southeast of Carqueville and Dalet Townships where outcrops are abundant. Swampy low ground is common and overburden may locally be thick. The forest cover is usually black spruce and alders in low wet areas with black spruce and patches of birch, aspen and willows in well-drained areas. The topography of the Dalet property is irregular, varying from low alder swamps generally restricted to the east side of the property to a hilly topography with black spruce on the west side of the property. Most of the timber has been completely logged out and replanted.

PREVIOUS WORK

A few companies have conducted limited exploration programs within the boundaries of the Dalet property of EXPLORATION OMEGA INC., but no major economic mineral occurrences have been located.

Geophysical studies have provided the major incentives for drilling. A number of magnetic and electromagnetic airborne and ground surveys have been conducted on the property since 1950 and a list of this work is given at the end of this report in Table II.

Drilling for base metal objectives (GM29348) has occurred in Lots 25 and 26 of Range IV (Rio Tinto 1964, 1965 and in 1971 by U.S. CA Mex and Standard Nickel in Lot 26, Range IV); on Lot 23 Range IV by Noranda in 1971 on a strong HEM conductor. This hole contained 2-25% sulphides with up to 0.14% copper.

REGIONAL GEOLOGY

The Dalet property of EXPLORATION OMEGA INC. occurs within the central zone of the Abitibi volcanic belt extending from Timmins, Ontario to Chibougamau, Quebec within the Superior Structural Province of the Canadian Shield (Figure 3). The volcanic, sedimentary and intrusive rocks of the region are Archean in age, except for younger diabase dykes. The studied area consists essentially of basaltic pillowed lavas, massive basaltic lavas (and/or coarse diabase sills), andesitic blocky tuffs, lapilli tuffs and fine grain tuffs. Flow breccias and felsic tuffs are rare and no sediments were observed. This sequence is cut by some synvolcanic diabase dykes and some ultramafic dykes. Plutons of varying composition from hornblend diorite to biotite rich leucotonalite were subconcordantly put in place in the volcanic complex. A 1 to 3 kilometer contact metamorphic envelope

transformed the host volcanic rocks to amphibolites.

Elsewhere, the parameters are mostly characteristic of the green schist facies or the amphibolite-almandine facies. Some ENE-WSW proterozoic diabase quartz-rich dykes and olivine diabase dykes also cross the area.

From a tectonic point of view, the following points may be retained:

- The presence of a basin underlying the Baldwin hills extending NE called the Tanshell Lake basin.
- An antiform complex oriented at 340° azimuth occupying the centre of Dalet township extending towards Poirier township. This second phase structure is probably an antecedent first phase complex structure.
- A series of NS faults oriented 335° cut the area. Several of them were identified within the nose of the antiform.
- Numerous base and precious metal deposits have been found in the volcanic and felsic intrusives of northwestern Quebec over the years. Of recent interest are the Belmoral and New Pascalis gold mines which are located within and at the margins of granitic batholiths. These two deposits have

sparked exploration in similar geological environments in the region. The Dalet Property is located adjacent to a southwestern contact of a granitic batholith within a volcanic pile.

GEOLOGY OF THE PROPERTY

The geology is well identified from the abundance of outcrops surfacing in this area and the geological trends are well confirmed by the public airborne geophysical surveys (Figure 4). The rocks underlying the Dalet claim group have been mapped as thin layers of brecciated and massive andesites, porphyritic and massive lavas of mafic composition and mafic tuffs. These various beds and interbeds are oriented between 335° and 360° azimuth and their schistosity is generally subvertical. An east-northeast trending diabase dyke cuts the northern part of the property, and the margin of a granitic/granodioritic batholith has been mapped under the eastern claims (Geological map in pocket).

ECONOMIC GEOLOGY

The economic geology is characterized by the predominance of silver, copper, gold, molybdenum and asbestos showings by order of importance where most are associated with pyrite and/or pyrrhotite within schistosed ankeritized lavas, amphibolitized and mafic tuffs (Figure 5).

Numerous showings, namely gold, silver, copper, nickel-copper, molybdenum and asbestos have been found in the vicinity of the property under study, one of which belong to BRAHMA RESOURCES' large southeast claim group where 0,5 gram of Ag/t were revealed and the other occurring on the small Dalet claim group revealing 0,7 gram of Ag/t. Gold showings also occur nearby, in the southeast corner of Carqueville township, where a selected sample assayed 0,44 oz/t gold, in pyrite, chalcopyrite on pyrrhotite associated to brecciated quartz stringers and their contact zones. (Ref. Kerr Addison, Report on Exploration Activities of the Carqueville Claims, 1984).

Alteration is also prominent in the mineralized areas. Pervasive carbonatization, sericitization and pyritization (amongst others) may be superimposed on the regionally metamorphosed greenschist

grade rocks of the belt within areas of gold mineralization. This suggest a genetic link between some gold lodes and intense hydrothermal activity. The larger mining camps within the belt are characterized by a close proximity to deep seated fracture systems. Felsic igneous intrusive rocks appear related to the major fault systems. The area under study is characterized by such an environment. The recent VIOR discovery - Ligneris township, the Perron Gold Mines deposit, the Agnico-Eagle Mines, and all the occurences of mineralization present make the area very attractive for gold-silver exploration.

RECENT WORK

The following work was completed on the property from September 1 to November 1, 1986:

- 1) Line cutting: 47.3 km over the whole property
- 2) Ground Geophysics: Total Field & Vertical Gradient
Magnetic Survey: 40.1 km
VLF-EM Survey: 40.1 km
Horizontal Loop EM: 13.8 km
- 3) Geological Mapping: covered 2/3 of the property
- 4) Diamond Drilling: four holes totalling 645 m.

A series of east-west lines at 200 m separation were cut over the entire property, with pickets at each 25 m interval. A total of 47.3 km of crosslines, baselines and tielines were prepared. VLF-EM, total field and vertical gradient magnetic data was acquired on all lines on the property by C.D.I. Surveys Inc. Detailed evaluation of some of the VLF-EM targets were concluded over 13.8 km of survey lines.

Detailed geological mapping of 2/3 of the property was done by personel from GEOLOGICA INC. Diamond drilling of the four holes was completed by Les Entreprises Marcel Rouiller Inc. of Amos, Quebec. The supervision and drill logging was done by personnel from GEOLOGICA INC. All the chemical analyses were completed by Laboratoire Minéralurgique 110750 Canada Inc. and Bourlamaque Assay Laboratories Ltd. of Val d'Or, Quebec.

RESULTS

1- Geophysical Surveys

A. VLF-EM

The VLF-EM survey was conducted along east-west lines using the

VLF transmitter at Annapolis, Maryland (NSS-21.4 KHZ). Data was acquired at a nominal spacing of 25 m with 12.5 m spacings where anomalous responses were observed. The VLF data for Station NSS represents a very complex area in which 55 conductors (labelled D-1 to D-55) have been identified and catalogued.

The region is characterized by several very conductive units having a north-northwest strike. There are some conductors striking northeast which tend to have a more moderate amplitude. These occur in the northern part of the property and are possible faults or shears considering the general strike of the regional geology.

The most interesting VLF anomalies, on the basis of strength and shape, are D-2, D-3, D-4, the junction of D-5/D-6 on L6N, D-24, D-29, D-40 and D-47. Detailed results are presented in the Geophysical Report written by C.D.I. Surveys Inc. (1986).

B. Magnetic survey

Both total field intensity and vertical gradient magnetic surveys were conducted over the entire property along the survey lines at 25 m intervals with detailing as required.

Five different features are distinctive on the Dalet Property. In the extreme northwest portion is an area of low magnetic response. Just to the south, an anomaly of high amplitude (2500 to 3000 gammas above background) cuts across the northern lines of the grid at an azimuth of 60-75 degrees. This is interpreted to be a diabase dyke which extends across northern Quebec from La Sarre. South of the diabase dyke, the property can be divided into three magnetic units. To the west, a zone of moderate response which, further to the south contains several sharp highs and lows; in the middle, a region of high magnetic response (above 1000 gammas), and to the east, another zone of moderate response which tends to be flat and of little variation. This eastern zone is present from L 12N to L 10S at which point the central zone dominates the property. However, from L 16S to L 26S from west to east (striking northwesterly), there appears to be a contact between this central zone and the zone to the west. The western zone is expected to be mafic volcanics and agglomerates, the

central zone an ultramafic, and the zone to the east the granitic batholith.

Detailed results of the magnetic survey are presented in the Geophysical Report written by C.D.I. Surveys Inc. (1986).

C. Horizontal Loop EM Survey

A horizontal loop EM survey was conducted over selected VLF anomalies at 25 m stations. Two frequencies of 1777 Hz and 444 Hz were used with a coil separation of 100 m.

The HEM survey results showed minimal in phase expression over the VLF conductors. There were identifiable quadrature anomalies which were coincident with the VLF units. This indicated that the anomalies were weakly conductive within 60 metres of the surface. The results at frequencies of 1777 Hz and 444 Hz are inconclusive in defining interpretable results to provide drilling targets. By increasing the coil separation, it can be determined that In Phase anomalies are present. However, this results in a lack of resolution for closely spaced parallel conductors. Detailed results are presented in the Geophysical Report written by C.D.I. Surveys Inc. (1986).

2. Geological Mapping

Detailed geological mapping was conducted over 2/3 of the property, mainly in the north and west. Numerous outcrops surface in this area, and were mapped mainly as massive and pillowed basalts orientated between 335° and 360° azimuth. They generally dip subvertically to the west. An east to northeast trending diabase dyke cuts the northern part of the property. (See map in pocket)

Outcrops in the south and east were scarce, but diamond drilling and the public airborne geophysical surveys indicated the margin of a granitic/granodioritic batholith under the eastern claims.

Six handsamples were assayed for gold, silver with the following results:

Sample number	Au (oz/ton)	Ag (oz/ton)
6951	Tr	0.183
6952	.02	0.073
6953	Tr	0.029
6954	Tr	0.022
6955	Tr	0.037
6956	Tr	0.018

3. Diamond Drilling

Following a reconnaissance exploration program over the entire Dalet Property and detailed geophysical and geological surveys, a preliminary diamond drill program was carried out during the period October 1 to Oct. 21, 1986. 645 metres in 4 holes were drilled to evaluate the potential of several VLF EM-16 geophysical targets and determine the contact of the granitic pluton in the eastern part of the property. The following is a brief description of the results. (See Appendix I, II and III).

