42A01SE0196 20 EBY

TOWNSHIP: Eby

REPORT NO.: 20

WORK PERFORMED BY: James D. Reed

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 532865	84-1	114	July/84	(1)
	84-2	117	July/84	(1)
	84-5	116	July/84	(1)
	84-6A	22	Aug/84	(1)
	84-6B	25	Aug/84	(1)
	84-6C	116	Aug/84	(1)

NOTES: (1) #531-84

Reed Enterprises,
R. R. 2, Site 3,
Swastika, Ont. P0K 1T0.

DRILLING REPORT

Group B

Reed Claims

Eby - Otto Township

Ontario

Field Work - June 1 to Oct. 1, 1984.

Report by:

James D. Reed, B.A., B. Ed.

Reed Enterprises, Group B.

Introduction

The property was staked together with Group "A" in 1979 at the time of the release of the Ontario Geophysical Survey EM maps which listed 13 anomalies on the group.

Location and Access

The property is located one mile east of the junction of Highway #11 and #66 at Kenogami and ½ mile south of Highway #66. The H.E.P.C. high tension line crosses the property and the trans-Canada Pipeline touches it at the west end. There is easy access, on foot, via the H.E.P.C. line, the pipe line or the Otto-Eby Township line. The claims are registered on the author's licence with the MNR under the following numbers: Eby Twp - L532930, 532929, 532928, 532927 , 532926, 532866, L532923, 532925, 532924, 532922, 532865; Otto Twp - 475258, 475259, 475260, 475261.

Previous Work

There was little evidence of any observable work having been done on the four Otto claims. Noranda Explorations had at one time held part of the Eby claims but apparently did not follow up thier instrumental work with anything more definite. We observed a number of trenches mostly in the north part of the Eby claims and

opened up some of these by bulldozer in 1982-83.

In 1980 we drilled one 307 ft hole on claim 475260. During 1981-82 a grid was cut on 400 ft intervals and Mag. EM, and Radiometric surveys were run, and bulldozing was done, and a geological survey was run. Reports are on file at the Resident Geologist's office in Kirkland Lake.

Exploration 1984.

In the report titled; "Assessment Report Geological Survey, Group B, Reed Claims", Oct., 1984, the following recommendations were made:

1. Washing the bulldozed areas down for detailed examination.

2. Sampling these areas.

3. Trenching down into the bog.

4. or diamond drilling to evaluate the carbonatized zone and area under the bog to the south.

The following report will cover the work done on claims L532865 and L475258 in Eby and Otto Twps respectively. This is a part of a continuing programme which is intended to locate any gold-bearing zones of commercial value. This work followed the recommendations mentioned above from our report of 1983.

In June, surface samples were taken from the bulldozed areas. These were assayed for gold. Low, but encouraging values were found (i.e. .001 to .01 oz./ton). The better values were found in the fine sulphides in the carbonatized material just south of where hole #1 was drilled.

Using a rented pressure pump, part of the bulldozed areas were washed down revealing tholeutic basalt with quartz carbonate stringers. Most areas were carbonatized and sulphides were evident in places. This was enough to encourage us to drill seven short holes north and south in pairs, to span the carbonatized zone.

The contractor had difficulty with hole #6 at about 25 ft, as he encountered what appeared to be glacial rubble similar to that on the surface. Without the expense of putting down casing he could go no further and had to abandon #6a and #6b at this depth, and then move to better ground for #6c.

Holes #1-2, 3-4, and 5-6 were intended to scissor out in pairs, from a position as near the bog to the south as practicable, to spand and sample the width of the carbonatized zone. The first two pairs were successful but hole # 6, as mentioned above, had to be moved to solid ground. Hole #7 was placed on an outcrop to the south

and east, and drilled back under low ground hoping to intersect interflow sedaments. Graphitic zones were intersected but they were barren.

Assay values and a detailed log of core accompany this report. The assay values proved very disappointing as they did not support the finding from a grab sample on the surface, much less give the increased values we had hoped for.

