42A01SE0190 2.7576 OTTO

010

SWASTIKA LABORAT

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

SOLD TO

Mr. J. Reed
R.R. #2
Swastika, Ontario
P0K 1T0

SHIP TO

SAME

1.5% late charge over 30 days
(annual rate 18%)

DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Aug.9/84						Net 30 days	

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
6	Au Assays	$ 8.50	$ 51.00
6	Sample handling	2.75	16.50
	Cert. No. 58347 Aug.2/84		
	TOTAL	P.F.R.	$ 67.50

SWASTIKA LABORATORIES LTD.

PAID
AUG 13/84
WITH THANKS

MOORE BUSINESS FORMS 3 7060E

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

FACTURE / INVOICE

ESTABLISHED 1928

9858

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

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Mr. J. Reed
R. R. #2
Swastika, Ontario
P0K 1T0

SHIP TO SAME

1.5% late charge over 30 days
(annual rate 18%)

DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Aug. 17/84						Net 30 days	

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Au Assays	$ 8.50	$ 8.50
1	Sample Handling	2.75	2.75
	Cert. No. 58443 Aug. 15/84		
		TOTAL PER	$ 11.25

SWASTIKA LABORATORIES Ltd.
AUG 17/84
WITH THANKS

MOORE BUSINESS FORMS 3 7060E

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

FACTURE / INVOICE

ESTABLISHED 1928

9934

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

SOLD TO

Mr. J. Reed
R.R. #2
Swastika, Ontario
P0K 1T0

SHIP TO SAME

1.5% late charge over 30 days
(annual rate 18%)

DATE	SHIPPED VIA	FED LICENCE NO	PROV. LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Aug.31/84						Net 30 days	

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
6	Au Assays	$ 8.50	$ 51.00
6	Sample handling	2.75	16.50
	Cert. No. 58490 Aug. 24/84		
	Hold		
		TOTAL F.O.B.	$ 67.50

SWASTIKA LABORATORIES LTD.
SEP 10/84 RECD
WITH THANKS

MOORE BUSINESS FORMS 3 7060E

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANT

FACTURE / INVOICE

ESTABLISHED 1928

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 58347 Date: August 2 1984

Received July 30/84 6 Samples of split core

Submitted by Mr. J. Reed, Swastika, Ontario

SAMPLE NO.	GOLD Oz./ton	Hole #	footage
1	Nil	#1	29-32.
2	Nil	#1	112-114½.
3	Nil	#2	28-34
4	Nil	#2	75-77.
5	Nil	#3	34-37½
6	Nil	#3	64½-66½

Per G. Tebel -- Manager

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SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 58443 Date: Aug. 15, 1984

Received Aug. 13, 1984 1 Samples of split core

Submitted by J. Reed, Swastika, Ontario

SAMPLE NO.	GOLD Oz./ton
no number	Nil

Hole 5 26 – 34½

Per G. Lebel

G. Lebel, Manager

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SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0
TELEPHONE: (705) 642-3244
ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 58490 Date: Aug. 24, 1984

Received Aug. 20, 1984 6 Samples of split core

Submitted by J. Reed, Swastika, Ontario

SAMPLE NO.	GOLD Oz./ton	Hole #7. feet
1	Nil	50-51
2	Nil	60-61
3	Nil	68-69.5
~~Nil~~		
4	Nil	69.5-72
5	Nil	72-72.5
6	Nil	77-79

Per G. Lebel

G. Lebel, Manager

ESTABLISHED 1928

Member Canadian Testing Association

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	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		180°	114	collar 45°			532865

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	LOCATION (Tp., Lot, Con. OR Lat. and Long.)
84 07 03	84 07 09	84.10.09	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 + 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				28	31		Nil
			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							
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				89	91		
			Carbonate content is higher than the Mg basalt (ie. more effervescence with dilute HCl)				112.5	114		Nil
			20% py for 3" at 90'							
			114' 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. 84-2 | PAGE NO 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 Lot. and Long.)
84.07.10	84.07.16	84.10.09	Gary Grabowski	ft	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' 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' Ground core 26' to 29'				29	30		Nil
							31	35		Nil
							75	77		Nil
			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. 84-3 | PAGE NO. 1

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 0	TOTAL FOOTAGE: 119	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM
DATE HOLE STARTED: 84-07-20	DATE COMPLETED: 84-07-24	DATE LOGGED: 84.10.17	LOGGED BY: Gary Grabowski	ft	MAP REFERENCE NO.
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises		DATE SUBMITTED	SUBMITTED BY (Signature)	ft	CLAIM NO.: L475258
				ft	LOCATION (Tp., Lot, Con. OR Lat. and Long.): OTTO
				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	4.5	Casing	Overburden							
4.5	11	Altered (flow-top?) Breccia	Yellow-green and grey-green brecciated fragments healed by quartz and some minor carbonate. Very little mineralization				34.5	37.5		Nil
							64.5	67.0		Nil
11	119	Mg Tholeiitic Basalt	Similar to hole #2 ie. medium grey-green fine-grained weakly carbonatized							
			Yellow-green alteration around quartz veins at 46.5', 48', 50', 55', 58', 60' and 65' (These altered zones may represent inter flow sediments, especially at 60')				104.5	106		
			Pillow selvages carry the only appreciable amount of pyrite							
			End of hole 119'							

