

GM 43834

EVALUATION REPORT, RECHER PROPERTY

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Énergie et Ressources
naturelles

Québec 



ABITIBI RESOURCES LTD.,
RECHER PROPERTY
RECHER TOWNSHIP
NORTHWESTERN QUEBEC

EVALUATION REPORT

Ministère de l'Énergie et des Ressources
Service de la Géoinformation

Date: 2 MARS 1987

No G.M.: 43834



VAL D'OR, QUEBEC
April, 14, 1986

ABDELKADER KHOBZI, Eng, M.Sc.
ALAIN J. BEAUREGARD, Geol, B.Sc.
DIANA L. SULLIVAN, Geol, B.Sc.
Consultants

REPORT ON THE RECHER PROPERTY: ABITIBI RESOURCES LTD.

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REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.

SUMMARY

The RECHER Property owned by ABITIBI RESOURCES LTD., is located in the central part of the Abitibi Greenstone belt which is well known for its gold and base metal deposits. More specifically, it is located in the Casa-Berardi district in which there is a great deal of exploration activity at the present time.

During 1985, an exploration program consisting of geophysics, geochemistry and diamond drilling was completed. The surveys consisted of an IP survey, an HLEM (Max Min) survey, a humus sampling program and 917 feet of diamond drilling. The geophysical responses were weak and are thought to be primarily due to overburden effects. Several small geochemical anomalies were located. The diamond drilling revealed that the southern part of the property is underlain by a homogeneous granitic mass. No economic mineralization was intersected and all assays returned traces of gold.

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No further work is recommended at the present time but the claims should be kept in good standing. Due to the great level of exploration activity in this area, new information is being constantly released. If interesting results are found in a similar geological environment close to the Abitibi Resources property, a new drilling program could be contemplated.

CERTIFICATE OF QUALIFICATION

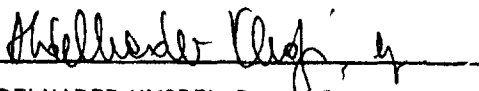
I, ABDELKADER KHOBZI, OF VAL D'OR, IN THE PROVINCE OF QUEBEC, CANADA, DO HEREBY CERTIFY THAT;

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 (1985). 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 Natural Resources and by the Geological Survey of Canada. I have visited the Récher Property in December of 1985. I have disclosed in this report all relevant materiel 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 ABITIBI RESOURCES LTD., 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.


ABDELKADER KHOBZI, Eng. M.Sc.

April 14, 1986

CERTIFICATE OF QUALIFICATION

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

I reside at 107 Lasalle, Val d'Or, Quebec.

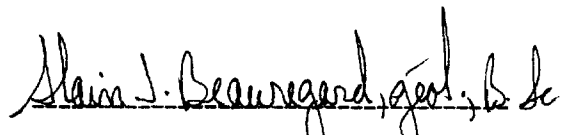
I am a qualified geologist, having received my academic training at Concordia University,
in Montreal, Quebec.

I have been continuously engaged in my profession for the last 8 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.

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 ABITIBI RESOURCES LTD., 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.

April 14, 1986

CERTIFICATE OF QUALIFICATIONS

I, DIANA L. (RUDGE) SULLIVAN, OF VAL D'OR IN THE PROVINCE OF QUEBEC, CANADA, DO CERTIFY THAT:

I am a resident of Val d'Or at 293 rue Juteau, R.R. #1.

I am a geologist having graduated with a Bachelor of Science degree, major in Geology from McGill University in Montreal, Quebec in 1977.

I have worked in northwestern Quebec intermittently for the past eight years. I have examined the assessment work files available for the Récher Property and the immediate area at the resident geologist's office of the Quebec Ministry of Energy and Natural Resources in Val d'Or.

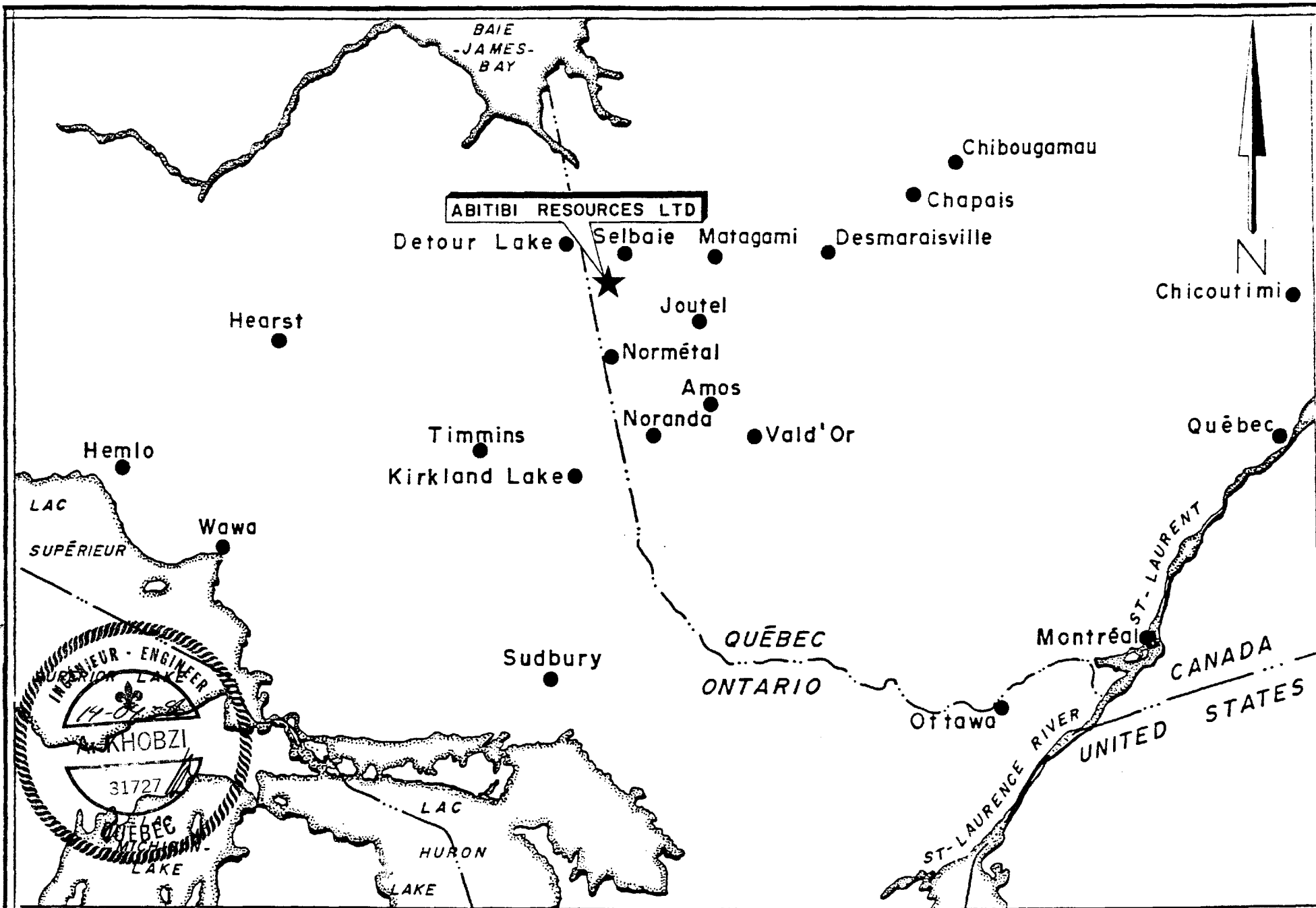
This report is based on the authors' experience in exploration on a comprehensive study of all the work records and on the geological maps and reports published for the area of interest by the Quebec Department of Energy and Natural Resources and by the Geological Survey of Canada.

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 nor expect to receive any interest, direct or indirect in the property of Abitibi Resources Ltd or any affiliate or beneficially own, directly or indirectly any securities of this company. I am not an insider of a company having an interest in the Récher property nor in any other property in the immediate area.

Diana L. Sullivan, B.Sc.
Diana L. Sullivan, B.Sc.

April 14, 1986



GEOLOGICA INC.



