



41P15NE0004 2.15417

010

FINAL SUBMISSION

DENIS CHARTRE AND ROGER DUFRESNE

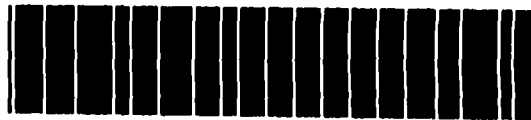
DP93 - 375 AND DP93 - 376

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CAIRO TOWNSHIP

DUFRESNE - CHARTRE - SOUTH - CAIRO - PROPERTY
(seven claims staked in 1991 and two claims staked in 1992)

Claims 1179885, 1179886, 1179887, 1179888, 1179889,
1179890, 1185634, 1185635, 1185636.



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SUMMARY

The Matachewan Area, in the District of Timiskaming located in Northern Ontario drew the attention of many gold prospectors as early as 1909 with the height of activity in the 1930's.

Past gold exploration had focused on the search for quartz veins near shear zones and faults with intrusions in the syenite porphyry.

Over the years other minerals have been found in small quantities: barite, asbestos, copper, lead, silver, zinc, molybdenite, and others.

In December, 1990 interest in base metals had come to life in the Matachewan Area with the copper discovery in Robertson Township, 9 miles north of Matachewan, by Strike Minerals Inc. and Queenston Mining Inc., two exploration companies based in Kirkland Lake. In the 1991 Annual report for Queenston Mining Inc., Queenston explains the geology as a small lens of volcanogenic massive sulphides which occurred in a thick pyritic exhalite sequence. The discovery hole returned 1.45% copper and 4.7% zinc over a core length of 30.8 feet. Further work by Queenston and Strike also identified a favourable base metal stratigraphy extending 6.5km across the property. In 1992 the property was optioned to Falconbridge.

Exploration Trinity also indicates participation in Matachewan copper discovery and provides us with a general geology and location sketch. (see annex "C")

Another General Geology map of the Matachewan Area is provided for us by W. Powell, from Queen's University.
(see annex "A") FINAL SUBMISSION OP92-520 AND OP92-521

After taking a long look at all the information Denis Chartre and Roger Dufresne decided to look at new ground which would have some potential as a gold-base-metal prospect in Cairo Township. As a result we prospected the old Matachewan Hub Pioneer Property in Cairo Township where it was reported that the bedrock was composed of greenstone and rhyolite cut by diabase dikes and Cobalt sedimentary rocks. The other property that was prospected was the George Sunisloe Property on the south side of the Montreal River (see map 2110); here, it was reported that for a length of more than a mile southwest from Fox Rapids and for a maximum width of 400 feet, mafic intrusive rocks on the south shore of the Montreal River are highly sheared. Near the southwest end of this major shear zone, about 700 feet north of a

granite batholith, a boss of massive granitic rocks about 600 feet in diameter has been intruded into the sheared mafic intrusive rocks. Again, it was reported that small amounts of chalcopryite exist in the boss near its contact with the sheared diorite and serpentinite, and quartz-carbonate stringers cutting the diorite and serpentinite contain chalcopryite, pyrite, hematite, and magnetite.

Seven claims were staked in the fall of 1991 and two more were staked in the spring of 1992. In the fall of 1991 many grab samples were taken for assay for copper and gold. The best assays were .04 oz/ton Au and 3.74% Cu for sample AA-1 and .06 oz/ton Au and 2.23% Cu for sample AA-3 (see Swastika Lab certificate # 1W-4108-RA1 dated Oct. 3, 1991.) (ANNEX "I")

Since no work had been done on these claims since 1966, Roger Dufresne and Denis Chartre believed that it was time for the property to have another evaluation using a new approach and up-to-date prospecting methods. The plan was to locate and clean out all the pits using manual labour and power strip where it was possible using Wajax high pressure pump, take samples, do line cutting and complete a Mag Survey, put together geological mapping and finally, prepare recommendations for future work.

Ed Chartre of Services Explorations Enrg. who mapped the Prospecting Program - 1992 on the 10 stripped sites explains that the exposed rock surfaces and local outcrops indicate the presence of a granodiorite with dioritic phases. A major fault zone traverses the northwestern part of the property in a northeasterly direction. This fault zone lies mostly under the bed of the Montreal River. The fault has been exposed in trench (area 7) where the rock exposure indicates the presence of strongly sheared granodiorite while shearing increases northwestwards towards the river. This strong fault zone has fractured the adjacent granodiorite with most of the quartz-filled fractures trending northeasterly. The numerous fractures observed are host to quartz veins which vary in length and width. The quartz veins and adjacent sheared walls contain disseminated hematite, magnetite, chalcopryite and pyrite. The strongest concentration of chalcopryite is in trench # 7. The highest gold assay returned 240 ppb and the highest copper assay returned 2.48%. The pervasive distribution of low gold values would seem to indicate the presence of a gold-bearing system within the fault zone under the Montreal River. (see report annex (" "))

FINAL SUBMISSION OP92-520

Ed Chartre of Services Explorations Enrg. carried a magnetometer survey on the Chartre-Dufresne Cairo Property with the purpose of outlining fault zones as possible prospecting targets. 2.8 line km were covered using an Exploranium G-816

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proton magnetometer on claims 1179886, 1179887 and 1179890. The results show two northwest trending faults. These two fault zones appear to be good targets for systematic prospecting in order to find more information regarding the presence of gold-bearing structures. (see report annex " ")
*FINAL SUBMISSION OP 92-520
OP 92-521*

Howard Lovell, former geologist with M.N.D.M. visited the property twice and provided interesting observations. Howard explains that in as much as the chalcopyrite-bearing quartz-carbonate veins fill fractures in this diabase, perhaps the chalcopyrite originated post diabase or was remobilized from older basement rocks by the intruding diabase. The chalcopyrite in the serpentinite along one claim length of the Montreal River shore between high and low water levels tends to occur along the numerous slip planes and as fracture fillings both accompanying quartz gangue and silicification, and also as chalcopyrite alone. Howard suggests that diamond drilling should take into account the cliff under the Montreal River below the low water level. (See report annex " ")

FINAL SUBMISSION OP 92-520 AND OP 92-521

In the year 1993, Denis Chartre and Roger Dufresne continued the systematic re-evaluation of the remainder of pits and trenches located 500 to 600 feet from the water's edge on G. Sunisloe's claim # 39477 where North Expo found 5' of 2.56% copper in a drill hole. Using manual labour and a Wajax high pressure water pump these pits were cleaned out and reevaluated. The layout, description, evaluation and assays are enclosed in this report. A Magnetometer survey was completed on claims # 1179888 and # 1185634. A V.L.F. survey was completed on the following claims: # 1179886, # 1179887, # 1179880, #1179888 and # 1185634. Results of surveys are enclosed.

Acknowledgements

We wish to thank David Bending, Senior Geologist with Homestake Canada Ltd., who visited our Holmes-Flavelle Property and our Cairo Property and has provided for us, a compilation map for the Holmes-Flavelle Property and assays, whole rock analysis and comments for the Cairo Property. (see annex " ")

We wish also ~~like~~ to thank Ed Chartre of Services Explorations Enrg. for a fine report.

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Description of Property

Denis Chartre and Roger Dufresne staked a total of nine contiguous claims in Cairo Township. The claim numbers are: 1179885, 1179886, 1179887, 1179888, 1179889, 1179890, 1185634, 1185635, 1185636.

The property consists of the old Matachewan Hub Pioneer Property and the former George Sunisloe Property. (references 16 and 18 on map 2110 Powell and Cairo Townships Timiskaming District) (see Cairo claim map dated June 10, 1992)

Location

The property is located in the southwest sector of Cairo Township about one mile east of the community of Matachewan, Ontario. Highway 66, between Matachewan and Kirkland Lake, is located a few hundred feet north of the Montreal River which forms part of the property. The claims are south of the eastern bend of the Montreal River. (see Cairo claim map dated June 10, 1992)

ACCESS

The property is accessed by truck. We travel West 59k. from Kirkland Lake along Highway 66 to Matachewan. About one mile East of Matachewan, a boat is launched at the Hub Pioneer Park into the Montreal River. The claims can be found across the river and the stripped areas on claim #1179888 and #1179887 up river; the witness posts are visible from the water.

Regional Geology

G. L. Kirwan, Consulting Geologist with North Expo Mines Limited explains in a report dated April 22, 1966 that Keewatin volcanic flows are the most abundant rock types in the Matachewan area, and two parallel east-trending synclines are formed by Temiskaming sediments in Cairo and adjacent Powell townships. These rocks are intruded by Algoman igneous rocks consisting of syenite and granite which in turn, have been intruded by north-trending diabase dikes. The flat-lying Cobalt Conglomerate lies with marked unconformity upon Precambrian formations. Shear zones in the Keewatin flows and pyroclastic rocks on the property contain mineralization consisting essentially of pyrite, pyrrhotite, and chalcopryite, as well as iron formation.

Property Geology

Howard Lovell, staff geologist with M.N.D.M. in Geological Report # 51 Geology of the Matachewan Area, 1967, page 49 explains that for a length of more than a mile southwest from Fox Rapids and for a maximum width of 400 feet, mafic intrusive rocks on the south shore of the Montreal River are highly sheared. The strike of the shearing is approximately parallel to the shore of Montreal River, and the dip is south.

Ed Chartre of Services Explorations Enrg. who mapped the Prospecting Program - 1992 on the 10 stripped sites explains that the exposed rock surfaces and local outcrops indicate the presence of a granodiorite with dioritic phases. A major fault zone traverses the northwestern part of the property in a northeasterly direction. This fault zone lies mostly under the bed of the Montreal River. The fault has been exposed in trench (area 7) where the rock exposure indicates the presence of strongly sheared granodiorite while shearing increases northwestwards towards the river. This strong fault zone has fractured the adjacent granodiorite with most of the quartz-filled fractures trending northeasterly. The numerous fractures observed are host to quartz veins which vary in length and width. The quartz veins and adjacent sheared walls contain disseminated hematite, magnetite, chalcopryite and pyrite. The strongest concentration of chalcopryite is in trench # 7. The highest gold assay returned 240 ppb and the highest copper assay returned 2.48%. The pervasive distribution of low gold values would seem to indicate the presence of a gold-bearing system within the fault zone under the Montreal River. (see report annex ~~"A"~~)

FINAL SUBMISSION OP 92-520
OP 92-521

Ed Chartre of Services Explorations Enrg. carried a magnetometer survey on the Chartre-Dufresne Cairo Property with the purpose of outlining fault zones as possible prospecting targets. 2.8 line km were covered using an Exploranium G-816 proton magnetometer on claims 1179886, 1179887 and 1179890.

The results show two northwest trending faults. These two fault zones appear to be good targets for systematic prospecting in order to find more information regarding the presence of gold-bearing structures. (see report annex "A")

FINAL SUBMISSION OP92-520 AND OP92-521

Howard Lovell, former geologist with M.N.D.M. visited the property three times and provided interesting observations. Howard explains that in as much as the chalcopyrite-bearing quartz-carbonate veins fill fractures in this diabase, perhaps the chalcopyrite originated post diabase or was remobilized from older basement rocks by the intruding diabase. The chalcopyrite in the serpentinite along one claim length of the Montreal River shore between high and low water levels tends to occur along the numerous slip planes and as fracture fillings both accompanying quartz gangue and silicification, and also as chalcopyrite alone. Howard suggests that diamond drilling should take into account the cliff under the Montreal River below the low water level.

(See report annex "B")

FINAL SUBMISSION OP92-520 AND OP92-521

Maurice Y. Houle, Contract Geologist with Falconbridge Limited indicated that the property hosts geological features favourable for hosting economic shear zone gold-silver-copper mineralization similar to the Young-Davidson Mine. The mineralization consists of up to 10% py, cpy in shear zones and quartz veins within shear zones. The shear systems are narrow, (typically <5 metres wide) and contain disseminated sulphides up to 10 centimetres in the wallrock adjacent to shears. The property is underlain by Precambrian serpentinite intruded by felsic intrusive rocks ranging from equigranular granodiorite to quartz feldspar porphyry.

(see Falconbridge file at annex "C")

FINAL SUBMISSION OP92-520 AND OP92-521

David Bending of Homestake Canada Ltd. provided some assays and observations on the Cairo property. Assays and whole rock analysis are enclosed at annex "D".

History

1964 - (circa) George Sunisloe staked 11 claims, dug pits and trenches, found gold and copper. The mineralized host rock is reported to be mainly diorite of Haileyburian age. G. Sunisloe reported a few low assays of gold in samples of quartz bearing metallic gold from veins cutting granodiorite.

1965- Rosmar Corp. Ltd. conducted a limited amount of self-potential work, advanced geology and geophysics. Prior work and trenching exposed two copper bearing zones and one major anomalous condition was recorded in Keewatin Volcanics including two parallel anomalies, one minor anomaly and 3 sub-anomalies trending Eastward in Temiskaming sediments containing high grade anomalous characteristics.

1966 - North Expo Mines Ltd. did a combined magnetic-electromagnetic survey on part of property followed by 3 ddh in two zones. Five feet of core yielded 2.56% Cu.

1991 - Denis Chartre and Roger Dufresne prospected the general area; they discovered a number of old pits; they took a number of rock samples; the best assays were AA-1 and AA-3 which yielded .04 and .06 Au (oz/ton) respectively and 3.74% and 2.23% copper respectively. (See annex "I")

1992 - Denis Chartre and Roger Dufresne assisted by Services Explorations Eng. stripped 10 areas on claim 1179888 with the following results: Ed Chartre of Services Explorations Enrg. who mapped the Prospecting Program - 1992 on the 10 stripped sites explains that the exposed rock surfaces and local outcrops indicate the presence of a granodiorite with dioritic phases. A major fault zone traverses the northwestern part of the property in a northeasterly direction. This fault zone lies mostly under the bed of the Montreal River. The fault has been exposed in trench (area 7) where the rock exposure indicates the presence of strongly sheared granodiorite while shearing increases northwestwards towards the river. This strong fault zone has fractured the adjacent granodiorite with most of the quartz-filled fractures trending northeasterly. The numerous fractures observed are host to quartz veins which vary in length and width. The quartz veins and adjacent sheared walls contain disseminated hematite, magnetite, chalcopryrite and pyrite. The strongest concentration of chalcopryrite is in trench # 7. The highest gold assay returned 240 ppb and the highest copper assay returned 2.48%. The pervasive distribution of low gold

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FINAL SUBMISSION OP 92-520
OP 92-521

General notes:

In the Matachewan area gold is associated with pyrite and chalcopyrite (copper) found in quartz veins cutting syenite. In the G. Sunisloe claim group, copper was reported as being found at the contact of sheared mafic intrusive rocks with granitic intrusive rocks.

Recommendations and Conclusions

The current prospecting program undertaken by D. Chartre and R. Dufresne included the stripping and trenching of 4 different sites along a ridge which parallels the Montreal River. All of the observed quartz-carbonate veins have been sampled and assayed for gold. Most of the samples assayed returned values ranging from 0.01 to 0.15 gr/T.

The presence of low gold values within most quartz-carbonate veins, strongly suggests the occurrence of a favourable gold-bearing environment.

It is recommended that a continued exploration program be implemented.

The V.L.F. electromagnetic conductor may indicate the presence of a fault or shear zone.

The magnetometer survey has outlined numerous magnetic anomalies of random distribution probably caused by the variable concentrations of disseminated magnetite within the mafic intrusives of the area.

The V.L.F. electromagnetic survey has defined a north-south trending conductor near the river's edge.

It is recommended that an induced polarization survey be undertaken on the property in an attempt to outline zones of sulfide concentrations.

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IV. DAILY REPORTS (Summarize work activity in Section I)

Day	Project Area	Date	Work Performed
1	CLAIM L- 1179887	MAY 21/93	ACCEPTED CAD PLOT & STARTED TO CLEAR AREA WITH CHAINSAW
2	" 1179890	22	CUT TRAIL TO AREA & MANUAL STRIPPING
3	" 1179888	23	MANUAL STRIPPING AROUND PIT & TREES
4	" 1185634	24	MOVED IN ALL EQUIPMENT & STRIPPED
5	" "	27	MANUAL & POWER STRIPPING
6	" "	30	MANUAL & POWER STRIPPING
7	" "	JUNE 5	CUTTING BASE LINE
8	" "	6	MANUAL & POWER STRIPPING
9	" "	12	MANUAL & POWER STRIPPING
10	" "	13	CUTTING GRID LINE
11	" "	14	MANUAL & POWER STRIPPING
12	" "	20	MANUAL & POWER STRIPPING
13	" "	26	MANUAL & POWER STRIPPING
14	" "	27	MANUAL & POWER STRIPPING
15	" "	JULY 3	CUTTING GRID LINES
16	" "	4	CUTTING GRID LINES
17	" "	9	MANUAL & POWER STRIPPING
18	" "	10	MANUAL & POWER STRIPPING
19	" "	18	CUTTING GRID LINES
20	" "	22	CUTTING GRID LINES
21	" "	23	CUTTING GRID LINES
22	" "	24	MANUAL & POWER STRIPPING
23	" "	25	MANUAL & POWER STRIPPING
24	" "	29	MANUAL & POWER STRIPPING
25	" "	30	MANUAL & POWER STRIPPING
26	" "	31	MANUAL & POWER STRIPPING
27	" "	AUG 1	MANUAL & POWER STRIPPING
28	" "	6	MANUAL & POWER STRIPPING
29	" "	7	MANUAL & POWER STRIPPING
30	" "	8	CUTTING GRID LINES
31	" "	13	CUTTING GRID LINES
32	" "	14	MANUAL & POWER STRIPPING
33	" "	15	MANUAL & POWER STRIPPING
34	" "	20	MANUAL & POWER STRIPPING
35	" "	21	MANUAL & POWER STRIPPING
36	" "	22	MANUAL & POWER STRIPPING
37	" "	25	MANUAL & POWER STRIPPING
38	" "	26	MANUAL & POWER STRIPPING
39	" "	27	MANUAL & POWER STRIPPING
40	" "	28	MANUAL & POWER STRIPPING
41	" "	29	MANUAL & POWER STRIPPING

Attach additional sheets as required.

NOTE: POWER STRIPPING WERE DONE WITH A
HONDA SHP + WATAX HIGH PRESSURE PUMP

28

[illegible]

Attach additional sheets as required.

. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
CAIRO PROPERTY THE VLF HAS DETECTED A NORTH SOUTH TRENDING CONDUCTOR NEAR THE RIVERS EDGE			

VI. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claim Units

VII. OPTION AGREEMENTS RESULTING FROM OPAP PROJECT (please complete)

Optionee	Property/Claims	Dollar Value of Work Commitment

The Ministry of Northern Development and Mines may verify all statements related to and made herein this application.

1. I am the person named in the Application for Grant under the Ontario Prospectors Assistance Program.
2. I am ordinarily a resident of Canada.
3. I have complied with all the requirements of the said program.
4. I understand that it is an offence under the Ontario Mineral Exploration Act, 1989, to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
5. I was not employed by the Ministry while in receipt of the OPAP grant.
6. I am not the spouse, child, sibling or parent of a Ministry employee.
7. I am aware that any other Provincial or Federal Government financial assistance received for said application will be deducted from the amount of incurred "Total Eligible Expenses".

It is an Offence under subsection 8(1)(A) of the Ontario Mineral Exploration Act, 1989 to knowingly furnish false or misleading information.

Personal information on this form is obtained under the authority of the Ontario Mineral Exploration Act, 1989, sections 2, 3 and 4 and the Ontario Prospectors Assistance Program Regulation, sections 4, 5 and 6. The financial and technical information will be used for the purpose of determining the eligibility of the applicant to

have a program designated for financial assistance and the amount of such assistance. Other information, such as statistical information about the individual projects will be used for the purpose of determining the overall effectiveness of the program. It may be disclosed for those purposes and I consent to its disclosure for such

purposes. Questions about this collection should be directed to Supervisor, Incentives Office, Mineral Development and Rehabilitation, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, Toll free 1-800-465-3880.