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 Lot. 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 +
0	4.3	Casing	Overburden							Au Oz/T
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. 84-7 | PAGE No. 1 of

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 0°	TOTAL FOOTAGE: 118	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM:
DATE HOLE STARTED: 84-08-14	DATE COMPLETED: 84-08-20	DATE LOGGED:	LOGGED BY: L. Jensen	ft	MAP REFERENCE NO.:
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises	DATE SUBMITTED:	SUBMITTED BY (Signature):		ft	CLAIM NO.: L 475258
				ft	LOCATION (Tp., Lot, Con. OR Lot. and Long.): OTTO
				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	6.5	Casing	Overburden							
6.5	6.8	Rusty surface	Carbonatized massive (1-2 mm. grained) basaltic Kometiite cut by quartz-calcite vein 1cm. wide with fine disseminated pyrite (1-2%)							
6.8	17	Basaltic Komatiite	Weakly carbonatized (massive, grey, 1-2mm grained) fine disseminated pyrite at 7.2', 1" quartz vein at 8.8' quartz-calcite veinlets throughout with minor pyrite							
17	23	Basaltic Komatiite /or Mg Tholeiitic Basalt	Fine grained-weakly carbonatized cut by quartz calcite veinlets -gradual grain-size increase to 1-2mm. at 20' and back to fine grained at 22'							
23	45	Mg Tholeiitic Basalt	Fine grained, weakly carbonatized with some flow top breccia; grades into 1-2mm. grained 2" quartz veins at 29', 32.5', 40', 42.3' plus qtz-carb stringers throughout at 2 to 3" intervals							
45	59	Mg Theoleiitic Basalt	1-2mm. grained with variable carbonate alteration and stingers -becomes pyritic at 50'-59' (1-3% but erratic) chalcopyrite <1% at 50.5'				50	51		
59	61	Mg Tholeiitic Basalt	More strongly carbonatized volcanic rock with pyrite (2%) -becomes rusty at 60' (might be interflow sediment from volcanic material)							
61	6.95	Tuff	Carbonatized, calc-alkalic in compsosition weakly pyritic in places				68	69.5		
69.5	[illegible]2	Tuff	Same as above with graphite starting and increasing along with pyrite - strongly pyrite in places				69.5	72.0		

THE MINING ACT - DEPARTMENT OF MINES

DIAMOND DRILLING LOG

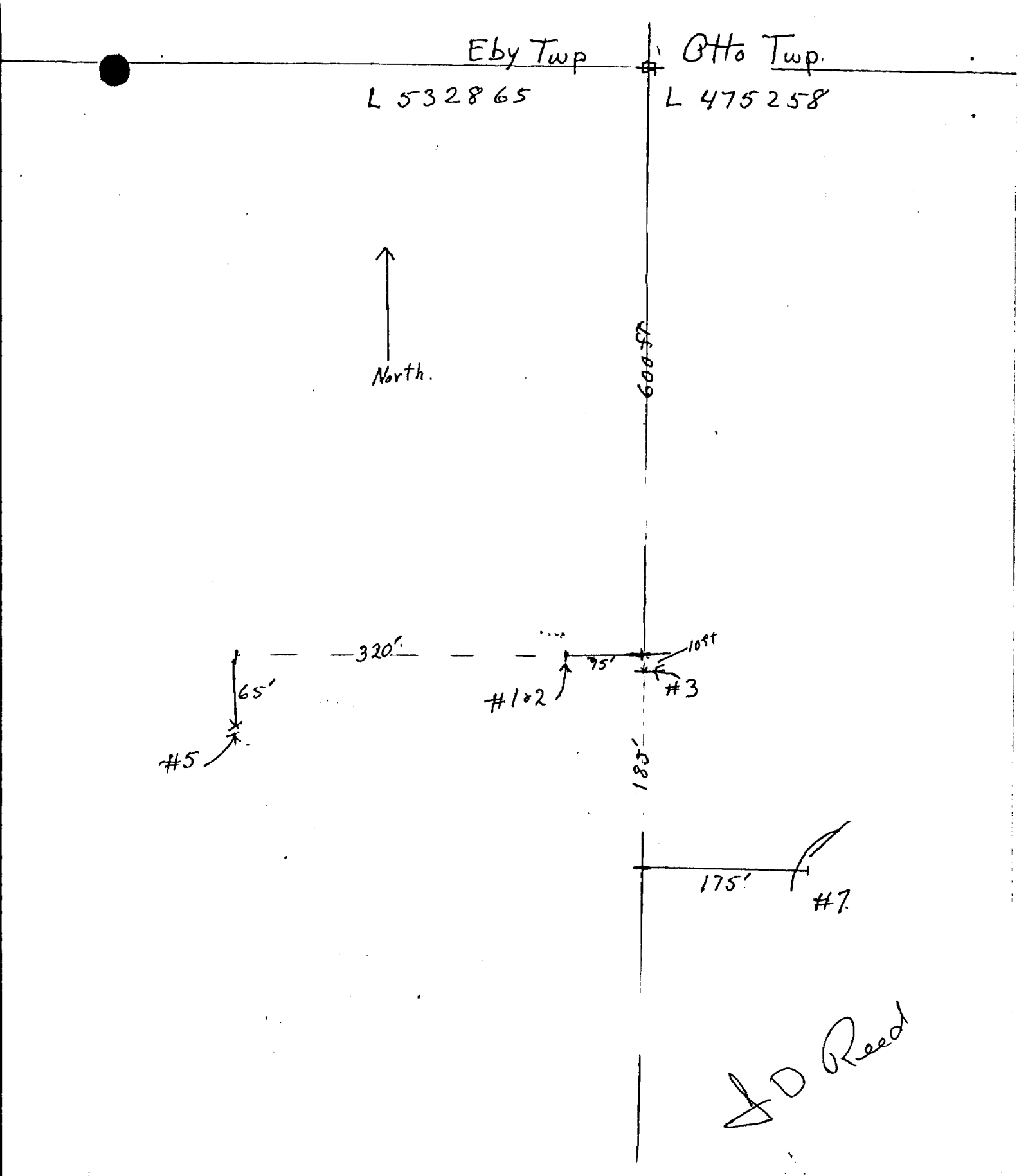
Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-7