Carte de localisation
Location map **FIGURE 1**

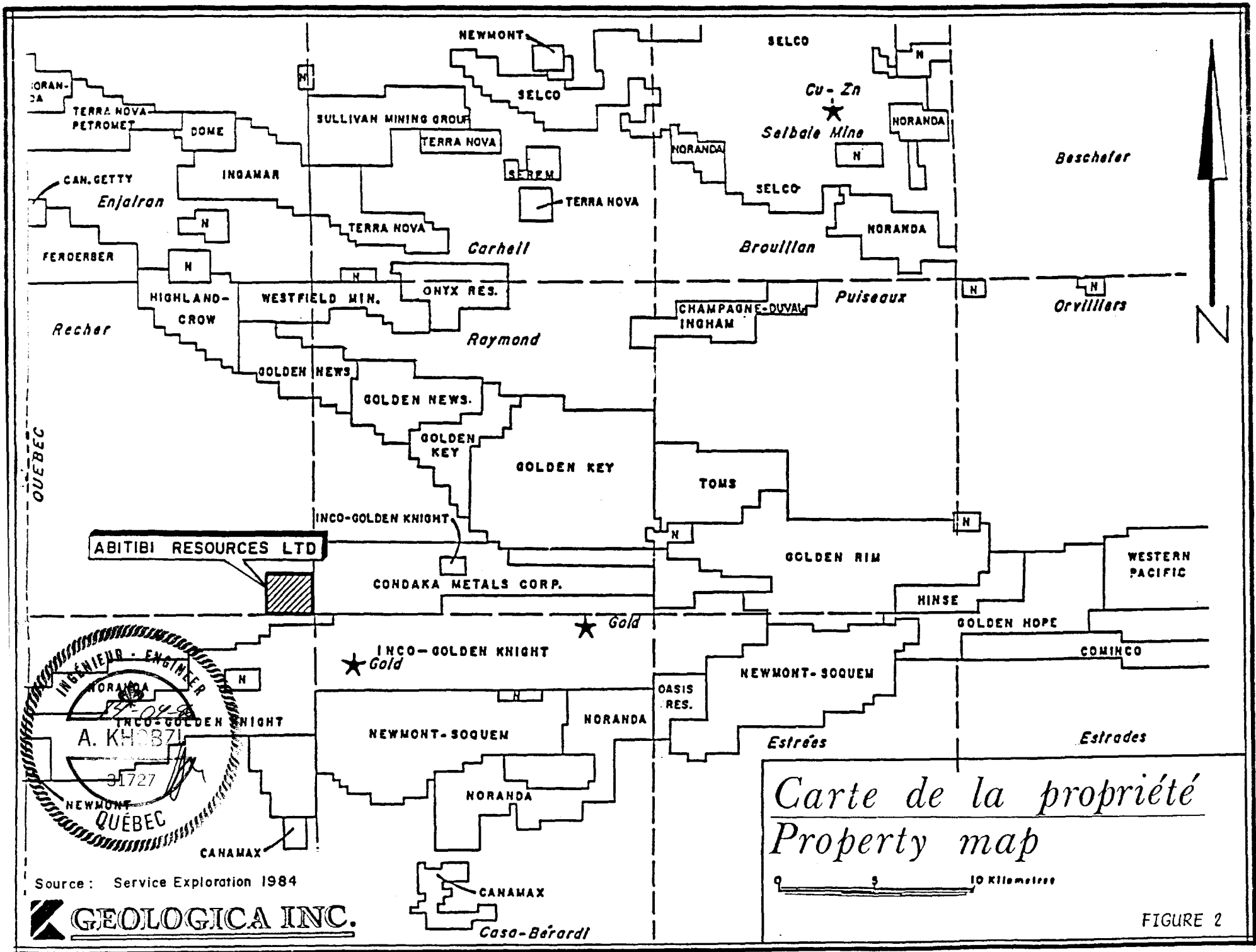
REPORT ON THE RECHER PROPERTY: ABITIBI RESOURCES LTD.,

INTRODUCTION

At the request of Mr. John H. Kentish, president of Abitibi Resources Ltd., Geologica Inc. was given a mandate to outline and supervise an exploration program on the Recher property. During 1985, this program was carried out and consisted of geophysical and geochemical surveys as well as diamond drilling.

The purpose of this report is to evaluate the economic potential of this property, outline the work completed during 1985 and recommend further exploration work. In order to compile all the necessary information, numerous sources were consulted including all the pertinent plans and reports published by the Ministère de l'Energie et des Ressources du Québec and the Geological Survey of Canada.

This report is based on the authors' exploration experience in this area, supervision of the 1985 drilling program and a study of the existing work records at the Val d'Or office of Abitibi Resources Ltd.

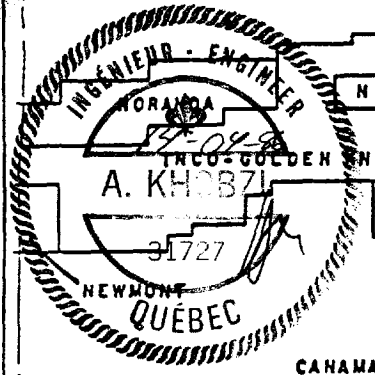


QUEBEC



1
8
1

ABITIBI RESOURCES LTD



Source: Service Exploration 1984

GEOLOGICA INC.

Carte de la propriété
Property map



FIGURE 2

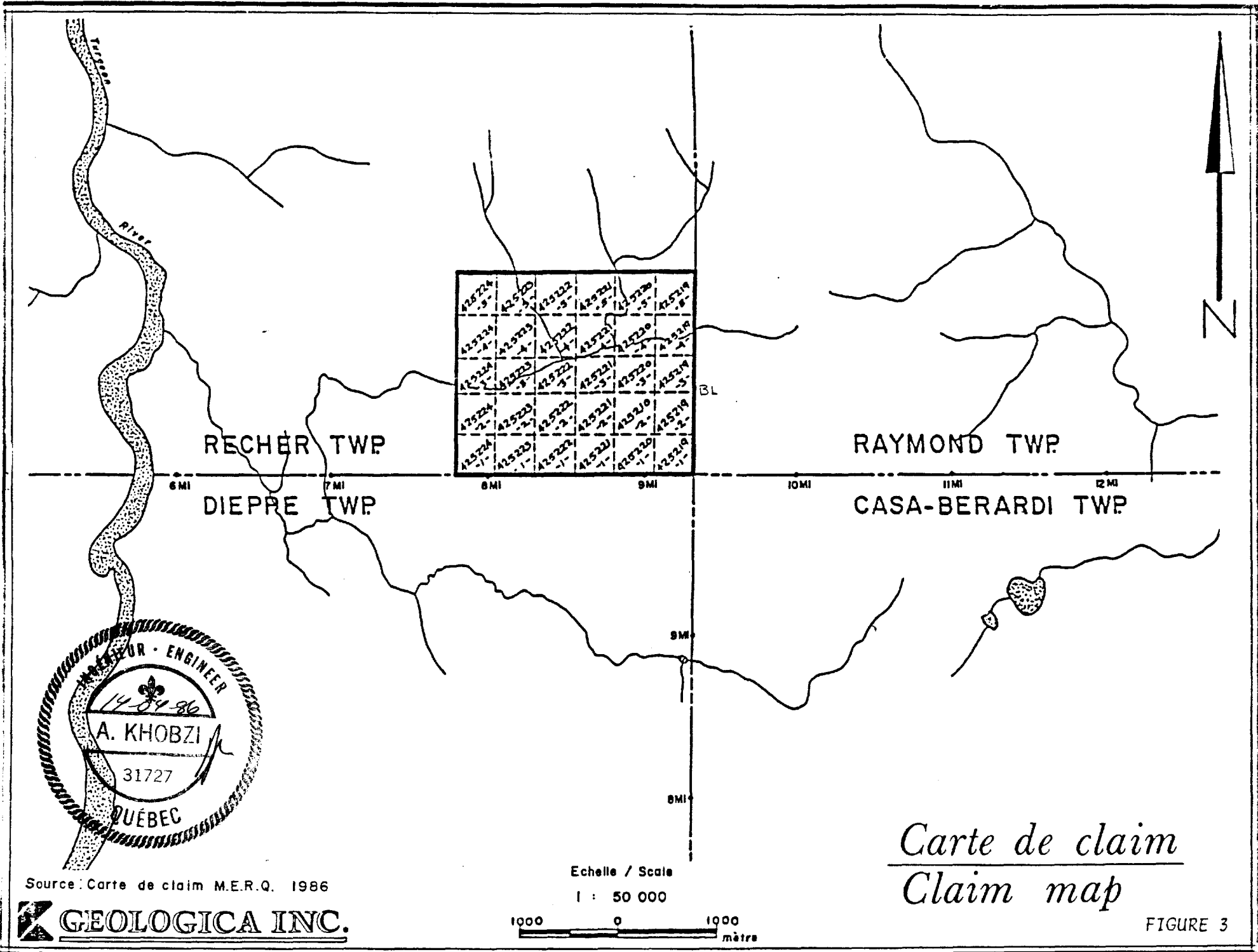
REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.