DAL-86-1 (Section 14+00N)

Location: 14+00N/3+10W (C.D.I. Grid); Az: 90°; Dip: 45°;

Length: 706.0' (215 m)

Target: to test the two VLF EM-16 conductors at 14+00N/2+75 W and at 14+00N/1+75W.

This hole intersected a zone of intercalated basalt with an intermediate intrusive. The rock is generally highly

altered, probably due to its close proximity to the northeast trending diabase dyke. The two VLF EM-16 conductors correspond to the two intrusive/basalt contacts at 420.0 and 454.5 feet. Pyrite is present in the fractures of the basalt within this interval. The altered intermediate intrusive hosting several quartz-carbonate veins returned the best value of 0.08 oz Au/t over 2.0 feet (358 @ 360 ft).

DAL-86-2 (Section 21+70S)

Location: 21+70S/9+15E (C.D.I. Grid); Az: 230°; Dip: 45°

Length: 470' (143 m)

Target: to test the VLF EM-16 conductor at 22+00S/8+75E (D-29).

The VLF conductor, D-29, was unexplained in this hole. No sulphides were intersected at approximately 35 m depth downhole, although a basalt containing 5% pyrrhotite and pyrite in stringers was intersected at approximately 22+00S/8+25E. All interesting sections were sampled for gold, but results were all less than 0.02 oz Au/t.

DAL 86-3 (Section 10+00S)

Location: 10+00S/11+00E; Az: 90°; Dip: 45°; Length: 516.0'
(157 m)

Target: to test two VLF-EM 16 conductors (D-37 and D-30) at 10+00S/11+25E and at 10+00S/12+25E, respectively. This hole was also targeted to define the basaltic-granitic contact.

The D-37 VLF EM-16 conductor corresponded to a thin altered basalt at 105.9 feet containing a trace of fine grain disseminated sulphides. The second conductor was not located because drilling was terminated before the conductor was intersected. The hole was spotted in a strongly magnetic granodiorite, instead of a basalt. All interesting sections were sampled, but results were all less than 0.02 oz Au/t.

DAL-86-4 (Section 14+50N)

Location: 14+50N/1+50W; Az: 270°; Dip: 50°; Length: 428.0'
(130 m)

Target: to test the strike extent of the mineralized intermediate intrusive from hole DAL-86-1, which contained the value 0.08 oz Au/t. The hole intersected the intermediate intrusive from hole DAL-86-1, but assay results were disappointing. Only one value of 0.01 oz Au/t over 23' was obtained from a bull white quartz vein. The mineralized

intrusive seems to be continuous over a strike length of 50 meters.

CONCLUSIONS AND RECOMMENDATIONS

The Dalet Property of OMEGA EXPLORATION INC. is located in a favourable environment for gold and silver mineralization. The geological environment belongs to the Abitibi "greenstone belt", and this claim group is marginal to a granitic intrusive. A diabase dyke running through the northwestern portion of the property, suggests a transportation mechanism for fluid movement and the deposition of precious metals. Intensely altered metavolcanic and volcano-sedimentary rocks of varying composition in the northwest section of the property supports this theory.

Preliminary diamond drilling obtained one result of 0.08 oz Au/t over 2.0 feet confirming the presence of gold mineralization on this property. As well, important gold deposits and occurrences are present in the area (Agnico Eagle, Perron, Vior).

In further evaluating the Dalet Property, the following exploration program is recommended.

Detailed geochemical soil sampling program over the entire property with the perspective of finding mineralized zones.

A reverse circulation overburden basal till sampling program to obtain valuable geological information as well as sample values of economic interest. These holes should be drilled across the property every 400 meters to a depth of at least 5 feet into the bedrock to obtain a geochemical picture of the whole property.

Diamond drilling should be completed over the best targets, with particular emphasis on the northern section proximal to the diabase dyke. This would investigate drill results obtained in hole DAL-86-1, and test the best geochemical anomalies.

PHASE I A

GEOLOGICAL, GEOPHYSICAL AND SOIL GEOCHEMICAL SURVEYS

- Line cutting	8,000\$	
- Geological Survey	14,000\$	
- Soil geochemical survey	11,000\$	
- Electrical I.P. survey	<u>48,000\$</u>	
TOTAL OF PHASE I A:		<u>81,000\$</u>

PHASE I B

GEOCHEMICAL DRILLING - REVERSE CIRCULATION METHOD

- Drilling of the best geophysical and geochemical targets	<u>100,000\$</u>	
TOTAL OF PHASE I B		<u>100,000\$</u>

PHASE II

- Diamond drilling over the best targets.	<u>150,000\$</u>	
TOTAL OF PHASE II		<u>150,000\$</u>
Supervision, planning, selection of drill targets and report for all the phases.	33,000\$	
Contingencies (10%) covering all the phases.	36,000\$	
		<u>69,000\$</u>
TOTAL PHASES I A, I B AND II		<u>400,000\$</u>

January 20th, 1987

A. J. Beauregard

Alain Jean Beauregard, Geol., B.Sc.

Abdelkader Khobzi

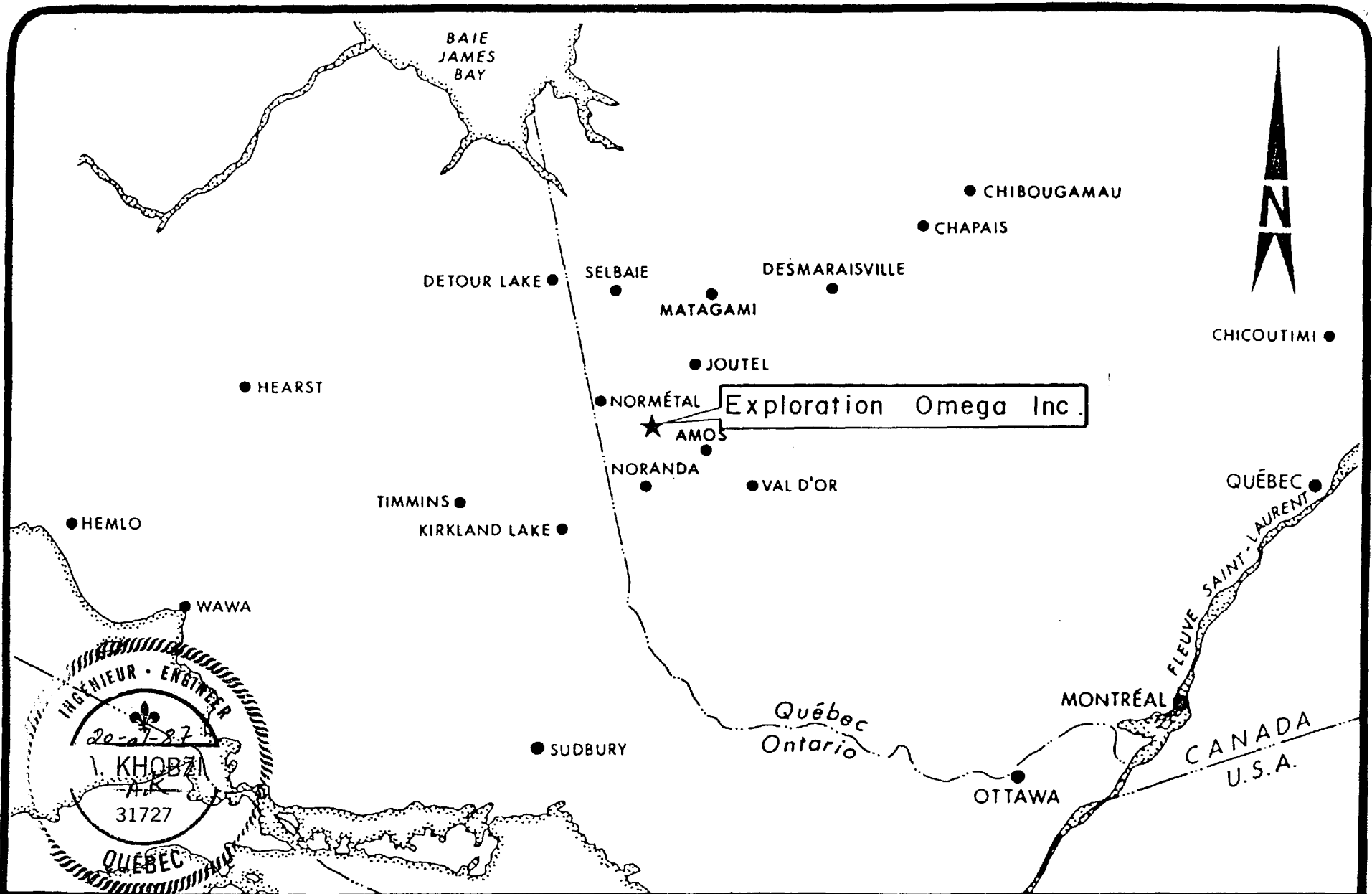
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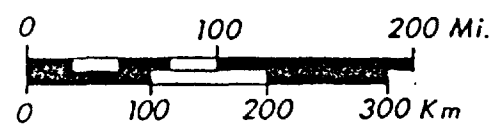
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 20-07-87
 I. KHOBZI
 31727
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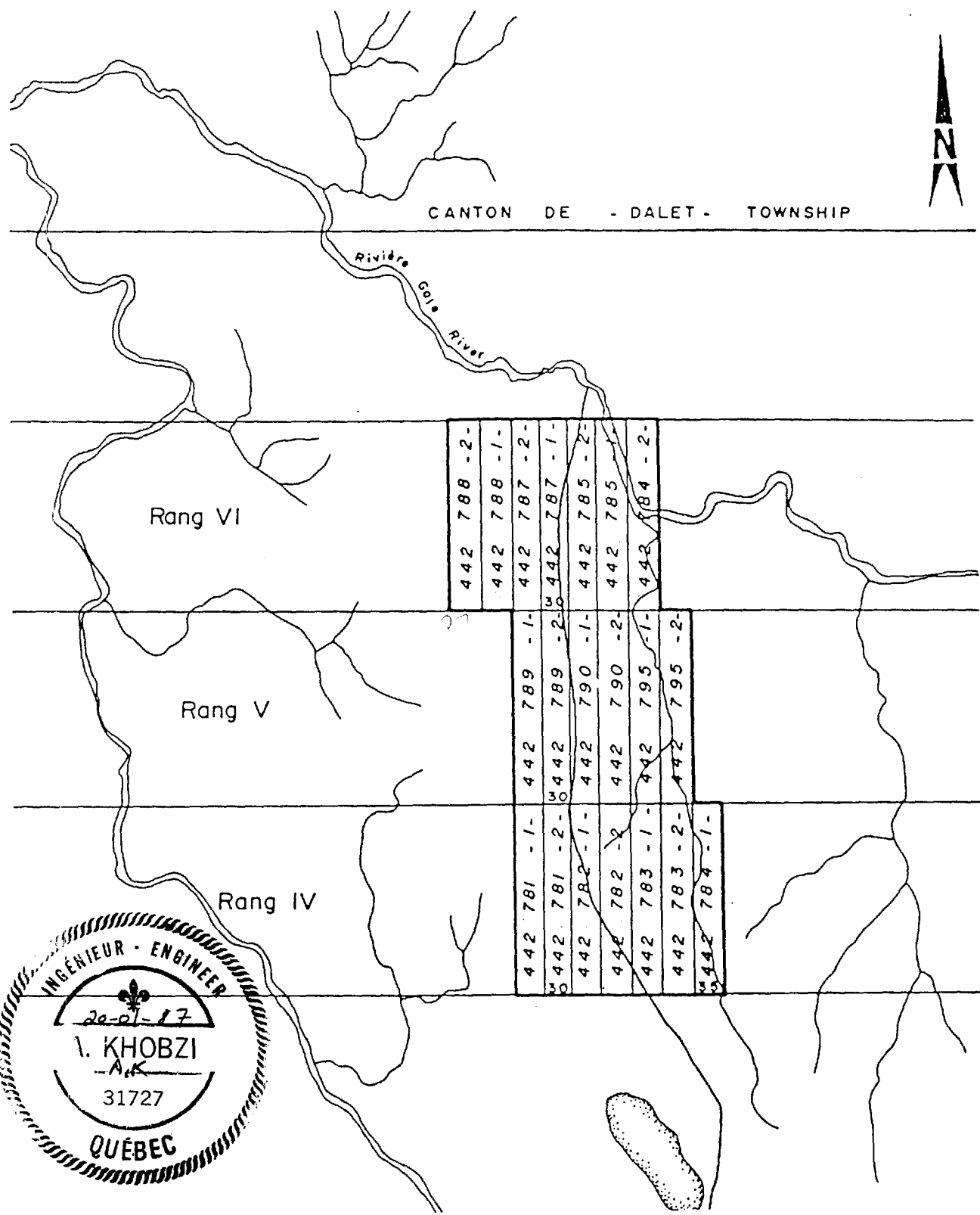


