

42A10SE0104 2.8339 BOWMAN

010

REPORT ON REVERSE CIRCULATION
OVERBURDEN DRILLING
IN
CURRIE AND BOWMAN TOWNSHIPS

RE: CLAIMS

620869, 628078 TO 628096 INCLUSIVE
834085 TO 834090 INCLUSIVE
807229, 807230, 826982, 826983, 834314 TO 834321 INCLUSIVE
805257 TO 805260 INCLUSIVE

JULY 20, 1985

RECEIVED

R. E. GADZALA

AUG - 7 1985

MINING LANDS SECTION

*Qual
This file.*

2.8339

SUMMARY

GRID #1

Claims 620869 and 628078 to 628092 inclusive.

Assessment work per claim 60 days.

Cost for drilling	\$15,319.50	
Footage drilled	929'	
Usable assessment	$\$15,319.50 \div 15 =$	1021.3 days
Assessment days required	=	<u>960.0 days</u>
Assessment days not used	=	61.3 days

GRID #2 & #3

Claims 628093 to 628096 inclusive, 807229, 807230, 826982, 826983, 834085 to 834090 inclusive, 834314 to 834321 inclusive.

Assessment work per claim 60 days

Claims 805257 to 805260 inclusive.

Assessment work per claim 20 days

Cost for drilling	\$29,765.00	
Footage drilled	1544'	
Usable assessment	$\$29,765.00 \div 15 =$	1984.3 days
Assessment days required (1320+80)	=	<u>1400.0 days</u>
Assessment days not used	=	584.3 days

TOTALS FOR GRIDS #1, #2, & #3

Total cost for drilling	\$45,084.50
Total footage drilled	2,473 feet
Total cost per foot drilled	\$18.23.
Total assessment work required	2360.0 days
Total assessment work done	3005.6 days



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010C

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REPORT ON SAMPLE COLLECTION, SAMPLE PREPARATION AND
ANALYTICAL METHODOLOGY

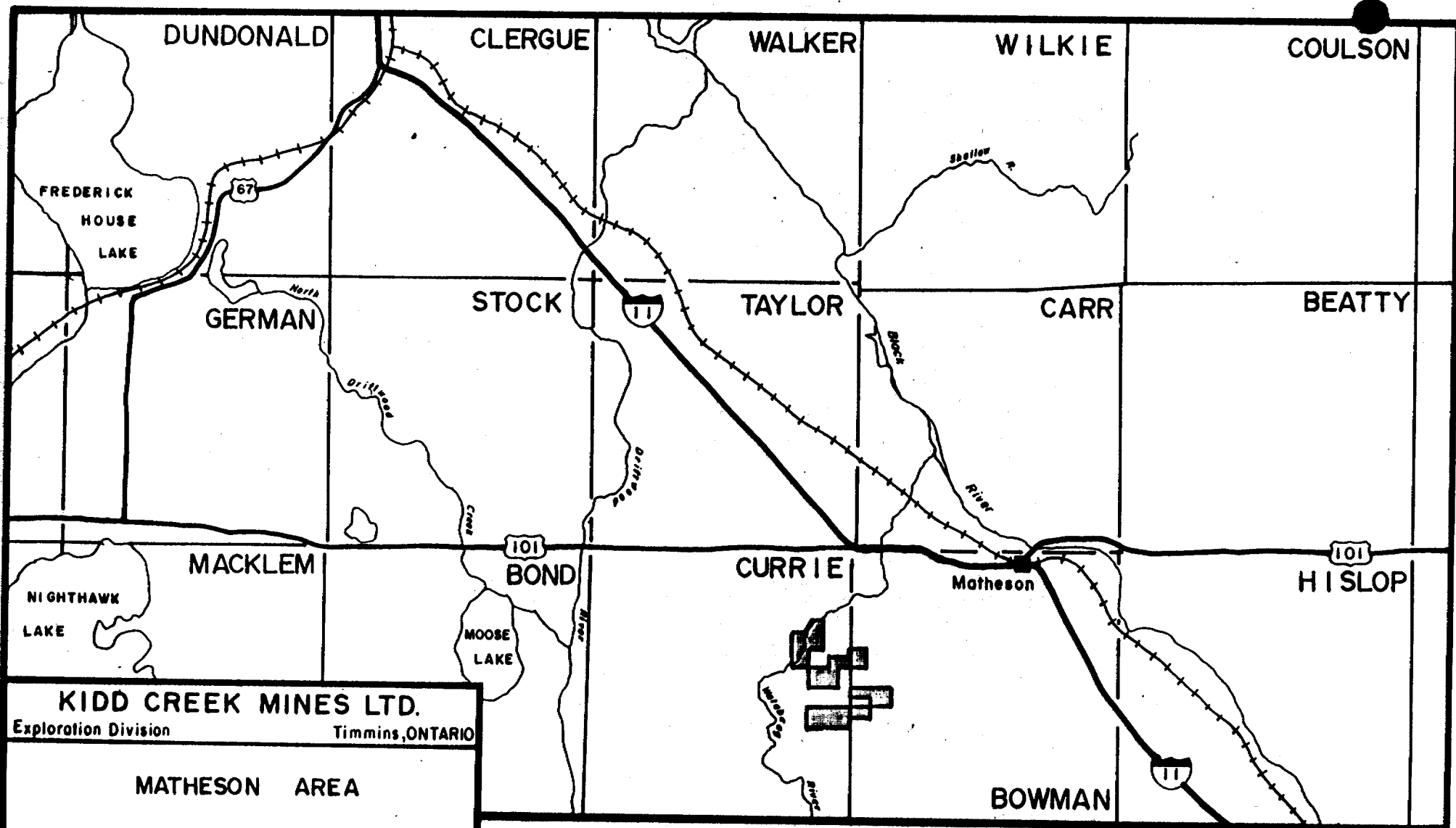
INTRODUCTION

Overburden drilling was performed in Currie and Bowman townships (Figure 1) from May 11 to June 1, 1985. Kidd Creek Exploration contracted Bradley Brothers Ltd. of Timmins, Ontario to do the reverse circulation drilling. Bradley's provided invoices for the drilling costs (Appendix 1), and Kidd Creek Exploration paid the balance of these expenses by cheques (Appendix 2).