LOCATION, DESCRIPTION AND ACCESS

The Recher property is located in Récher Township, approximately 90 kilometres (56 miles) north of LaSarre and 14 kilometres (9 miles) east of the Quebec-Ontario border (Figure 1). It is situated south-east of Detour Lake (Amoco-Dome mine), south of Brouillan (Selbaie mine) and west of Matagami (Matagami Mine) and of Joutel (Agnico-Eagle Mine). It is bordered by the property of Inco-Golden Knight to the south (Figure 2).

The property consists of 30 contiguous claims totalling approximately 480 hectares (1,200 acres) or 4,8 square kilometres (1,8 square miles). The claims are listed on Table I and located on Figure 3.

Access to the property can be easily gained by an all-weather logging road, heading north from LaSarre and running at less than 1,5 kilometres (1 mile) east of the claim group (Figure 4). Topography is flat and outcrops are very scarce in the area, swampy low ground is common and overburden may be locally thick.



- 10 -

Carte de claim
Claim map

FIGURE 3

REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.,

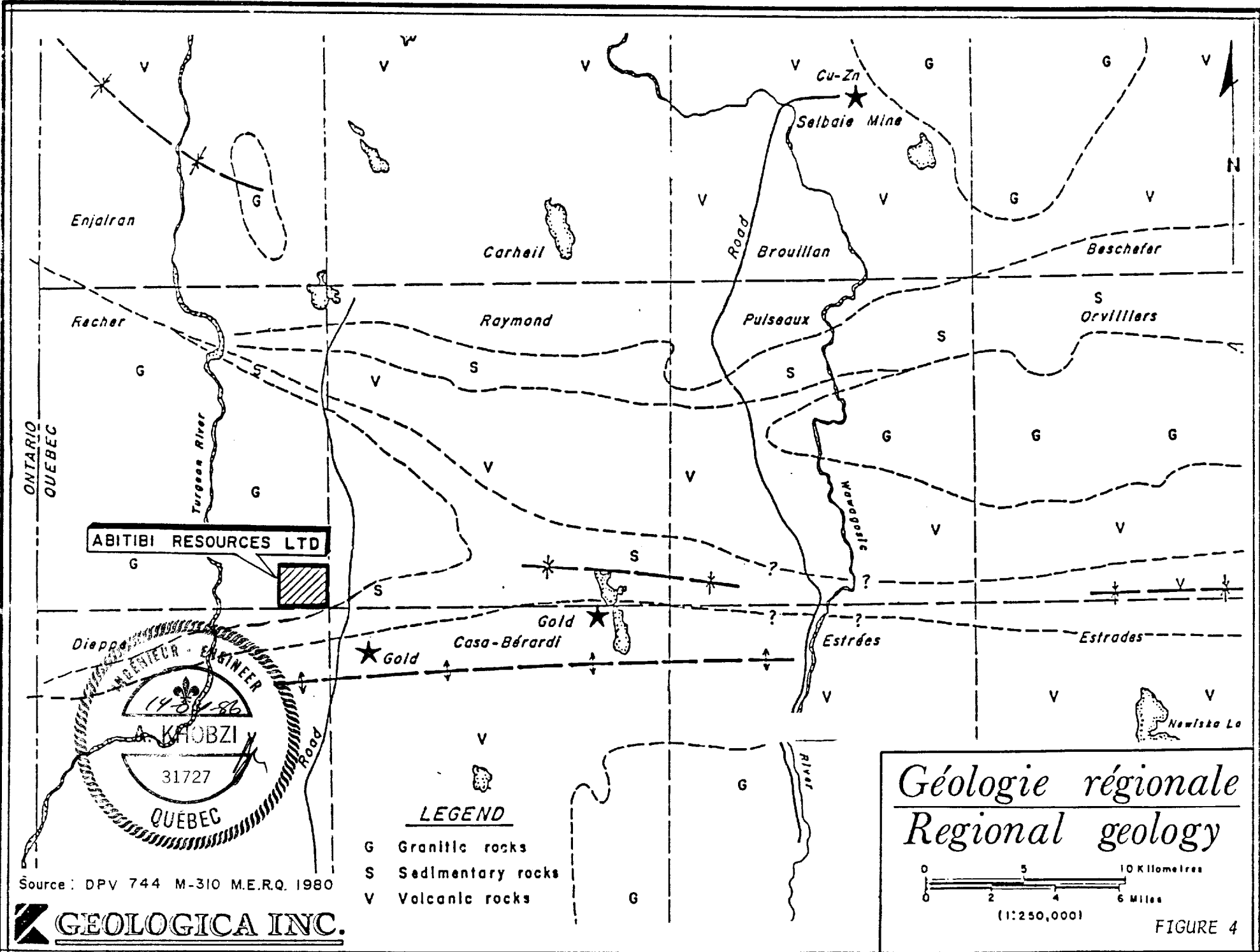
Qualified manpower, services and electricity are easily available in northwestern Quebec.

PREVIOUS WORK

The assessment work files have been examined at the resident geologist's office of the Quebec Department of Energy and Resources in Rouyn. No previous work has been recorded by a private company for the area covered by this claim group.

In 1960, the Geological Survey of Canada issued an aeromagnetic map of this area at a scale of 1:63,360.

In 1969, this area was discussed in a geological report by J. H. Remick. This report was issued by the QDNR and covers the Harricana-Turgeon area. The maps included in this report are at a scale of 1:63,360.



ONTARIO
QUEBEC

ABITIBI RESOURCES LTD

PROFESSIONAL ENGINEER
148186
A. KTOBZI
31727
QUÉBEC

LEGEND

- G Granitic rocks
- S Sedimentary rocks
- V Volcanic rocks

Géologie régionale
Regional geology

0 5 10 Kilometres
0 2 4 6 Miles
(1:250,000)

FIGURE 4

Source: DPV 744 M-310 M.E.R.Q. 1980

GEOLOGICA INC.

REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.,

The Récher township area was flown by Questor Surveys Ltd. and the results were published by the Quebec Department of Natural Resources in 1974. This survey did not indicate any input anomalies on the Abitibi Resources property.

Some geochemical surveys were carried out by the Ministère de l'Energie et des Ressources du Québec. These include a soil geochemistry study by M. Beaumier in 1982 and 1983 which covers the Turgeon River and Brouillan regions. Another study by Lasalle & Lalonde in 1982 concerned basal till geochemistry in the Abitibi. In 1985, Sauerbrei and Pattison reported on till sampling study in the Casa Bérardi area.

This area is covered by geoscientific compilation plan, 32E/11 issued by the M.E.R..

In 1984, a magnetic survey and a VLF survey were carried out over the property for Abitibi Resources Ltd. Several anomalous areas were outlined and further exploration work was recommended (refer to report by I. Park,

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November, 1984).

REGIONAL GEOLOGY

The area is located in the central part of the Abitibi volcanic belt extending from Timmins, Ontario, to Chibougamau, Quebec, within the Superior structural province of the Canadian Shield. The volcanic, sedimentary and intrusive rocks of the area are Archean in age, except for younger diabase dykes (Figure 4).

There is little detail available on the geology of this area due to the heavy overburden coverage. More information is becoming available as there are numerous companies drilling in the area. The airborne magnetic and electromagnetic surveys published by the Quebec government are helpful in outlining the main geological units.