CARTE DE LOCALISATION
 LOCATION MAP

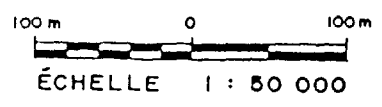
Figure N° 1



CANTON DE - DALET - TOWNSHIP



GEOLOGICA INC.



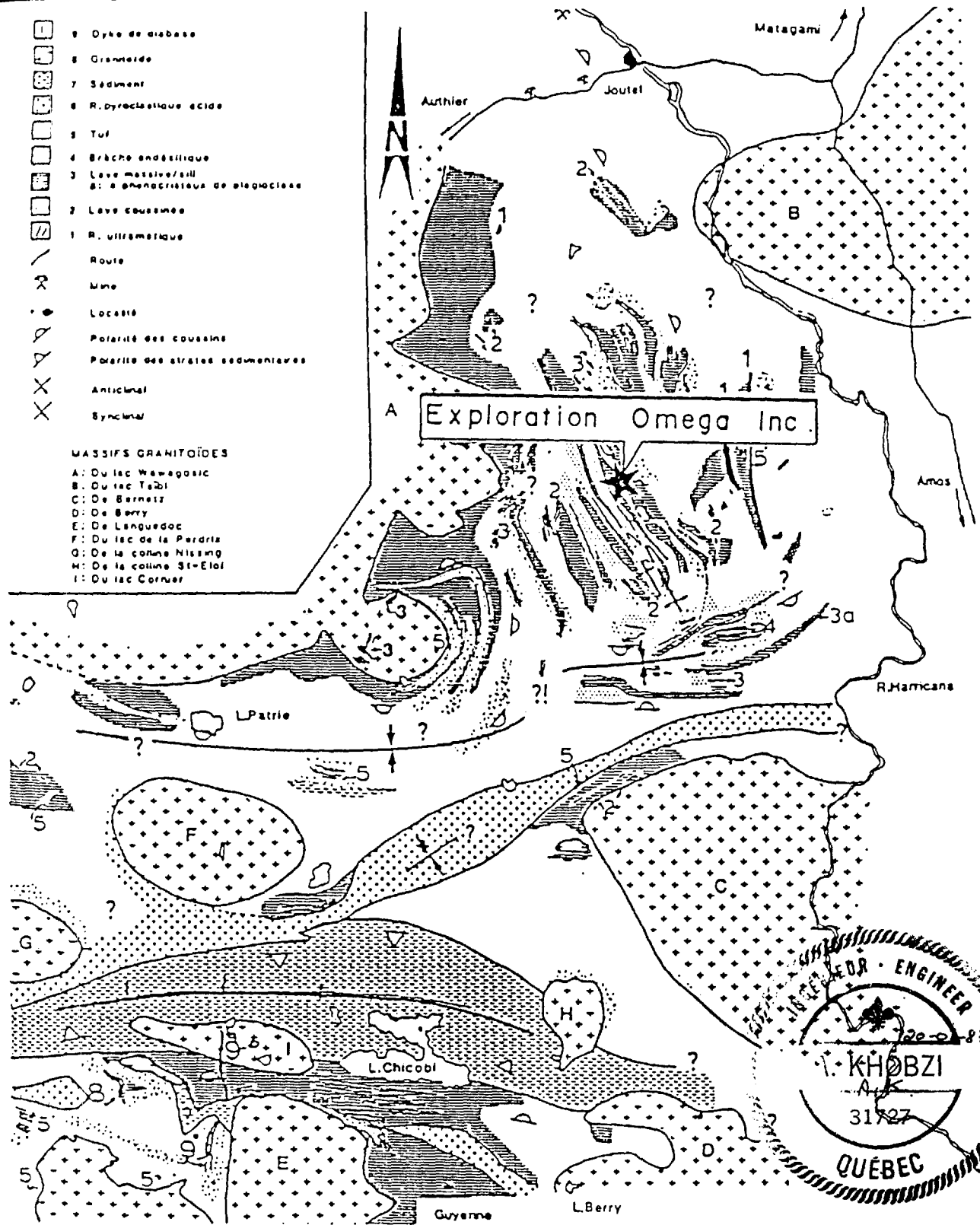
CARTE DE CLAIM
CLAIM MAP

Figure N: 2

- 8 Dyke de diabase
- 8 Granroide
- 7 Sédiment
- 6 R. dyreclastique acide
- 5 Tuf
- 4 Brèche andésitique
- 3 Lave massive/sill
3a: à phénocristes de plagioclase
- 2 Lave coussinée
- 1 R. ultramafique
- Route
- Mine
- Localité
- Polarité des coussins
- Polarité des strates sédimentaires
- Anticlinal
- Synclinal

MASSIFS GRANITOÏDES

- A: Du lac Wawegasic
- B: Du lac Tsibi
- C: De Bernitz
- D: De Berry
- E: De Lanquedoc
- F: Du lac de la Perdrix
- G: De la conne Nissang
- H: De la colline St-Eloi
- I: Du lac Corvier

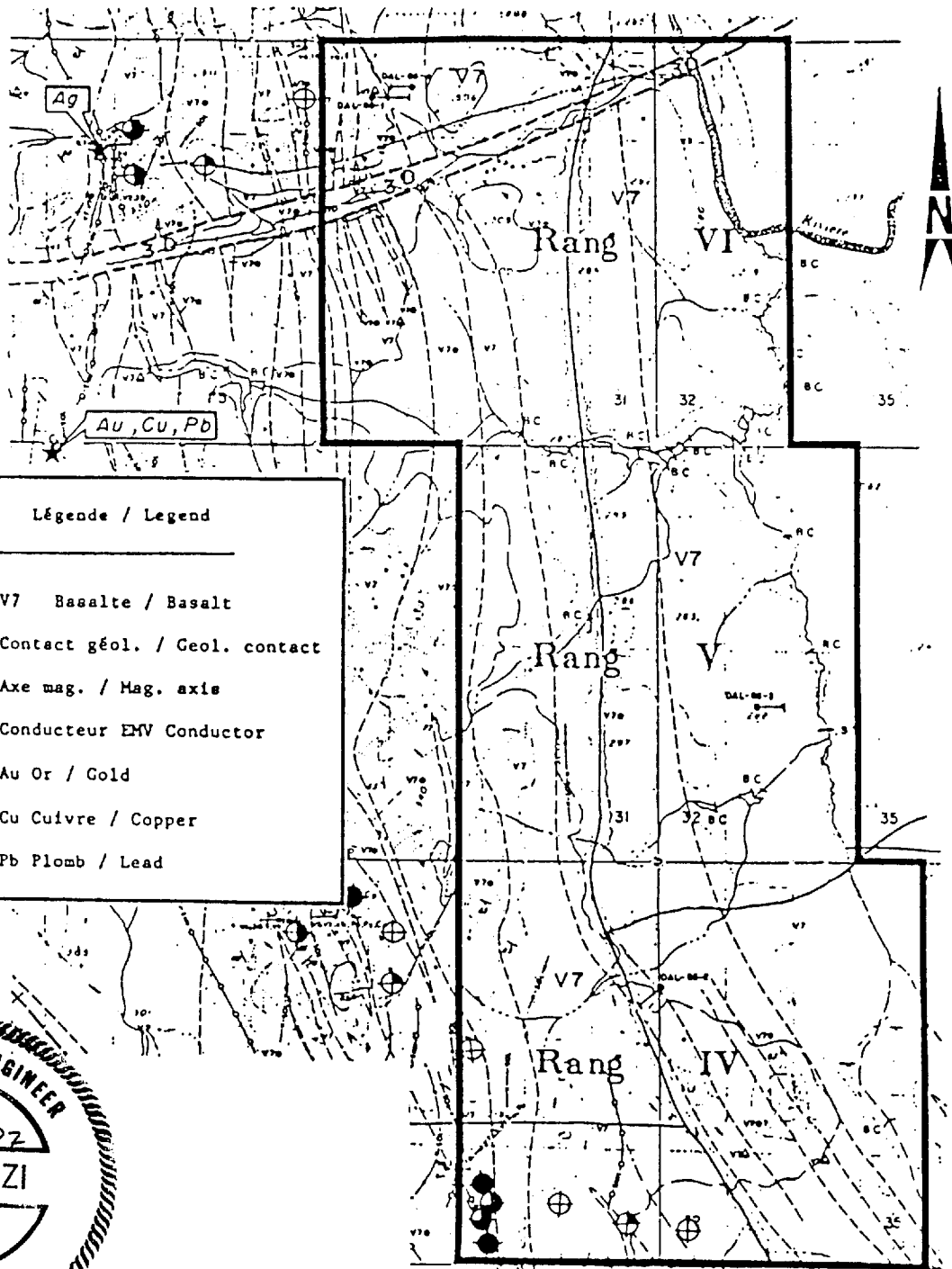


GEOLOGICA INC.