Cost being an important factor, we did not have a drill which would reach out under the low ground south of the carbonate.

Conclusion

It would appear that the exposed area, at least near the surface, does not contain commercial gold values. Since there is fair exposure to the north, it seems evident that the interflow sediments do not lie on this side.

The graphitic material in hole #7 did not contain gold values and was very narrow at the point intersected but we feel the structure is interesting. This was the only hole which got under the bog.

Recommendations

1. Attempt by surface sampling to follow the structure to the east and west.

2. Attempt to co-relate the various information from former surveys to see if the graphitic zone is the same zone as that intersected in hole #1 in 1980.

3. use a longer drill to explore south under the bog.

Certificate

I, James David Reed, residing in the township of Grenfell, Ontario, and having a mailing address of R.R. 2, Swastika, Ontario, P0K 1T0, do hereby certify that I have personally accumulated and set forth the facts in the accompanying report and map, and that the information is true.

My background profile is on record at the ministry office in Toronto as I filed two reports titled "Spectrometer Radiometric Survey, Reed Claims Group A, Eby Twp, Aug. 31, 1982" and Group B, the same date.

Date: Feb 11 1985

James D Reed

James David Reed, B.A., B.Ed.

Ontario

Ministry of
Northern Development
and Mines

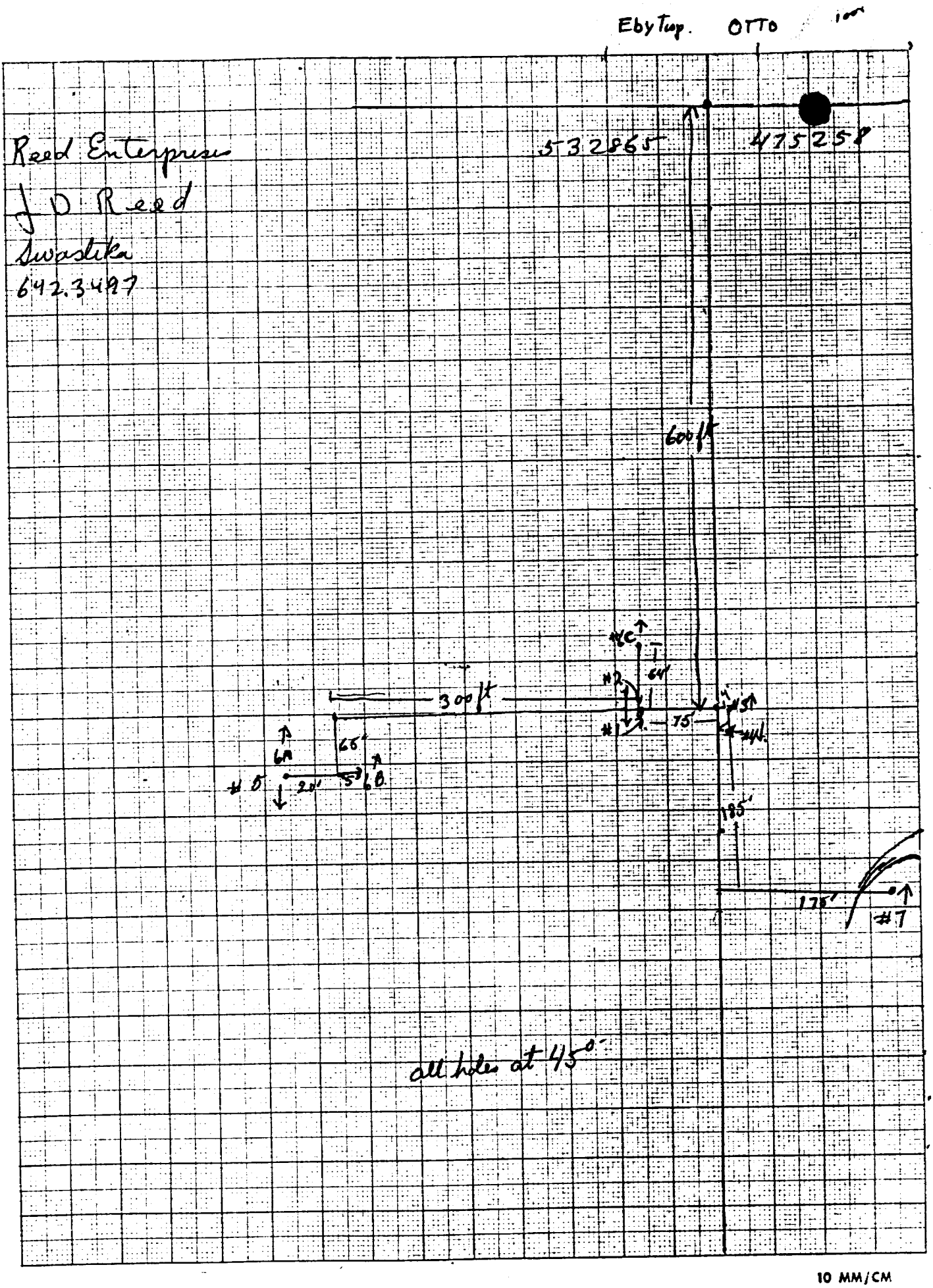
The following material (D.D. report) has been placed on file from OMEP submittal OM84-6-P-107 . The following material was not included in the assessment submittal but has been placed on file due to its significance to this report.