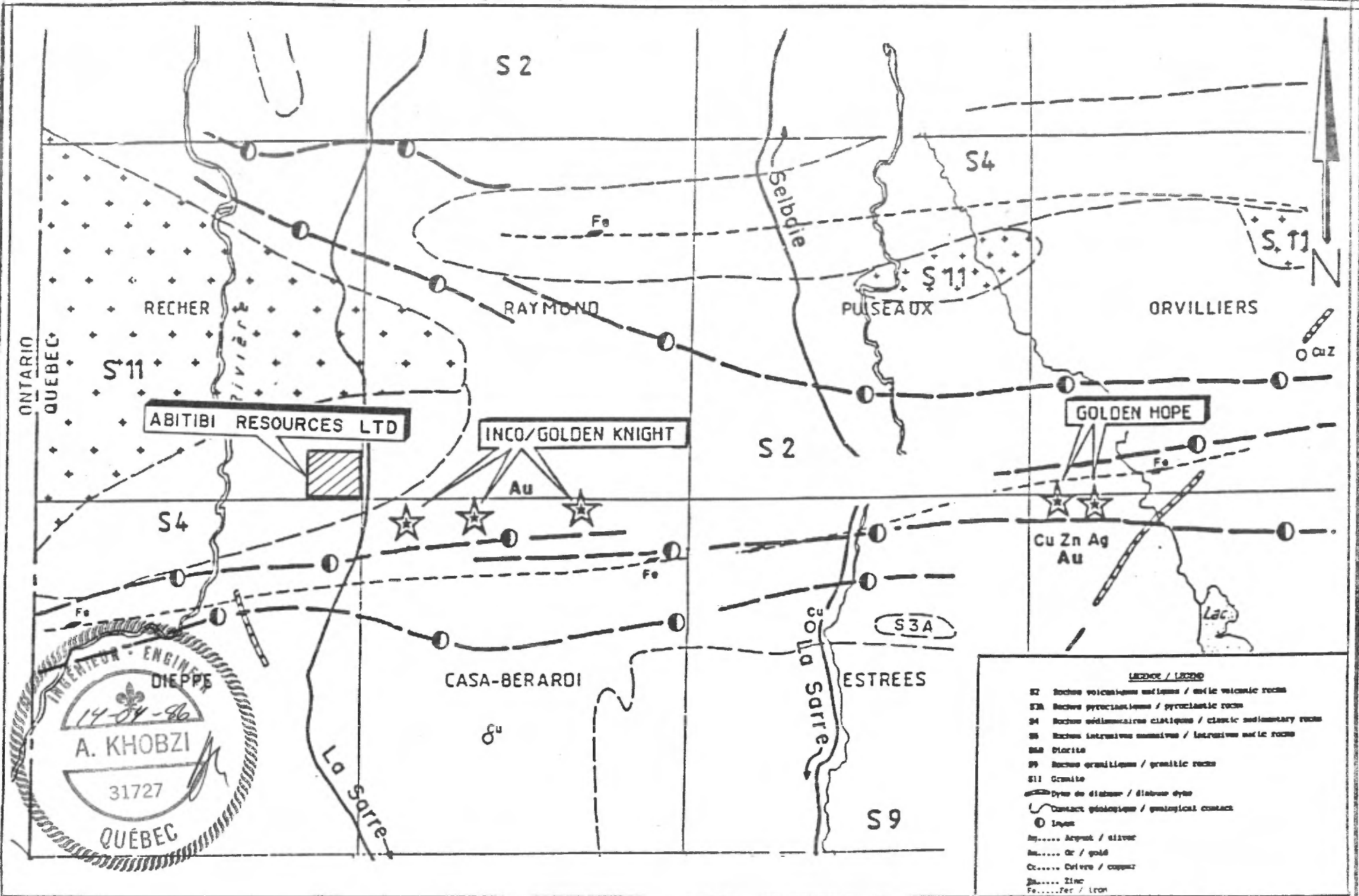
A synclinorium plunging to the west is inferred in the area, as shown on

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Figure 4. Its axis runs approximately 090° and should extend north of the subject property. An anticlinorium is also inferred some 4,5 km (2,8 miles) to the south of the claim group.

A regional contact zone, indicated by the airborne input survey published by the Quebec government, occurs on each flank of the synclinorium at about 2,5 kilometres (1,5 miles) from the axis. These conductive contact zones are inferred to be equivalent in age and most probably are rich in graphitic material (conductors). They extend several tens of kilometres at approximately 090°, as far east as the Agnico-Eagle gold mine in the Joutel area.

The central part of the synclinorium, stratigraphically above the conductive contact zones, is occupied by mainly sedimentary rocks which do not give magnetic or electromagnetic anomalies on the airborne surveys. A dioritic-granitic batholith is inferred to intrude this sedimentary sequence.



Source: Carte métallogénique M.E.R.Q. 1981 DPV 744, M-310

GEOLOGICA INC.

7.5 0 7.5 km
Echelle / Scale 1: 250 000

Carte métallogénique
Metallogenetic map

FIGURE 5

REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.

Mainly volcanic rocks compose the lower part of the sequence, stratigraphically under the conductive contact zones, on both flanks of the synclinorium. The rocks are basic to felsic volcanic flows interbedded with numerous horizons of pyroclastic and sedimentary rocks. The presence of thin iron formation, graphitic beds and sulphide-rich zones would explain some of the magnetic and electromagnetic anomalies detected in that sequence.

The gold-bearing zones of great economic interest recently discovered by Inco-Golden Knight, southeast of the subject property, occur in the volcanic sequence.

The rocks are metamorphosed to the greenschist facies and affected by a regional foliation which strikes roughly east-west and dips steeply.

GEOLOGY OF THE PROPERTY

There is no outcrop on the property and the overburden depths vary from 45

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to 260 feet.

The southern part of the property is underlain by a pink granite as intersected in the diamond drill holes. This is a medium grained granite which contains approximately 30% biotite and amphibole, 40% feldspar and 30% quartz. It is homogeneous and fresh, showing little alteration. Small (one foot) mafic xenoliths were found in the drill core. These were dark green, fine grained and showed some fine quartz veining at the upper contact. One such xenolith contained a trace of cubic pyrite. The assay returned trace gold.

A fractured granite was intersected in the second drill hole. The average length of the core pieces was 2" and there were numerous sections of ground core. There were several mud seams and the rocks were weathered. Also in this hole, some fine-grained sections were intersected. These were amorphous in texture and may have been due to a thermal effect.

Just west of the property, along the shores of the Turgeon River, diabase

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and gabbro dykes were found in a unit consisting of biotite schist and granite. The schistosity strikes northeasterly and dips steeply to the south (70-75°). Two jointing directions were established, one in the direction of the schistosity and the other perpendicular to it.

ECONOMIC GEOLOGY

No mineralization of economic interest has yet been found on the property.

The Récher Property is situated stratigraphically just to the north of the zone which hosts the Inco-Golden Knight gold deposits. These deposits are spatially distributed around the "Casa-Bérardi Break" (fault zone), an east-west trending graphitic horizon which can be correlated with several zones of INPUT anomalies. The mineralization consists of pyrite-arsenopyrite-native gold bearing quartz-carbonate veins hosted in carbonatized sediments and volcanics (Sauerbrei, J.A. et al., 1985). Spectacular drill hole intersections have been reported and Inco-Golden Knight are presently considering the option of mining these significantly

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large deposits (The Northern Miner: Jan, Feb 1986).

The recent Golden Hope (Teck-Golden Hope-Golden Group) discovery located on strike approximately 15,0 km to the east in Estrades township is the result of drilling of a weak electromagnetic geophysical response. The discovery hole intersected a 35.1 feet section grading 0,2 oz Au/ton, 9,15 oz Ag/ton, 3,1% copper and 15,4% zinc (The Northern Miner, December 2nd, 1985). Subsequent drilling has confirmed the presence of extensive massive sulfide mineralization.

RECENT WORK

During the late fall and early winter of 1985, an exploration program was carried out on the Récher Property of Abitibi Resources Ltd. This program consisted of

IP survey: 25 km

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HLEM survey (Max-Min): 25 km

Soil sampling-geochemistry: 505 samples

Diamond drilling: 917 feet

The IP survey was conducted by Edwin Gaucher and Assoc. using a Pole-Dipole method. A transmitter-receiver spacing of 30 meters was used. Readings were taken every 30 meters on every other line. Eight weak anomalies were outlined. Drilling was recommended on the strongest anomalies.

The Max-Min survey (HLEM) was carried out by the same company. Frequencies of 444HZ and 1777HZ were used with a cable separation of 120 meters. Readings were taken at 30 meter intervals along each cut line. Several weak anomalies were again outlined (refer to report by Edwin Gaucher & Assoc., 1986) by Edwin Gaucher, eng.

A re-evaluation, of the magnetic data by Edwin Gaucher, obtained in 1984 revealed that the original interpretation was not accurate. The magnetic

REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.,

profiles are much flatter than originally reported.

A total of 505 soil samples were taken at 100 meter intervals along each cut line by Les Entreprises Dig Ltée in the fall of 1985. The samples were dried away from any possible source of contamination when sent to Chimitec Ltée in Québec City. Here, a process of fire-assaying and atomic absorption gave the gold assays enclosed with this report (Appendix C). All values are in ppb gold. The average result was 5 ppb or less. Several values of 20 ppb Au were reported.

A total of 917 feet of diamond drilling was completed. All the relevant samples were split and sent for assaying for gold to the Bourlamaque Assay Laboratory in Val d'Or.

Hole # RA-85-1 was drilled on line 13+00 E at 1+40 N on an HLEM (Max-Min) anomaly. It was drilled to 344 feet and intersected pink granite along the entire length. This is a fresh, homogeneous granite with some mafic xenoliths. A trace of cubic pyrite was found in one of these

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xenoliths but all assays returned trace Au. The HLEM anomaly cannot be explained by the drill results and is therefore interpreted to be caused by an overburden source.

Hole # RA-85-2 was drilled on line 6+00 W at 4+60 N to 398 feet in an area which showed weak HLEM and VLF responses as well as a geochemical anomaly. A fractured, pink granite was intersected along the length of the hole. No mineralized sections were found and the one assay taken returned trace Au. The geophysical anomalies may be an expression of the intense fracturing observed in the drill core. They could also be due to an overburden effect as bedrock was only reached at 260 feet.