Holes QT85-43 to QT85-52 and QT85-59 to QT85-84 inclusive (Appendix 3) are being submitted for assessment work credits. The assessment is to cover 42 claims (Figure 2a) found in four claim blocks forming two claim groups (Figure 2).

Sample Collection

A Nodwell-mounted Longyear "38" reverse circulation drill rig, belonging to Bradley Brothers Ltd., was employed to obtain samples of overburden and bedrock. A 6.7 cm tricone bit with tungsten carbide buttons was used to cut



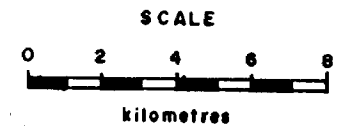
KIDD CREEK MINES LTD.
 Exploration Division Timmins, ONTARIO

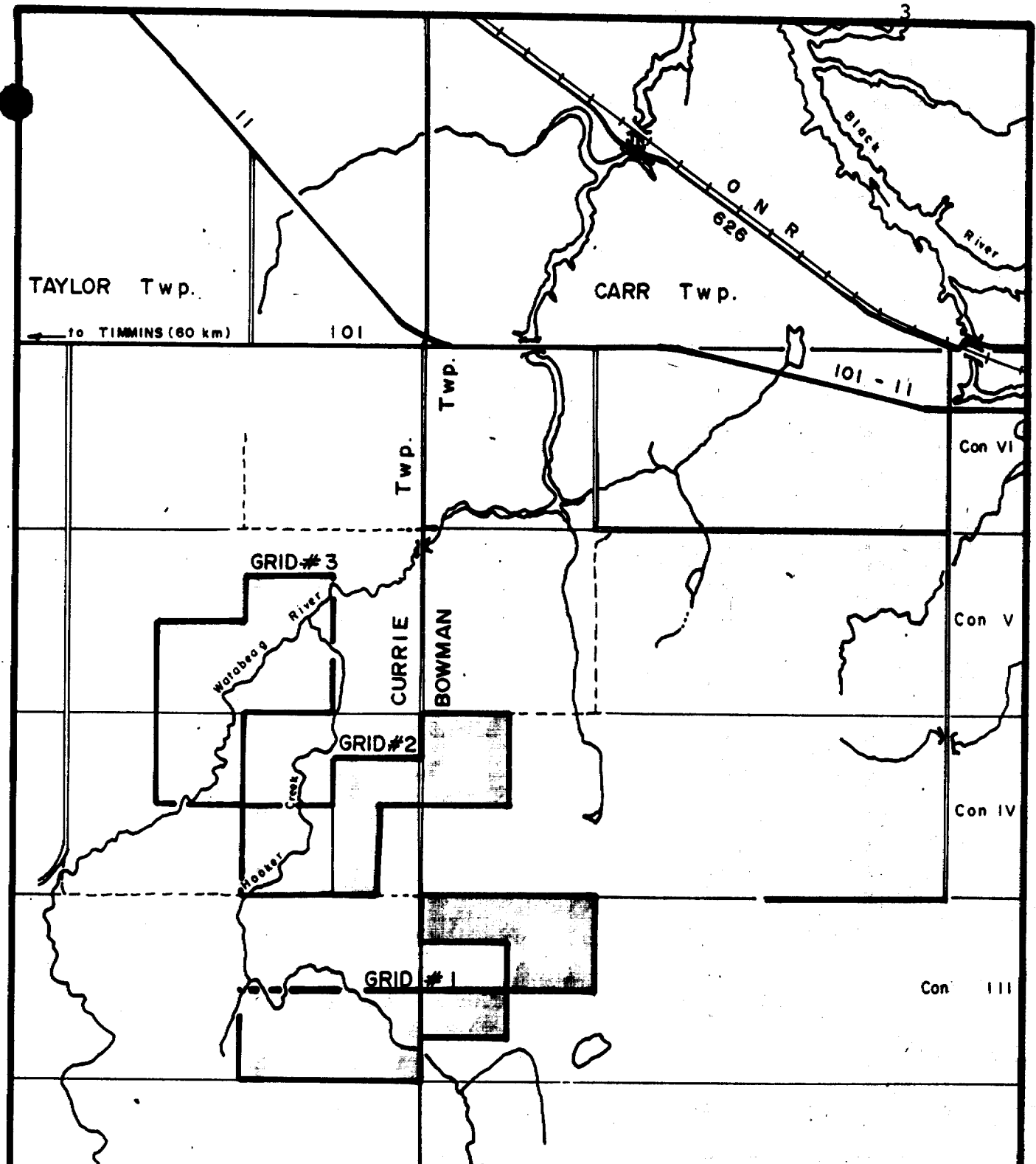
MATHESON AREA

LOCATION MAP

SCALE :	Date : DC
Drawn: DEL	Project No: 966, 947
	Date: 19/07/85

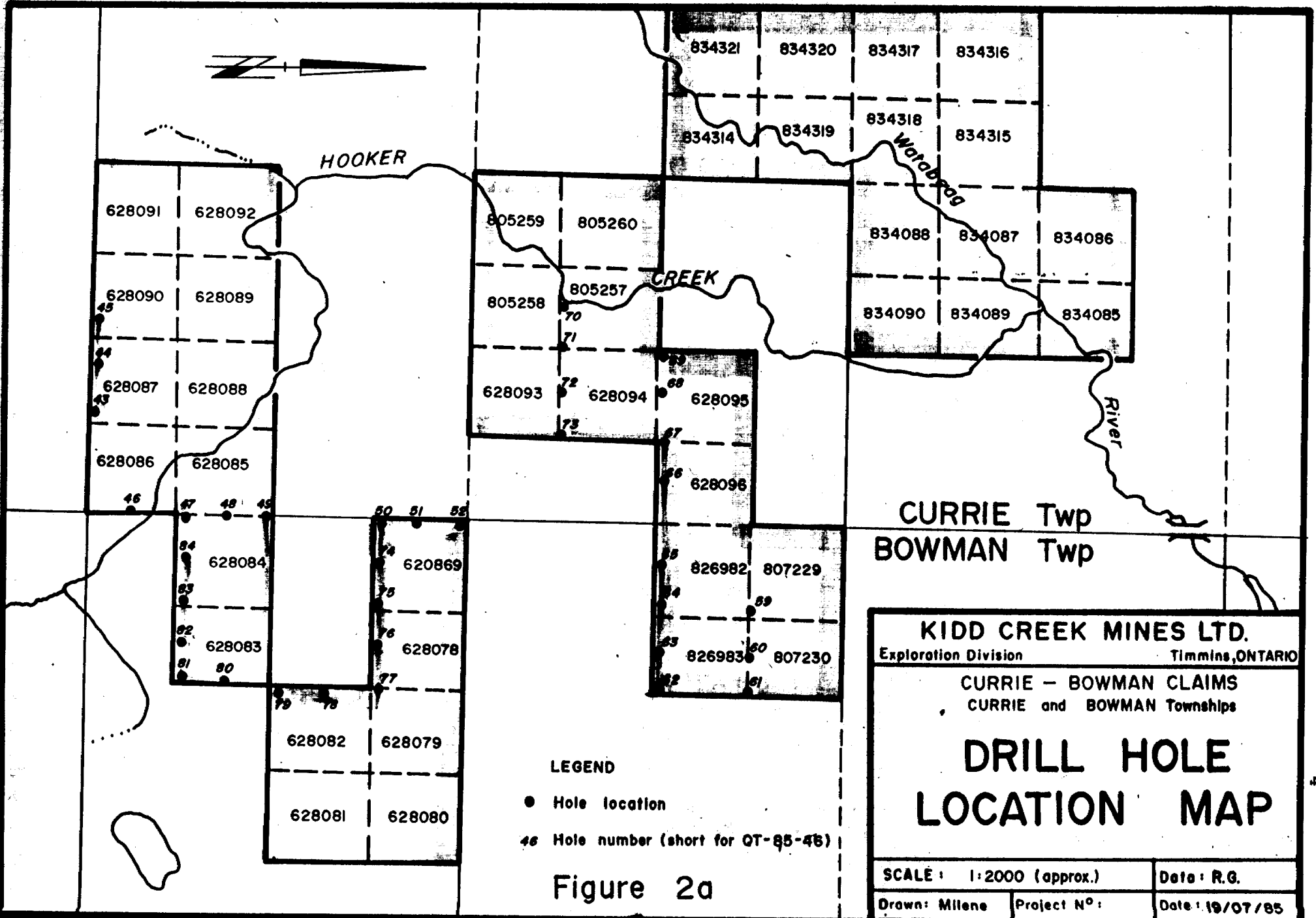
Figure 1





KIDD CREEK MINES LTD.	
Exploration Division	Timmins, ONTARIO
CURRIE - BOWMAN CLAIMS	
CURRIE and BOWMAN Twp.	
LOCATION MAP	
SCALE: 1 : 50,000	Date: DerWeduwen
Drawn: DEL	Project N°: 88
	Date: 03/06/85

Figure 2



HOOKER

CREEK

Warabog

River

CURRIE Twp
BOWMAN Twp

KIDD CREEK MINES LTD.	
Exploration Division	Timmins, ONTARIO
CURRIE - BOWMAN CLAIMS CURRIE and BOWMAN Townships	
DRILL HOLE LOCATION MAP	
SCALE: 1:2000 (approx.)	Date: R.G.
Drawn: Milene	Date: 19/07/85
Project N°:	

LEGEND

- Hole location
- 46 Hole number (short for QT-85-46)

Figure 2a