DRILLING COMPANY: KOSY	COLLAR ELEVATION:	BEARING OF HOLE FROM TRUE NORTH: 0°	TOTAL FOOTAGE: 118	DIP OF HOLE AT: collar 45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM:
DATE HOLE STARTED: 84-08-14	DATE COMPLETED: 84-08-20	DATE LOGGED:	LOGGED BY: L. Jensen	ft	MAP REFERENCE NO.:
EXPLORATION CO., OWNER OR OPTIONEE: Reed Enterprises		DATE SUBMITTED:	SUBMITTED BY (Signature):	ft	CLAIM NO.: L 475258
				ft	LOCATION (Tp., Lot, Con. OR Lot. and Long.): OTTO
				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
72	75	Graphite	Core lost 72.5' - 75'							
75	75.5	Tuff	Coarse grained Poor pyrite							
75.5	78.5	Graphite	Sharp upper contact, grades down hole into fragmental rock with fuchsite (green carbonate) mixed with carbonate and quartz and feldspar crystals of tuff -no pyrite				77	78.5		
78.5	107.5	Sedimentary Tuff	Mainly soft sedimentary tuff mixed with carbonate and minor graphite (1-2%) soft sediment deformation - no pyrite							
107.5	118	Basaltic Komatiite	Weakly carbonatized-quartz-calcite stringers throughout							
			118' End of hole							


Eby Twp
Otto Twp.
L 532865
L 475258
North.
600 ft
320'
65'
#5
#102
75'
10 ft
#3
185'
175'
#7
D Reed



900

Mining Lands Section

File No 2.7576

Control Sheet

TYPE OF SURVEY

_____ GEOPHYSICAL

_____ GEOLOGICAL

_____ GEOCHEMICAL

_____ EXPENDITURE

MINING LANDS COMMENTS:

lgd. LD.

Signature of Assessor

Date

Ministry of Natural Resources
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

2.7576

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

L532865) #584

Type of Survey(s): Gold essays split core.

Township or Area: Otto ; Eby

Claim Holder(s): James David Reed.

Prospector's Licence No.: K18971

Address: RR2 Swastika. Ont P0K1T0.

Survey Company

Date of Survey (from & to): Day 01 Mo. 07 Yr. 84 | Day 01 Mo. 10 Yr. 84

Total Miles of line Cut

Name and Address of Author (of Geo-Technical report)

Credits Requested per Each Claim in Columns at right

		Days per Claim
Special Provisions For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	532866	9			

RECEIVED
DEC 17 1984
MINING LANDS SECTION

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

Total number of mining claims covered by this report of work.

Expenditures (excludes power stripping)

Type of Work Performed: Gold Essays

Performed on Claim(s): L475258 L532865

Calculation of Expenditure Days Credits

Total Expenditures: $ 146.25 ÷ 15 = Total Days Credits: 9

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded: 9

Date Recorded: NOV 23 1984

Mining Recorder:

Date Approved as Recorded: 84.12.21

Branch Director:

Date: Nov 23/84

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 David Reed
RR2 Swastika Ont.

Date Certified: Nov 23 84

Certified by (Signature): J D Reed

1362 (81/9)