Hole # RA-85-3 was drilled on line 3+00 W at 7+00 S on a weak IP anomaly. It was stopped at 175 feet after 161 feet of overburden was intersected. Again, the drill core contained fresh, pink granite with no mineralization and the one assay returned trace Au. The IP anomaly is probably due to an overburden effect.

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The results of the surveys outlined is compiled on the plan annexed to this report (scale 1/2 500) (Appendix D). The diamond drill logs are also included in Appendix A. The drill sections for these holes are included in Appendix B.

CONCLUSIONS AND RECOMMENDATIONS


An exploration program consisting of geophysics, geochemistry and diamond drilling was carried out on the Récher property in 1985.

All the geophysical anomalies were very weak responses and are probably largely due to overburden effects. The geochemical soil sampling revealed only a few anomalous results and these are erratically distributed showing no identifiable pattern. The diamond drilling revealed that the property is underlain by a fresh, homogenous granite. Fracturing was observed in one hole but no significant mineralization was noted. All the assays returned traces of gold.

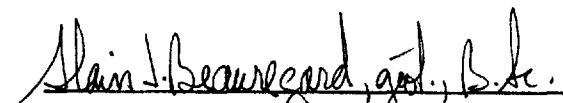
REPORT ON THE RECHER PROPERTY; ABITIBI RESOURCES LTD.

No further work is recommended on the property at this time but the claims should be kept in good standing. There is a great deal of exploration activity in the immediate area surrounding the Récher property and new information is constantly being released. If some interesting results are obtained from drilling in a similar geological environment close to the Récher property, then a new drilling program could be contemplated.

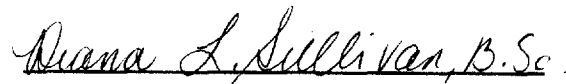
Respectfully submitted,

The seal is circular with a double-line border. The outer ring contains the text "INGÉNIEUR - ENGINEER" at the top and "QUÉBEC" at the bottom. In the center, there is a fleur-de-lis symbol above a horizontal line, and the name "ABDELKADER KHOBZI" is written across the line. Below the line, the text "Abdelkader Khobzi, Eng. M.Sc." is printed.

Abdelkader Khobzi, Eng. M.Sc.
Abdelkader Khobzi, Eng. M.Sc.

A handwritten signature in cursive script, appearing to read "Alain J. Beauregard, geol., B.Sc.".

Alain J. Beauregard, Geol, B.Sc.
Alain J. Beauregard, Geol, B.Sc.

A handwritten signature in cursive script, appearing to read "Diana L. Sullivan, B.Sc.".

Diana L. Sullivan, Geol, B.Sc.
Diana L. Sullivan, Geol, B.Sc.

April 14, 1986
AK,AJB,DLS/iv

REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

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- LASALLE, P., J.P. LALONDE: Atlas géochimique de l'argile du till de base de l'Abitibi; 1982, 4 reliures incluant 614 feuillets (échelle 1/125 000) (Analyse pour Cu,Zn,Pb,Ni,Co,Ag,As,Mn,Mo,Nb,Y,RB,Sr, et Zr) DPV 830.
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sheet No. 1 at 1:31,680

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Géochimie d'exploration du Québec M.E.R.N.

REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

TABLE I - CLAIM LIST

CLAIM NUMBERS

425219 - 1 to 5
425220 - 1 to 5
425221 - 1 to 5
425222 - 1 to 5
425223 - 1 to 5
425224 - 1 to 5

Expiry dates, March 24 - 28, 1987.

These 30 contiguous claims are located in Récher Township, Abitibi district, northwestern Quebec.

Total of 480 hectares (1200 acres) or 3,8 square kilometres (1,8 square miles).

REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

APPENDIX A

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 1+40 N LONGITUDE: 13+00 W

RESSOURCES **ABITIBI** RESOURCES LTD
 JOURNAL DE SONDAGE / DRILL HOLE RECORD
 Recher Twp.

SONDAGE No:
 HOLE No: RA-85-1

ELEVATION:
 AZIMUTH: 360°

PROPRIÉTÉ / PROPERTY Recher Township

INCLINAISON/DIP: -50°

TYPE DE FORAGE/TYPE OF DRILLING: *mine*
 Conducteur: *M. Moussette Inc.*
 DIMENSION DE LA CAROTTE/CORE SIZE: *AQ*

CLAIM NO: *425222-3*
 SECT. ON: *13+00 W*
 DECRIT PAR/LOGGED BY: *D.A. Sullivan, B.Sc.*

LONGUEUR/LENGTH: *344.0*
(104.9 m)

DATE: *December, 1985*

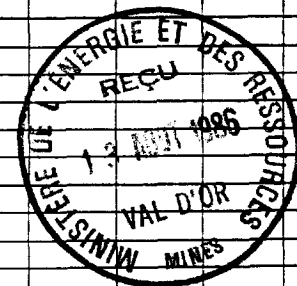
OBJECTIF/PURPOSE: *Explain HEM anomaly*

SYSTEME DE MESURES/SYSTEM OF MEASURES: *Met: Metric*
Drilling: Imperial

COMMENCE/STARTED: *December, 1985*
 TERMINE/COMPLETED: *December, 1985*

TESTS

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
0	41.0	<i>Overburden</i>				<i>(+)</i>				
41.0	344.0	<i>PINK GRANITE</i>								
		<i>Medium grained; homogeneous; fresh; 30% biotite & amphibole; 40% feldspar, 30% quartz; barren -</i>								
		<i>78.0 - 79.0 malic xenolith (remnant of abundant rock?) dark green & fine-grained; 90° to CA; barren; size (5mm) quartz seen at upper contact</i>	2055	78.0	79.0	1.0	<i>Tr</i>			
		<i>86.0 - 92.0 salmon colored, fine pale green muscovite; sandstone</i>								
		<i>134.6 - 134.9 fine quartz seen; lit along CA; barren; Reciprocal 1/4 meter of core</i>								
		<i>190.5 - 192.0 Amphibole: hair-line quartz & Neumatinic lining trace pyrite zone at 30° to CA at upper contact</i>	2056	190.5	192.0	1.5	<i>Tr</i>			



JOURNAL DE SONDAGE/DRILL HOLE RECORD

SONDAGE no.
HOLE no: RA-85-1
PAGE: 2 DE/OF 2

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
		234.7 - 239.7 (Remnant of rounded rock?) trace cubic pyrite, dark grey; fine-grained; quartz. Chertoidal in thin (2") at upper contact; contacts obscured by broken rock.	2057	234.5	239.7	5.0	Tr			
1344.0		END OF HOLE								
		Box #5 missing								
		Core stored at Aurifer Resources, Val d'Or.								



COORDONNEES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 46°0'N LONGITUDE: 67°00'W

RESSOURCES ABITIBI RESOURCES
 JOURNAL DE SONDAGE / DRILL HOLE RECORD

SONDAGE No:
 HOLE No: RA-85-2

ELEVATION: AZIMUTH: 360°

PROPRIETE / PROPERTY Recher Township

INCLINAISON/DIP: -55°

TYPE DE FORAGE/TYPE OF DRILLING: *Wireline*

CLAIM NO: 425220-4

LONGUEUR/LENGTH: 398.0'
 (121.3m)

DIMENSION DE LA CAROTTE/CORE SIZE: 40
Corbiac, n. Marquette Inc.

SECTION: 6700W
 DECRIT PAR/LOGGED BY: *D. Sullivan, B.Sc.*

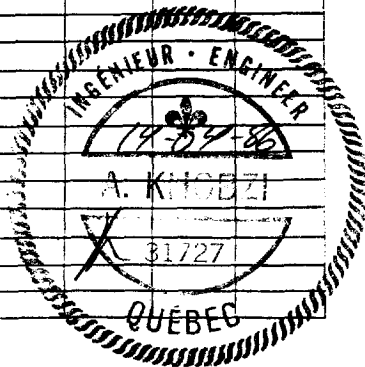
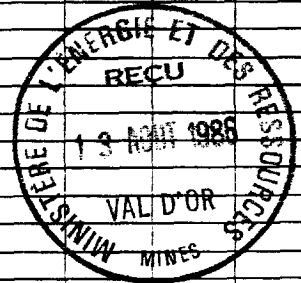
OBJECTIF/PURPOSE: *explain HEM anomaly*

SYSTEME DE MESURES/SYSTEM OF MEASURES: *Ind. Metric*
Drilling: Imperial

DATE: *December, 1985*
 COMMENCE/STARTED: *December, 1985*
 TERMINE/COMPLETED: *December, 1985*