Signature of Applicant Denis Chartre Date JAN 15/94
Name (print) DENIS CHARTRE

IV. DAILY REPORTS (Summarize work activity in Section I)

Day	Project Area	Date	Work Performed
1	CARROLL 11798-7	MAY 21/93	LOCATED OLD LOTS & STARTED TO CLEAR PREVIOUS CHAINSAW
2	1179890	22	CUT TRAIL TO HILL & MANUAL STRIPPING
3	1179888	23	MANUAL STRIPPING GROUND PISTON MFS
4	1185634	24	MOVED IN ALL EQUIPMENT
5	"	JUNE 5	CUTTING BASE LINE
6	"	6	MANUAL & POWER STRIPPING
7	"	12	MANUAL & POWER STRIPPING
8	"	13	CUTTING GRID LINES
9	"	26	MANUAL & POWER STRIPPING
10	"	27	MANUAL & POWER STRIPPING
11	"	MAY 3	CUTTING GRID LINES
12	"	4	CUTTING GRID LINES
13	"	5	MANUAL & POWER STRIPPING
14	"	9	MANUAL & POWER STRIPPING
15	"	10	MANUAL & POWER STRIPPING
16	"	11	MANUAL & POWER STRIPPING
17	"	12	MANUAL & POWER STRIPPING
18	"	18	CUTTING GRID LINES
19	"	22	CUTTING GRID LINES
20	"	23	CUTTING GRID LINES
21	"	24	MANUAL & POWER STRIPPING
22	"	25	MANUAL & POWER STRIPPING
23	"	29	MANUAL & POWER STRIPPING
24	"	30	MANUAL & POWER STRIPPING
25	"	31	MANUAL & POWER STRIPPING
26	"	AUG 1	MANUAL & POWER STRIPPING
27	"	6	MANUAL & POWER STRIPPING
28	"	7	MANUAL & POWER STRIPPING
29	"	8	CUTTING GRID LINES
30	"	13	CUTTING GRID LINES
31	"	14	MANUAL & POWER STRIPPING
32	"	15	MANUAL & POWER STRIPPING
33	"	20	MANUAL & POWER STRIPPING
34	"	21	MANUAL & POWER STRIPPING
35	"	22	MANUAL & POWER STRIPPING
36	"	25	MANUAL STRIPPING
37	"	26	MANUAL & POWER STRIPPING
38	"	27	MANUAL & POWER STRIPPING
39	"	28	MANUAL & POWER STRIPPING
40	"	29	MANUAL & POWER STRIPPING
41	"	SEPT 3	MANUAL & POWER STRIPPING

Attach additional sheets as required.

V. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
CAIRO PROPERTY			
ULF ELECTROMAGNETIC SURVEY			
HAS DEFINED A NORTH-SOUTH			
TRENDING CONDUCTOR			

VI. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claims
N/A		

VII. OPTION AGREEMENTS RESULTING FROM OPAP PROJECT (please complete)

Optionee	Property/Claims	Dollar Value of Work Commitment

The Ministry of Northern Development and Mines may verify all statements related to and made herein this application.

1. I am the person named in the Application for Grant under the Ontario Prospectors Assistance Program.
2. I am ordinarily resident of Canada.
3. I have complied with all the requirements of the said program.
4. I understand that it is an offence under the Ontario Mineral Exploration Act, 1989, to make a false or misleading statement and that all statements and all other information submitted in support of the said application are true and correct.
5. I am not actively engaged in mineral production anywhere in the world, nor am I a representative of a person who is actively engaged in mineral production anywhere in the world.
6. I am not an associate of, nor do I represent an affiliated corporation or an associate of any person actively engaged in mineral production anywhere in the world.
7. The mineral exploration project that is the subject of the said application will not receive Federal Government or other Ontario Government financial assistance.

It is an Offence under subsection 8(1)(A) of the Ontario Mineral Exploration Act, 1989 to knowingly furnish false or misleading information.

Personal information on this form is obtained under the authority of the Ontario Mineral Exploration Act, 1989, sections 2, 3 and 4 and the Ontario Prospectors Assistance Program Regulation, sections 4, 5 and 6. The financial and technical information will be used for the purpose of determining the eligibility of the applicant to

have a program designated for financial assistance and the amount of such assistance. Other information, such as statistical information about the individual projects will be used for the purpose of determining the overall effectiveness of the program. It may be disclosed for those purposes and I consent to its disclosure for such

purposes. Questions about this collection should be directed to Supervisor, Incentives Office, Mineral Development and Lands Branch, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5. Toll free 1-800-465-3880.

Signature of Applicant Roger J. Dufresne Date JAN 15, 1994.
 Name (print) ROGER J. DUFRESNE

DUFRESNE
EQUIPMENT RENTALS

SOLD TO

SHIP TO

ADDRESS

R DUFRESNE

14 WRIGHT HARGREAVES

KIRKLAND LAKE, ONTARIO

P2N 1B2

VIA

OUR NUMBER

48936

DATE

DEC 20, 1993

CUSTOMER'S ORDER

SALESMAN

TERMS

F.O.B.

INVOICE

RENTAL OF WJAX
MARK I AND MARK II
HIGH PRESSURE WATER
PUMPS; 850 OF HOSE
AND OPERATOR (PAUL
DUFRESNE OR ASSISTANT)

16 DAYS AT

ON CLAIM #1179887

90 00 1440 00

PAID *Paul Dufresne*

BLANK D 31

DUFRESNE
EQUIPMENT RENTALS

SOLD TO

SHIP TO

ADDRESS

DENIS CHARTRE

BOX 53 SWASTIKA

SWASTIKA, ONTARIO.

POK 170

OUR NUMBER

48935

DATE

DEC 20, 1993

CUSTOMER'S ORDER

SALESMAN

TERMS

F.O.B.

INVOICE

RENTAL OF WJAX
MARK I AND MARK
II WATER PUMPS
AND 850 FT OF HOSE
AND OPERATOR
(PAUL DUFRESNE
OR ASSISTANT)

17 DAYS AT

ON CLAIM #1179887

90 00 1530 00

PAID *Paul Dufresne*

BLANK D 31



Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Established 1928

Assaying - Consulting - Representation

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Assay Certificate

3W-2564-RA1

Company: **ROGER DUFRESNE**
Project: **OPAP/93 CAIRO TOWNSHIP**
Attn:

Date: OCT-06-93

We hereby certify the following Assay of 29 ROCK samples submitted SEP-27-93 by .

Sample Number	Au g/tonne	Au oz/ton	Au g/tonne	Au oz/ton	Ag oz/ton	Cu %
17651	0.11	.003	0.11	.003	0.01	0.77
17652	0.01	.001				
17653	0.01	.001				
17654	0.02	.001			0.01	0.23
17655	0.02	.001			0.01	0.24
17656	0.01	.001				
17657	0.01	.001			0.01	0.34
17658	0.02	.001			0.01	0.33
17659	0.04	.001				
17660	0.03	.001				
17661	0.01	.001			0.01	0.04
17662	0.03	.001	0.03	.001		
17663	0.02	.001			0.01	0.12
17664	0.02	.001				
17665	0.03	.001			0.01	0.91
17666	0.02	.001			0.01	0.87
17667	0.01	.001			0.01	0.38
17668	0.02	.001				
17669	0.15	.004	0.13	.004		
17670	0.02	.001				0.27
17671	0.02	.001				
17672	0.02	.001				
17673	0.02	.001				
17674	0.01	.001				
17675	NIL					
17676	NIL					
17677	0.02	.001				
17678	NIL					
17679	0.02	.001	0.02	.001		

Certified by Dennis Chantre

P.38

Swastika Laboratories
 P. Box 10
 Swastika, Ontario
 P0K 1T0

INVOICE

NO 28902

DATE: 10-07-93

PAGE: 1 of 1

SOLD TO:

SHIP TO:

R. Dufresne
 14 Wright-Hargreaves Ave.
 Kirkland Lake, Ontario
 P2N 1B2

Same

GST Number: R132862640

ITEM NO	QUANTITY	UNIT	DESCRIPTION	G	P	UNIT PRICE	AMOUNT
29	Code 1		Au Assays	3		8.000	232.00
10	Code 1		Ag Assays	3		2.500	25.00
11	Code 1		Cu Assays	3		1.250	13.75
29	Code 4		Sample Prep	3		3.000	87.00
			Cert #3W-2564-RA1				
			Less 10% Discount	3			38.28-
			3-GST @ 7 %				22.36

SWASTIKA LABORATORIES
 OCT 16 PAID

WITH THANKS
 PER *[Signature]*

COMMENTS

Net 30 Days

TOTAL

341.83

SERVICES EXPLORATION SERVICES Enrg. Reg'd

785, BOUL. QUÉBEC
C.P. 428
ROUYN-NORANDA, P.Q.
J8X 5C4

TÉLÉPHONE: (819) 797-0853
1-800-567-6053

FAX: (819) 797-1848
1-800-661-1848

P.39

Levés géophysiques	Geophysical Surveys
Levés géologiques	Geological Surveys
Jalonnement de claims	Claim staking
Dessin et reproduction	Drafting and Reproduction
Coupage de lignes	Line Cutting
Programmes d'exploration	Exploration Programmes
Ventes d'articles d'exploration minière	Sales of mining exploration articles

En compte avec: Denis Chartré
In account with: Box 53
Swastika, Ont.
POK 1T0

FACTURE
INVOICE

7573

Projet: CAIRO TWP.
Project: _____

DATE Dec. 30, 1993	NUMÉRO DU CLIENT CUSTOMER NO
N° COMMANDE	
PURCHASE ORDER NO	

DESCRIPTION	PRIX UNITAIRE UNIT PRICE	TOTAL
Magnetometer Survey: 2.7 Km	\$ 65.00	\$ 175.50
V L F Electromagnetic Survey: 4.6 Km	\$ 65.00	\$ 299.00
		\$ 474.50
G S T		\$ 33.18
	TOTAL	\$ 507.68

T.P.S./G.S.T.: R105801906
T.V.P./P.S.T.: Q-10-0169-9225 TV 0001

THANK YOU

LF-2132

Code: _____

TERME: NET 30 JOURS
TERMS: NET 30 DAYS

COPIE DU CLIENT

SERVICES EXPLORATION SERVICES

285, BOUL. QUÉBEC
P. 428
QUYV-NORANDA, P.Q.
J8X 5C4

TELEPHONE: (819) 797-0853
1-800-567-6053

FAX: (819) 797-1848
1-800-661-1848

P.40

Levés géophysiques	Geophysical Surveys
Levés géologiques	Geological Surveys
Jalonnement de claims	Claim staking
Dessin et reproduction	Drafting and Reproduction
Coupage de lignes	Line Cutting
Programmes d'exploration	Exploration Programmes
Ventes d'articles	Sales of mining
d'exploration minière	exploration articles

En compte avec: Denis Chartré
In account with:

Box 53
Swastika, Ont.
POK 1T0

FACTURE
INVOICE

7574

Projet: CAIRO TWP.
Project:

DATE Dec. 30, 1993	NUMÉRO DU CLIENT CUSTOMER NO
N° COMMANDE PURCHASE ORDER NO	

DESCRIPTION	PRIX UNITAIRE UNIT PRICE	TOTAL
Geological Mapping & Report on Prospecting Program (OPAP)		\$ 750.00
G S T		\$ 52.50
	TOTAL	\$ 802.50

T.P.S./G.S.T.: R105801906
T.V.P./P.S.T.: Q-10-0169-9225 TV 0001

THANK YOU

LF 2132

Code: _____

TERME: NET 30 JOURS
TERMS: NET 30 DAYS

COPIE DU CLIENT



705, BOUL. QUÉBEC
C.P. 428
ROUYN-NORANDA, P.Q.
J9X 5C4

Dessin et Reproduction
Jalonnement de Claims
Coupage de Lignes
Levés Géophysiques
Levés Géologiques
Programmes d'Exploration
Vente d'articles
d'exploration minière

Drafting and Reproduction Services
Claim Staking
Line Cutting
Geophysical Surveys
Geological Surveys
Exploration Programmes
Sales of mining
exploration articles

PROSPECTING PROGRAM
CHARTRE-DUFRESNE OPAP PROJECT
CAIRO TWP. PROPERTY

October 1993



I - INTRODUCTION	P 1
II - PROPERTY	P 1
III - LOCATION & ACCESSIBILITY	P 2
IV - PROSPECTING PROGRAM	P 2
V - CONCLUSIONS & RECOMMENDATIONS	P 5

APPENDIX

A - Assay results

MAPS

1 - Claim Map	1" = 1/2 mi
2 - General Geology Map	1" = 1/2 mi.
3 - Location Map	1" = 2 mi.
4 - Location Map	1:1 600 000

I - INTRODUCTION:

This report, written at the request of D. Chartré and R. Dufresne, describes the prospecting carried out on the CHARTRE-DUFRESNE Cairo township property during the months of August, September and October, 1993.

The stripping, trenching and sampling programs were carried out within the framework of an OPAP project, in an attempt to locate and re-evaluate old trenches and pits.

II - PROPERTY:

The CHARTRE-DUFRESNE property consists of 7 contiguous 16 hectare claims which are numbered as follows:

1179885 - 1179886 - 1179887 - 1179888 - 1179889
1179890 - 1185634.

The prospecting referred to in this report was carried out on claims 11179887 and 1179890.

III - LOCATION & ACCESSIBILITY:

The claim group is located in the southwest quadrant of Cairo township at an approximate distance of 1/2 mile east of the town of Matachewan, Ontario.

From Matachewan, the claim group may be reached by travelling along highway 66, eastwards, for a distance of 1 mile to a river access point - then the claim group may be reached by crossing the river by boat.

IV - PROSPECTING PROGRAM:

a) Stripping & Trenching:

A total of 4 sites have been stripped and trenched, exposing old trenches and pits and also fresh rock exposures along a ridge parallel to the shore of the Montréal River, on claims 1179887 and 1179890. (see accompanying map for location).

The stripping was done manually by clearing areas of vegetation and then by cleaning rock surfaces by using a fire hose.

b) Geology:

The exposed rock surfaces and local outcrops indicate the presence of granodiorite with dioritic phases.

The granodiorite is greyish pink in colour with a buff altered surface. This rock type has a coarse granitic texture and contains the following minerals:

- feldspars 40%
- amphibole-pyroxene 15%
- quartz 15%
- biotite 5%

- accessory minerals include hematite, magnetite and pyrite.

The diorite has a dark greyish-green colour and a greyish-green altered surface. Its mineral composition is similar to that of the granodiorite, however, quartz is usually absent.

c) Structure.

Only a few minor shear zones have been observed on the exposed rock surfaces; these usually strike at 50°.

d) Economic Geology:

The numerous fractures and shear zones observed are usually host to quartz-carbonate veins; these are usually short, in the range of 1 to 4 meters. Their widths vary from a few mm to 25 cm.

Most of the veins contain disseminated pyrite, chalcopyrite and hematite.

The highest gold value assayed 0.15 g/T and the highest copper value assayed 0.91% Cu/T.

e) Sampling:

Samples of mineralized quartz-carbonate veins were taken randomly within the stripped and trenched areas.

The location, the sample no and assay results are of each sample are indicated on accompanying maps.

A total of 29 samples have been assayed for gold. Of these, 11 have also been assayed for silver and copper. Assay results are tabulated on Appendix "A" of this report.

V - CONCLUSIONS & RECOMMENDATIONS:

The current prospecting program undertaken by D. Chartré and R. Dufresne included the stripping and trenching of 4 different sites along a ridge which parallels the Montréal River. All of the observed quartz-carbonate veins have been sampled and assayed for gold. Most of the samples assayed returned values ranging from 0.01 to 0.15 gr/T.

The presence of low gold values within most quartz-carbonate veins, strongly suggests the occurrence of a favourable gold-bearing environment.

It is recommended that a continued exploration program be implemented.

Respectfully submitted:

E. Chartré, B.A., B.Sc. 

Oct. 30, 1993



Established 1928

Swastika Laboratories

A Division of TSL / ASSAYERS INC.

Assaying - Consulting - Representation

Assay Certificate

3W-2564-RA1

Company: **ROGER DUFRESNE**
 Project: **OPAP/93 CAIRO TOWNSHIP**
 Attn:

Date: OCT-06-93

We hereby certify the following Assay of 29 ROCK samples
 submitted SEP-27-93 by .

Sample Number	Au g/tonne	Au oz/ton	Au g/tonne	Au oz/ton	Ag oz/ton	Cu %
17651	0.11	.003	0.11	.003	0.01	0.77
17652	0.01	.001				
17653	0.01	.001				
17654	0.02	.001			0.01	0.23
17655	0.02	.001			0.01	0.24
17656	0.01	.001				
17657	0.01	.001			0.01	0.34
17658	0.02	.001			0.01	0.33
17659	0.04	.001				
17660	0.03	.001				
17661	0.01	.001			0.01	0.04
17662	0.03	.001	0.03	.001		
17663	0.02	.001			0.01	0.12
17664	0.02	.001				
17665	0.03	.001			0.01	0.91
17666	0.02	.001			0.01	0.87
17667	0.01	.001			0.01	0.38
17668	0.02	.001				
17669	0.15	.004	0.13	.004		
17670	0.02	.001				0.27
17671	0.02	.001				
17672	0.02	.001				
17673	0.02	.001				
17674	0.01	.001				
17675	NIL					
17676	NIL					
17677	0.02	.001				
17678	NIL					
17679	0.02	.001	0.02	.001		

Certified by Dennis Chantre



POWELL Twp.

2M

1M

CAIRO Twp.

66

66

Montreal

River

L 100 S

L 900 S

BLO

1M

2M

3M

KIMBERLEY Twp.

INDEX MAP

SCALE: 1 50000

1000 0 1000 2000 3000

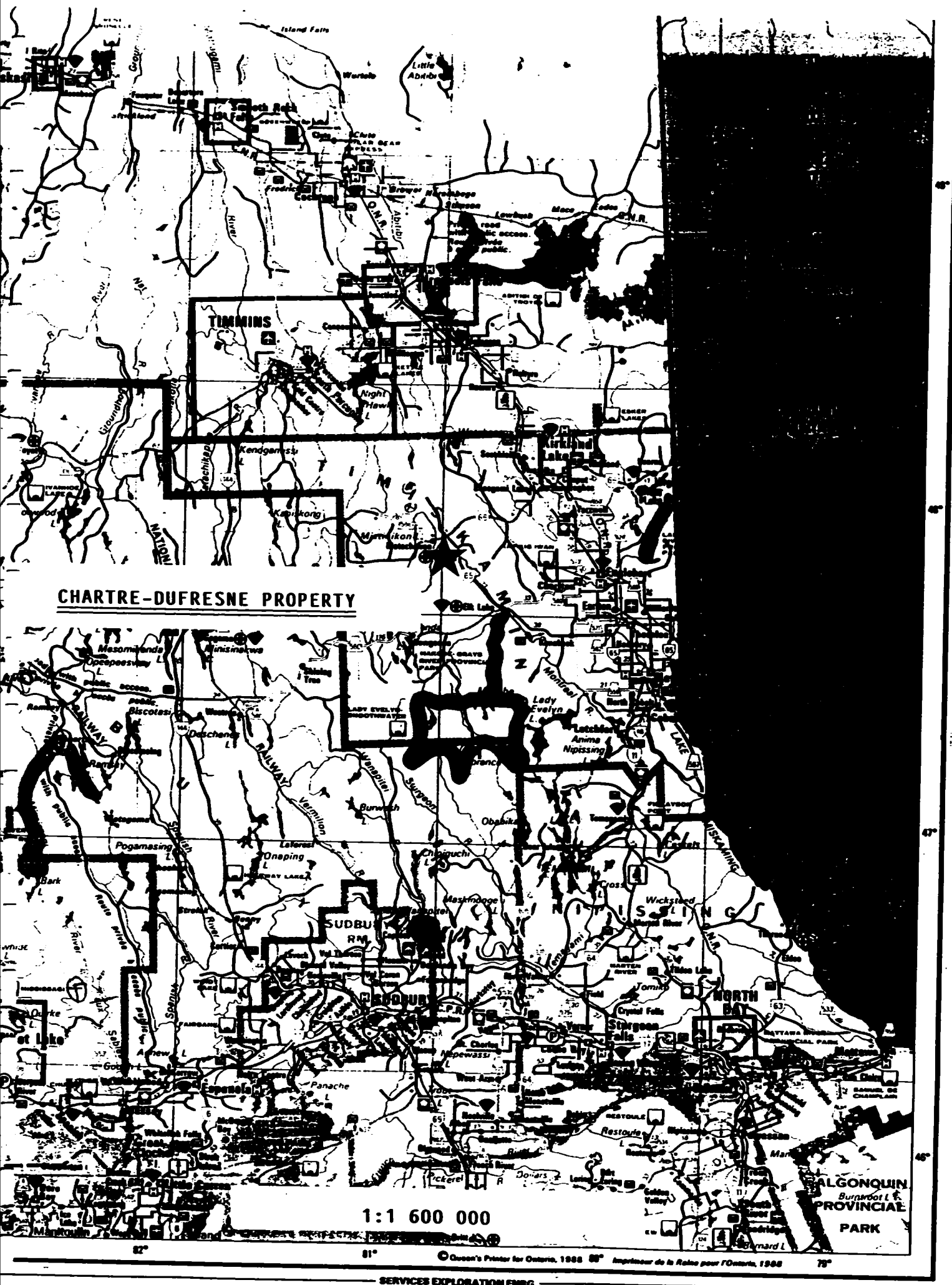


METRES



CHARTRE - DUFRESNE PROPERTY

1" = 1/2 Mi





705, BOUL. QUÉBEC
C.P. 428
ROUYN-NORANDA, P.Q.
J8X 5C4

Dessin et Reproduction
Jalonnement de Claims
Coupage de Lignes
Levés Géophysiques
Levés Géologiques
Programmes d'Exploration
Vente d'articles
d'exploration minière

Drafting and Reproduction Services
Claim Staking
Line Cutting
Geophysical Surveys
Geological Surveys
Exploration Programmes
Sales of mining
exploration articles

GEOPHYSICAL SURVEYS

CHARTRE-DUFRESNE OPAP PROJECT

CAIRO TWP. PROPERTY

December 1993



41P15NE0004 2.15417

030C

TABLE OF CONTENTS

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II - PROPERTY	P 1
III - LOCATION & ACCESSIBILITY	P 1
IV - GEOPHYSICAL SURVEYS	P 2
V - CONCLUSIONS & RECOMMENDATIONS	P 4

MAPS

1-Coloured Magnetic Map	1:5 000
2-Claim Map	1"=1/2 mi.
3-Location Map	1"= 2 mi.
4-Location Map	1:1 600 000

I - INTRODUCTION:

At the request of D. Chartr  and R. Dufresne, a 1992 magnetometer survey was extended and a V.L.F. electromagnetic survey was undertaken on the original 1992 grid and also on the 1993 grid extension. The surveys were carried out during the fall of 1993, by Exploration Services Reg'd, on the CHARTRE-DUFRESNE Cairo township property.