Reed Enterprises

J D Reed

Swastika

642.3497



THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-1 | PAGE NO 1 of 1

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 180°	TOTAL FOOTAGE: 114	DIP OF HOLE AT: collar | 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM:
DATE HOLE STARTED: 84 07 03	DATE COMPLETED: 84 07 09	DATE LOGGED: 84.10.09	LOGGED BY: Gary Grabowski	ft | °	MAP REFERENCE NO.: CLAIM NO.: 532865
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises		DATE SUBMITTED:	SUBMITTED BY (Signature):	ft | °	LOCATION (Tp., Lot, Con. OR Lat. and Long.): EBY
				ft | °	PROPERTY NAME:
				ft | °	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + Au Oz/T
0	1	Casing	Overburden							
1	47	Mg Tholeiitic Basalt	Fine grained, grey-green with well defined pillow selvages at 10', 12.5', 16.5', 19.5'. 23.5', 28', 33', 36', 39', 42.5', selvages carry some pyrite, especially at 28'. Core is weakly carbonatized, becomes somewhat coarser in pillow centres 8" quartz-carbonate vein at 2' with a few specks of pyrite 7" quartz-carbonate vein at 31', weakly mineralized 3" quartz-carbonate vein at 35.5', weakly mineralized other narrow quartz-carbonate are scattered throughout this section of core				28	31		Nil
47	53.5	Mg Tholeiitic Basalt	Flow breccia with sub-rounded fragments up to 3 cm diameter, coarser fragments are down hole. Pyrite up to 2% in matrix. About 5% pyrite in interflow material at lower contact.							
53.5	61	Mg Tholeiitic Basalt	Pillowed, as above, weakly carbonatized, fine grained							
61	114	Sedimentary Tuff	Grey to buff coloured-fine grained, fragmental in places as at 47-57.5. Some disseminated pyrite, especially where grain size of fragments increase scattered narrow quartz-carbonate veinlets possible altered pillow at bottom of hole Carbonate content is higher than the Mg basalt (ie. more effervescence with dilute HCl) 20% py for 3" at 90' 114' End of hole				89 112.5	91 114		 Nil

THE MINING ACT - DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO
84-2	1 of 1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
KOSY		0°	117'	collar 45°			L 532865

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		LOCATION (Tp., Lot, Con. OR Lat. and Long.)
84.07.10	84.07.16	84.10.09	Gary Grabowski		EBY

EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		PROPERTY NAME
Reed Enterprises			ft	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS † Au oz/T	
0	1	Casing	Overburden								
1	117	Mg Tholeiitic Basalt	Medium grey-green, weakly carbonated fine grained pillow selvages very distinct. Flow breccia with subrounded fragments at 97'				29	30		Nil	
							31	35		Nil	
			Selvages are weakly mineralized especially at 29' and 34' Core is cut by many narrow quartz carbonate stringers								
			Core is altered to a yellow-green around some of the larger qtz. veins ie. at 2.5', 11', 53', 59', 76.5', 87' and 115'				75	77		Nil	
			Ground core 26' to 29'								
			117' End of hole								

THE MINING ACT - DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-5 | PAGE NO. 1

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 180°	TOTAL FOOTAGE: 116'	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM:
DATE HOLE STARTED: 84.07.28	DATE COMPLETED: 84.08.06	DATE LOGGED: 84.10.30	LOGGED BY: Gary Grabowski	ft	MAP REFERENCE NO.:
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises		DATE SUBMITTED:	SUBMITTED BY (Signature):	ft	CLAIM NO.: L 532865
				ft	LOCATION (Tp., Lot, Con. OR Lat. and Long.): EBY
				ft	PROPERTY NAME:

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + Au Oz/T
0	4.3	Casing	Overburden							
4.3	23	Basaltic Komatiite	Dark grey-green fine grained (1-2 mm.) appears tuffaceous Some minor disseminated pyrite (1%) Cut by a few narrow quartz-carbonate veinlets							
23	34	Syenite	Fine to medium grained biotite syenite-reddish brown contains up to 1% fine disseminated pyrite groundcore 24.5 to 26' and 27.8 to 28.3				26	34		Nil
106.5	116	Sedimentary Tuff	Light to medium grey tuffaceous brecciated around the wider quartz veins-very weakly mineralized							
			End of hole 116'							

THE MINING ACT – DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-6A

PAGE NO.

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 0°	TOTAL FOOTAGE: 22.5	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.
DATE HOLE STARTED: 84-08-06	DATE COMPLETED: 84-08-06	DATE LOGGED: 84-11-01	LOGGED BY: Gary Grabowski	ft		CLAIM NO.: L 532865
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises		DATE SUBMITTED	SUBMITTED BY (Signature)	ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.): EBY
				ft		PROPERTY NAME
				ft		

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS †	
0	3	Casing	Overburden								
3	22.5	Basaltic Komatiite	Dark grey-green fine to medium grained (1-4mm.) cut by narrow quartz-carbonate stringers disseminated pyrite 1%								
			Hole abondoned at 22.5' due to bad ground								

THE MINING ACT - DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-6B | PAGE NO.

DRILLING COMPANY: KOSY

COLLAR ELEVATION:

BEARING OF HOLE FROM TRUE NORTH: 0

TOTAL FOOTAGE: 25

DIP OF HOLE AT: collar 45°

LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM:

MAP REFERENCE NO.:

CLAIM NO.: L 532865

DATE HOLE STARTED: 84-08-07

DATE COMPLETED: 84-08-07

DATE LOGGED: 84-11-01

LOGGED BY: Gary Grabowski

LOCATION (Tp., Lot, Con. OR Lot. and Long.): EBY

EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises

DATE SUBMITTED:

SUBMITTED BY (Signature):

PROPERTY NAME:

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS
0	3.8	Casing	Overburden							
3.8	25	Basaltic Komatiite	Dark green-grey fine to medium grained (1-4mm.) cut by a few narrow quartz-carbonate veinlets Weakly carbonatized some disseminated pyrite (1%) ground core 17' to 24'							
			Hole abandoned at 25' due to bad ground							

THE MINING ACT - DEPARTMENT OF MINES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. 84-6C | PAGE No. 1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
KOSY		0°	116	collar 45°			L532865

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	LOCATION (Tp., Lot, Con. OR Lat. and Long.)
84-08-08	84-08-13	84-11-08	Gary Grabowski	EBY

EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)	PROPERTY NAME
Reed Enterprises			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN FOOTAGE †	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS †
0	3.25	Casing	Overburden							
3.25	116	Mg. Tholeiitic Basalt	Medium grey-green, weakly to well carbonatized fine grained-pillowed-pillow selvages are well mineralized (pyrite)							
			Cut by many quartz-carbonate veinlets				42	43		
			Well mineralized selvage (interflow sediment) 42'-43'							
			significant quartz carbonate veins at: 13', 19', 27', 34', 38', 40', 52', 55', 60', 67', 73', 79', 88', 93', 115'							
			116' End of hole							

Ministry of Natural Resources
Ontario

42A01SE0196 20 EBY 900

Supply required data on a separate form for each type of work to be recorded (see table below).
For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)". #5311

Name and Postal Addre: James David Reed
RR2 Swastika Ont POKITO

Prospector's Licence No.: K1897

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 859

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
L	475258	60	L	532926	60			
	475259	60		532927	60			
	475260	60		532928	60			
	475261	53		532929	60			
	532922	60		532930	60			
	532923	60		532865	60			
	532924	60		532866	26			
	532925	60						

All the work was performed on Mining Claim(s): L475258-L532865 (old hole L475260)

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

(L475260)
300 ft drilled 1980.
log on file. 12 day.

Hole #1	114 ft	114 day.	specimens -	4
2	117 ft	117 day.		4
3	119 ft	119 day.		4
4	113 ft	113.		4
5	116 ft	116		4
6A	116 ft	116.		4
B	25 ft	6.		4
7	118	118		

819 days DD 28 days
Core Spec.
28
12
859

ONTARIO GEOLOGICAL SURVEY
DEC 20 1984
RECEIVED

LARDER LAKE MINING DIV.
RECEIVED
NOV 23 1984
AM 7|8|9|10|11|12|1|2|3|4|5|6 PM

RECORDED NOV 22 1984
REC. No.

Date of Report: Nov 22 84
Recorded Holder or Agent (Signature): J D Reed

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

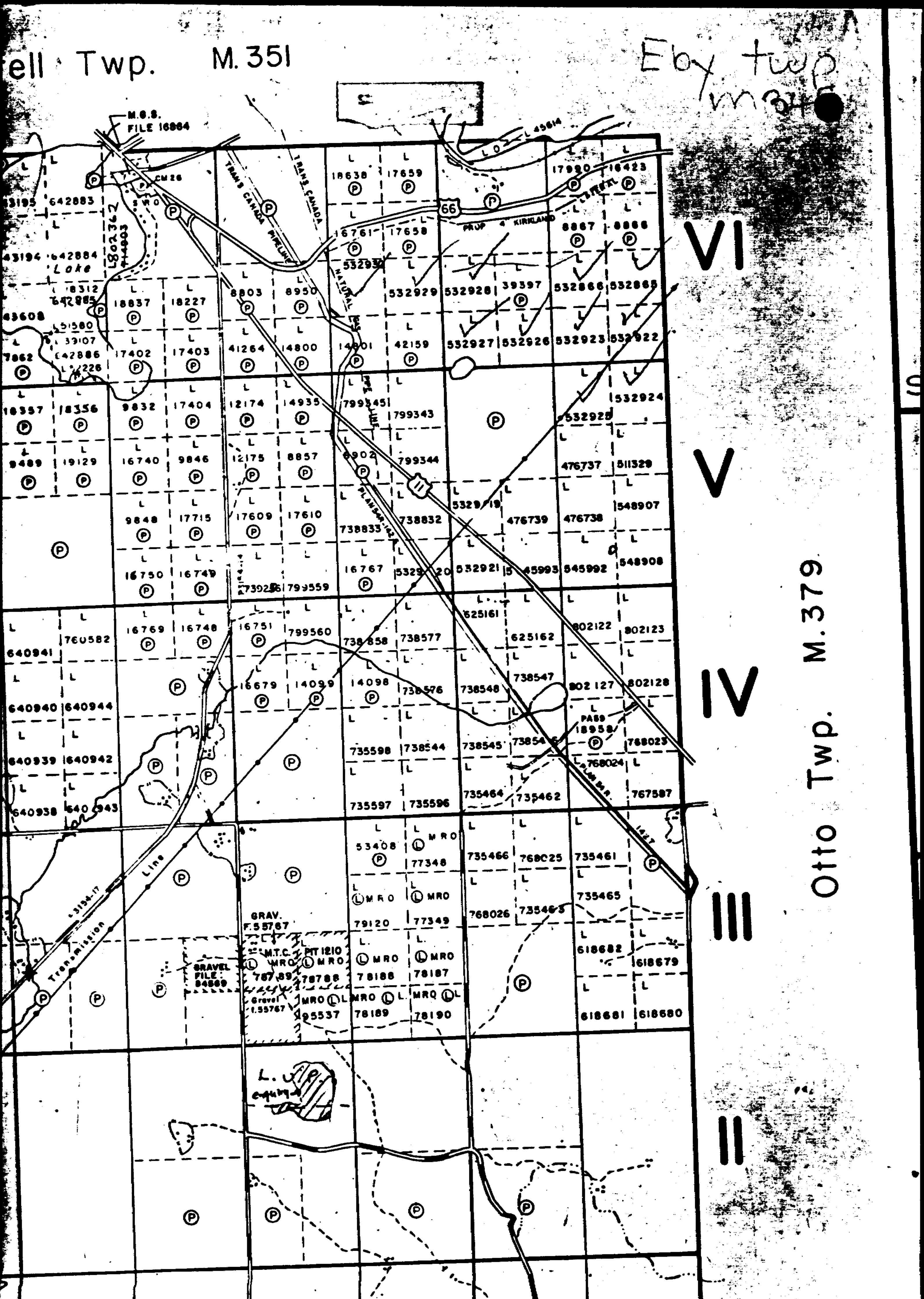
Name and Postal Address of Person Certifying
James D Reed
Swastika Ont.