**GÉOLOGIE RÉGIONALE
REGIONAL GEOLOGY**



Figure N° 3



GEOLOGICA INC.

CARTE DE COMPILATION
COMPILATION MAP

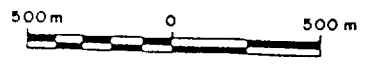
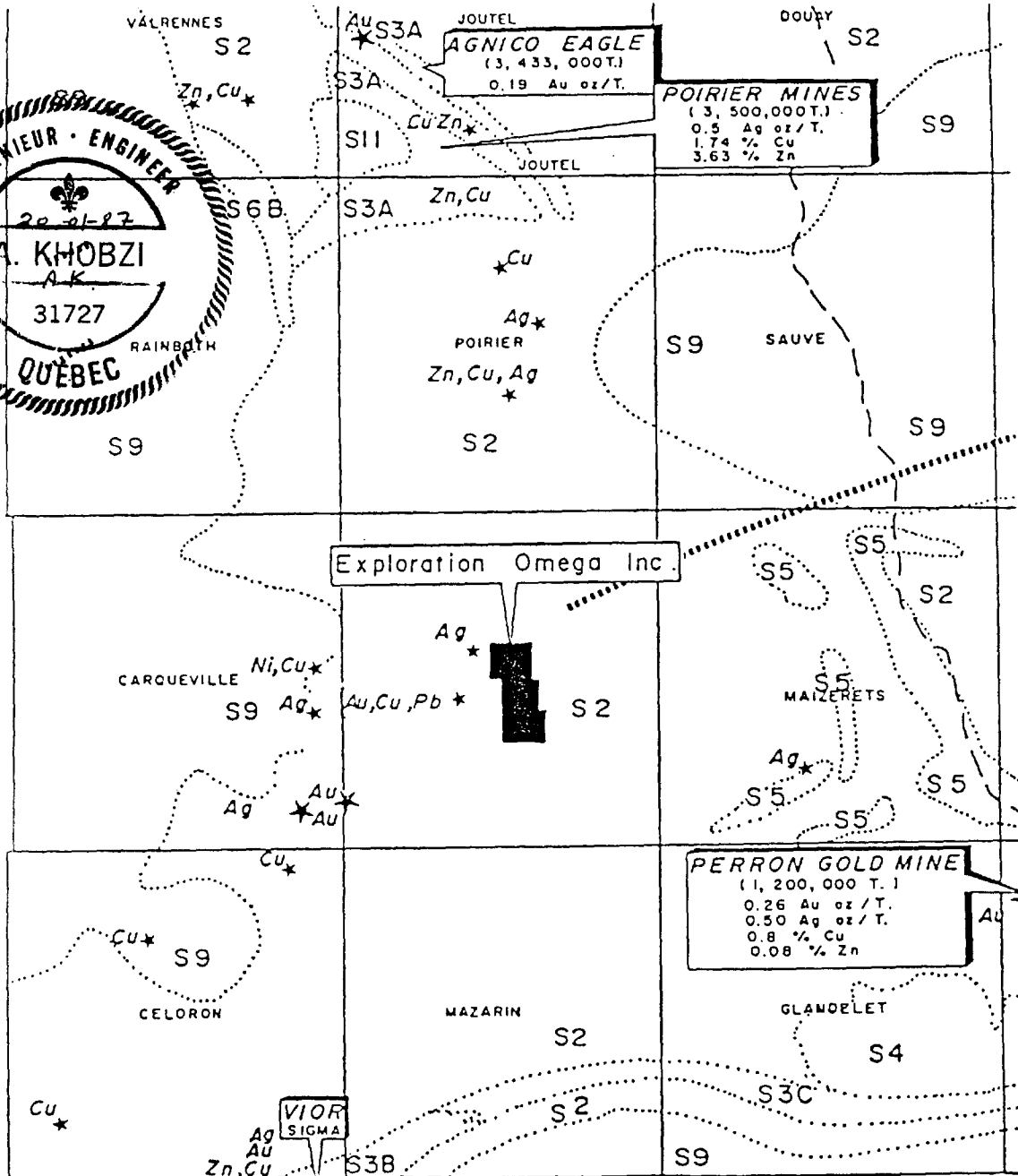
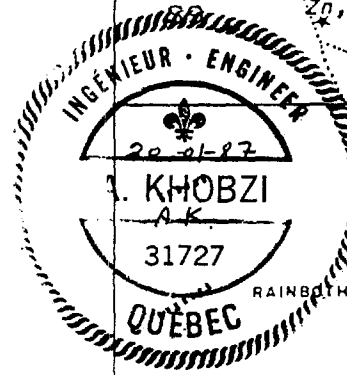


Figure N° 4



LEGENDE / LEGEND

- | | | | |
|-----|--|-------|---|
| S2 | Roches volcaniques mafiques / mafic volcanic rocks | ----- | Dyke de diabase / diabase dyke |
| S3 | Roches felsiques / felsic rocks | | Contact géologique / geological contact |
| S4 | Roches sédimentaires / sedimentary rocks | Au... | Or / gold |
| S5 | Peridotite | Ag... | Argent / silver |
| S9 | Granitoïdes | Cu... | Cuivre / copper |
| S6 | Diorite | Fe... | Fer / iron |
| S11 | Granite | Ni... | Nickel |
| | | Pb... | Plomb / lead |
| | | Po... | Pyrrhotine |
| | | Py... | Pyrite |

GEOLOGICA INC.

**CARTE MÉTALLOGÉNIQUE
METALLOGENIC MAP**

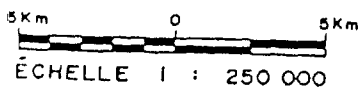


Figure N° 5

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

TABLE 1 - LIST OF CLAIMS

<u>CLAIM #</u>	<u>TWP</u>	<u>RANGE</u>	<u>LOT</u>	<u>AREA</u>	<u>EXPIRY DATE</u>
442781-1	DALET	IV	29	40 ha	25-02-87
442781-2	DALET	IV	30	40 ha	25-02-87
442782-1	DALET	IV	31	40 ha	25-02-87
442782-2	DALET	IV	32	40 ha	25-02-87
442783-1	DALET	IV	33	40 ha	25-02-87
442783-2	DALET	IV	34	40 ha	25-02-87
442784-1	DALET	IV	35	40 ha	26-02-87
442784-2	DALET	VI	33	40 ha	26-02-87
442785-1	DALET	VI	32	40 ha	26-02-87
442785-2	DALET	VI	31	40 ha	26-02-87
442787-1	DALET	VI	30	40 ha	25-02-87
442787-2	DALET	VI	29	40 ha	25-02-87
442788-1	DALET	VI	28	40 ha	25-02-87
442788-2	DALET	VI	27	40 ha	25-02-87
442789-1	DALET	V	29	40 ha	26-02-87
442789-2	DALET	V	30	40 ha	26-02-87
442790-1	DALET	V	31	40 ha	26-02-87
442790-2	DALET	V	32	40 ha	26-02-87
442795-1	DALET	V	33	40 ha	25-02-87
442795-2	DALET	V	34	40 ha	25-02-87

Dalet Property of EXPLORATION OMEGA INC. is a group of 20 claims covering approximately 800 hectares (2000 acres) in the Dalet Township, northwestern Quebec.

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

TABLE II - LIST OF PREVIOUS WORK

- GM 007319 KENNCO EXPL LTD, MAIZERETS, GLANDELET, DALET, POIRIER & SAUVE
TWPS, QUEBEC, PLAN OF AIRBORN MAG AND EM SURVEY BY AEROMAGNETIC
SURVEY LTD, 1958, GM 7319, 0P, 4 PLANS, 1/31680
32E/01,0104,0203,0204,0302,0303,0304,0402,0403,0404,2
ET 32E/08
- GM 011005 LANG, BERT & OTHERS, DALET, MAIZERETS, DOUAY, JOUTEL RAINBOTH,
SAUVE, POIRIER, VALRENNES TWPS, QUE, AIRBORNE MAG SURVEY BY J
PRENDERGAST, 1961, GM 11005, 8P, 7 PLANS, 1/15840
32/01,0301,0302,0303,0304,0401,0402,0403,0404,2, ET 32E/08
32F/04
- GM 015381 RIO TINTO CANADIAN EXPLORATION, DALET TOWNSHIP, QUEBEC, REPORT
ON GEOPHYSICAL SURVEYS, BY H O SEIGAL, 1964, GM 15381, 5P, 9 MAPS,
1/2400, 1/31680, 32E/01,0402,**,0402,2
- GM 015784-A RADIURE URANIUM MINES LTD, DALET TWP, QUEBEC, AIRBORNE EM & MAG
SURVEYS, BY CANADIAN AERO SERVICE LTD, 1960, GM 15784-A, 0P, 2
MAPS, 1/15840
32E/01,0401,0402,2
- GM 016945 RIO TINTO CANADIAN EXPLORATION, DALET TOWNSHIP, QUEBEC, 1 DDH
LOG, BY C D SPENCE, 1965, GM 16945, 4P, 2 SKETCHES, 1/2400,
1/31680 32E/01,0402,2

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

- GM 017643 RADIOPURE URANIUM MINES LTD., DALET TOWNSHIP, QUEBEC, EM GUN SURVEY, BY F. BLAKE, 1964, GM 17643, 0P, 1 MAP, 1/4800
32E/01,0401,0402,**,0402,2
- GM 026597 NORANDA EXPLORATION CO. DALET TOWNSHIP, QUEBEC, 1 DDH LOG, BY L B BOURGOIN, 1970, GM 26597, 2P, 2 SKETCHES, 1/1200, 1/31680
32E/01,0402,2
- GM 027286 US-CA-MEX EXPLORATIONS LTD, DALET TOWNSHIP, QUEBEC, REPORT ON EM AND MAG SURVEYS WITH 2 DDH LOGS, BY J T WARD, 1971, GM 27286, 18P, 2 MAPS, 1/4800 32E/01,0402,2
- GM 027752 CABOT EXPLORATIONS LTD, DALET TOWNSHIP, QUEBEC, REPORT ON MAG AND EM SURVEYS, BY I C CHRISTOPHER, 1972, GM 27752, 8P, 2 MAPS, 1/4800
32E/01,0402,1, ET 32E/08
- GM 029347 DUMAR MINES LTD, DALET TOWNSHIP, QUEBEC ELECTROMAGNETIC CHECK SURVEYS, BY J A HONSBERGER, 1973, GM 29347, 6P, 2 SKETCHES, 1/2400
32E/01,0402,3
- GM 029348 DUMAR MINES LTD, DALET TOWNSHIP, QUEBEC, GEOLOGICAL REPORT, BY J R BOISSONNEAULT, 1973, GM 29348, 12P, 1 MAP, 1/12000
32E/01,0402,1