The surveys were undertaken in an attempt to outline fault zones as potential prospecting targets.

II - PROPERTY:

The CHARTRE-DUFRESNE property consists of 7 contiguous 16 hectare claims which are numbered as follows:

1179885 - 1179886 - 1179887 - 1179888 - 1179889
1179890 - 1185634.

III - LOCATION & ACCESSIBILITY.

The claim group is located in the south-west quadrant of Cairo township at an approximate distance of one half mile east of the town of Matachewan, Ontario.

From Matachewan, the claim group may be reached by travelling eastwards along highway 66 for a distance of 1 mile to a river access point - then by crossing the Montréal River by boat.

IV - GEOPHYSICAL SURVEYS:

The geophysical surveys were carried out along a grid which was partially cut in 1992 and extended in 1993. The 900 meter long base line of this grid trends north-south. Cross lines extend westwards to the shore of the Montréal River. The lines occur at every 100 meter intervals. A total of 2.8 line Km were cut in 1992 and an additional 2.7 Km were cut in 1993.

Magnetometer Survey:

- Instrumentation:

An Exploranium G-816 proton magnetometer was used for the survey; readings were taken at every 12.5 meter intervals.

- Data Presentation:

The magnetometer data were plotted on a map at the scale of 1:2 500 and magnetic contour lines were

drawn at every 100 gamma intervals from 0 to 100 gammas, at every 200 gamma intervals from 1000 to 2000 gammas and at every 1000 gamma intervals for values beyond 2000 gammas.

A coloured magnetic map was also drafted at the scale of 1:5 000.

- Interpretation:

Strong magnetic anomalies have been observed throughout the surveyed area - the shape, size and distribution of the anomalies are irregular. Variable concentrations of disseminated magnetite are the probable cause of the random patterns. The magnetite is contained in the diorite and granodiorite intrusives

V. L . F. Electromagnetic Survey:

- Instrumentation:

A Geonic's EM-16 V.L.F. electromagnetic unit was used for the survey. Readings were taken at every 25 meter intervals tuned to station NSS.

- Data Presentation:

The EM data were plotted on a map at the scale of 1:2 500. In-phase and out-of-phase profiles were drafted at the scale of 1 cm = 10%.

- Interpretation:

A V L F electromagnetic conductor has been outlined by the river's edge, trending in a north-south direction, between line 7S and line 9S.

This conductor may indicate the presence of a fault or shear zone - it could also indicate the presence of sharp topographical features.

V - CONCLUSION & RECOMMENDATION:

The magnetometer survey has outlined numerous magnetic anomalies of random distribution - these are probably caused by the variable concentrations of disseminated magnetite within the mafic intrusives of the area.

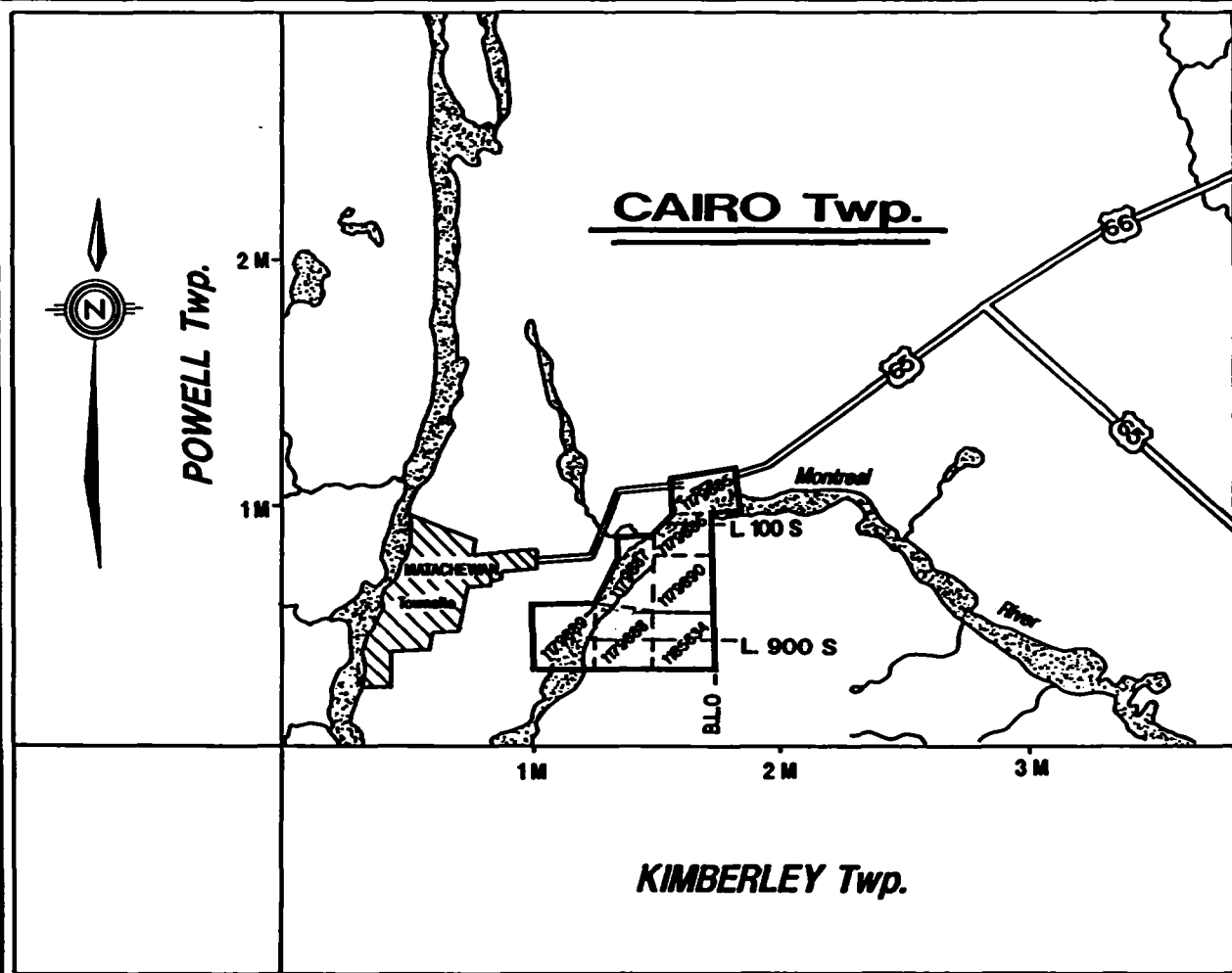
The V L F electromagnetic survey has defined a north-south trending conductor near the river's edge.

It is recommended that an induced polarization survey be undertaken on the property in an attempt to outline zones of sulfide concentrations.

Respectfully submitted,

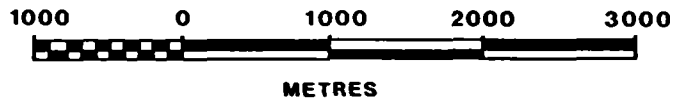
E. Chartré, B.A., B.Sc. 

December 30, 1993

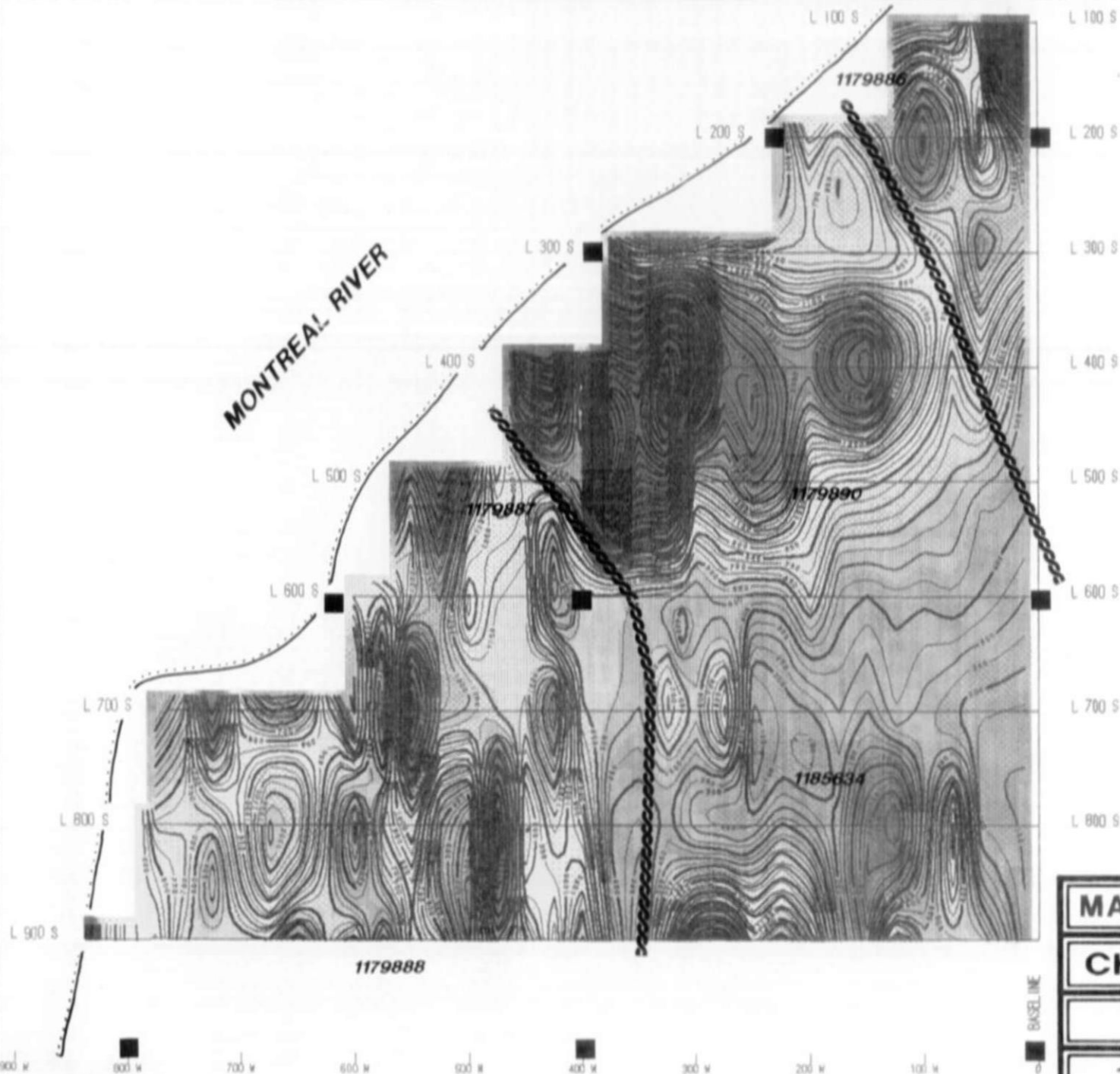


INDEX MAP

SCALE: 1 50000



MONTREAL RIVER



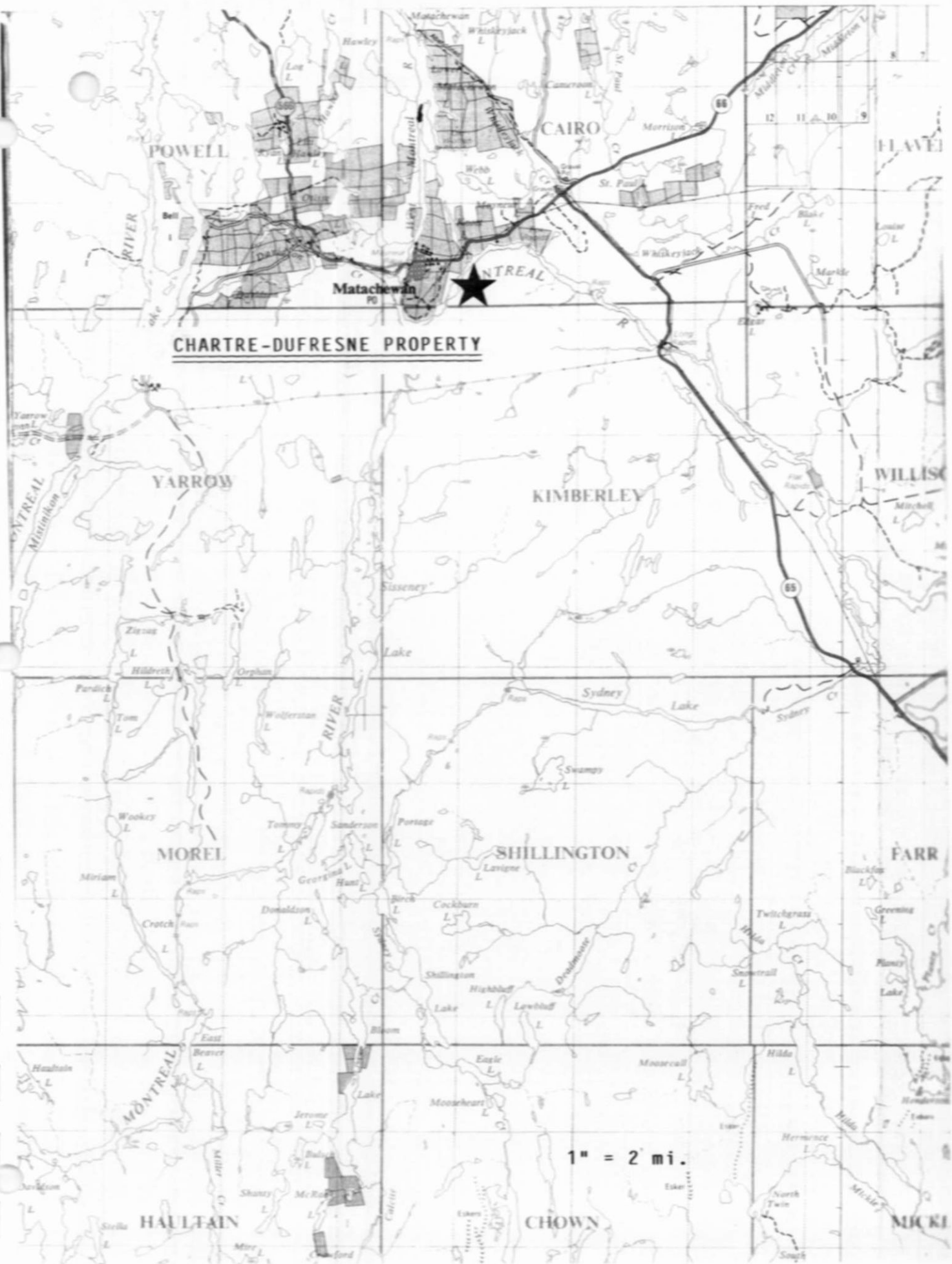
MAGNETOMETER SURVEY

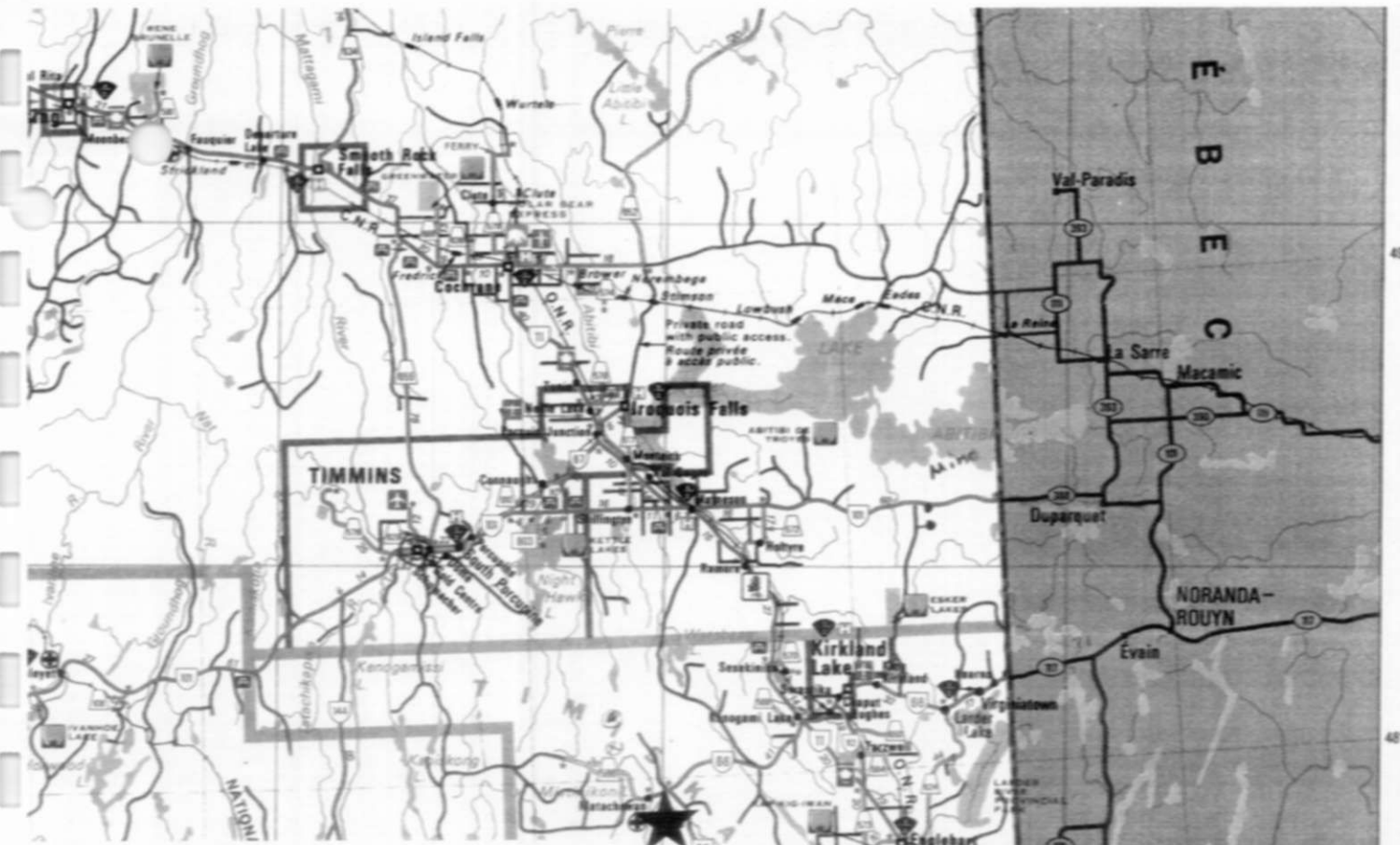
CHARTRE-DUFRESNE

CAIRO TWP.