through the overburden and bedrock. Sample materials were obtained by pumping water, sometimes with compressed air, down the outer tube of the dual tube rods to the bit/sediment interface where the water and cuttings of overburden or bedrock were flushed up the inner tube to surface (Figure 3). On surface, the sample slurry was discharged into a cyclone to reduce the water pressure before emptying into a 25 L bucket. A second 20 L bucket received the overflow from the first bucket, thereby preventing undue loss of fine materials. The overburden sample was allowed to settle in the bucket prior to decanting and bagging. All material in the 25 L bucket was included in the sample. Overflow from the second bucket emptied into a settling tank, and the water was reused in the drilling.

The overburden was described and logged by the Quaternary geologists as it flowed from the cyclone into the first bucket. A 2 mm (10 mesh) sieve was inserted between the cyclone and bucket to obtain material for examination (Figure 3). When sampling, every effort was made to avoid mixing different genetic types of overburden. Accordingly, the interval sampled was controlled by the thickness of the overburden units. Within an overburden type, the maximum sample interval taken was generally no greater than 2 metres (6 to 7 ft). This usually gives about a 5 kg bulk sample

REVERSE CIRCULATION DRILLING & HEAVY MINERAL CONCENTRATE PREPARATION TECHNIQUES USED BY KIDD CREEK MINES LTD.