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

- GM 029774 DUMAR MINES LTD, DALET TOWNSHIP, QUEBEC, 2 DDH LOGS, BY J A HONSBERGER, 1974, GM 29774, 5P, 3 SKETCHES, 2/2400, 1/12000
32E/01,0402,1
- GM 030660 CABOT EXPLORATIONS LTD, DALET TOWNSHIP, QUEBEC, GRAVITY SURVEY REPORT, BY I C CHRISTOPHER, 1974, GM 30660, 2P, 1 MAP, 1/2400
32E/01,0402,1 ET 32E/08
- GM 031930 FALCONBRIDGE NICKEL MINES LTD, CANTON DE DALET, QUEBEC, LEVES EM ET MAG, PAR J BOISSONNEAULT, 1976, GM 31930, 7P, 2 CARTES, 1 CROQUIS, 1/2400
32E/01,0402,3
- GM 033451 FALCONBRIDGE NICKEL MINES LTD, DALET TOWNSHIP, QUEBEC, DRILLING REPORT WITH 3 DDH LOGS, BY A J OUELLET, 1977, GM 33451, 21P
32E/01,0402,**,0402,**,0402,4
- GM 034288 SOQUEM, CANTONS DE CARQUEVILLE, DE CELORON ET DE DALET, QUEBEC, RAPPORT PRELIMINAIRE ET GEOPHYSIQUE, PAR GERALD THERIAULT, 1978, GM 34288, 34P, 25 CARTES, 1/2400, 1/2500, 1/50000
32E/01,0301,**,0301,0401,**,0302,0402,2
- GM 034289 SOQUEM, CANTON DE MAZARIN, QUEBEC, PROJET ORAVEM, PAR G THERIAULT, 1977, GM 34289, 16 P, 18 CARTES, 1/2400, 1/2640
32E/01,0101,0201,**,0201,0202,**0302,0402,2

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

- GM 034631 SOQUEM, CANTONS DE CARQUEVILLE ET DE DALET, QUEBEC, RAPPORT
D'UNE CAMPAGNE DE SONDAGE PAR F. VIENS, 1979, GM 34631, 32P, 1
CROQUIS, 4 CARTES, 1/1000, 1/1200
32E/001,0301,**,0402,**,0402,4
- GM 036002 MINES PATINO LTEE, DALET TOWNSHIP, QUEBEC, MAG-EM SURVEYS, 1
DDH LOG, BY M ROY, 1977, GM 36002, 4P, 2 MAPS, 1/2400,
32E/01,0402,4

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

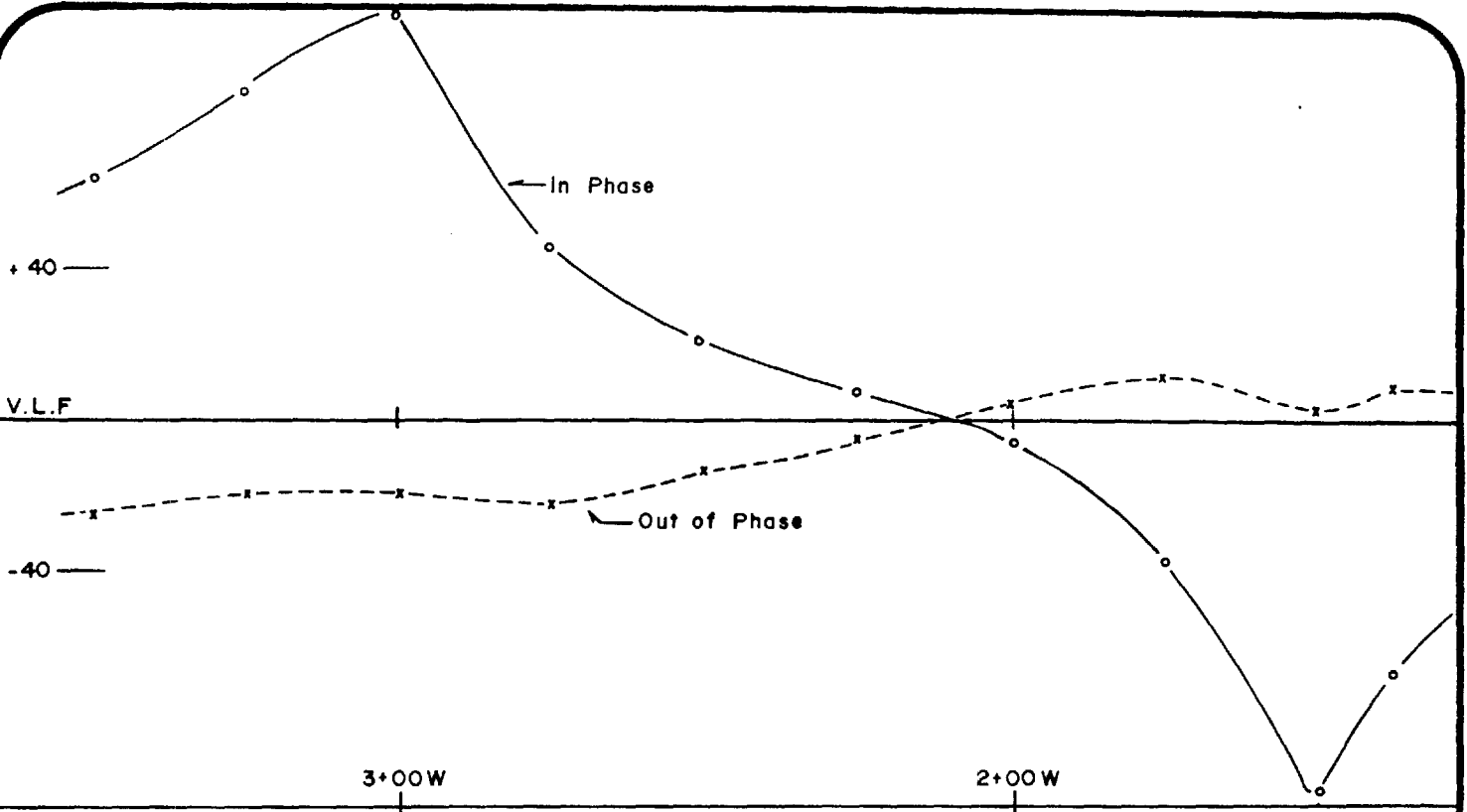
APPENDIX I

DRILL HOLE PARAMETERS

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

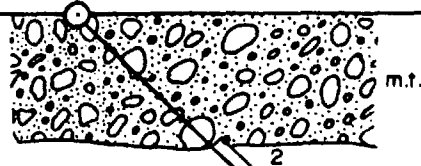
APPENDIX II

GEOLOGICAL SECTIONS



DAL-86-1 (14+00N, 3+10W)

Az. 090°

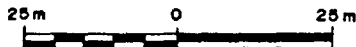


0.7 g/t. Au / 0.6 m

Lamprophyre

0.7 g/t. Au / 0.6 m

0.7 g/t. Au / 0.6 m
 2.7 g/t. Au / 0.6 m
 0.7 g/t. Au / 1.2 m
 0.7 g/t. Au / 1.3 m



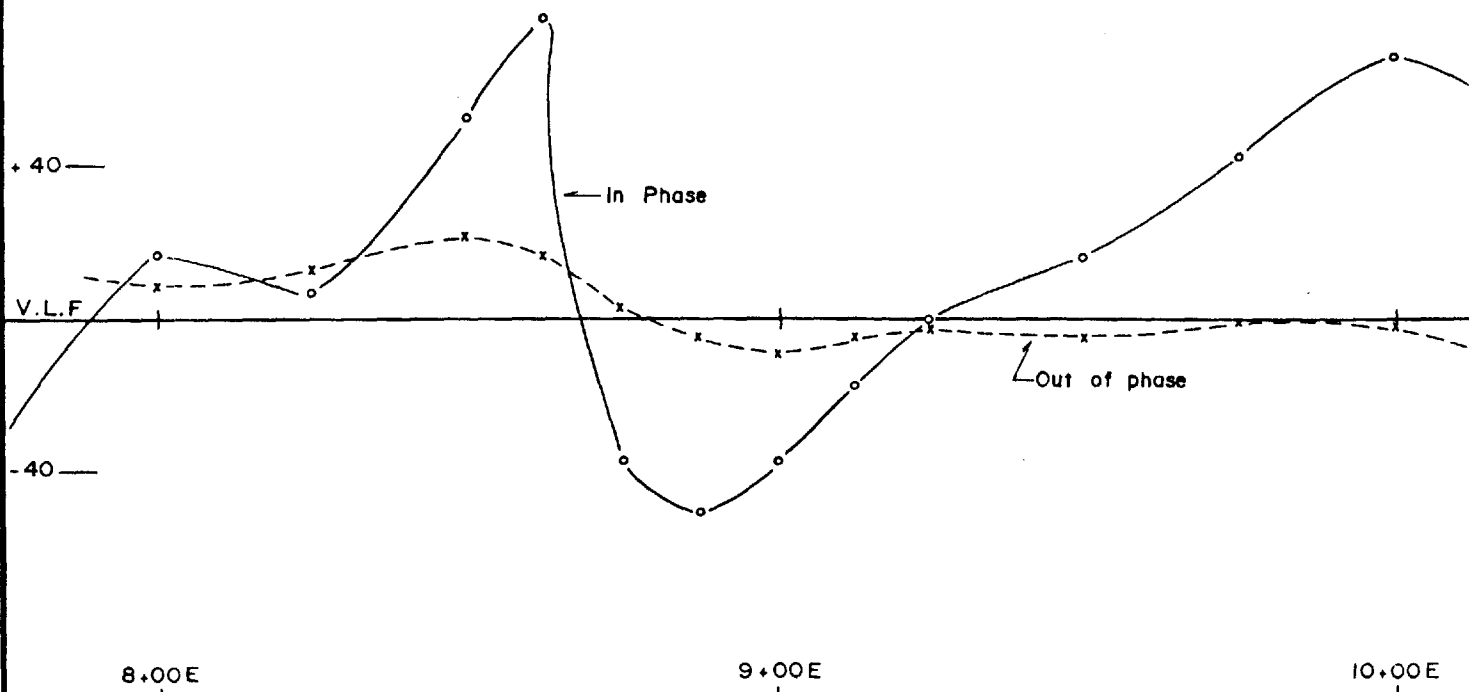
DAL - 86 - 1
SECTION 14 + 00 N

GEOLOGICA INC. A.J. BEAUREGARD, B.Sc.
 K.A. KHOBZI, Ing. M.Sc.