TESTS

FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
C	245.0	Overburden				(ft)				
245.0	260.0	Boulder Fragments								
260.0	398.0	FRACTURED PINK GRANITE								
		<i>Highly fractured pink granite; several lengths of core pieces 1/2" - 3"; numerous sections of ground core; several mud seams; granite is weathered - 30% brecciated & amorphous 40% pink, w/ pale feldspar, 30% quartz, medium grained; numerous sections are amorphous (thermal effect?) - original textures have been destroyed & not mineralized.</i>								
	330.0 - 335.0	<i>Amorphous texture 'cooked'</i>	2058	330.0	335.0	5.0	Tr			
398.0		END OF HOLE								
		<i>Core stored at Abitibi Resources - Val d'Or</i>								



RESSOURCES ABITIBI RESOURCES
 JOURNAL DE SONDAGE / DRILL HOLE RECORD

COORDONNÉES DE L'ORIFICE / COLLAR COORDINATES
 LATITUDE: 7+003 LONGITUDE: 3+00 W

SONDAGE No:
 HOLE No: RA-85-3

ELEVATION: AZIMUTH: 360°

PROPRIÉTÉ / PROPERTY RECHER TWP

INCLINAISON/DIP: -50° TYPE DE FORAGE/TYPE OF DRILLING: *Minerals*

CLAIM NO: 425219-1

LONGUEUR/LENGTH: 175.0' DIMENSION DE LA CAROTTE/CORE SIZE: AQ

SECTION: 3+00 W

OBJECTIF/PURPOSE: *Explor IP Anomal* SYSTEME DE MESURES/SYSTEM OF MEASURES: *Siid Metric*

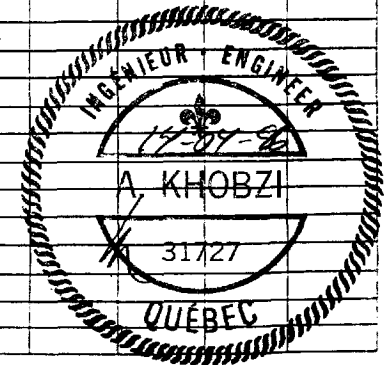
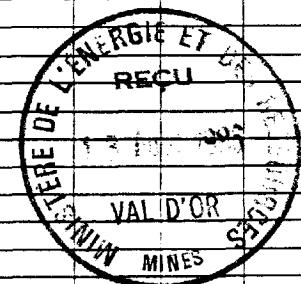
DECRIT PAR/LOGGED BY: *D. J. Sullivan B.Sc.*

DATE: *December, 1985*

TERME/COMPLETED: *December, 1985*

TESTS: *Drilling Imperial*

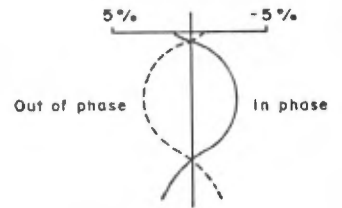
FORMATION			ECHANTILLON/SAMPLE				ANALYSES/ANALYSIS			
DE/FROM	A/TO	DESCRIPTION	NO	DE/FROM	A/TO	LONG. LENGTH	Au oz/ton	Ag	Cu %	Zn %
0	161.0	<i>Quartzites</i>				(F+)				
161.0	175.0	<i>PINK GRANITE</i>								
		<i>Medium grained, homogeneous, fresh; 30% biotite + amphibole; 40% pink feldspar; 30% quartz; - trace apatite.</i>								
		<i>164.0 - 165.0 Trace apatite</i>	2054	164.0	165.5	1.5	Tr			
175.0		<i>END OF HOLE</i>								
		<i>Core stored at Abitibi Resources - Val d'Or.</i>								



REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

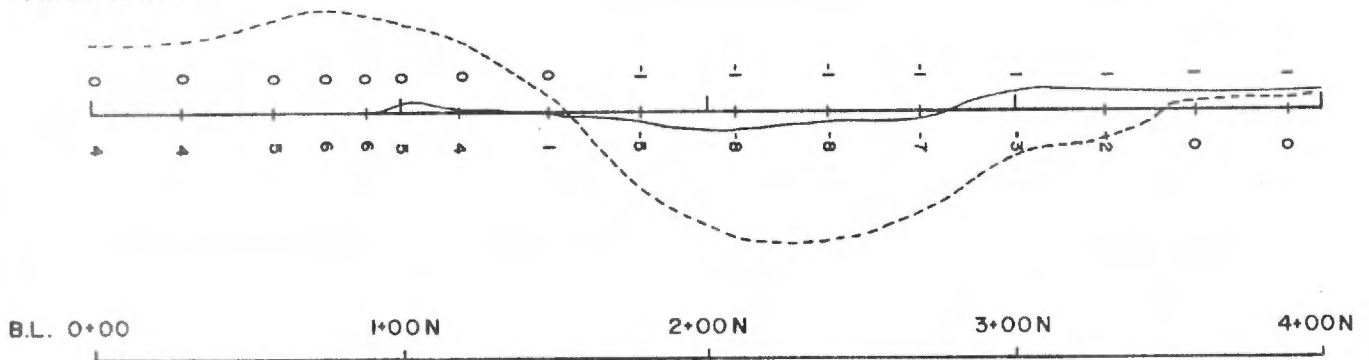
APPENDIX B

No IP readings available - could not take readings in creek.

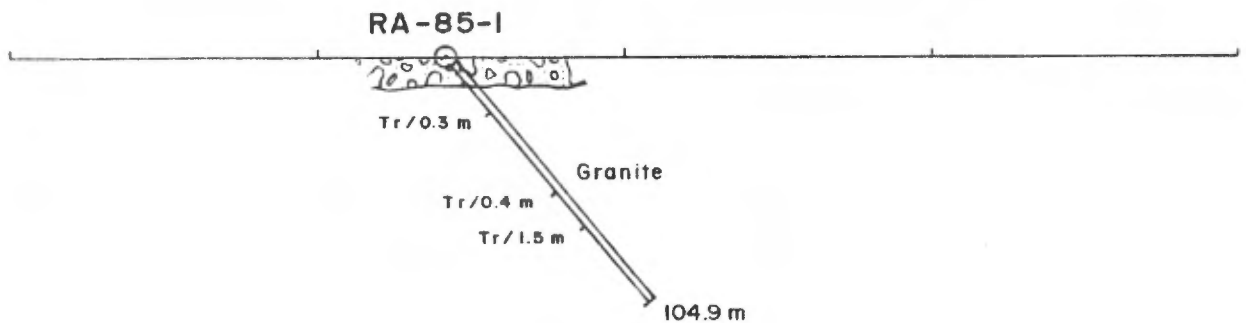


HLEM 1777 Hz

(Max Min)



Az. 360°



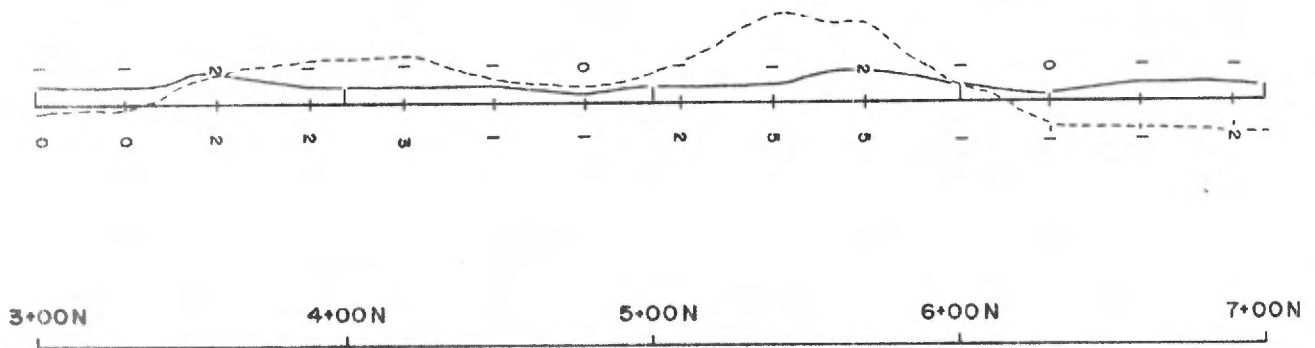
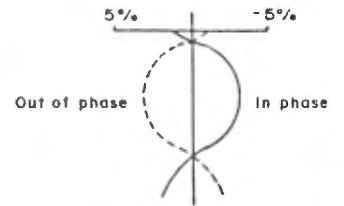
SECTION 13+00 W

GEOLOGICA INC.		A. J. BEAUREGARD, B.Sc.
		K. A. KHOBZI, eng. M.Sc.
NTS/REF/ 32E / 11	GÉOLOGIE / GEOLOGY/ D. SULLIVAN	
CANTON/TWR/ RECHER	DESSINÉ / DRAWN/ H. PRATTE	
ÉCHELLE / SCALE/ 1 : 2500	REVISÉ / REVISED/ A. KHOBZI, eng.	
	CARTE / MAP NO./	DATE / 04 / 86