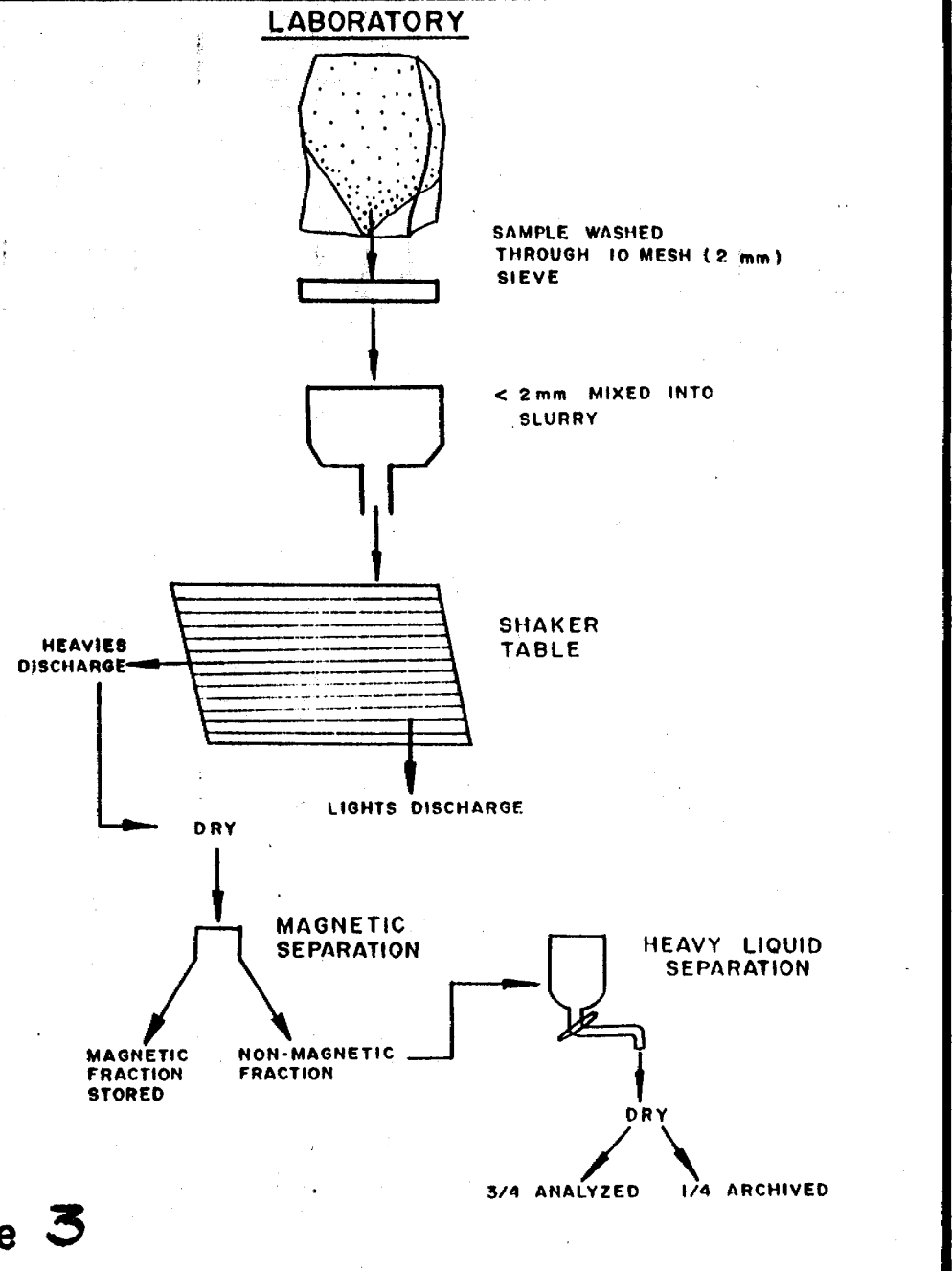
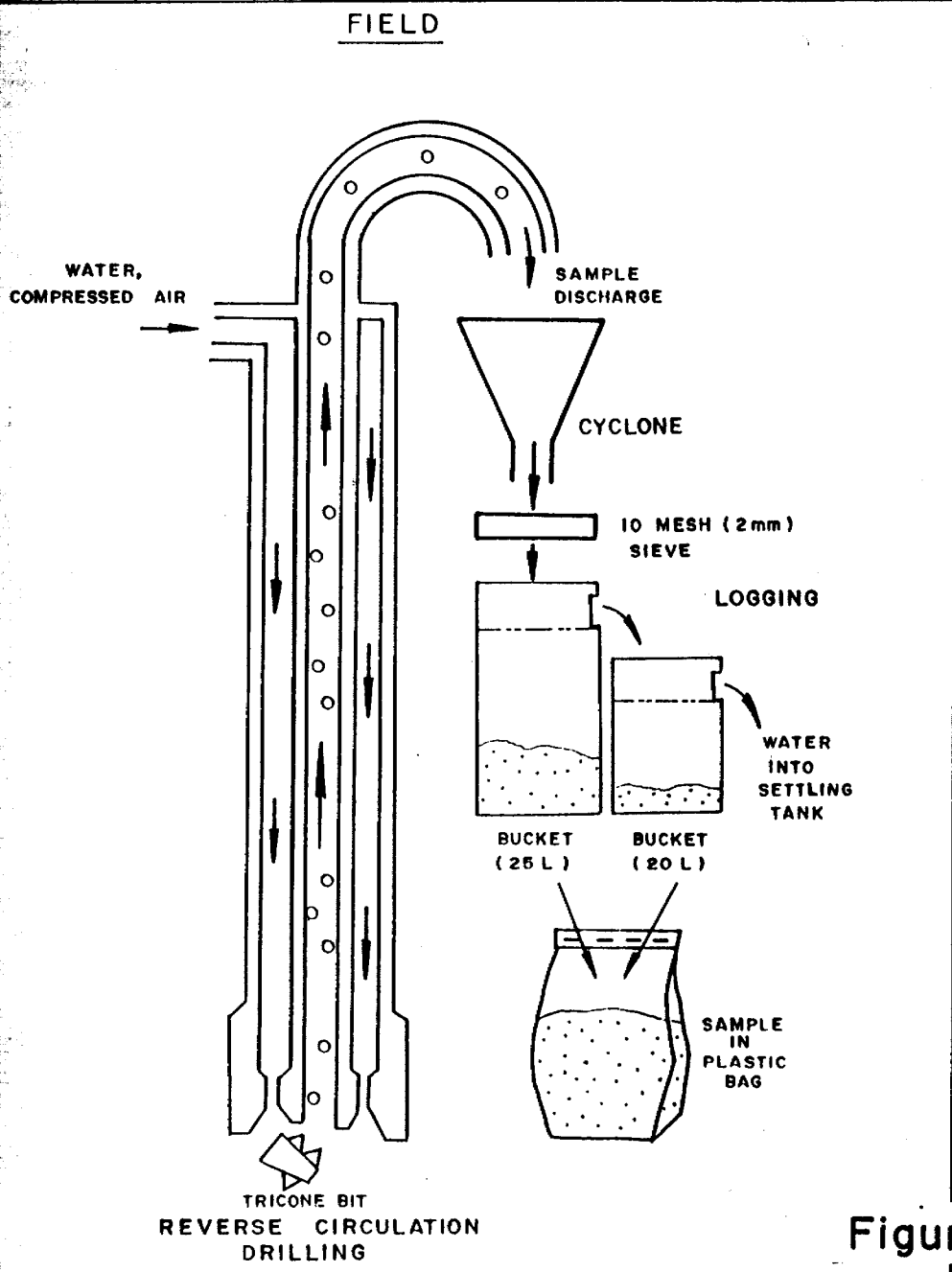