1 : 5,000

DEC./93

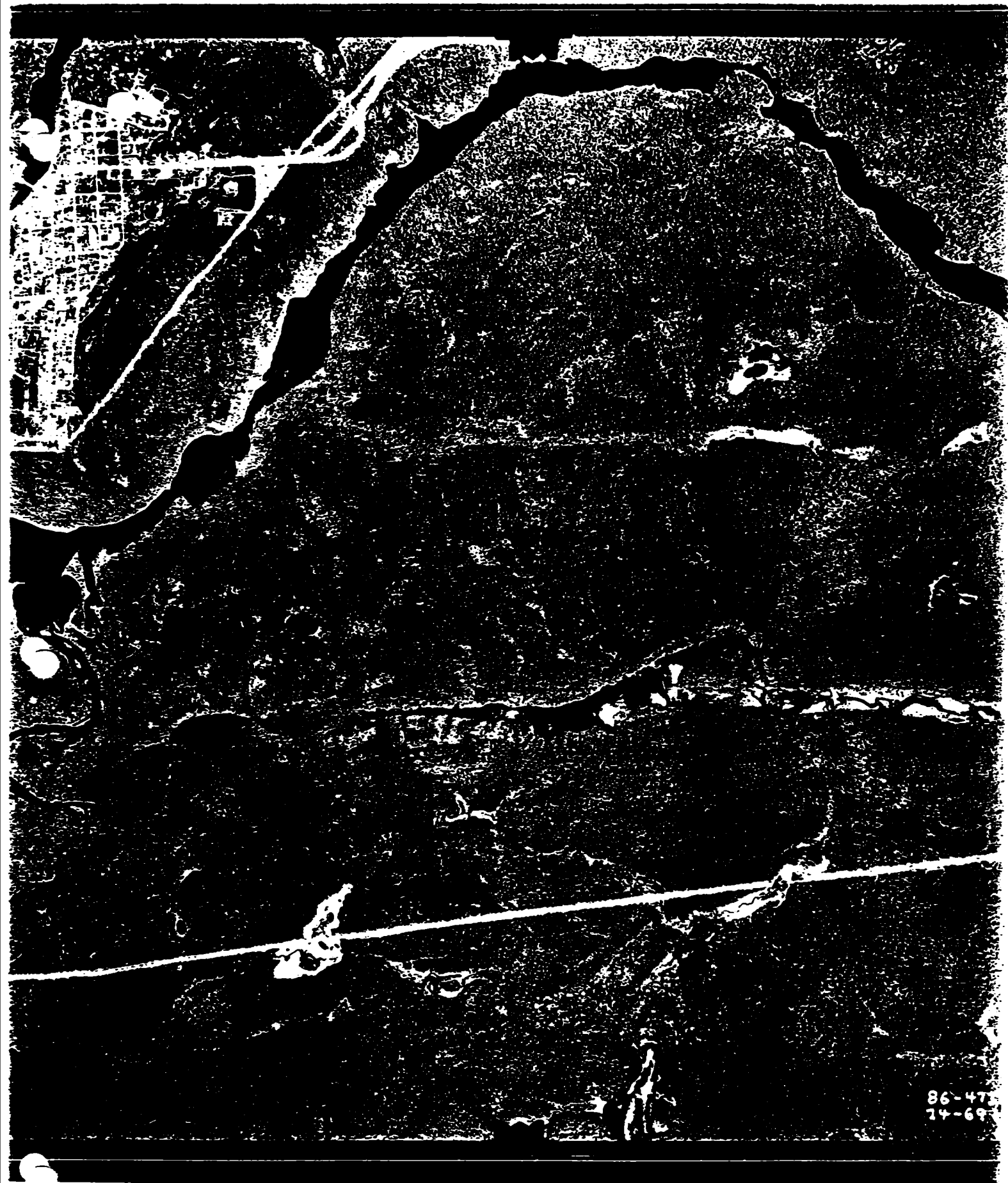




CHERTSEY-DUFRESNE PROPERTY

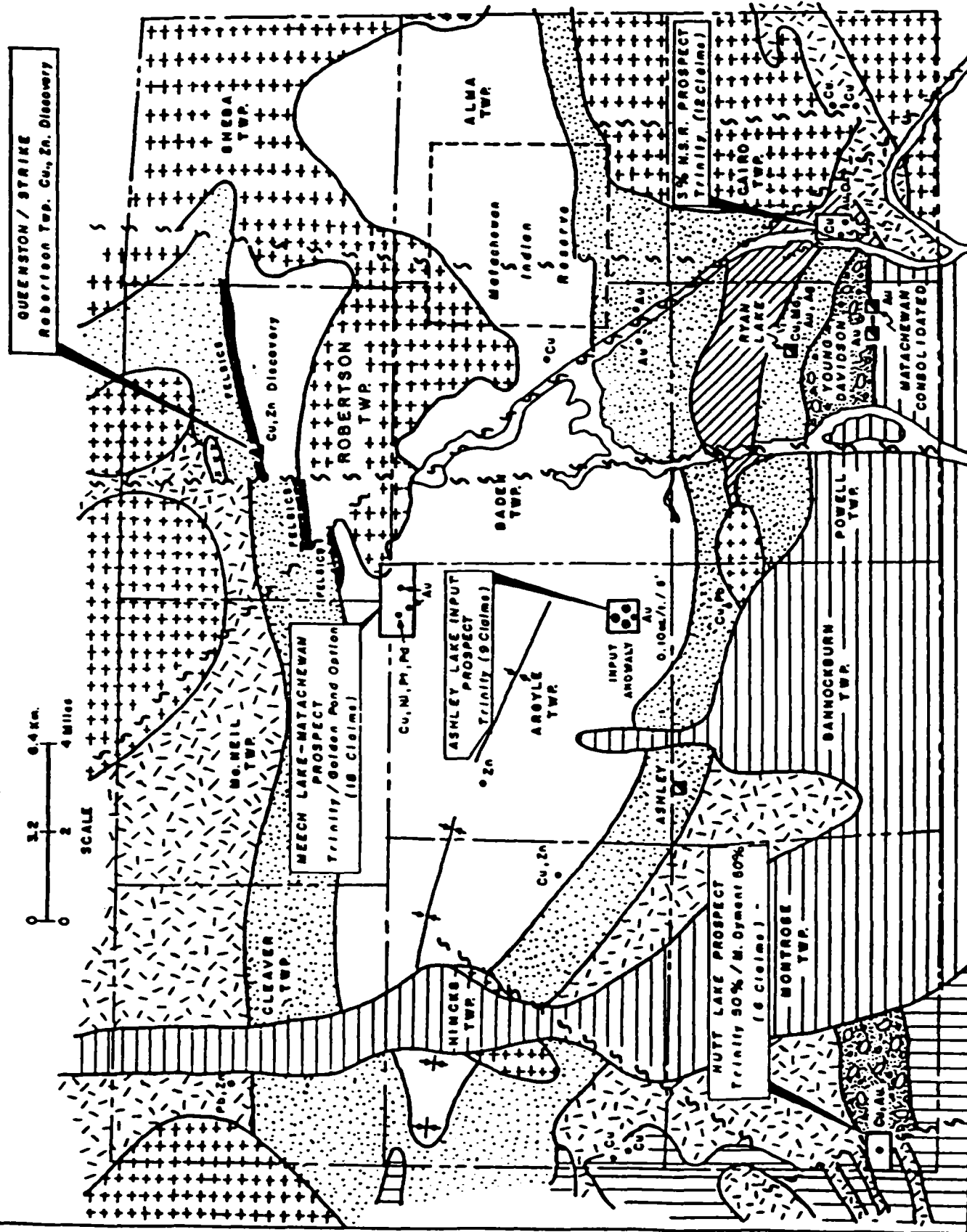


1:1 600 000



ANNEX "B"

**"MATACHEWAN AREA COPPER DISCOVERY"
GENERAL GEOLOGICAL and LOCATION
SKETCH**



(Modified after R MacIe and P Soble (MPH Consulting, 1988))

(706) 867-38



NTS 42A/02

November 10, 1992

Roger Dufresne
14 Wright - Hargreaves
Kirkland Lake, Ontario
P2N 1B2

Dear Roger:

RE: YOUR HOLMES AND CAIRO PROPERTIES

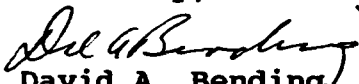
It was a pleasure to meet with you and discuss your property last week. I hope that the analyses and comments are of some value to you. Your property is well located and warrants further exploration work, but Homestake is terminating exploration activity in the area and will not conduct further investigations.

I enclose for your convenience a general compilation map of the area. This map is based on work by Len Cunningham, published maps by Howard Lovell, and reports by Pamourex. It is quite generalized but may help you in your discussions of the property. It is not confidential but has not been distributed to the other parties active in the area.

As part of your continuing exploration strategy, I suggest that you examine the area in syenite along the Wiley Fault and the area of high magnetic response (shaded on the compilation map) in syenite immediately south of the Brookbank gold occurrence. It is possible that these areas will host gold mineralization not tested by your work to date.

Thank you for your interest and cooperation. Best of luck in your continuing exploration activities.

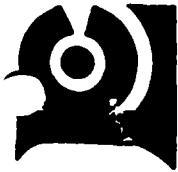
Sincerely,


David A. Bending
Senior Geologist

HOMESTAKE CANADA LTD.

#2116 - 120 Adelaide Street West • Toronto • Ontario M5H 1T1 Canada

(416) 366-4432 • Fax (416) 366-3979



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 416-624-2806

TO: HOMESTAKE MINERAL DEVELOPMENT COMPANY

2116 - 120 ADELAIDE ST., W.

TORONTO, ON

MSH 1T1

Page 1 of 1
Total F
Certificate Date: 14-AUG-82
Invoice No. : 19219250
P.O. Number :
Account : HRD

Project: 5700
Comments: ATTN: DAVID BENDING

CERTIFICATE OF ANALYSIS A9219250

SAMPLE	PREP CODE	Au Dpb FA+AA	Au FA g/t																	
DM1-1	212 274	355	0.4																	
DM1-2	212 274	>10000	44.1																	
DM1-3	212 274	185	-----																	
DM2-1	212 274	195	-----																	
DM2-2	212 274	70	-----																	
CD1-1	212 274	15	-----																	
CD1-2	212 274	1030	1.1																	
CD1-3	212 274	145	-----																	
CD1-4	212 274	430	0.4																	
CD1-5	212 274	15	-----																	
CD1-6	212 274	175	-----																	
CD1-7	212 274	8640	7.8																	
CD1-8	212 274	3370	3.2																	
CD1-9	212 274	40	-----																	
CM1-1	212 274	10	-----																	
CM1A-1	212 274	290	-----																	
CM1A-2	212 274	< 5	-----																	
CM1B-1	212 274	< 5	-----																	
CM1C-1	212 274	325	0.3																	
CM1C-2	212 274	10	-----																	

3 CAIRO TWP.

CERTIFIED BY: *Agnes Lusvardi*



Laboratoires Chemex Ltee.

Essayeurs • Geochimistes • Chimistes Analytiques
175 Boul. Industriel C.P. 284, Rouyn,
Quebec, Canada J8X 5C3
PHONE: 819-787-1922

p: HOMESTAKE MINERAL DEVELOPMENT COMPANY

2116 - 120 ADELAIDE ST., W.
TORONTO, ON
M5H 1T1

Project: 5700
Comments: ATTN: DAVID BENDING

Page No. 1 of 1
Total Pages 1
Certificate Date: 25-AUG-82
Invoice No.: 19219251
P.O. Number
Account: HRD

CERTIFICATE OF ANALYSIS A9219251

SAMPLE	PREP CODE	Al2O3 %	CaO %	Cr2O3 %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	LOI %	TOTAL %
CHA-2	208 274	7.63	1.53	0.13	19.10	0.05	9.52	0.09	0.06	0.57	51.51	0.80	4.79
95.77													

CAIRO TWP.

CERTIFICATION:

Phai D. Ma



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

ANNEX "I"
6

Assay Certificate

1W-4108-RA1

Company: **ROGER DUFRESNE**

Date: **OCT-03-91**

Project:

Copy 1. 14 Wright-Hargraves, Kirkland Lake.

Attn:

We hereby certify the following Assay of 2 rock samples
submitted OCT-02-91 by .

Sample Number	Au oz/ton	Au check oz/ton	Au 2nd oz/ton	Cu %
AA-1	0.044	0.042		3.74
AA-3	0.052	0.062	0.051	2.23

Certified by

Donna Gardner

SERVICES EXPLORATION SERVICE



41P15NE0004 2.15417

040

785, BOUL. QUÉBEC
C.P. 428
ROUYN-NORANDA, P.Q.
J8X 5C4

Dessin et Reproduction
Journement de Claims
Coupage de Lignes
Levés Géophysiques
Levés Géologiques
Programmes d'Exploration
Vente d'articles
d'exploration minière

Drafting and Reproduction services
Claim Staking
Line Cutting
Geophysical Surveys
Geological Surveys
Exploration Programmes
Sales of mining
exploration articles

MAGNETOMETER SURVEY

CHARTRE-DUFRESNE OPAP PROJECT

CAIRO TWP. PROPERTY

September 1992



41P15NE0004 2.15417

040C

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I - INTRODUCTION	P 1
II - PROPERTY	P 1
III - LOCATION & ACCESSIBILITY	P 1
IV - MAGNETOMETER SURVEY	P 2
V - CONCLUSIONS & RECOMMENDATIONS	P 4

MAPS

1 - Coloured Magnetic Map	1:3 125
2 - Claim Map	1" = 1/2 mi.
3 - Location Map	1" = 2 mi.
4 - Location Map	1: 1 600 000

I - INTRODUCTION:

At the request of D. Chartré and R. Dufresne, a magnetometer survey was carried out, by Exploration Services Reg'd, on part of the CHARTRE-DUFRESNE Cairo township property, during the month of September, 1992.

The survey was undertaken in an attempt to outline fault zones as possible prospecting targets.

II - PROPERTY:

The CHARTRE-DUFRESNE property consists of 7 contiguous 16 hectare claims which are numbered as follows:

1179885 - 1179886 - 1179887 - 1179888 - 1179889
1179890 and 1185634.

III - LOCATION & ACCESSIBILITY:

The claim group is located in the south-west quadrant of Cairo township at an approximate distance of one half mile east of the town of Matachewan, Ontario.

From Matachewan, the claim group may be reached by travelling eastwards along highway 66 for a distance of 1 mile, to a river access point - then by crossing the Montréal River by boat.

IV - MAGNETOMETER SURVEY:

A) Coverage:

The magnetometer survey was carried out along a previously cut grid whose 600 meter long base line trends north-south. Cross lines have been cut westward to the river's edge, spaced at every 100 meters along the base line.

Thus, a total of 2.8 line kilometers have been covered by the survey.

B) Instrumentation:

An Exploranium 6-816 proton magnetometer was used for the survey; readings were taken at every 12.5 meter intervals.

C) Data Presentation:

The magnetometer data were plotted on a map at

a scale of 1:2 500 and the magnetic contour lines were drawn at every 100 gamma interval from 0 to 1 000 gammas, at every 200 gamma intervals between 1 000 and 2 000 gammas and at every 1 000 gammas for readings above 2 000.

The data were also presented on a coloured format at the scale of 1:3 125.

D) Interpretation:

A strong, 100 meter wide magnetic anomaly has been outlined between lines 3 S and 6S, between stations 3 W and 4 W. Other magnetic anomalies have also been partly outlined by the survey - their distribution appears to be random - these are probably caused by variable concentrations of magnetite which is disseminated in the diorite intrusive.

The magnetic pattern also indicates the presence of 2 northwest trending faults.

V - CONCLUSIONS & RECOMMENDATIONS:

The magnetometer survey has outlined numerous magnetic anomalies of random distribution - these are probably caused by variable concentrations of magnetite within the diorite intrusive.

The magnetometer survey has also outlined the presence of 2 northwest trending faults.

It is recommended that a systematic prospecting program be implemented along the indicated fault zones in an attempt to outline the presence of gold-bearing structures.

Respectfully submitted:

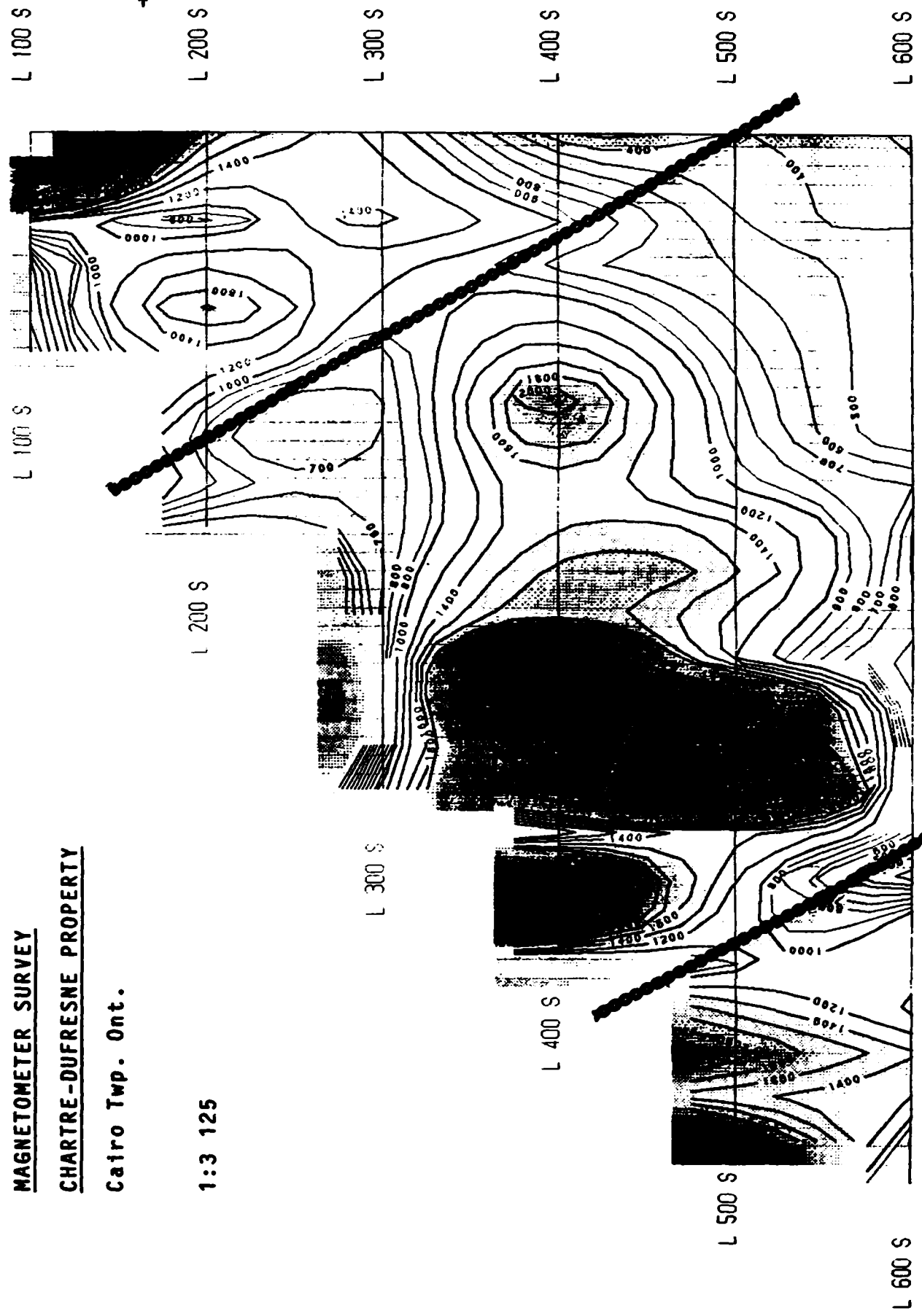
E. Chartr , B.A., B. Sc.:  Oct 29, 1992

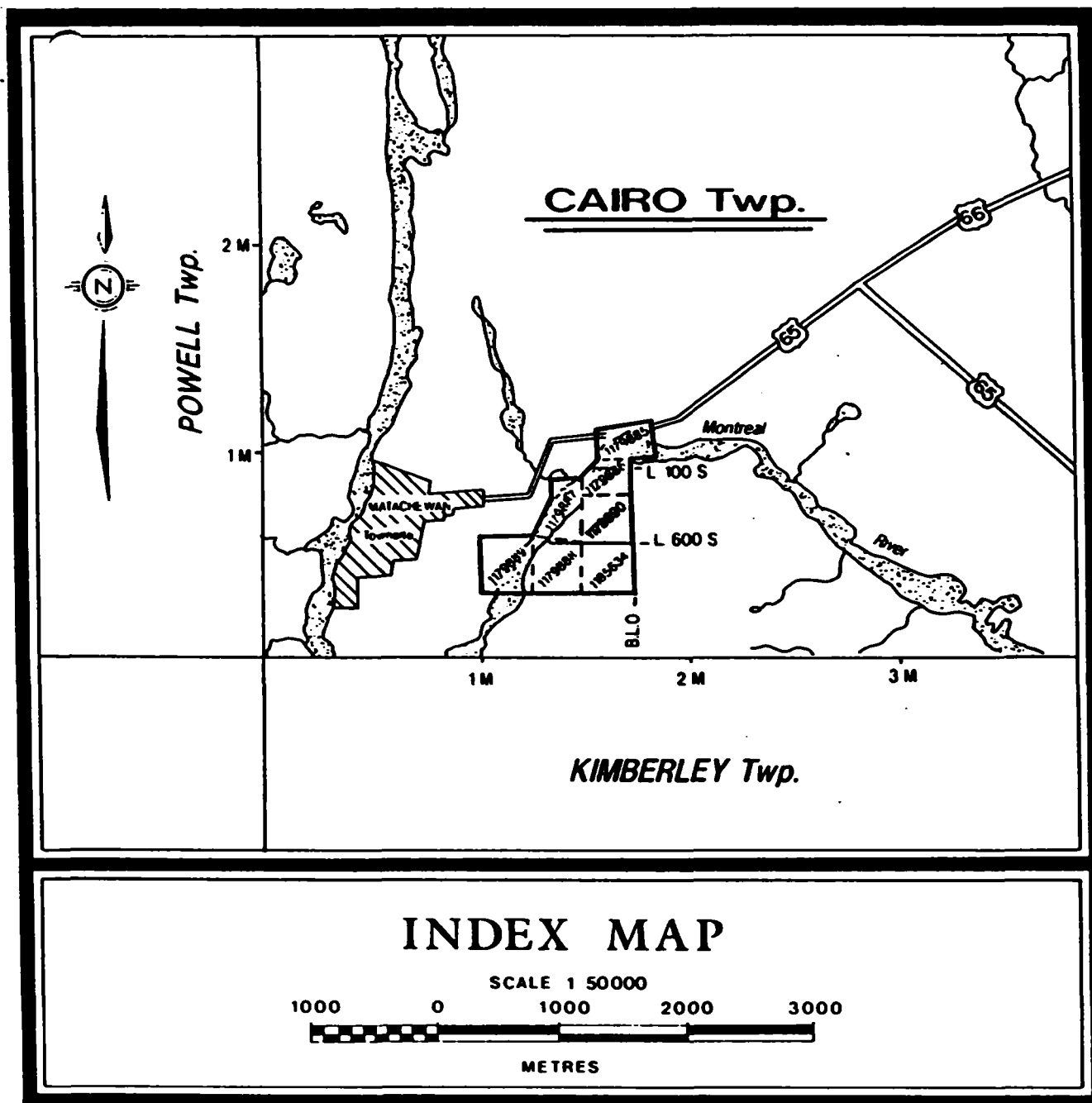
600 W 500 W 400 W 300 W 200 W 100 W 0

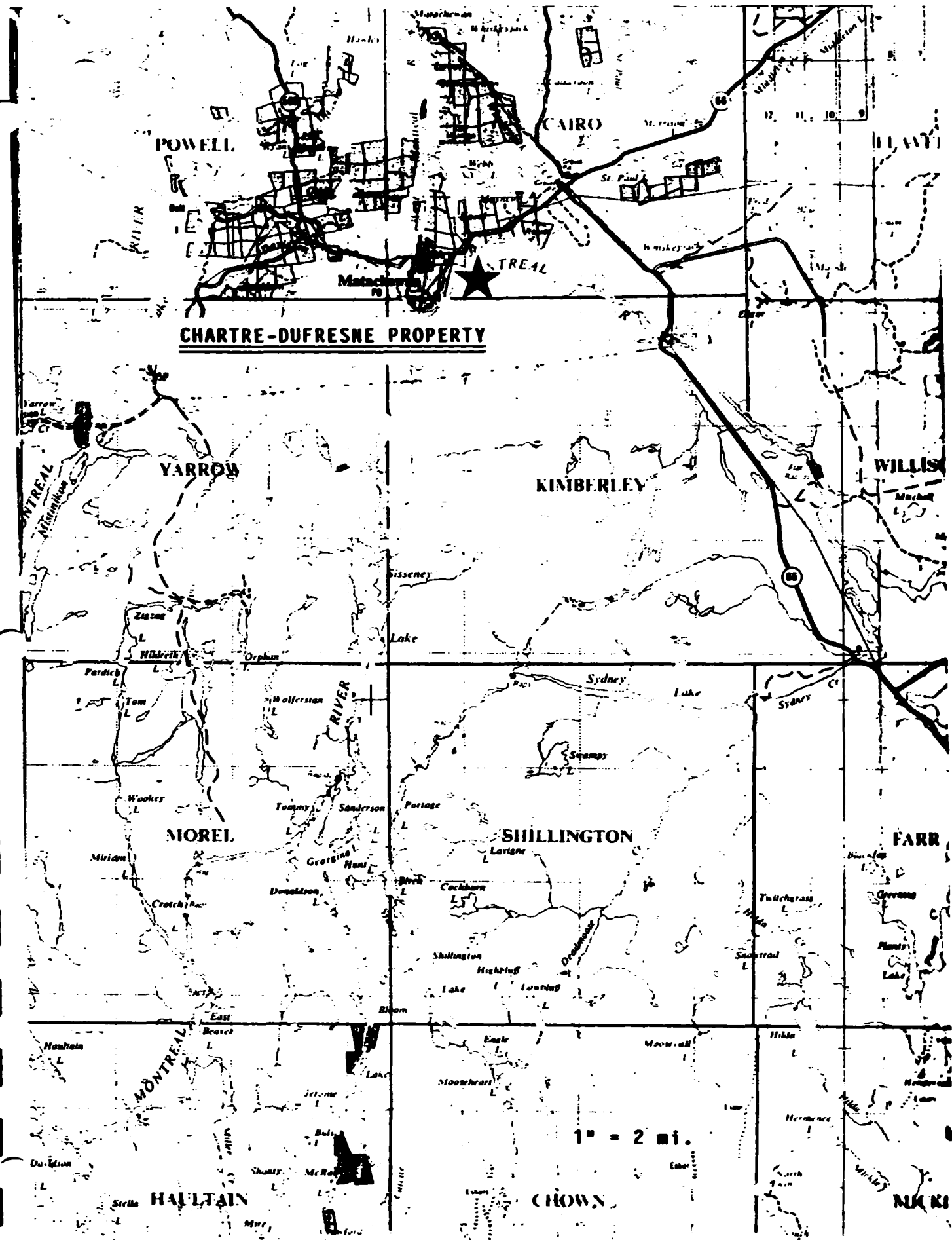
BASELINE

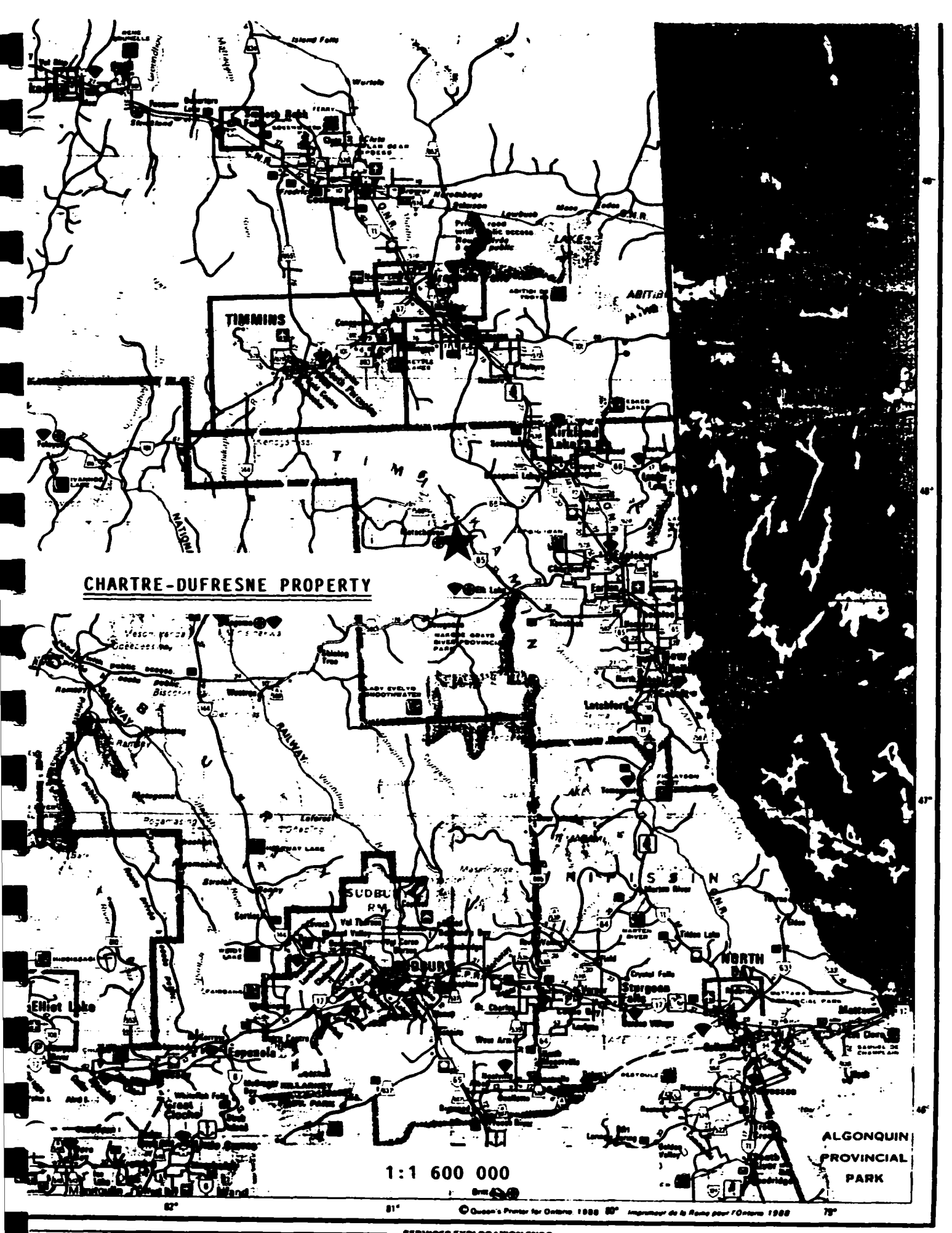
MAGNETOMETER SURVEY
CHARTRE-DUFRESNE PROPERTY
 Cairo Twp. Ont.

1:3 125









CHARTRE-DUFRESNE PROPERTY

1:1 600 000

Queen's Printer for Ontario 1988 80° Imprimeur de la Route pour l'Ontario 1988 75°

SERVICES EXPLORATION ENRG.

SERVICES EXPLORATION ENRG.
765, BOULEVARD QUEBEC
ROUYN-NORANDA C.P. 428
QUEBEC
J9X 5C4 (819) 797-0853

DATE D'ECHEANCE: 92-11-20

CHARTRE DENIS
BOX 53
SWASTIKA ONT.
POK 1TO

CLIENT: 0336

DATE	CODE	REFERENCE	MONTANT	MONT. APPLI.	SOLDE	REFERENCE
92/10/15	1 FACTURE	7137	449.40	.00	449.40	
92/10/23	1 FACTURE	7146	728.00	.00	728.00	

Paid
SERVICES EXPLORATION ENRG.
765, BOUL. QUEBEC
ROUYN-NORANDA, QC
TÉL. (819) 797-0853
J9X 5C4

*Pd
chèque # 061*

0-30	*	31-60	*	61-90	*	91 +	*	SOLDE
1177.40		0.00		0.00		0.00		1177.40

Le compte est sujet a un interet de 2.00% par mois 24.00% par annee

S.V.P. RETOURNER UNE COPIE AVEC PAIEMENT
PLEASE RETURN COPY WITH PAYMENT

SERVICES EXPLORATION SERVICES Enrg. Reg'd

785, BOUL. QUÉBEC
C.P. 428
ROUYN-NORANDA, P.Q.
J8X 5C4

TÉLÉPHONE: (819) 797-0853

FAX: (819) 797-1848

Levés géophysiques	Geophysical Surveys
Levés géologiques	Geological Surveys
Jalonnement de claims	Claim staking
Dessin et reproduction	Drafting and Reproduction
Coupage de lignes	Line Cutting
Programmes d'exploration	Exploration Programmes
Ventes d'articles d'exploration minière	Sales of mining exploration articles

En compte avec:
In account with:

Denis Chartré
Swastika, Ont. Box 53
POK 1T0

FACTURE
INVOICE

7137

Projet:
Project:

CAIRO TWP.

DATE	NUMÉRO DU CLIENT
Oct. 15, 1992	CUSTOMER NO.
N° COMMANDE	
PURCHASE ORDER NO.	

DESCRIPTION	PRIX UNITAIRE UNIT PRICE	TOTAL
<u>MAGNETOMETER SURVEY</u>		
2.8 Km	\$ 150.00	\$ 420.00
G S T		\$ 29.40
T.P.S./G.S.T: R105801906 T.V.P./P.S.T: Q-10-0169-9225 TV 0001		
THANK YOU	TOTAL	\$ 449.40

LF-010

Code: 9-D-92

TERME: NET 30 JOURS
TERMS: NET 30 DAYS

COPIE DU CLIENT

64



Report of Work Conducted After Recording Claim

Mining Act

Trans-DOCUMENT No.
9480-00268

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 150 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2. 154 17

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for required Recorder.
 - A separate copy of this form must be completed for each claim.
 - Technical reports and maps must accompany this form.
 - A sketch, showing the claims the work is assigned to, must be submitted.



41P15NE0004 2.15417 CAIRO

900

Recorded Holder(s) ROGER DUFRESNE 34 Wright-Hargreaves Midland Lake, Ontario P2B 1B2	Client No. 127749
Address	Telephone No. 567-3725
Mining Division LARDER LAKE	Township/Area CAIRO
Date Work Performed From: APRIL 1, 1993 To: DEC 31, 1993	M or G Plan No.

Work Performed (Check One Work Group Only)

Work Group	Type	Amount
<input checked="" type="checkbox"/> Geotechnical Survey	GEOLOGICAL MAPPING.	802.50
<input type="checkbox"/> Physical Work, including Drilling		
<input type="checkbox"/> Rehabilitation		
<input type="checkbox"/> Other Authorized Work		
<input checked="" type="checkbox"/> Assays	P. 37 AND P 38	341.83
<input type="checkbox"/> Assignment from Reserve		

RECEIVED
MAY 10 1994
MINING LANDS BRANCH
1144.83

Total Assessment Work Claimed on the Attached Statement of Costs \$

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
E. A. CHARTRE	SERVICES EXPLORATION SERVICES INC. 705, boul. Québec C.P. 435 Rouyn-Noranda (Québec) J0X 5C4 TEL.: (819) 787-0885 FAX: (819) 787-1948

Attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date 25/04/94	Recorded Holder or Agent (Signature) Roger Dufresne
--	-------------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.	ROGER DUFRESNE 34 Wright-Hargreaves Midland Lake, Ontario P2B 1B2
---	--

Telephone No. 567-3725	Date APRIL 25/94	Certified by (Signature) Roger Dufresne
----------------------------------	----------------------------	---

For Office Use Only

Total Value Cr. Recorded	Date Recorded May 5/94	Mining Reporter [Signature]	Received Stamp RECEIVED SI 6 WH 5 AM 16 NOISIAIG MINING LAND IN LAKE
Reserve 1144.	Deemed Approval Date August 3/94	Date Approved	Date Notice of Amendments Sent

Work Report
Number for
Applying
Reserve

Claim Number
(see Note 2)

Number
of
Claim
Units

L-1179890 ONE

Value of
Assessment
Work Done
on the Claim

Value
Applied
to this
Claim

1144.33

0

Value
Assigned
from
this Claim

Reserve:
Work to be
Claimed at
a Future Date

0

1144.33

Total Number
of Claims

Total Value Work
Done

Total Value
Work Applied

Total Assigned
From

Total Reserve

1144.33

0

0

1144.33

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- ☐ Credits are to be cut back starting with the claim listed last, working backwards.
- ☐ Credits are to be cut back equally over all claims contained in this report of work.
- ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date

Statement of Costs
for Assessment Credit
État des coûts aux fins
du crédit d'évaluation

DOCUMENT NO.
9480-00268

Mining Act/Loi sur les mines

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario PSE 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) PSE 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	1200.00	
		1200.00	
	Field Supervision Supervision sur le terrain	3500.00	
		3700.00	
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type MAG. SURVEY	449.40	
		507.68	
	GEOLOGICAL ASSAYS	802.50	
		341.83	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type POWER STRIPPING	2970.00	
	WATAX PUMP		
Total Direct Costs Total des coûts directs			

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
Sub Total of Indirect Costs Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
x 0.50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as **ROGER DUFRENE** I am authorized
(Recorded Holder, Assessment Claimant)
to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)
à faire cette attestation.

Signature **Roger Dufrene** Date **APRIL 25, 1991**

Report of Work Conducted
After Recording Claim

Mining Act

Document No.
0480-00269

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 150 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

2.15417

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) ROGER DUFRESNE 14 Wight-Hargreaves Midland Lake, Ontario P2H 1S2	Client No. 127749
Address	Telephone No. 567-3725
Mining Division LARDER LAKE	Township/Area CAIRO
Date Work Performed From: APRIL 1, 1993 To: DEC. 31, 1993	M or G Plan No.

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	MAGNETOMETER SURVEY
Physical Work, including Drilling	- 2.8 KM. 447.40
Other Authorized Work	(0.49) MAGNETOMETER S. - 2.7 KM. 750.68
	(2.51) UL F SURVEY S. - 4.6 KM. 507.68
	SURVEY AND LINE CUTTING DENIS CHARTRE 12X100=1200.00
	SURVEY AND LINE CUTTING ROGER DUFRESNE 12X100=1200.00
Total Assessment Work Claimed on the Attached Statement of Costs	\$ 3357.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
ROGER DUFRESNE	14 Wight-Hargreaves Midland Lake, Ontario P2H 1S2
DENIS CHARTRE	BOX 53 SWASTIKA, ONT P0K 1H0
E.A. CHARTRE	SERVICES EXPLORATION SERVICES 708, boul. Gauthier C.P. 428 900-Grand Rochester, Ontario J0K 8C4

attach a schedule if necessary)

Certification of Beneficial Interest See Note

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date 25/04/94	Recorded Holder or Agent (Signature) Rsn Dufresne
--	-------------------------	---

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.	ROGER DUFRESNE 14 Wight-Hargreaves Midland Lake, Ontario P2H 1S2
---	---

Telephone No. 567-3725	Date APRIL 25/94	Certified By (Signature) Rsn Dufresne
----------------------------------	----------------------------	---

or Office Use Only

Total Value Cr. Recorded Reserve \$ 3357.	Date Recorded May 5/94	Mining Recorder [Signature]	Recorded By [Signature]
	Deemed Approval Date August 3/94	Date Approved [Signature]	
	Date Notice for Amendments Sent		

RECEIVED
ST 6 WY 5 AUG 96
MINING DIVISION
LARDER LAKE

[illegible]

Value of Assessment Work Done on the Claim	Value Applied to the Claim
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
\$73.00	\$
Total Value Work Done	Total Value Work Applied
\$357.00	\$

Value Assigned from the Claim	Reason: Work to be Claimed at a Future Date
\$	373.06
\$	373.06
\$	373.06
\$	373.06
\$	373.06
\$	373.06
\$	373.06
\$	373.06
Total Assigned From	Total Reserve
\$	3357.06

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

DOCUMENT No.
Transaction No./N° de transaction
W 9480-00269

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7284.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7284.

1. Direct Costs/Côûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	1200.00	
		1200.00	
	Field Supervision Supervision sur le terrain	3800.00 3700.00	9900.00
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type	449.40	
	MAG. SURVEY	507.68	
	GEOLOGICAL SURVEY	802.50	
	ASSAYS	341.83	2101.41
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type POWER STRIPPING	2970.00	
	WAX PUMP.		
			2970.00

Total Direct Costs
Total des coûts directs

2970.00



大野

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Filing Discounts

1. **Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.**
2. **Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:**

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Certification Verifying Statement of Costs

I hereby certify:

that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as ROGER DUFFIN I am authorized
(Recorded Holder, Agent for the Company)
14 Wright Hall
Kirkland Lake, Ontario P2N 1G2

2. Indirect Costs/Costs Indirects

**** Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.**

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			

Sub Total of Indirect Costs
Total partiel des coûts indirects

Amount Allowable (not greater than 20% of Direct Costs)
Montant admissible (n'excédant pas 20 % des coûts directs)

Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)	Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

<p> Valeur totale du crédit d'évaluation x 0,50 = </p>	<p> Évaluation totale demandée </p>
---	--

Attestation de l'état des coûts

J'atteste par la présente :

que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature

ID

Signature Rashid Ruffner

APRIL 25/94



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Section
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

August 4, 1994

Our File: 2.15417
Transaction #: W9480.00268
W9480.00269

Mining Recorder
Ministry of Northern Development & Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Sir/Madam:

**Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS
L.1179890 ET AL IN CAIRO TOWNSHIP**

W9480.00268

Assessment work credits have been approved as outlined on the original work report form for the submission. The credits have been approved under Section 17, Assays, of the Mining Act Regulations.

The approval date is August 3, 1994.

W9480.00269

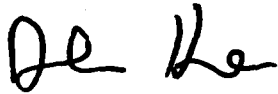
Assessment work credits have been approved as outlined on the attached Assessment Work Credit Form for the submission. Note that work was not performed on a number of claims that were mentioned on the report of work form.

The credits have been approved under Section 14, Geophysics (Magnetic and VLF), of the Mining Act Regulations.

The approval date is August 3, 1994.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5855.