NTS/RÉR/ 32 E/1	GÉOLOGIE/GEOLOGY/ L. AHERN
CANTON/TWR/ DALET	DESSINÉ/DRAWN/ H. PRATTE
CLAIM : 442 788-1	REVISÉ/REVISED/ K.A. KHOBZI, Ing. M.Sc.
ÉCHELLE/SCALE/ 1 : 1250	CARTE/MAP NO./ DATE/JANV/1987

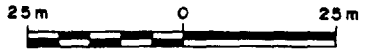
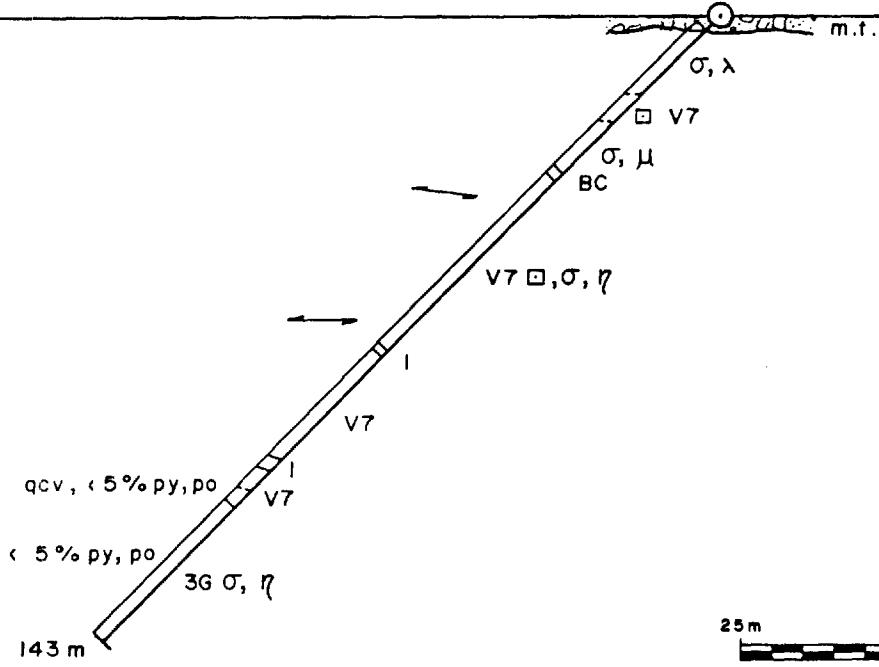
0.7 g/t. Au / 0.3 m
 0.7 g/t. Au / 0.6 m

* Voir légende sur carte de Compilation.



DAL-86-2 (21+70 S, 9+15 E)

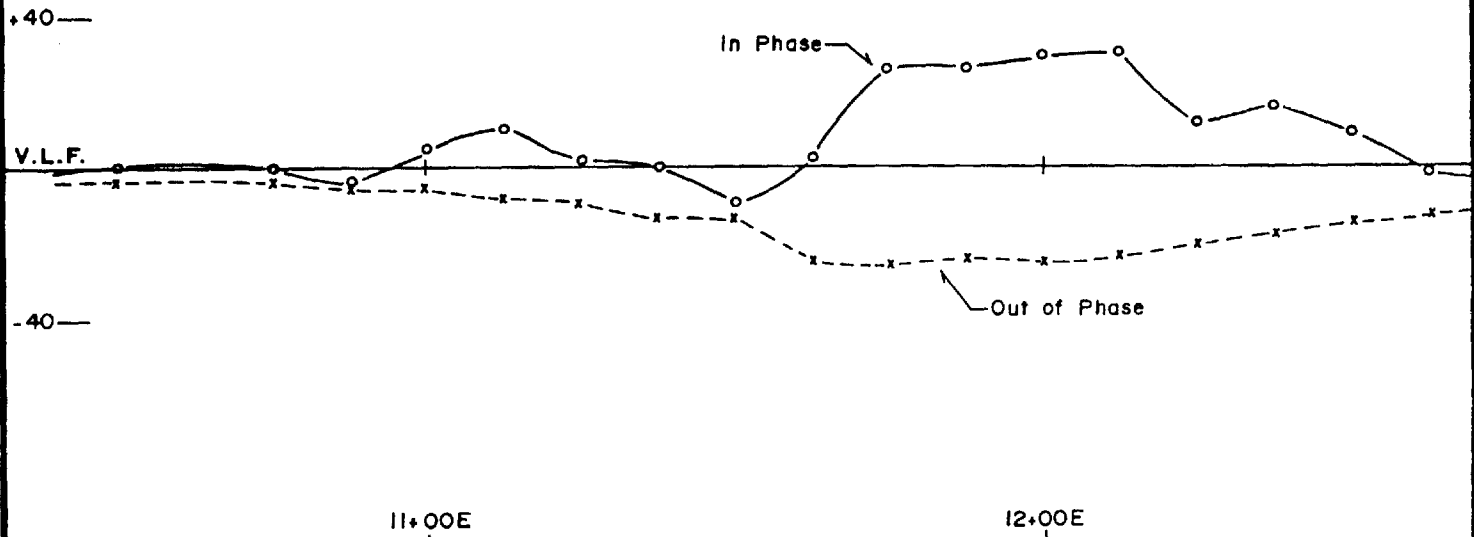
Az. 230°



**DAL - 86 - 2
SECTION 21 + 70 S**

* Voir légende sur carte de Compilation.

GEOLOGICA INC.		A. J. BEAUREGARD, B.Sc.	
		K. A. KHOBZI, Ing., M.Sc.	
NTS/RÉF/	32 E / I	GÉOLOGIE/GEOLOGY/	L. AHERN
CANTON/TWR/	DALET	DESSINÉ/DRAWN/	H. PRATTE
CLAIM : 442 782 - 2		REVISE/REVISED/	K. A. KHOBZI, Ing., M.Sc.
ÉCHELLE/SCALE/	1 : 1250	CARTE/MAP NO./	DATE/JANV./1987



DAL-86-3 (10+00S, 11+00E)

Az. 090°

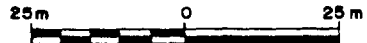
m.f.

ID

V7

ID, IG

157m

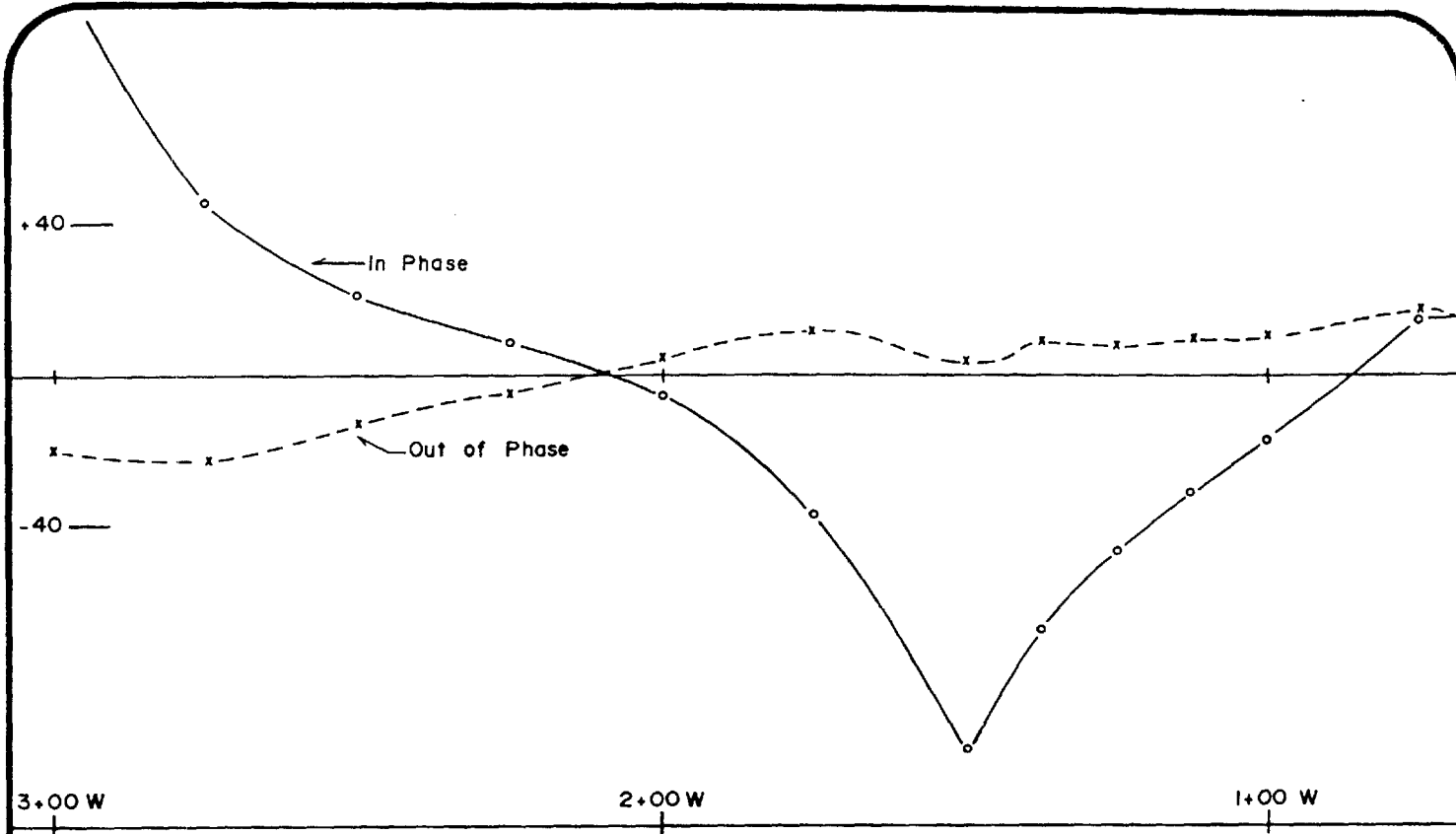


DAL - 86 - 3
SECTION 10 + 00 S

GEOLOGICA INC.
A. J. BEAUREGARD, B.Sc.
K. A. KHOBZI, Ing. M.Sc.