Figure 3

and, in most instances, ensures sufficient heavy minerals for geochemical analysis. The bedrock sample consists of rock chips which are collected directly from the 2 mm screen and bagged. Usually 1.5 metres of bedrock are drilled to reduce the probability of mistaking a boulder for bedrock. In the course of the sampling, boulders were cut from the overburden samples because they may enhance or dilute trace metal levels in the overburden sample. Boulder chips $> 2\text{mm}$ may be sampled separately. Lacustrine and marine clays were not sampled because of their lack of usefulness in mineral exploration.

The sample interval is recorded as a depth measurement at the top and bottom of the sample. Depth is determined by counting the number of 10 or 20 foot drill rods as they are added to the rod string, and by noting the amount that the uppermost rod has penetrated the overburden.

Sample Preparation

Heavy mineral concentrates (HMC) were prepared from the overburden samples in the laboratory at the Exploration Division office in Timmins (Figure 3). All samples were washed through a 2 mm (10 mesh) sieve to remove all material coarser than 2 mm. The $< 2\text{mm}$ materials were transferred to an elevated holding tank, thoroughly stirred by a mixer into a slurry, and released onto the sloped shaker table below.

The heavier materials were separated from the lighter materials by agitation on the shaker table. The tabled heavies were dried, and the magnetic fraction removed, using a plunger magnet, and stored. The non-magnetic fraction was further concentrated using a heavy liquid (methylene iodide, S.G. 3.3) separation technique. Occasionally small heavy mineral concentrate samples, if consecutive and from the same sediment type, were combined to ensure sufficient material for analysis.

Analytical Methodology:

The heavy mineral concentrates were routinely analyzed for Au and 21 other elements at Nuclear Activation Services Ltd. in Hamilton. Further routine analysis for Cu, Pb, Zn, Ni, and Ag were done at X-Ray Assay Laboratories Ltd. in Toronto.

Gold and 21 other elements were determined by non-destructive, direct irradiation neutron activation on the whole unground heavy mineral concentrate. The lower detection limit for Au with this method is 20 ppb.

After analysis for Au, a 1/4 split from the heavy mineral concentrate was taken and ground to -200 mesh (75 um) for destructive geochemical analysis. From the -200 mesh material a 0.25 gm split was digested using 2 mL of concentrated nitric acid in a test tube which was placed for

one half hour in a water bath at 90°C. Then 1 mL of concentrated hydrochloric acid was added and the digestion continued for another 2 1/2 hours. The test tubes were shaken at regular intervals during the digestion. Sample solutions were made up to volume with a lithium buffer solution and run on a simultaneous direct-current plasma emission spectrometer (DCP) for Cu, Zn, Pb, Ni and Ag. The lower detection limits for Cu, Zn, Pb, Ni and Ag are 0.5, 0.5, 2.0, 1.0 and 0.5 ppm respectively. The unground portions of sample and any remaining sample pulps were returned to the Exploration Division office in Timmins and stored.

R. Gadzala

R. E. GADZALA

DECLARATION

I, Roman Edward Gadzala, certify that I graduated from Brock University, St. Catharines, Ontario, with a four year Bachelor of Science degree in May, 1983. My specialization has been in geology and geography. Since graduating, I have practiced my profession with Noranda Exploration Ltd. (Timmins) until the beginning of 1985. I have since that time been employed by Kidd Creek Mines Ltd. within my field of study.

R. Gadzala

ROMAN E. GADZALA

APPENDIX 1

BRADLEY'S INVOICES

MAY 8 to 15, 1985

and

MAY 16 TO 31, 1985

BRADLEY BROS. LIMITED

May 15, 1985

CONTRACT DIAMOND DRILLING

Kidd Creek Mines Limited
P.O. Box 1140
Timmins, Ontario P4N 7H9

HOLE No.	TO COVER DIAMOND DRILLING FOR			FOOTAGE COMPLETED	
	FROM	TO	May 8 to 15, 1985		
	Mobilization 25 miles				@ \$ 5.00 \$125 00
31	0'	50'	50'		
32	0'	55'	55'		
33	0'	51'	51'		
34	0'	92'	92'		
35	0'	25'	25'		
36	0'	118'	118'		
37	0'	45'	45'		
38	0'	38'	38'		
39	0'	48'	48'		
40	0'	58'	58'		
41	0'	42'	42'		
42	0'	66'	66'		
43	0'	19'	19'		
44	0'	21'	21'		
45	0'	23'	23'		
46	0'	51'	51'		
47	0'	55'	55'		
48	0'	64'	64'		
49	0'	44'	44'		
50	0'	34'	34'		
	TOTAL 999'				
	Operating hours 62 hours				@ 178.00 11,036 00
	Travelling 9 hours X 3 men X \$24.00				648 00
	Down the hole consumables 5 tricone bits @ \$600.00 - \$3000.00 2 adaptors @ 456.00 - 912.00 3912.00 Plus 15% 586.80				4,498 80

FOR APPROVAL
Juni 85/37

TIMMINS OFFICE

Checked
 Proj No(3) Bkdn ..
 Name(s)
 968-24 11055.40
 72-24 3522.40
 16,577.80
 Approved

CURRIE
BOWMAN
CLAIMS

FORWARD

May 15, 1985

CONTRACT DIAMOND DRILLING

Kidd Creek Mines Limited
P.O. Box 1140
Timmins, Ontario P4N 7H9

HOLE No.	TO COVER DIAMOND DRILLING FOR		
	FROM	May 8 to 15, 1985 TO	FOOTAGE COMPLETED
	Float rental - May 10 - 54 miles		@ \$ 5.00
			270 00
			<u>\$16,577 80</u>