Yours sincerely,



for Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

LJ/lj

cc: Resident Geologist
Kirkland Lake, Ontario

Assessment Files Library ✓
Sudbury, Ontario

ASSESSMENT WORK CREDIT FORM

FILE NUMBER: 2.15417

TRANSACTION NUMBER: W9480.00269

DATE: August 3, 1994

RECORDED HOLDER: Roger Dufresne

CLIENT NUMBER: 127749

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON THIS CLAIM	VALUE APPLIED TO THIS CLAIM	VALUE ASSIGNED FROM THIS CLAIM	RESERVE
1179885	0			
1179886	560			560
1179887	560			560
1179888	560			560
1179889	0			
1179890	559			559
1185634	559			559
1185635	0			
1185636	<u>559</u>			<u>559</u>
	3357			3357

AREAS WITHDRAWN FROM DISPOSITION

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

Order No. Date Disposition File

(R) MINING AND SURFACE RIGHTS NOT OPEN TO STAKING, APPLICATION UNDER SECTION 3(b) JUNE 12/1987

(P) W.L.-42/93 WITHDRAWS MINING AND SURFACE RIGHTS ON MAY 28/93.
O.L.-36/93 OPENS W.L.-42/93

OL 4908 - PENDING APPLICATION UNDER PUBLIC LANDS ACT

UP - LAND USE PERMIT

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

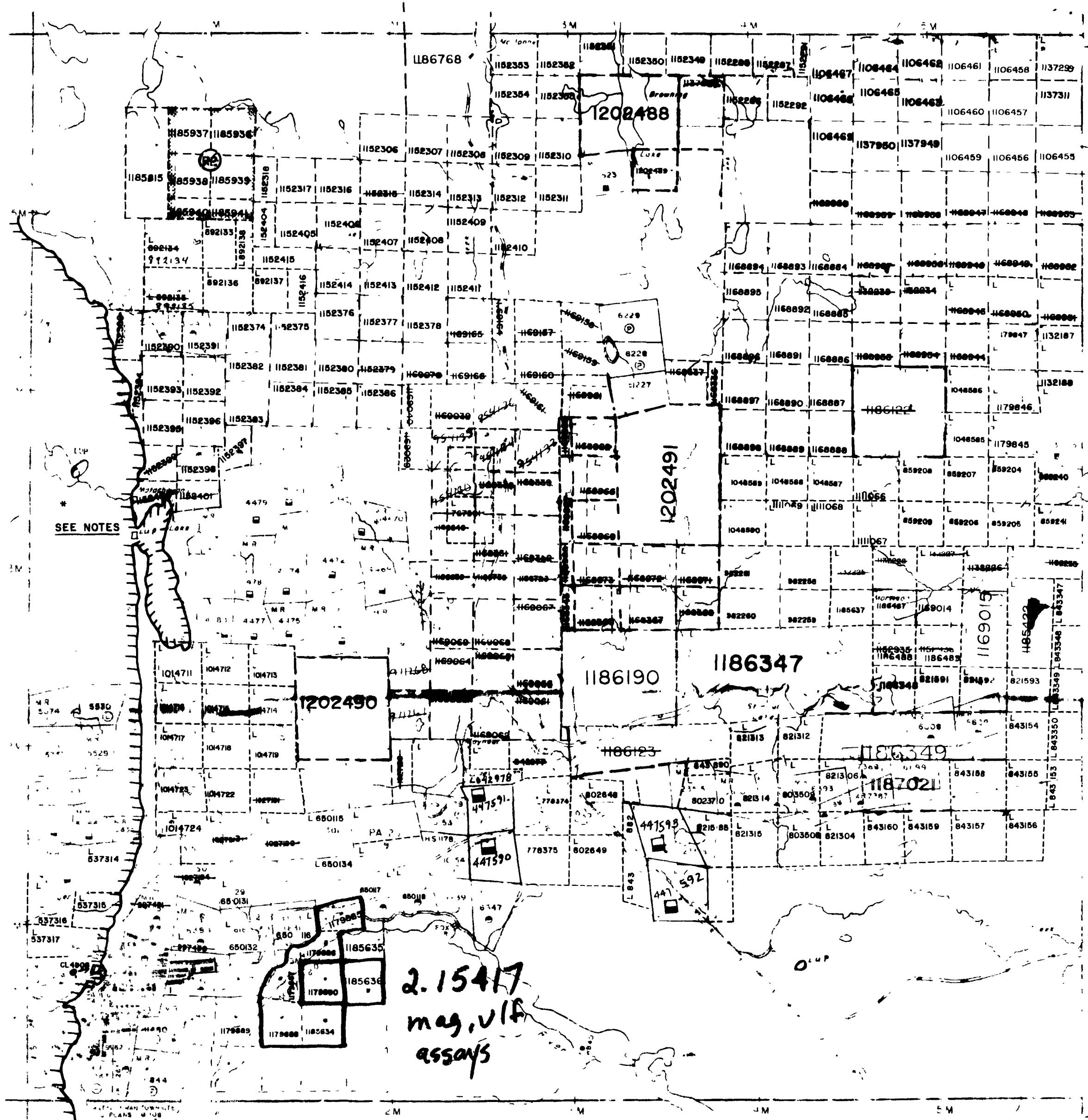
NOTES

AREA WEST OF WEST MONTREAL RIVER CLOSED TO STAKING SUBJECT TO SEC. 38(1) OF THE MINING ACT, 20 SEPT. 1978 W 65/83

"THIS MAP SHOWS THE APPROXIMATE LOCATION OF THE BOUNDARIES OF THE AREA WHICH IS THE SUBJECT OF CURRENT LITIGATION. THE EXACT LOCATION WILL BE SHOWN FOLLOWING CONFIRMATION BY THE PARTIES TO THE ACTION."

NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE PLANNING FOREST MANAGEMENT UNIT AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE MNR UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT: P.O. BOX 129 SWASTKA, ONT. POK 170 705-648-3222



CAIRO TWP

INDEX MAP

N

2. 154 17

MAGNETOMETER SURVEY

CHARTRE DURE SNE
PROPERTY

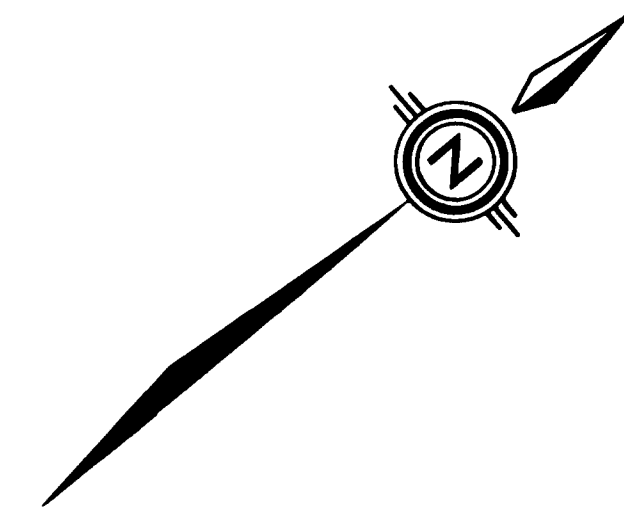
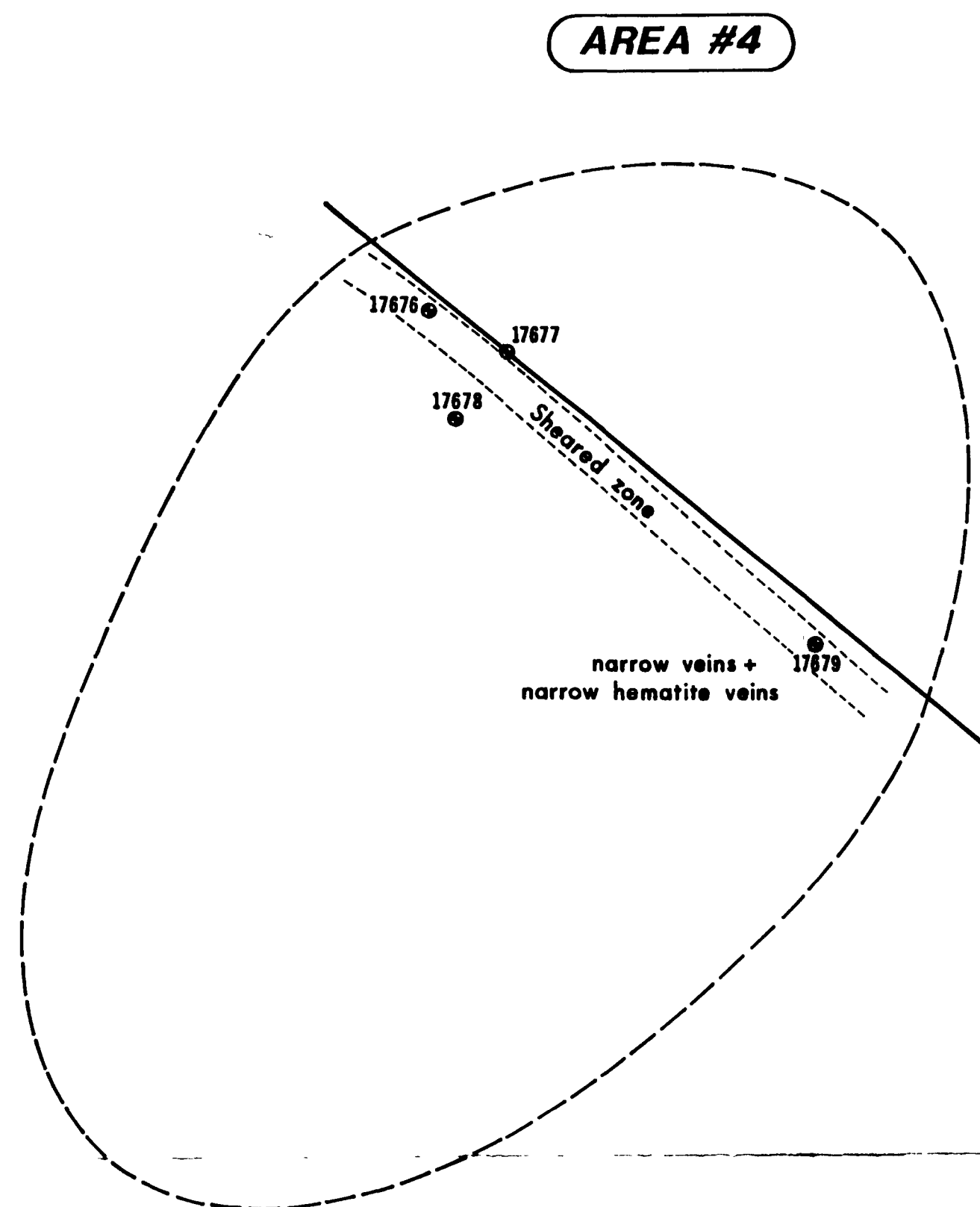
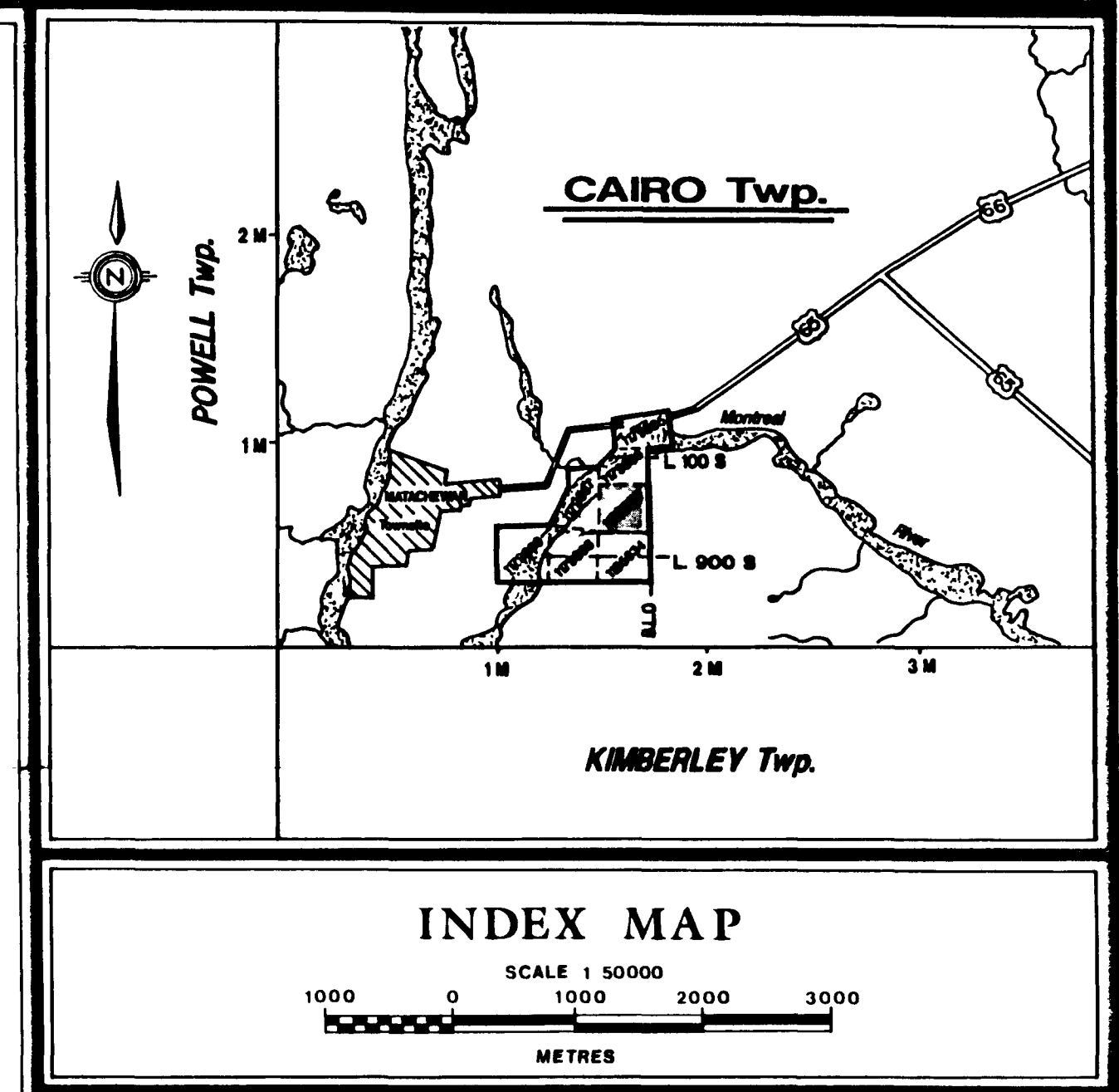
PROJECT CAIRO TWP

SURVEYED BY DATE
DRAWN BY SCALE

SERVICES EXPLORATION SERVICES



41P16NE0004 2 15417



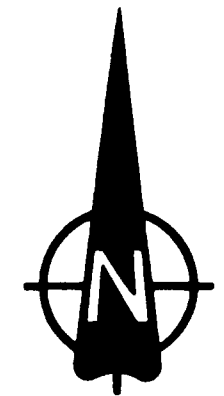
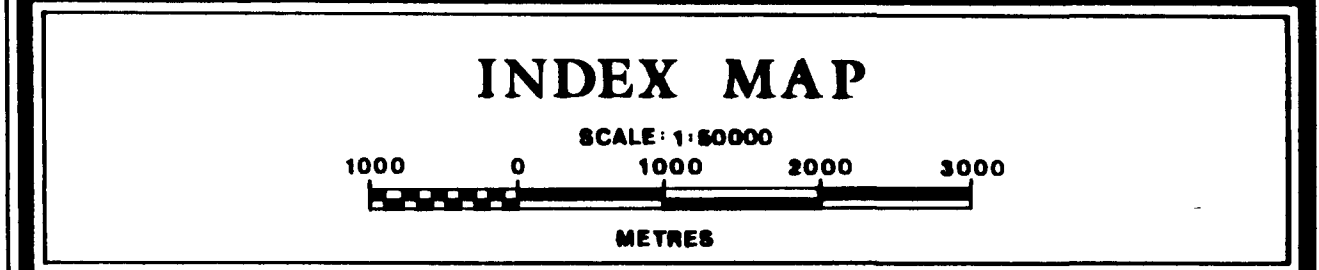
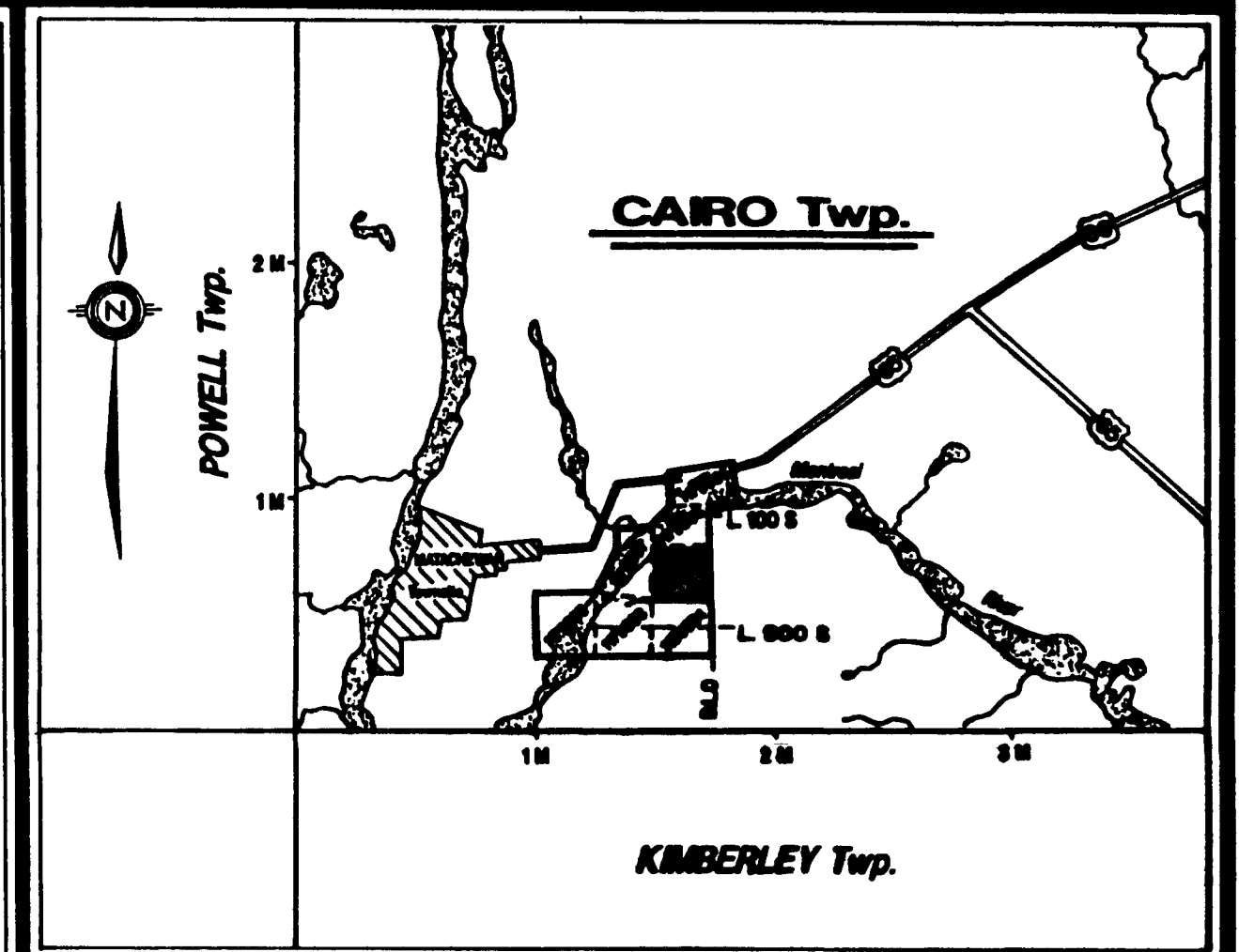
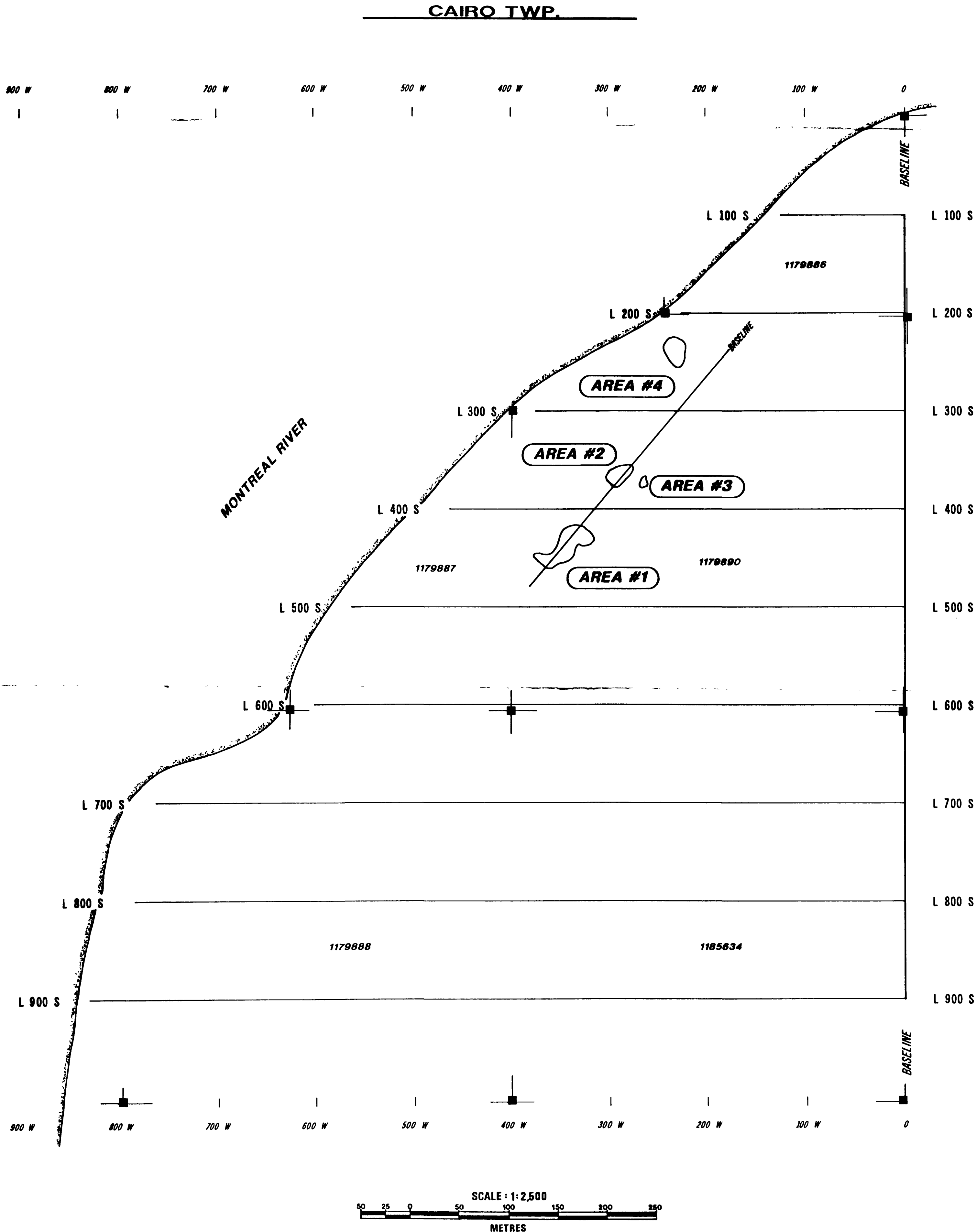
	Au g / tonne	Cu %
• 17676	NIL	NIL
• 17677	0.02	NIL
• 17678	NIL	NIL
• 17679	0.02	NIL