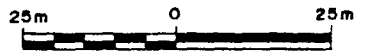
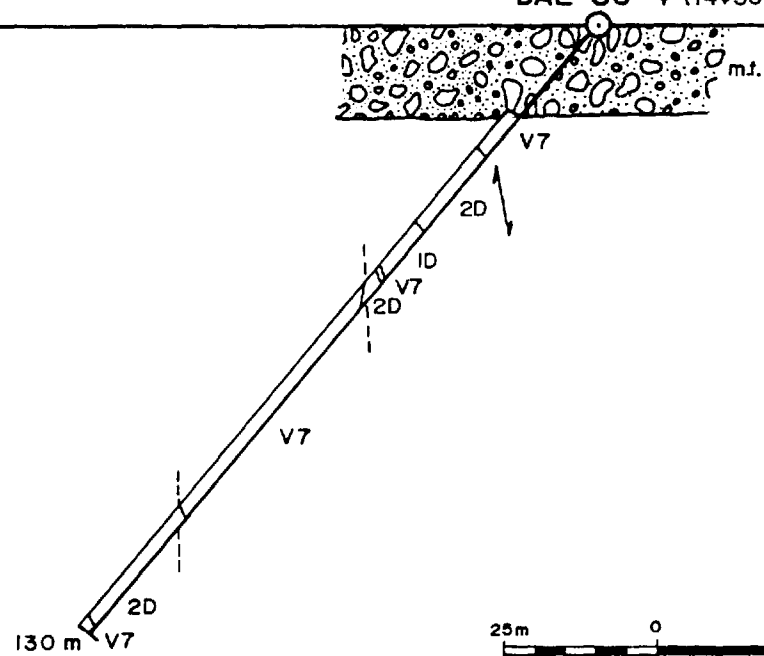
NTS/RÉF/	32E/1	GÉOLOGIE/GEOLOGY/	L. AHERN
CANTON/TWR	DALET	DESSINÉ/DRAWN/	H. PRATTE
CLAIM	442 750-1	REVISE/REVISED/	K.A. KHOBZI, Ing.M.Sc.
ÉCHELLE/SCALE/	1:1 250	CARTE/MAP NO./	DATE/JANV./1987

* Voir légende sur carte de Compilation.



Az. 270°

DAL-86-4 (14+50 N, 1+50 W)



DAL-86-4
SECTION 14+50 N

GEOLOGICA INC.		A.J. BEAUREGARD, B.Sc.
		K.A. KHOBZI, Ing. M.Sc.
NTS/REF/	32 E / 1	GÉOLOGIE/GEOLOGY/ L. AHERN
CANTON/TWR/	DALET	DESSINÉ/DRAWN/ H. PRATTE
CLAIM 442 786-2		REVISÉ/REVISED/ K.A. KHOBZI, Ing. M.Sc.
ÉCHELLE/SCALE/	1 : 1 280	CARTE/MAP NO./
		DATE/JANV./1987

* Voir légende sur carte de Compilation.

REPORT ON THE DALET PROPERTY; EXPLORATION OMEGA INC.

APPENDIX III

DIAMOND DRILL LOGS

Exploration Omega Inc.

JOURNAL DE SONDAGE / DRILL HOLE RECORD

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 14+00N LONGITUDE: 3+10W

SONDAGE No:
 HOLE No: DAL-86-1

ELEVATION: AZIMUTH: 90°

PROPRIÉTÉ / PROPERTY Dalet

INCLINAISON/DIP: 45°

TYPE DE FORAGE/TYPE OF DRILLING: Diamond Drilling

CLAIM NO: Lot 27, Range VI

Rouiller Drilling Company

SECTION: 3+10W

LONGUEUR/LENGTH: 706' (215.2 m)

DIMENSION DE LA CAROTTE/CORE SIZE: BQ

DECRIT PAR/LOGGED BY: Stefan Foy

DATE: 1-10-86

OBJECTIF/PURPOSE: To test two VLF conductors
 at 14N/2+75W and 14N/1+75W

SYSTEME DE MESURES/SYSTEM OF MEASURES: ANGLO/SAXON

COMMENCE/STARTED: Sept 22/86

TERMINE/COMPLETED: Sept 29/86

TESTS Acid Test at 680', no good.

56 échantillons

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS					
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/t	Ag	Cu %	Zn %		
0	106	MORT-Terrain										
106	146	<u>INTRUSIF INTERMEDIAIRE</u>										
		- couleur: gris-pâle, finement grainé ; présence d'un réseau de fractures montrant une altération verte pâle à beige (épidotisation & silicification) de l'ordre du mm au cm. Quelques passées plus altérées ; quelques grains de pyrite dans les fractures										
		125 à 142 : épidotisation plus marquée, accompagnée de veinules de carbonate										
		141.5 - 142 : altération modérée ; carbonatation plus marquée ; injecté de veinules de quartz et carbonate										
		141.5 - 143.0 : fortement injecté et plissé ; 2 réseaux de veinules sub-parallèles et l'autre ± perpendiculaire au plan de Fo (ankérite)										
		échant de la zone injectée.	9301	140.5	141.5	1.0	Tr					
		zone injectée parallèle à A/S.	9302	141.5	142.5	1.0	Tr					
		zone injectée	9303	142.5	144.5	2.0	Tr					

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no: DAL 86-1
 HOLE no:
 PAGE: 2 DE/OF 7

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS					
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/t	Ag	Cu %	Zn %		
146	176.8	DYKE DE DIORITE										
		contact: - supérieur irrégulier et altéré - inférieur net 70° d.c.										
		couleur: noir à beige verdâtre finement grenu.										
		Altération: chloritise jusqu'à 165.8. faiblement épidotisée de 165.8 à 171.5. Fortement épidotisée de 171.5 à 176.8.										
		- Généralement carbonatisée. la partie inférieure contient plusieurs zones micrométriques contenant des carbonates de fer.										
		• zone fortement épidotisée	9304	171.2	174.2	3.0	Tr					
		• zone injectée de quartz blanc (10%) riche en carbonate de Fer (ankeritisée)	9305	174.2	176.2	2.0	.02					
176.8	306.1	BASALTE										
		couleur noire.										
		Altération: généralement recouverte de veinules micrométriques de carbonate.										
		176.8-190.0: couleur beige, totalement silicifiée et sericitisée / épidotisée: veinules micrométriques de quartz d'orientation variable.										
		• zone plus injectée, trois points	9306	186.9	187.9	1.0	Tr					

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no: DAL 86-1
 HOLE no:
 PAGE: 3 DE/OF 7

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS					
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/tbn	Ag	Cu %	Zn %		
		195.0 - 205.5 : gris-verdâtre pâle épidotisé surtout										
		forte ankerite = forte ankeritisation	9307	200.0	207.0	1.0	Tr					
		212-212.5 : 60% veinules de carbonate orientées 30° à 45° a.c.										
		238.5 - 241.5 LAMPROPHYRE À BIOTITE - contact supérieur bréchiq. inférieur irrégulier. - couleur gris brunâtre foncé, finement à moyennement grenu; carbonatisé. - composition: 70% biotite; reste de feldspath & carbonate										
		présence de pyrite finement disséminée aux contacts. trace d'hématite/sphalérite au contact supérieur.	9308	238.5	239.5	1.0	Tr					
		250.5 - 254.5. brèche in situ veinules carbonate à 20-30° a.c. délimitant la zone bréchiq. pyrite disséminée ou agrégat irrégulier jusqu'à 2%	9309	250.0	254.0	4.0	Tr					
		273.5 - 274.0 épidote forme irrégulière										
		280.5 - 296.0. silicification jusqu'à 286.0 ensuite également épidotisée; plusieurs veinules de carbonate augmentant en nombre vers la zone altérée.	9310	282.0	293.0	1.0	Tr					

Exploration Omega Inc

JOURNAL DE SONDAGE / DRILL HOLE RECORD

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES

LATITUDE: 21+70 S LONGITUDE: 9+15 E

ELEVATION: — AZIMUTH: 230°

INCLINAISON/DIP: 45°

TYPE DE FORAGE/TYPE OF DRILLING: Diamond Drilling / Bowler
Drilling Co.

LONGUEUR/LENGTH: 470' (143 m)

DIMENSION DE LA CAROTTE/CORE SIZE: BQ

PROPRIÉTÉ / PROPERTY: Dalet

LOT 32, Range III

CLAIM NO: 442782-2

SECTION: 9+15 E

DECRIE PAR/LOGGED BY: Lisa Akern

DATE: Oct 7/86

OBJECTIF/PURPOSE: To test a VLF conductor at 225 / 8+75 E

SYSTÈME DE MESURES/SYSTEM OF MEASURES: Imperial

COMMENCE/STARTED: Oct 1/86

TERMINÉ/COMPLETED: Oct 3/86

TESTS At 460', Acid test 41°

29 Samples..

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS				
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/t	Ag	Cu %	Zn %	
0.0	12.0	Casing									
12.0	70.1 (21.3m)	Basalt - dk grey; fine grained; no sulphides - occasional xenoliths of more felsic rock but rounded and <1cm in diameter - rare quartz-carbonate stringers and veinlets at varying orientations - weakly altered in places. - from 53.4-56.4, moderate alteration structure and silicification + ore 2" quartz-carbonate vein at 45° to cal - from 56.4-58.2', short section of basalt contains <30% altered xenoliths (rounded and boundaries indistinct) - lower contact gradational into brecciated section	6201	53.4	56.4	3.0	Tr				
			6202	56.4	58.2	1.8	Tr				
70.1	88.6 (27.0m)	Porphyritic Basalt - 60-75% rounded fragments of mafic composition in a fine fine grain matrix of altered flow! - from 70.1-72.2', mafic fragments are (<1cm) small & orientated at 50° to the core axis	6203	70.1	72.2	2.1	Tr				

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no: 86-2
 HOLE no:
 PAGE: 3 DE/OF 7

FORMATION			ECHANTILLON/SAMPLE				ANALYSEES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
119.7	122.6 (27.3m)	<u>Broken Core</u> - rusty brown broken core - still retains basaltic nature with large fragments of other rocks - Xenoliths are various sizes with rounded margins and sharp alteration	6210	119.7	122.6	2.9	Tr			
122.6	240.0 (103.5m)	<u>Porphyritic Basalt + Massive Basalt</u> - same as 88.6 - 119.7' but no traces of pillow margins; all grey, fine grained - occasional Qtz-carbonate veins & veinlets at 60-90° to core axis - numerous altered fragments (rounded & zoned) - from 146.0 - 194.1' more altered basalt with larger fragments and Qtz-carb veinlets & stringers - from 146.0 - 159.2' 60-70% fragments in the basalt extrusive; fragments altered about 40-60° to cd; fragments become increasingly altered & zoned - from 159.2 - 162.8' all (Kf) altered to a light grey, vesicular texture, 80% destroyed and fragments 95% altered; fine grained - from 162.8 - 166.0' same as previous sample except irregular veins and patches of white pink Qtz-carbonate; cherty texture and no sulphides; fragments completely altered - from 166.0 - 169.1' same as previous sample but less Qtz-carb.	6211	159.2	162.8	3.6	Tr			
			6212	162.8	166.0	3.2	Tr			
			6213	166.0	169.1	2.9	Tr			

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no. 86-2
HOLE no.