Date Certified: Nov 22/84
Certified by (Signature): J D Reed

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (81/3)



ell Twp. M.351
Eby twp m346
Otto Twp. M.379
VI
V
IV
III
II
M.G.S. FILE 16864
CM 26
SWO
TRANS CANADA PIPELINE
TRANS CANADA
NATURAL GAS
PIPE LINE
66
11
PROP 4 KIRKLAND LATERAL
L 45614
Lake
GRAV. F.55767
M.T.C.
PIT 1210
GRAVEL FILE 84569
Gravel f.55767
Transmission Line
MRO
PASS 18958
18638
17659
16761
17658
532930
532929
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39397
532866
532865
17990
16423
8867
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8950
41264
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14801
42159
18357
18356
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12174
14935
799345
799343
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768025
735461
79120
77349
768026
735465
618682
618679
78788
78188
78187
95537
78189
78190
618681
618680

DIAMOND DRILL CORE RECEIVING FORM

Received from Jim Reed

45 boxes of diamond drill core at the Kirkland Lake
1031 feet
Diamond Drill Core Library.

DDH#	BOXES	FEET/METERS	TOWNSHIP	LOG	LOCATION
5	5	116 ft	Ely	✓	✓
9	5	103	"	✓	✓
8	5	115	"	✓	✓
7	5	118	"	✓	✓
2	5	117	"	✓	✓
1	5	114	"	✓	✓
4	5	113	"	✓	✓
3	5	119	"	✓	✓
6C	5	116	"	✓	✓

Date 84/11/16 Received by [signature]

N.B. Core donation may be used for Assessment Credits under the Mining Act at a rate of 1 day for every 25 feet of drilling.

DIAMOND DRILL CORE RECEIVING FORM

Received from Reed, J.

10 boxes of diamond drill core at the Kirkland Lake
457.5 feet
Diamond Drill Core Library.

DDH#	BOXES	FEET/METERS	TOWNSHIP	LOG	LOCATION
6B	1	25 ft	Ely	✓	✓
6A	1	22.5	"	✓	✓
83-1	12	307			
83-2	5	103			

Date 84/11/16 Received by [signature]

N.B. Core donation may be used for Assessment Credits under the Mining Act at a rate of 1 day for every 25 feet of drilling.