2. 154 17

	AREAS OF TRENCHING & STRIPPING	
	FOR	
	CHARTRE-DUFRESNE	
	PROPERTY	
PROJECT:		CAIRO TWP.
INSTRUMENT:		SURVEYED BY <u>EXPLORATION SERVICES</u> DATE <u>OCTOBER / 1993</u>
TWR CAIRO		DRAWN BY <u>S. Sigman</u> SCALE <u>1:100</u>
		SERVICES EXPLORATION SERVICES ENRG REG D



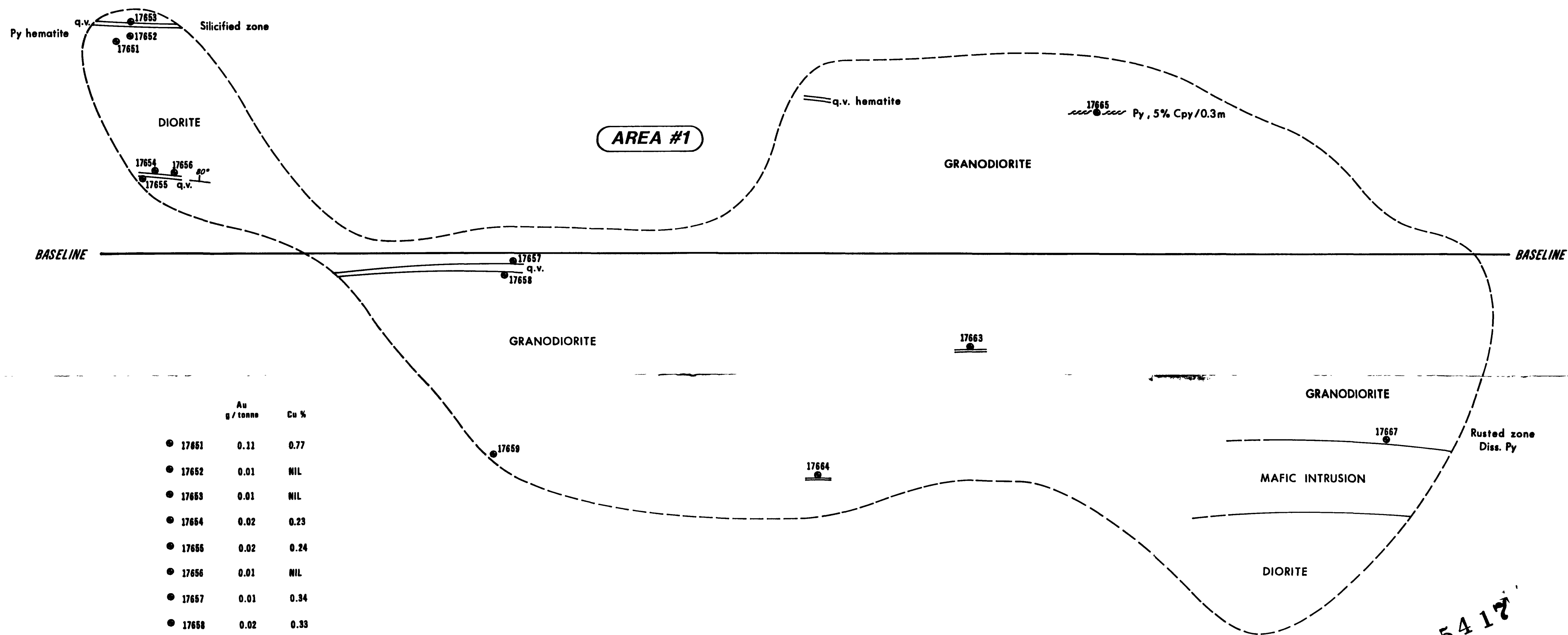
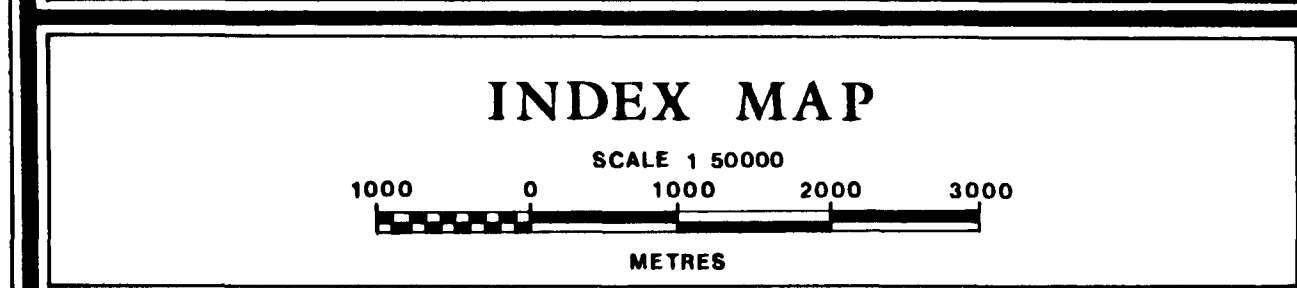
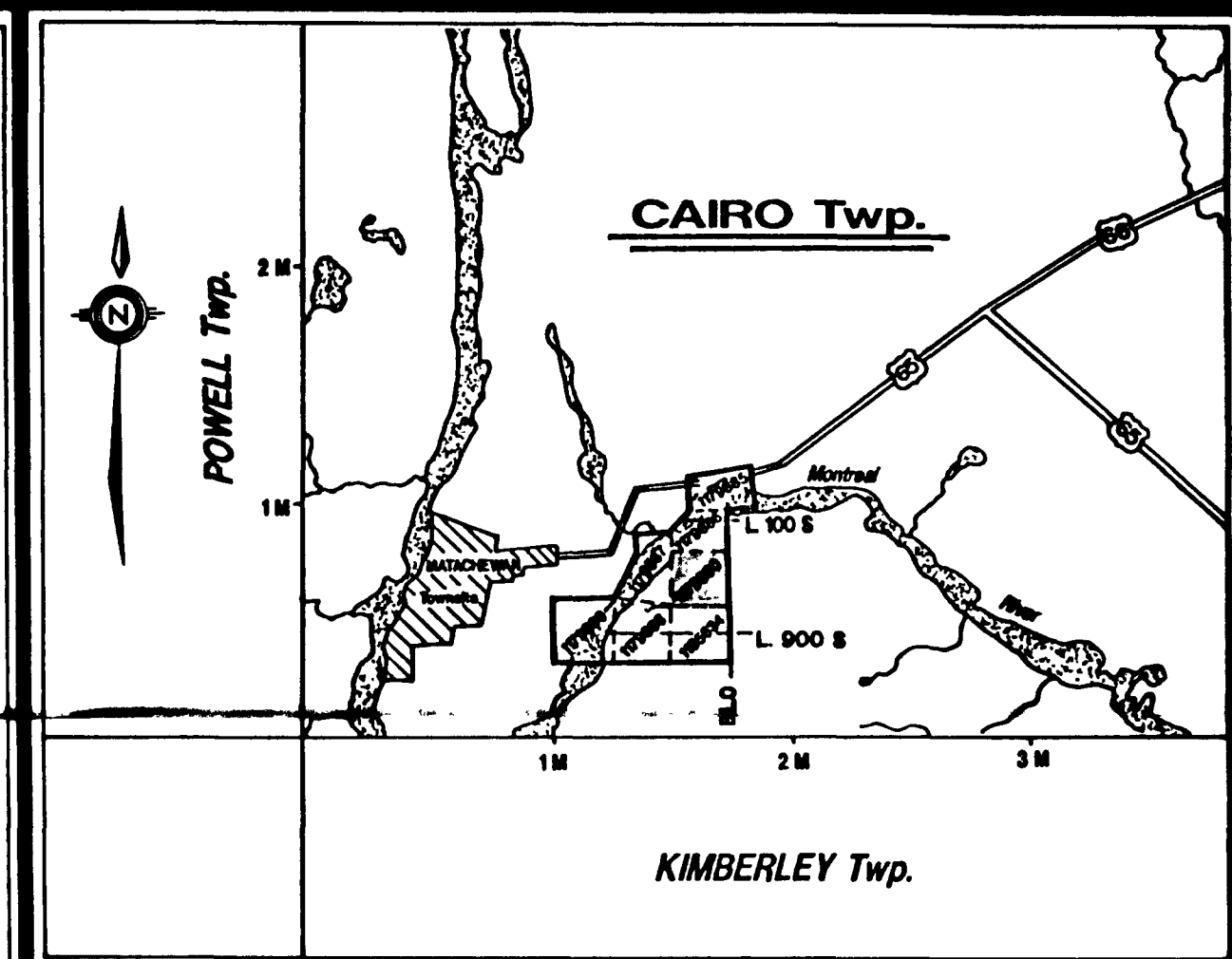
41P16NE0004 2 15417 CAIRO



2. 154 17

AREAS OF TRENCHING & STRIPPING	
FOR	
CHARTRE-DUFRESNE	
PROPERTY	
PROJECT: CAIRO TWP.	
Instrument:	SURVEYED BY EXPLORATION SERVICES DATE OCTOBER / 1993
TWP: CAIRO	DRAWN BY S. P. Smith SCALE 1:2,500
SERVICES EXPLORATION SERVICES ENRG REG D	

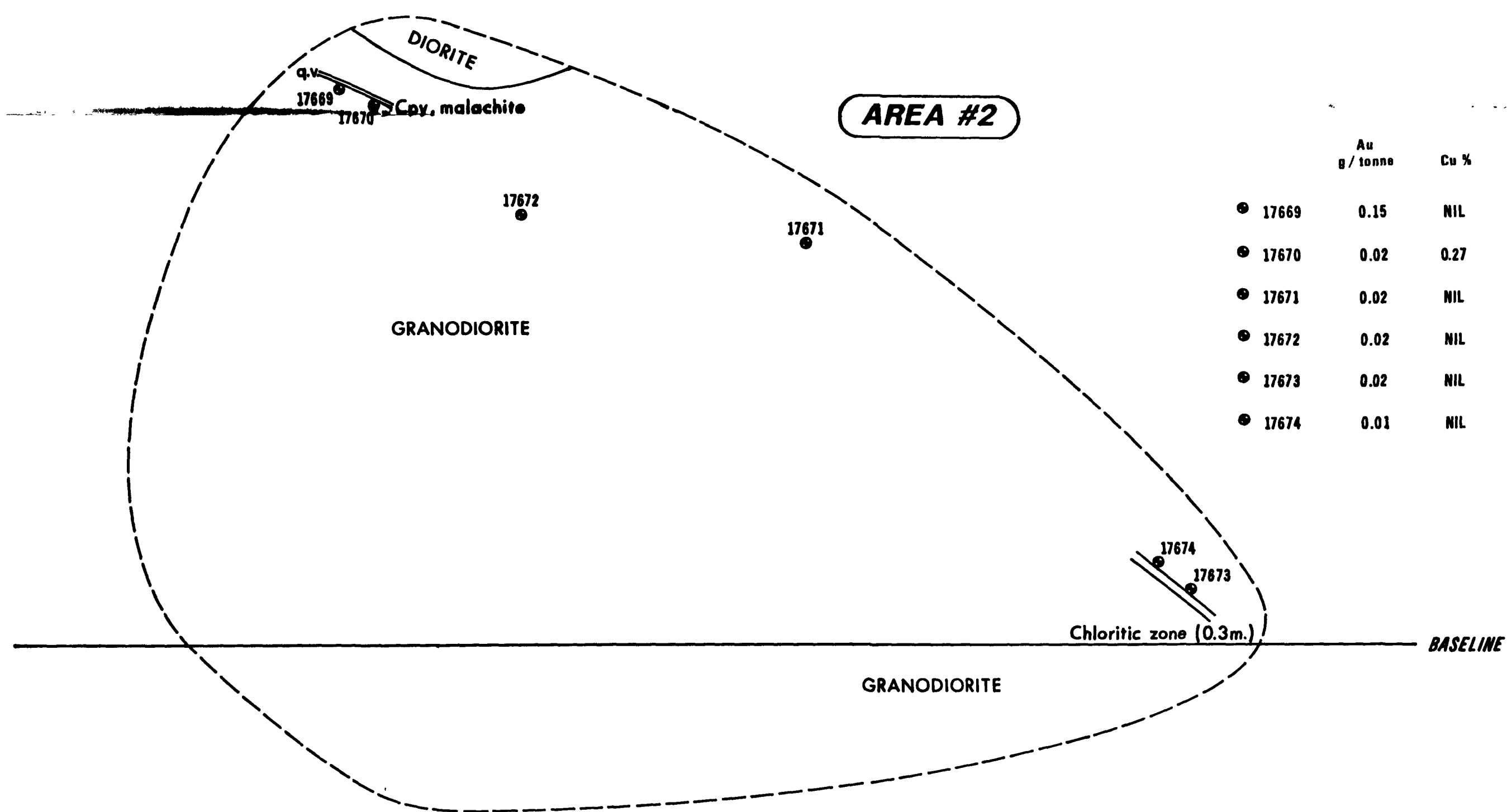




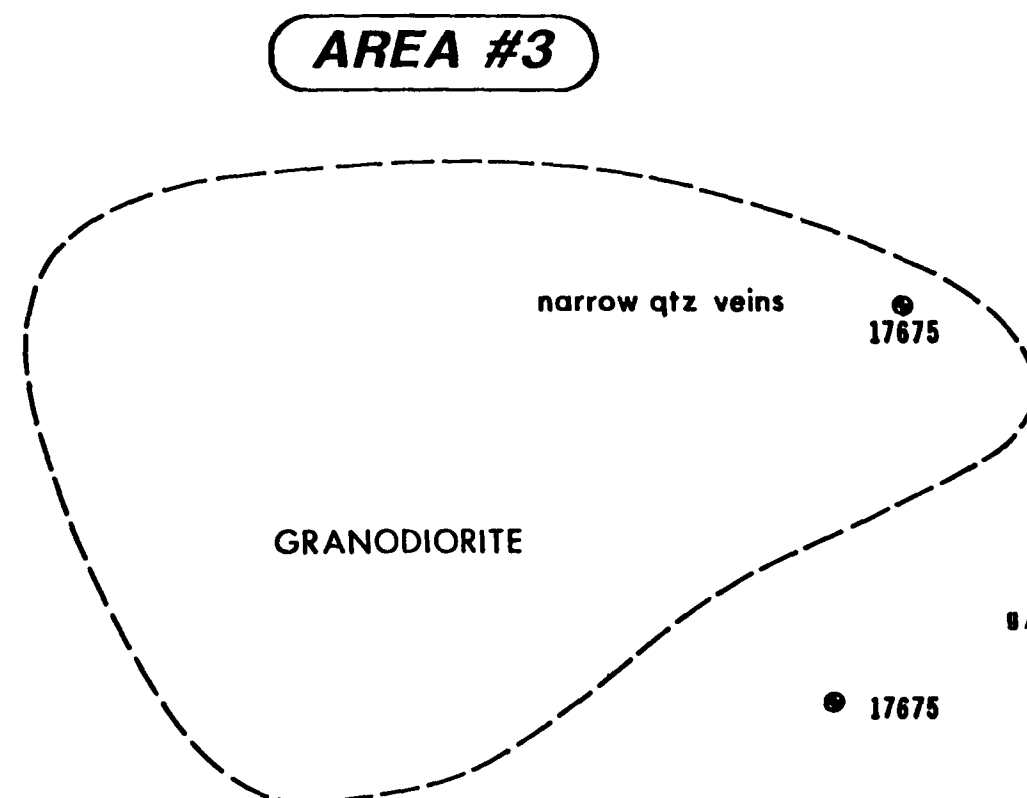
	Au g / tonne	Cu %
● 17651	0.11	0.77
● 17652	0.01	NIL
● 17653	0.01	NIL
● 17654	0.02	0.23
● 17655	0.02	0.24
● 17656	0.01	NIL
● 17657	0.01	0.34
● 17658	0.02	0.33
● 17659	0.04	NIL
● 17663	0.02	0.12
● 17664	0.02	NIL
● 17665	0.03	0.91
● 17667	0.01	0.38

AREAS OF TRENCHING & STRIPPING FOR CHARTRE-DUFRESNE PROPERTY	
PROJECT: CAIRO TWP.	
Instrument:	SURVEYED BY EXPLORATION SERVICES DATE OCTOBER / 1993
TWP CAIRO	DRAWN BY S. Bouchard SCALE 1:100
SERVICES EXPLORATION SERVICES ENRG REG D	