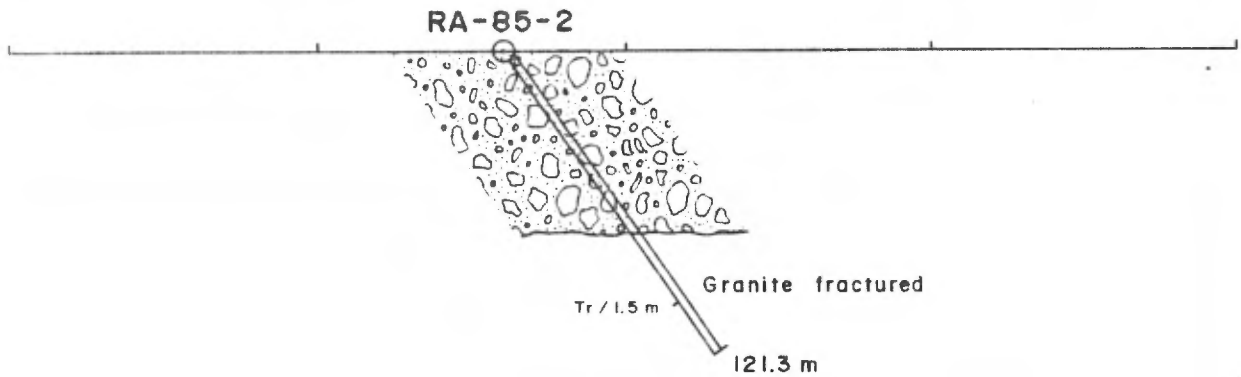
No IP readings taken on this line.

HLEM 1777 Hz

(Max Min)



Az. 360°



SECTION 6+00 W

GEOLOGICA INC.

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

NTS/REF/ 32E/11

GÉOLOGIE/GEOLOGY/ D. SULLIVAN

CANTON/TWR/ RECHER

DESSINÉ/DRAWN/ H. PRATTE

75m 50 25 0 50m

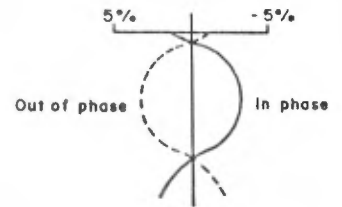
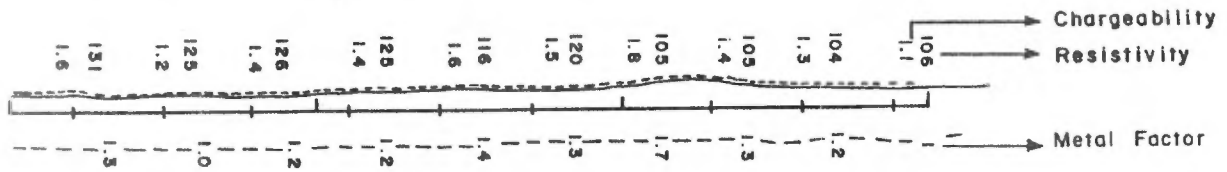
REVISÉ/REVISED/ A. KHOBZI, eng.

ÉCHELLE/SCALE/ 1:2500

CARTE/MAP NO./

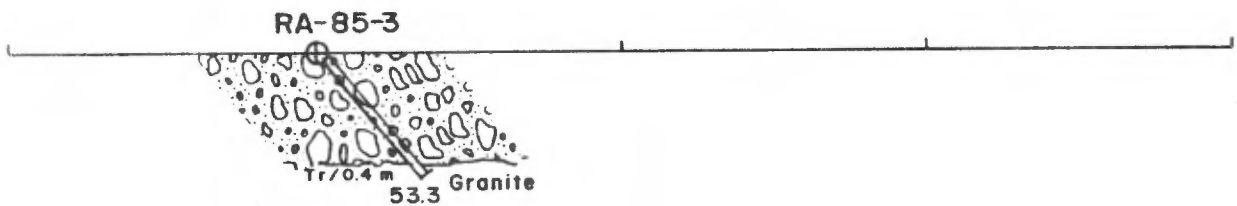
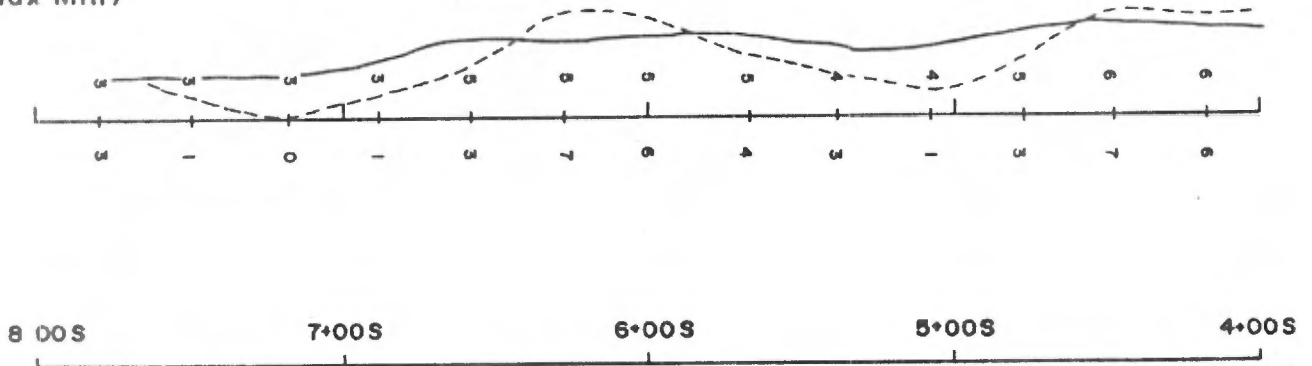
DATE/ 04/86

IP SURVEY (pole - dipole; x = 30 m)



HLEM 1777 Hz

(Max Min)



SECTION 3+00 W			
GEOLOGICA INC.		A. J. BEAUREGARD B.Sc. K. A. KHOBZI, Ing. M.Sc.	
NTS/RÉF/ 32E/11	GEOLOGIE/GEOLOGY/ D. SULLIVAN	REVISÉ/REVISED/ A. KHOBZI, eng.	
CANTON/TWR/ RECHER	DESSINÉ/DRAWN/ H. PRATTE	CARTE/MAP NO./	
75m 50 25 0 50m	ÉCHELLE/SCALE/ 1:2500	DATE/ 04/86	

REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

APPENDIX C

Rapport de Laboratoire Géochimique

Extraction Au-HNO₃-HCl Numéro de Rapport 1248-85
 Méthode F.A.-A.A. Projet RECHER
 Commande 2773
 De: Abitibi Ressources Fraction Utilisée -10 mailles (p)
 Date 16 décembre 19 85

Numéro de l'Echantillon	Au ppb	Numéro de l'Echantillon	Au ppb
LO 1100N	L5	L1W 100N	L5
1000N	L5	BLO	L5
900N	L5	100S	L5
800N	L5	200S	L5
700N	L5	300S	L5
600N	L5	400S	L5
500N	L5	500S	L5
400N	L5	600S	5
300N	L5	700S	L5
200N	L5	800S	5
100N	L5	L2W 1100N	L5
LO BLO	5	1000N	5
100S	L5	900N	L5
200S	L5	800N	5
300S	L5	700N	L5
400S	L5	600N	L5
500S	5	500N	10
600S	L5	400N	L5
700S	L5	300N	L5
800S	L5	200N	5
L1W 1100N	L5	100N	5
1000N	L5	BLO	5
900N	L5	100S	5
800N	L5	200S	10
700N	5	300S	5
600N	L5	400S	15
500N	5	500S	5
400N	L5	600S	10
300N	L5	700S	5
200N	5	800S	5

CHIMITEC LEE

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du Rapport 1248-85

Page 2

Néro de l'Échantillon	Au ppb			Numéro de l'Échantillon	Au ppb		
L3W 1100N	L5			L4W 400S	L5		
1000N	5			500S	L5		
900N	5			600S	L5		
800N	5			700S	L5		
700N	5			800S	L5		
600N	10			L5W 1100N	L5		
500N	5			1000N	L5		
400N	L5			900N	L5		
300N	L5			800N	L5		
200N	5			700N	L5		
100N	L5			600N	L5		
BLO	L5			500N	L5		
100S	L5			400N	L5		
200S	L5			300N	L5		
300S	L5			200N	L5		
400S	L5			100N	5		
500S	L5			BLO	L5		
600S	L5			100S	L5		
700S	L5			200S	L5		
800S	L5			300S	L5		
L4W 1100N	L5			400S	5		
1000N	L5			500S	L5		
900N	L5			600S	L5		
800N	L5			700S	5		
700N	L5			800S	5		
600N	L5						
500N	L5						
400N	L5						
300N	L5						
200N	L5						
100N	L5						
BLO	L5						
100S	L5						
200S	L5						
300S	L5						