BRADLEY BROS. LIMITED

May 31, 1985

CONTRACT DIAMOND DRILLING

Kidd Creek Mines Limited
P.O. Box 1140
Timmins, Ontario P4N 7J4

HOLE No.	TO COVER DIAMOND DRILLING FOR May 16 to 31, 1985 FROM TO FOOTAGE COMPLETED		
	Operating hours 115 1/2 hours	@ \$178.00	\$20,559 00
	Walking time 26 hours X 3 X \$24.00		1,872 00
	Down time 1/2 hour X 3 X \$24.00		36 00
	Down the holes consumable		
	13 Tricone bits @ \$600.00	- \$7800.00	
	4 Adaptors @ 456.00	- 1824.00	
	1 H.D. dual tube rod 10' @ 430.00	- 430.00	
		<u>10,054.00</u>	
	Plus 15%	<u>1,508.10</u>	
			<u>11,562 10</u>
			<u>\$34,029 10</u>

SPE TIMMINS TRANSMITTAL
FILE MEMO No. T85-43

FOR APPROVAL

TIMMINS OFFICE

Checked
 Proj Name(s) No. (3)
 96.8-24 =
 34,029.10

APPROVED

CURRIE
BOWMAN
CLAIMS

May 31, 1985

LD

CONTRACT DIAMOND DRILLING

Kidd Creek Mines Limited
P.O. Box 1140
Timmins, Ontario P4N 7J4

HOLE No.	TO COVER DIAMOND DRILLING FOR May 16 to 31, 1985		
	FROM	TO	FOOTAGE COMPLETED
50	34'	36'	2'
51	0'	70'	70'
52	0'	26'	26'
53	0'	43'	43'
54	0'	96'	96'
55	0'	95'	95'
56	0'	85'	85'
57	0'	56'	56'
58	0'	138'	138'
59	0'	78'	78'
60	0'	116'	116'
61	0'	116'	116'
62	0'	65'	65'
63	0'	77'	77'
64	0'	132'	132'
65	0'	54'	54'
66	0'	56'	56'
67	0'	64'	64'
68	0'	56'	56'
69	0'	57'	57'
70	0'	23'	23'
71	0'	39'	39'
72	0'	47'	47'
73	0'	65'	65'
74	0'	115'	115'
75	0'	29'	29'
75A	0'	30'	30'
76	0'	31'	31'
76A	0'	39'	39'
77	0'	27'	27'
78	0'	25'	25'
79	0'	24'	24'
80	0'	73'	73'
81	0'	28'	28'
82	0'	44'	44'
83	0'	35'	35'
84	0'	20'	20'

FORWARD

APPENDIX 2

CHEQUES PAYING BRADLEY'S FOR OVERBURDEN DRILLING

1-8000022000

Middle Creek

P.O. Box 175, Suite 5000
Commerce Court West
Toronto, Ontario M5L 1E7

C 03687

Cheque Number
1A-002753

Date	Invoice Number	Batch	Voucher	Gross Amount	Discount	Net Amount
1/85	BRADLEY	06026	11870	34,029.10	.00	34,029.10
1/85	BRADLEY	06026	11871	42,932.59	.00	42,932.59
totals <input type="checkbox"/>				76,961.69	.00	76,961.69

Please detach before depositing



Middle Creek

P.O. Box 175, Suite 5000
Commerce Court West
Toronto, Ontario M5L 1E7

Date

06/26/85

Cheque Number

1A-002753

THE TORONTO-DOMINION BANK
TORONTO - DOMINION CENTRE BRANCH
55 KING STREET WEST & BAY STREET 10202-004
TORONTO, ONTARIO M5K 1A2

Amount



\$76,961.69

40-8000022000

BRADLEY BROS. LIMITED
P.O. BOX 2367
NORANDA PQ

Pay to the order of

J9X 5A9

NOT NEGOTIABLE

Authorized Signature

NOT NEGOTIABLE

Authorized Signature

Casing LX55-2 -	@ 38.39	1,614.58
42 metres BW Casing		225.00
1 BW Casing shoe	@ 46.26	1,267.52
27.4 metres NW Casing		280.00
1 NW Casing Shoe		
LX55-3 -	@ 38.39	1,881.10
49 metres BW Casing		225.00
1 BW Casing Shoe	@ 46.26	2,257.40
48.8 metres NW Casing		280.00
1 NW Casing Shoe		
Mud LX55-3	@ 15.00	315.00
21 bags		
GS-550 LX55-4	@ 48.00	96.00
2 gallons		

P.O. BOX 2367 - NORANDA, QUE. J9X 5A9
TEL: 819-752-0755

10-B000022000

P.O. Box 175, Suite 5000
Commerce Court West
Toronto, Ontario M5L 1E7

C 03420

Cheque Number

Date	Invoice Number	Batch	Voucher	Gross Amount	Discount	Net Amount
5/15/85	BRADLEY	05057	11272	11,717.50	.00	11,717.50
5/15/85	BRADLEY	06013	11627	16,577.80	.00	16,577.80
Please detach before depositing						
totals				28,295.30	.00	28,295.30

1A-002490

Net Amount

11,717.50

16,577.80

28,295.30



Kidd Creek
P.O. Box 175, Suite 5000
Commerce Court West
Toronto, Ontario M5L 1E7

Date

06/12/85

Cheque Number

1A-002490

Amount

\$28,295.30



THE TORONTO-DOMINION BANK
TORONTO - DOMINION CENTRE BRANCH
88 KING STREET WEST & BAY STREET 10202-004
TORONTO, ONTARIO M5K 1A2