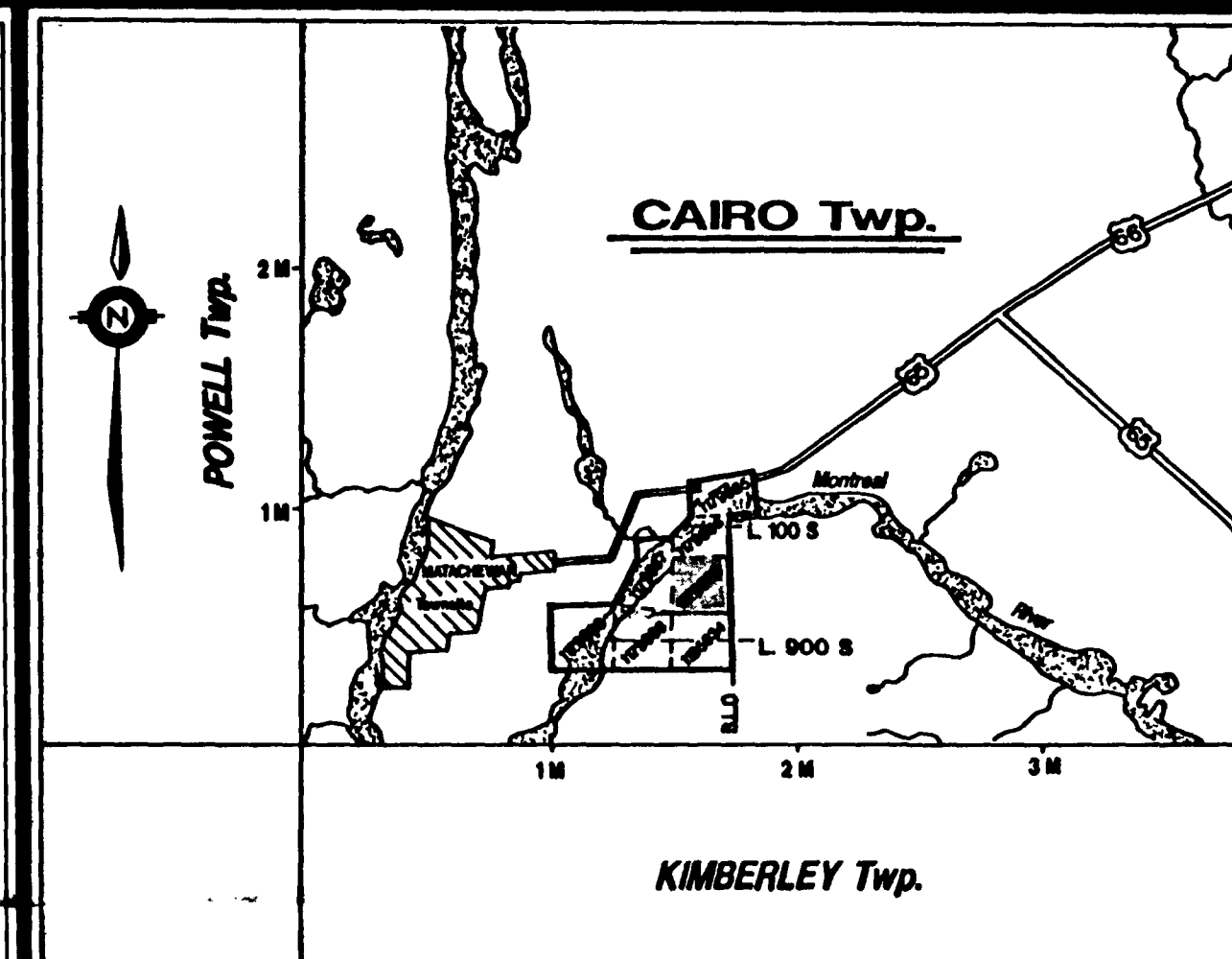




	Au g / tonne	Cu %
• 17669	0.15	NIL
• 17670	0.02	0.27
• 17671	0.02	NIL
• 17672	0.02	NIL
• 17673	0.02	NIL
• 17674	0.01	NIL

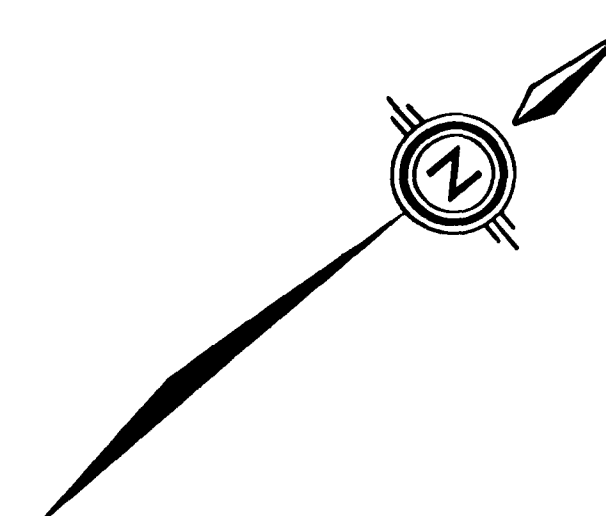


	Au g / tonne	Cu %
• 17675	NIL	NIL



INDEX MAP

SCALE 1:50000
1000 0 1000 2000 3000
METRES



2.15417

AREAS OF TRENCHING & STRIPPING. FOR CHARTRE-DUFRESNE PROPERTY

PROJECT: CAIRO TWP.

Instrument:

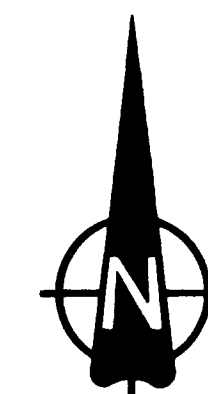
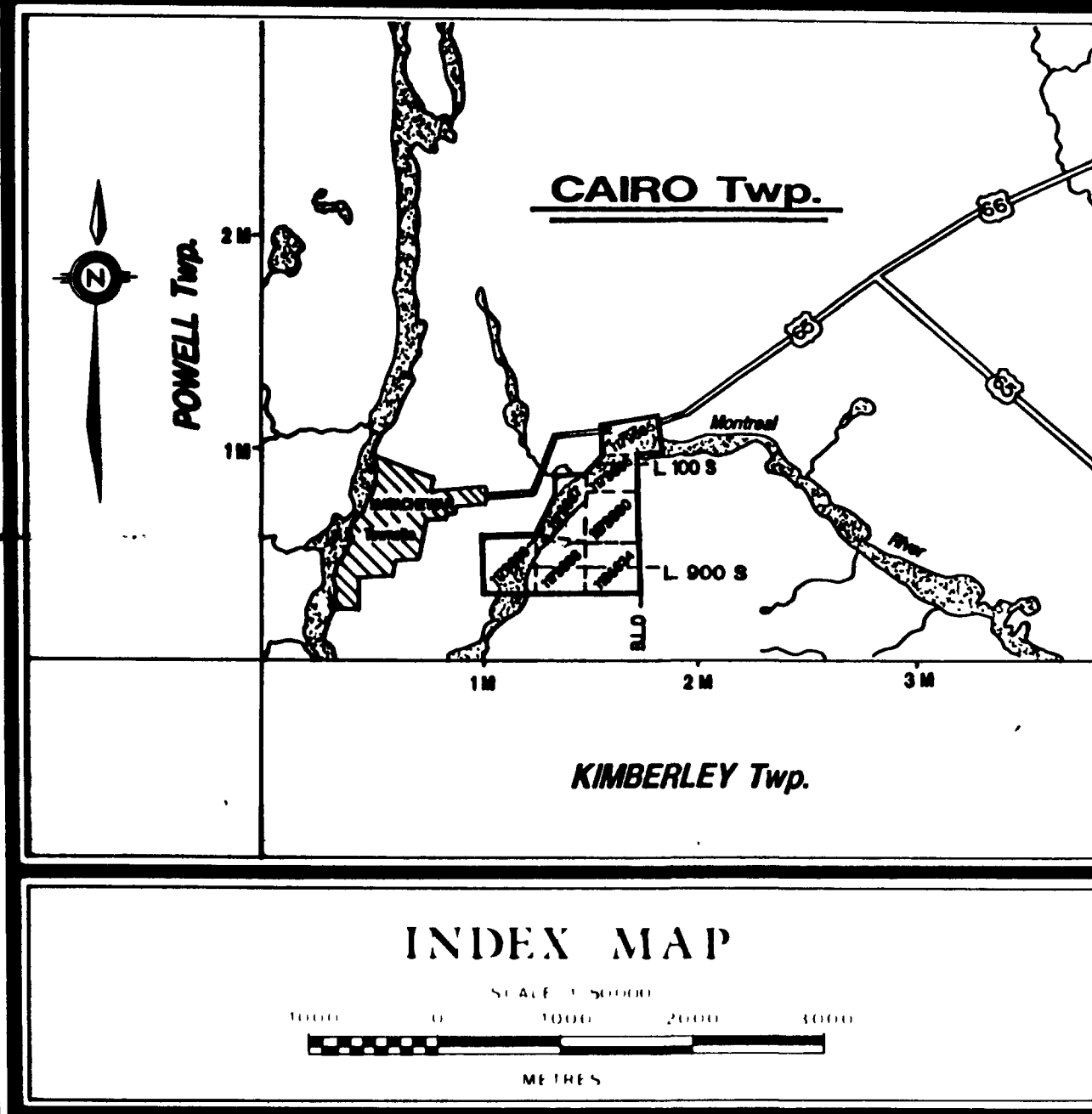
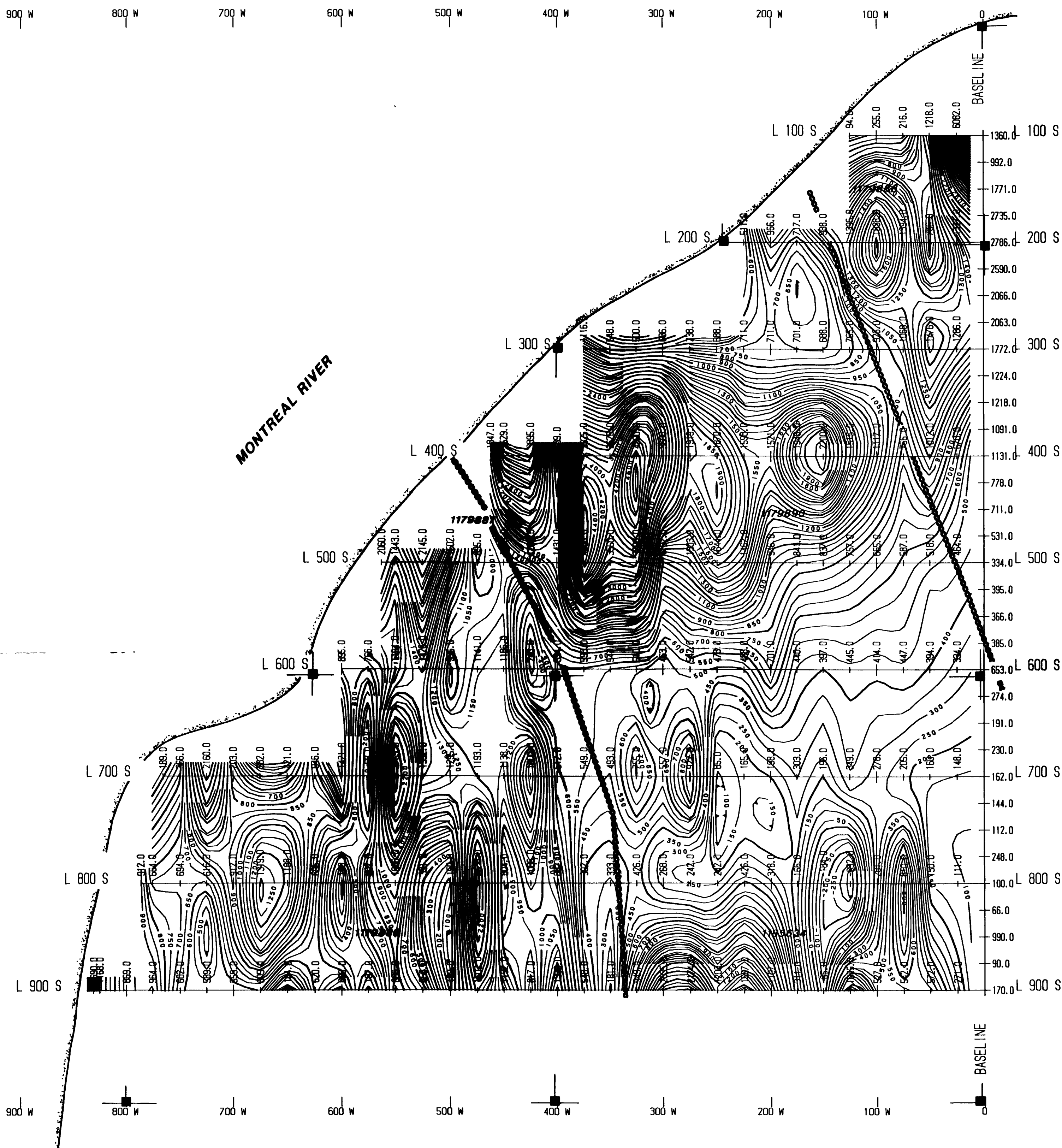
SURVEYED BY EXPLORATION SERVICES DATE OCTOBER / 1993

DRAWN BY S. Sigurdson SCALE 1:100

TWR CAIRO

SERVICES EXPLORATION SERVICES ENRG REG D

CAIRO TWP.



2. 154 17

ALL READINGS IN RANGE OF 58,000 GAMMAS

MAGNETOMETER SURVEY
FOR
CHARTRE-DUFRESNE
PROPERTY

PROJECT **CAIRO TWP.**

Instrument

PROTON 6-818

TWP CAIRO

SURVEYED BY EXPLORATION SERVICES DATE DEC/93

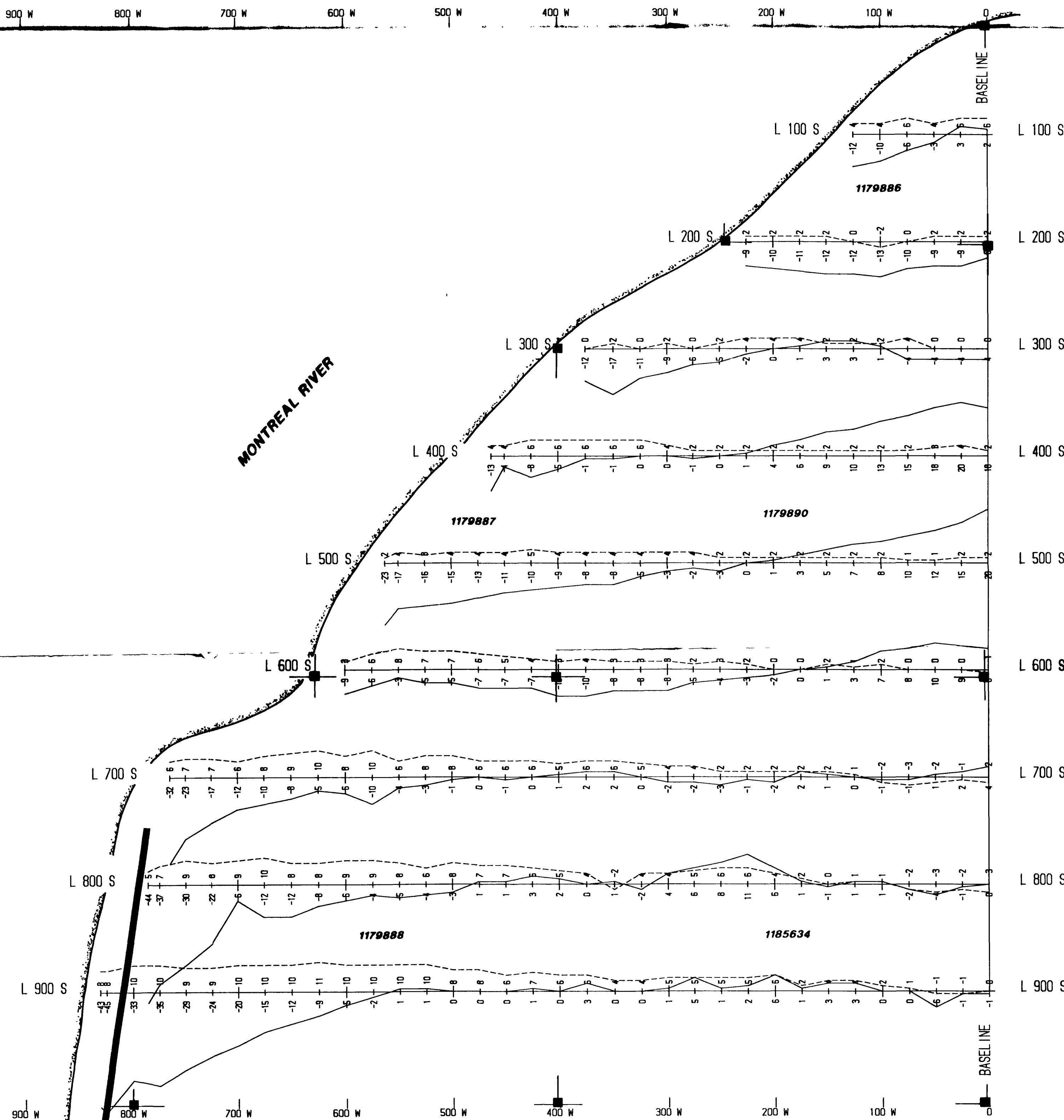
DRAWN BY S. Sigouin SCALE 1:2,500

SERVICES EXPLORATION SERVICES ENRG REG D

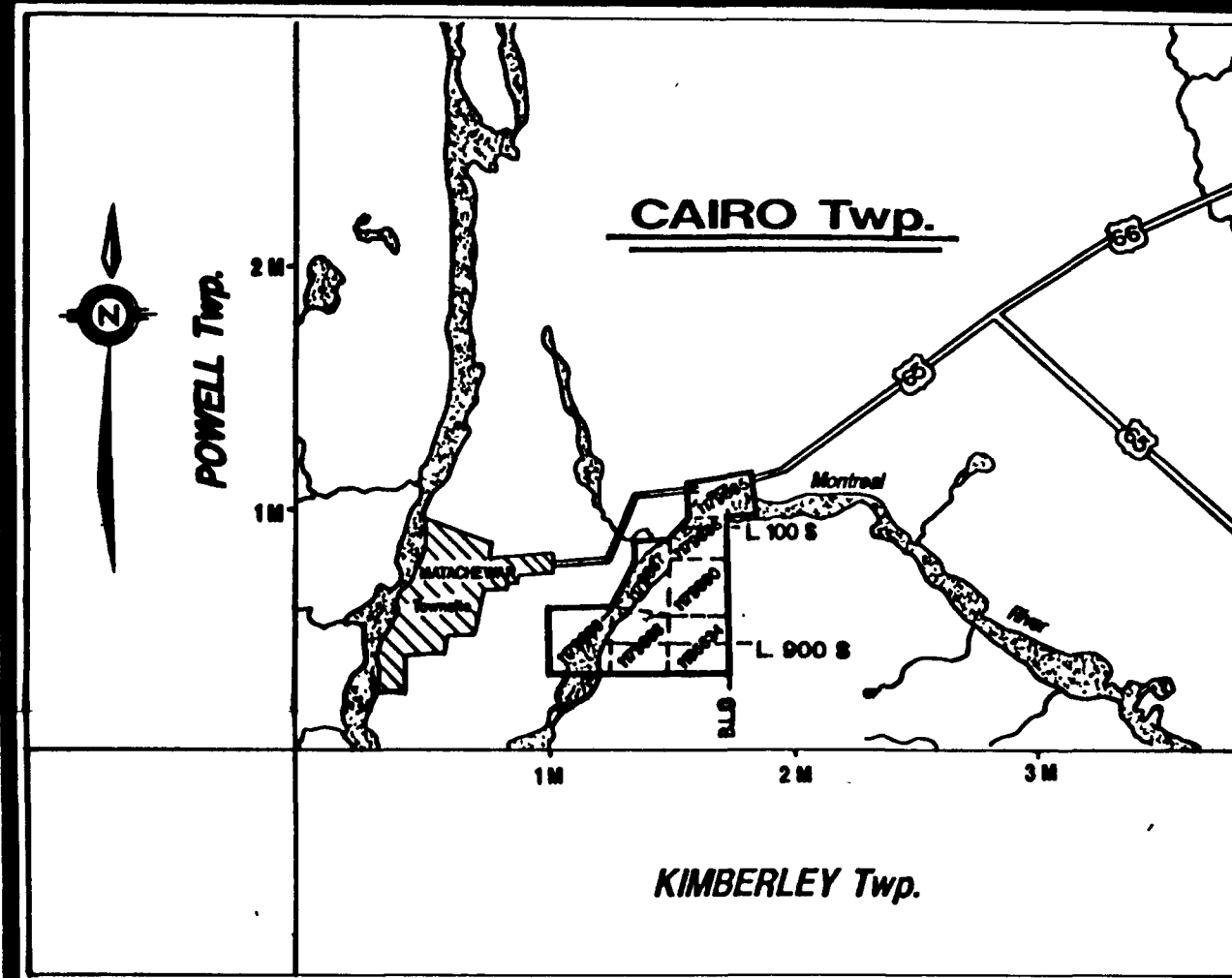


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CAIRO TWP.

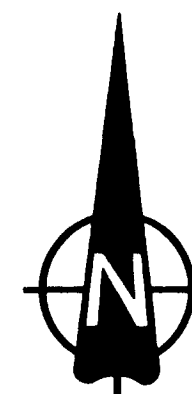


SCALE: 1:2,500
METRES



INDEX MAP

SCALE: 1:50,000
METRES



2.15417

STATION NSS
FREQUENCY 21.4 KHZ
I.P. ---
O.P. ---
1cm = 10 %
I.P. O.P.
+ -

ELECTROMAGNETIC SURVEY
FOR
CHARTRE-DUFRESNE
PROPERTY

PROJECT CAIRO TWP.

Instrument
GEONICS EM-16

SURVEYED BY EXPLORATION SERVICES DATE DEC/93
DRAWN BY S. Sigouin SCALE 1:2,500

TWP CAIRO

SERVICES EXPLORATION SERVICES ENRG
REQ D