L: moins que

Rapport de Laboratoire Géochimique

Extraction Au-HNO₃-HCl
 Méthode F.A.-A.A.
 De Abitibi Ressources

Numéro de Rapport 1249-85
 Projet RECHER
 Commande 2773
 Fraction Utilisée -10 mailles (p)
 Date 16 décembre 19 85

Numéro de l'Échantillon	Au ppb			Numéro de l'Échantillon	Au ppb		
L6W 11+00N	L5			L7W 1+00N	L5		
10+00N	L5			BLO	L5		
9+00N	L5			1+00S	L5		
8+00N	L5			2+00S	L5		
7+00N	5			3+00S	L5		
6+00N	5			4+00S	L5		
5+00N	20			5+00S	L5		
4+00N	5			6+00S	L5		
3+00N	L5			7+00S	L5		
2+00N	L5			8+00S	L5		
1+00N	L5			L8W 11+00N	L5		
BLO	L5			10+00N	L5		
1+00S	L5			9+00N	L5		
2+00S	L5			8+00N	L5		
3+00S	L5			7+00N	5		
4+00S	L5			6+00N	L5		
5+00S	L5			5+00N	L5		
6+00S	L5			4+00N	10		
7+00S	L5			3+00N	L5		
8+00S	L5			2+00N	L5		
L7W 11+00N	L5			1+00N	5		
10+00N	L5			BLO	L5		
9+00N	L5			1+00S	L5		
8+00N	L5			2+00S	L5		
7+00N	L5			3+00S	L5		
6+00N	5			4+00S	5		
5+00N	L5			5+00S	L5		
4+00N	L5			6+00S	L5		
3+00N	L5			7+00S	L5		
2+00N	L5			8+00S	L5		

CHAMTEC LEE

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Numéro du Rapport **1249-85**

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Numéro de l'Échantillon	Au ppb		Numéro de l'Échantillon	Au ppb	
L9W 11+00N	L5		L10W 4+00S	L5	
10+00N	L5		5+00S	L5	
9+00N	L5		6+00S	L5	
8+00N	L5		7+00S	L5	
7+00N	L5		8+00S	L5	
6+00N	L5		L11W 11+00N	L5	
5+00N	L5		10+00N	L5	
4+00N	L5		9+00N	L5	
3+00N	L5		8+00N	L5	
2+00N	L5		7+00N	L5	
1+00N	L5		6+00N	L5	
BLO	L5		5+00N	L5	
1+00S	L5		4+00N	S	
2+00S	L5		3+00N	L5	
3+00S	L5		2+00N	L5	
4+00S	L5		1+00N	L5	
5+00S	L5		BLO	L5	
6+00S	L5		1+00S	L5	
7+00S	S		2+00S	L5	
8+00S	L5		3+00S	L5	
L10W 11+00N	L5		4+00S	L5	
10+00N	L5		5+00S	L5	
9+00N	L5		6+00S	L5	
8+00N	L5		7+00S	L5	
7+00N	L5		8+00S	L5	
6+00N	L5				
5+00N	L5				Li moins que
4+00N	L5				
3+00N	L5				
2+00N	L5				
1+00N	L5				
BLO	S				
1+00S	L5				
2+00S	L5				
3+00S	L5				

Rapport de Laboratoire Géochimique

Extraction Au-HNO₃-HCl Numéro de Rapport 1250-85
 Méthode F.A.-A.A. Projet RECHER
 De: Abitibi Ressources Commande 2773
 Fraction Utilisée -10 mailles
 Date 17 décembre 19 85

Numéro de l'Échantillon	Au ppb	Numéro de l'Échantillon	Au ppb
L12W 1100N	L5	L13W BLO	L5
1000N	S	100S	S
900N	L5	200S	L5
800N	L5	300S	L5
700N	S	500S	S
600N	L5	600S	L5
500N	L5	700S	L5
400N	L5	800S	L5
300N	L5	L14W 1100N	L5
200N	L5	1000N	L5
100N	L5	900N	L5
BLO	L5	800N	S
100S	L5	700N	L5
200S	L5	600N	L5
300S	L5	500N	L5
400S	L5	400N	L5
500S	L5	300N	S
600S	L5	100N	L5
700S	L5	BLO	L5
800S	L5	100S	L5
L13W 1100N	L5	200S	L5
1000N	L5	300S	L5
900N	L5	400S	L5
800N	L5	500S	L5
700N	L5	600S	L5
600N	L5	700S	L5
500N	L5	800S	L5
400N	L5	L15W 1100N	L5
300N	L5	1000N	L5
100N	S	900N	L5

CHLANTEC LITEE

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o du Rapport **1250-85**

Page **2**

méro de l'Échantillon	Au ppb		Numéro de l'Échantillon	Au ppb	
L15W 800N	L5		L16W 700S	L5	
700N	L5		800S	L5	
600N	L5		L17W 1100N	L5	
500N	L5		1000N	L5	
400N	L5		900N	5	
300N	L5		800N	5	
200N	L5		700N	L5	
100N	L5		600N	L5	
BLO	L5		500N	L5	
100S	L5		400N	L5	
200S	L5		300N	5	
300S	L5		200N	5	
400S	L5		100N	L5	
500S	5		BLO	L5	
600S	L5		100S	L5	
700S	L5		200S	L5	
800S	L5		300S	L5	
L16W 1100N	L5		400S	L5	
1000N	L5		500S	L5	
900N	L5		600S	L5	
800N	L5		700S	L5	
700N	L5		800S	L5	
600N	L5		900S	L5	
500N	L5				
400N	L5				
300N	L5				L: moins que
200N	L5				
100N	L5				
BLO	5				
100S	L5				
200S	L5				
300S	L5				
400S	L5				
500S	L5				
600S	5				

Rapport de Laboratoire Géochimique

Extraction Au-HNO₃-HCl Numéro de Rapport 1251-85
 Méthode F.A.-A.A. Projet RECHER
 Commande 2773
 De: Abitibi Ressources Fraction Utilisée -10 mailles (p)
 Date 16 décembre 19 85

Numéro de l'Échantillon	Au ppb	Numéro de l'Échantillon	Au ppb
L18W 1100N	L5	L19W 200N	L5
1000N	L5	100N	L5
900N	L5	BLO	L5
800N	L5	100S	L5
700N	L5	200S	L5
600N	L5	300S	L5
500N	L5	400S	L5
400N	L5	500S	L5
300N	L5	600S	L5
200N	L5	700S	L5
100N	L5	800S	L5
BLO	L5	900S	L5
100S	L5	L20W 1100N	L5
200S	L5	1000N	L5
300S	L5	900N	L5
400S	L5	800N	L5
500S	L5	700N	L5
600S	L5	600N	L5
700S	L5	500NA	L5
800S	10	500NB	L5
900S	L5	400N	L5
L19W 1100N	L5	300N	L5
1000N	L5	200N	L5
900N	L5	100N	L5
800N	L5	BLO	L5
700N	L5	100S	L5
600N	L5	200S	L5
500N	L5	300S	L5
400N	L5	400S	L5
300N	L5	600S	L5

CHIMITEC LEE

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du Rapport 1251-85

Page 2

Numéro de l'Échantillon	Au ppb			Numéro de l'Échantillon	Au ppb		
L20W-700S	L5			L22W BLO	L5		
800S	L5			100S	L5		
900S	L5			200S	L5		
L21W-1100N	L5			300S	L5		
1000N	L5			400S	5		
900N	L5			500S	L5		
800N	L5			600S	L5		
700N	L5			700S	L5		
600N	L5			800S	L5		
500N	L5			900S	5		
400N	5			L23W-1100N	L5		
300N	L5			1000N	L5		
200N	L5			900N	L5		
100N	L5			800N	10		
BLO	5			700N	L5		
100S	L5			600N	L5		
200S	L5			500N	L5		
300S	L5			400N	L5		
400S	5			300N	L5		
500S	L5			200N	L5		
600S	L5			100N	L5		
700S	5			BLO	L5		
800S	L5			100S	L5		
900S	5			200S	L5		
L22W-1100N	L5			300S	L5		
1000N	L5			400S	L5		
900N	L5			500S	L5		
800N	L5			600S	L5		
700N	5			700S	L5		
600N	L5			800S	L5		
500N	L5			900S	L5		
400N	L5			L24W-1100N	L5		
300N	5			1000N	L5		
200N	L5			900N	L5		
100N	10			800N	L5		

REPORT ON THE RECHER PROPERTY, ABITIBI RESOURCES LTD.

APPENDIX D