40-B000022000

BRADLEY BROS. LIMITED
P.O. BOX 2367
NORANDA PQ

J9X 5A9

NOT NEGOTIABLE

Authorized Signature

NOT NEGOTIABLE

Authorized Signature

RECEIVED
MAY 30 1985

D.J. Miller
Proj #936

Jan 25/86

11,717.50

APPENDIX 3

DRILL LOGS: HOLES QT85-59 TO QT85-84

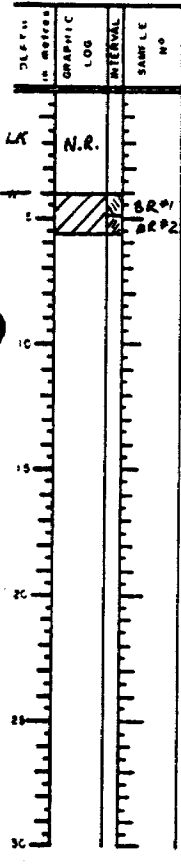
AND

QT85-43 TO QT85-52

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO. QT-85-043B LOCATION CURRIE TWP. L3W 8205 Grid BIT NO. C66642 BIT METERAGE 5.8 to 11.4
 DATE MAY 14 1985 GEOLOGIST R. GAZZARA DRILLER R. FOWLER MOVE TO HOLE 8:30 AM to 8:45 AM
 DEPTH OF HOLE 5.6 m DEPTH OF OVERBURDEN 4.0 m ELEVATION _____ (MSL) DRILL 8:50 AM to 11:20 AM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NO RETURN 0-4.0 m
 OTHER 8:40 to 8:55 AM MUCK TRUCK

DEPTH IN METERS GRAPHIC LOG INTERVAL SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS								
		Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm
0-4.0 m	No RETURN - POSSIBLE LITHOLOGY CHANGE AT 3.9 m TO A MORE COMPACT UNIT									
4.0-5.6 m	BEDROCK									
5.6 m (18.5 ft)	E.O.H.									

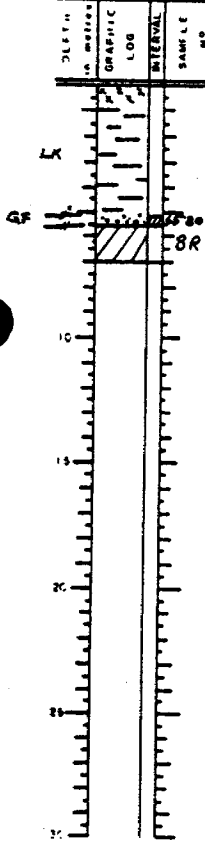


REVERSE CIRCULATION DRILL HOLE LOG

BIT NO 084644 BIT Meterage 0 + 7.0m Page 1 of 1

HOLE NO QT-85-045 LOCATION CURRIE Twp L7W 8+205 Grid* MOVE TO HOLE 2:05-2:15pm
 DATE MAY 14 1985 GEOLOGIST R. GADZALA DRILLER R. FOURNEL DRILL 2:15-3:35pm
 DEPTH of HOLE 7.0m DEPTH of OVERBURDEN 5.6m ELEVATION _____ (MSL) MECHANICAL DOWN TIME NIL
 (23.0ft) (18.5ft) DRILLING PROBLEMS NIL
 OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG											HEAVY MINERAL CONCENTRATE ANALYSIS													
				DESCRIPTION	Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm															
		0 - .6m		ORGANICS																								
		0.6 - 5.2m		LACUSTRINE BROWN CLAY, LOW COMPACTION																								
		5.2 - 5.6m		GLACIOFLUVIAL HIGH (COARSE) GRAVEL, LOW TO MEDIUM (FINE) GRAVEL LOW (FINE) SAND, 60% CLASTS, MEDIUM TO HIGH COMPACTION, PARTIAL MIXING IN OF BEDROCK CHIPS AT 5.4m	6580	52-5.6																						
		5.6 - 7.0m		BEDROCK																								
		7.0m		E.O.H. (23.0ft)																								



REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO. RT85-045 LOCATION CORRIE, LOUW, 600 S Grid #1
 DATE May 14 1985 GEOLOGIST HART DRILLER R. FURNEL
 DEPTH of HOLE 15.8 m DEPTH of OVERBURDEN 14.3 m ELEVATION _____ (MSL)

BIT NO. C66164 BIT meterage _____

MOVE to HOLE P-90-851

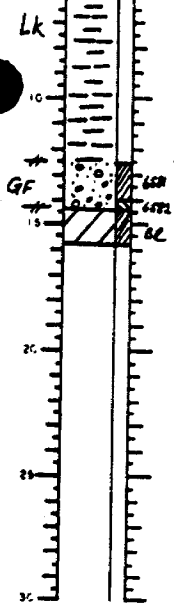
DRILL 8:55 - 4:40

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS													
					Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm					
0 - 0.6				ORGANICS														
0.6 - 12.6				LACUSTRINE 0.6 - 2.4 m: brown, oxidized clay, low compaction 2.4 - 12.6 m: grey, clay, low compaction														
12.6 - 14.3				GLACIOFLUVIAL 12.6 - 12.8: medium sand, medium gravel, 70% dark coloured chips 12.8 - 14.3: crudely stratified, ranging from ls to medium sand, high to medium gravel, 80 - 90% dark chips														
14.3 - 15.8				BEDROCK														
15.8				E.O.H.														
					6581	12.6-12.8												
					6582	14.3-15.8												
					RR.	14.3-15.8												



REVERSE CIRCULATION DRILL HOLE LOG

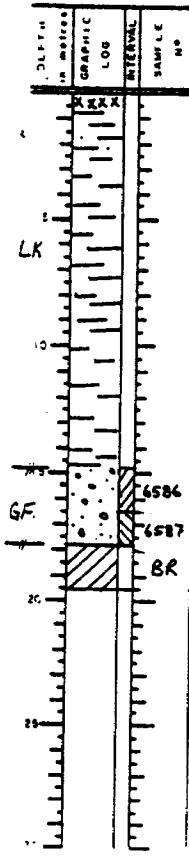
BIT NO. C866694 BIT METERAGE 22.6 to 59.1m

Page 1 of 1

HOLE NO. QT-85-048 LOCATION CURRIE TWP. Lot 200 20005 Grid 4
 DATE MAY 15 1985 GEOLOGIST R. GAZZALA DRILLER R. FURNELL
 DEPTH OF HOLE 19.5m (64.0 ft) DEPTH OF OVERBURDEN 17.8m (58.5 ft) ELEVATION _____ (MSL)