PAGE: 6 DE/OF 7

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
347.7	370.8 (112.9m)	<u>Basalt</u> - very fine grained, dk gray basalt - massive & Ustronely, sil. filled; hard - towards 359.0, basalt becomes altered (sericitized) with <5% sulphides - fine ss. clin. py + py in veins and throughout - from 359.0 - 362.9', 1" vein at 362.1' with 5% po along vein margins - from 365.1 - 366.9', 2 1/2" Qtz-carb vein with <5% py + py - from 366.9 - 368.7', very fine grained black basalt with <5% sulphides - from 368.7 - 370.8', 4" Qtz-carb vein with po concentrated in fractures - lower contact gradational into gabbro	6229	359.0	362.9	3.9	Tr			
			6219	365.1	366.9	1.8	Tr			
			6220	366.9	368.7	1.8	Tr			
			6221	368.7	370.8	2.1	Tr			
370.8	470.0 (143.1m)	<u>Intermediate Gabbro</u> - medium grained; s + p texture - <5% (f. g. disseminated sulphides throughout (mainly as cubes + blebs)) - trace po along faulting fractures - occasional zones of alteration (sericit) with Qtz-carb veins were sampled - from 397.3 - 399.4', partly Qtz-carb for 5", 5% po + py - from 399.4 - 402.4', alteration around a 4" Qtz-carb vein at 400.2' - from 407.0 - 410.3', several small veins with py + po; altered zone - from 420.7 - 422.5', 2 1/2" Qtz-carb vein with 5% sulphides	6222	397.3	399.4	2.1	Tr			
			6223	399.4	402.4	3.0	Tr			
			6224	407.0	410.3	3.3	Tr			
			6225	420.7	422.5	1.8	Tr			

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no: 86-2
 HOLE no:
 PAGE: 7 DE/OF 7

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS				
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %	
		- from 426.4 - 429.1' altered gabbro 25% glass sulphides throughout	6226	426.4	429.1	2.7	Tr				
		- from 441.0 - 449.8' intensely altered (silicification + sericitization) so that original textures lost: altered st-carb veins at 20-50° to ca with alteration margins: 1/4 sulphides	6227 6228	441.0 445.3	445.3 449.8	4.3 4.5	Tr Tr				
AT 470' END OF HOLE											
Logged by Don Phern											
The core is stored at 53 Allard St, Val D'Or, Quebec											
From 359.0 - 370.8' a breccia containing <5% py + po was intersected. Sulphides were concentrated in thin stringers within st-carbonate veins and disseminated throughout.											
Twenty-nine samples were taken.											

EXPLORATION OMEGA INC.

JOURNAL DE SONDAGE / DRILL HOLE RECORD

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 10400S LONGITUDE: 11+00E

SONDAGE No: HOLE No: DAL-86-3

ELEVATION: — AZIMUTH: 90°

PROPRIÉTÉ / PROPERTY: DALET
 Lot: 32 Range: IV

INCLINAISON/DIP: 45°

TYPE DE FORAGE/TYPE OF DRILLING: Diamond Drilling
 Rouiller Drilling Company

CLAIM NO: 442790-2

LONGUEUR/LENGTH: 516.0' (157 m)

DIMENSION DE LA CAROTTE/CORE SIZE: BQ

SECTION: 11+00 E

DÉCRIT PAR/LOGGED BY: LISA AHERN

DATE: OCT 16 - 1986

OBJECTIF/PURPOSE: To determine plug contact

SYSTEME DE MESURES/SYSTEM OF MEASURES: Imperial

COMMENCE/STARTED: Oct 12/86

TERMINE/COMPLETED: Oct 1986

TESTS At 516.0', 38°

10 Samples

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au	Ag	Cu %	Zn %
0.0	29.0	Overburden					0.2/E			
29.0	516.0	Medium Grained Granodiorite / Granite - typical medium grained B+W interlocking mafic and felsic grains - 20% biotite laths up to 1/2 cm in length - weakly magnetic due to - from 159.0 - 166.0' feldspar altered to pinkish microcline (Granite)								
		- from 105.9 - 108.2' fine grained altered basalt; rusty weathering + broken core; tr ^l fine dim sulphides	6265	105.9	108.2	2.3	Tr			
		- from 108.2 - 110.0' mod. grey fine grain basalt; unaltered; with (<5% go stringers; towards 110.0' 2 narrow veins (irregular) of granodiorite	6266	108.2	110.0	1.8	Tr			
		- from 110.0 - 111.0' typical pinkish granite	6267	110.0	111.0	1.0	Tr			
		- from 111.0 - 113.0' fine grained basalt with 8" vein of pink altered granite; sharp contacts at 90° to ca ()	6268	111.0	113.0	2.0	Tr			

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no: DAL-86-3
 HOLE no:
 PAGE: 2 DE/OF

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au OZ/t	Ag	Cu %	Zn %
		- from 146.0 - 156.0' altered granite epidotized with iron feldspar grains showing zone / arg with magnetite (?)								
		- trace f.g. mass of cubes of sulphides, possibly magnetite (?)								
		- from 206 - 216' distinct greenish alteration (probably epidote)								
		- from 150 - 332.0' feldspar grains altered to pinkish microcline with short zones of green alteration (epidote ?) * also contains short patches of fine grained granoblastic, med to dk grey with w/dk foliation at 40-65° to c/a probably late, fracture filling (veins?)								
		- from 232 - 235.4' fractured core with strong alteration; microcline (red-brown patd)	6269	232.0	235.4	3.4	Tr			
		- from 257.2 - 259.4 patches of epidote alt. giving core a coarse banded appearance.	6270	257.2	259.4	2.2	Tr			
		- from 282.4 - 285.2, mostly unaltered granite with 2 patches of the fine grained dk granoblastic (10" x 10")	6271	282.4	285.2	2.8	Tr			
		- from 291.9 - 294.3 (altered granite pinkish)	6272	291.9	294.3	2.4	Tr			
		295.3 - 298.0 with granoblastic patches	6273	295.3	298.0	2.7	Tr			

Exploration Omega Inc.

JOURNAL DE SONDAGE / DRILL HOLE RECORD

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 1450N LONGITUDE: 150W

SONDAGE No:
 HOLE No: DAL-86-1

ELEVATION: — AZIMUTH: 270°

PROPRIÉTÉ / PROPERTY: Dalat
 Lot 27, Range VI

INCLINAISON/DIP: -50° TYPE DE FORAGE/TYPE OF DRILLING: Diamond Drilling
Rowler Inc

CLAIM NO: 442783-2
 SECTION: 150W

LONGUEUR/LENGTH: 428' (130m) DIMENSION DE LA CAROTTE/CORE SIZE: BQ

DÉCRIT PAR/LOGGED BY: Lisa Ahern
 DATE: Oct 21/86

OBJECTIF/PURPOSE: To test strike extent of the intermediate intrusive in DAL-86-1 SYSTEME DE MESURES/SYSTEM OF MEASURES: Imperial

COMMENCE/STARTED: Oct 18/86
 TERMINE/COMPLETED: Oct 20/86

TESTS At 418' - 40.5° 27 Samples

FORMATION			ÉCHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
0.0	65.0 (19.8m)	<u>Overburden</u>								
65.0	89.8 (27.3m)	<u>Basalt</u> - dk grey with <5% quartz-carbonate microlite and stringers - qc v generally 50-60° to the core axis - weak foliation at 50° to core - barren of sulphides - lower contact abrupt with intermediate intrusive at 85° to the core axis								
89.8	113.8 (43.9m)	<u>Intermediate Intrusive (Andesite (?) 2D)</u> - fine to medium grained - generally med grey colour with fracture margins intently altered (beige) - alteration haloes on fractures generally 1-2 cm wide - from 113.0 - 115.0' altered Andesite with 3" of rusty alteration on each side of some fractured core - from 117.4 - 120.2' 30% alteration in andesite; rusty weathering on 2 fractures. - <2% fg disseminated sulphides throughout	6275	89.8	94.6	4.6	Tr			
			6276	113.0	115.0	2.0	Tr			
			6277	117.4	120.2	2.8	Tr			

JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no:
 HOLE no: DAL-86-4
 PAGE: 3 DE/OF

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
170.4	173.0 (52.7m)	<u>Basalt</u> - dk grey; fine grained with altered quartz-carbonate veins - the vein at 172.2', 2 cm wide vein with 5% pyrite as cubes + disseminated - last 2" of core at 173.0', irregular quartz-carbonate stringers + veinlets contain 5-10% pyrite. - lower contact irregular	6283	170.4	173.0	2.6	Tr			
173.0	178.2 (54.3m)	<u>Altered Intrusive (Diorite)</u> - intensely altered diorite - original texture lost - from 173.0 - 175.5', qtz with cubes + disseminated (1-5%) - from 175.5 - 178.2', strongly fractured and altered; extensive veins of white qtz; 2 sets of localized fractures at 40° to ca & 150° to ca. - at 177.6', 2" wide patch of rusty alteration within 2 fractures. - lower contact at 178.2' distinct at ~ 30° to core axis with basalt	6284	173.0	175.5	2.5	Tr			
			6286	175.5	178.2	2.7	Tr			
178.2	319 (104.1m)	<u>Massive Basalt</u> - dk grey, fine grained - 5% quartz carbonate veins & stringers - weakly to moderately altered - from 185.5 - 188.5', altered basalt with qtz-carb and albite; bits of veinlets & stringers at ~ 45-60° to core axis	6287	185.5	188.5	3.0	Tr			