MOVE TO HOLE 11:25 - 11:30 am
 DRILL 11:30 am to 1:40 pm
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS												
					Sample Number	Sample Interval	Au ppm	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm				
0-0.6				ORGANICS													
0.6-14.9				LACUSTRINE 0.6-2.1 LIGHT BROWN CLAY, MINOR (FINE) SAND 2.1-14.9 GREY-TAN GREY VARVED CLAY, LOW COMPACTION													
14.9-17.8				GLACIOFLUVIAL HIGH (FINE TO MEDIUM) SAND, MEDIUM (FINE) GRAVEL, 50% DARKS, MINOR (FINE) SAND ONLY INTERBEDS, LOCALLY UP TO 80-90% DARK (FINE) GRAVEL 16.5-17.1 HIGH (COARSE) GRAVEL (80% DARKS), LOW (COARSE) SAND 17.1-17.4 (FINE) SAND 17.7-17.8 MEDIUM (MEDIUM) SAND, MEDIUM (COARSE) GRAVEL	6586	14.9-16.5											
17.8-19.5				BEDROCK	6587	16.5-17.8											
19.5				E.O.H. (64.0 ft)													



REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO. QT-85-049 LOCATION CURRIE TWP. 840000 Grid #1
 DATE MAY 15 1985 GEOLOGIST R. GADZALA DRILLER R. FURNEL
 DEPTH OF HOLE 13.4m DEPTH OF OVERBURDEN 12.0m ELEVATION _____ (MSL)
 (44.0 Ft) (39.5 Ft)

BIT NO. 686635 BIT METERAGE 0 TO 13.4m

MOVE TO HOLE 1:40 - 1:50 PM

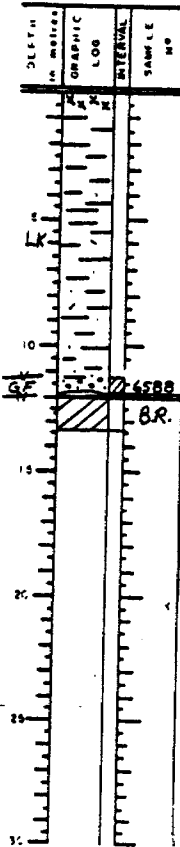
DRILL 1:50 - 3:30 PM

MECHANICAL DOWN TIME NIL

DRILLING PROBLEMS NIL

OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS												
					Sample Number	Sample Interval	Au DDB	Ni DDM	Cu DDM	Zn DDM	Ag DDM	Pb DDM	As DDM				
0 - 0.6				ORGANICS + BROWN CLAY													
0.6 - 11.3				LACUSTRINE 0.6 - 3.6 BROWN CLAY 3.6 - 11' GREY + LIGHT TAN GREY VARVED CLAY, TRACE (FINE) SAND + SILT.													
11.3 - 12.0				GLACIOFLUVIAL HIGH (MEDIUM) SAND, MEDIUM (MEDIUM TO COARSE) GRAVEL, 80% DARKS.	6588	11.3 - 11.9											
N.S.				11.9 - 12 BOUNDER - DARK GREEN COLOUR, MINOR (FINE) SAND + (FINE) GRAVEL MIXED WITH CHIPS, N.S.													
				12.0 - 13.4m BEDROCK													
				13.4m E.O.H. (44.0 Ft)													



REVERSE CIRCULATION DRILL HOLE LOG

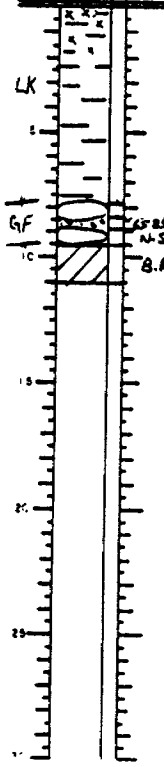
BIT NO. 66635 BIT METERS 13.4 to 29.4m

Page 1 of 1

HOLE NO. QT-85-050 LOCATION CURRIE TWP 4000 400N 6th
 DATE MAY 15/16 1985 GEOLOGIST P. GADZALA DRILLER R. FROEYER
 DEPTH of HOLE 11.0m DEPTH of OVERBURDEN 9.4m ELEVATION _____ (MSL)
 (36.0ft) (31.0ft)

MOVE TO HOLE 3:35 - 3:45 PM
 DRILL 3:45 - 4:45 PM MAY 15 // MAY 16 8:30 - 8:50 AM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS														
				Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm						
0 - 1.8m			ORGANICS + BROWN CLAY															
1.8 - 7.9m			LACUSTRINE															
			1.8 - 2.7 GREY CLAY															
			2.7 - 3.6 BROWN GREY CLAY															
			3.6 - 7.9 GREY + TAN GREY CLAY, VARIED, MINOR GRITS AT 5.8 + 6.7m															
7.9 - 9.4m			GLACIOFLUVIAL															
			7.9 - 8.4 BOULDER - GREENISH GREY COLOR, ± 2% PYLITE															
			8.4 - 8.8 MEDIUM (FINE TO MEDIUM) GRAVEL, LOW (FINE) SAND, RARE CLAYBALLS	6589	8.4 - 8.8													
			8.8 - 9.4 BOULDER - INTENSIVE WHITISH PINK GREEN COLOR															
9.4 - 11.0m			BEDROCK															
11.0m			E.O.H. (36.0ft)															



REVERSE CIRCULATION DRILL HOLE LOG

BIT NO 86635 BIT meterage 24.4 - 45.7m Page 1 of 1

HOLE NO QT85-051 LOCATION CURRIE-BOWMAN L 00 W, 6 100 N, 6 10 11 E
 DATE MAY 16 19 85 GEOLOGIST Woods DRILLER FOURNEL
 DEPTH of HOLE 21.3m (70 ft) DEPTH of OVERBURDEN 19.8m (65 ft) ELEVATION _____ (MSL)

MOVE TO HOLE 8:50 - 9:05

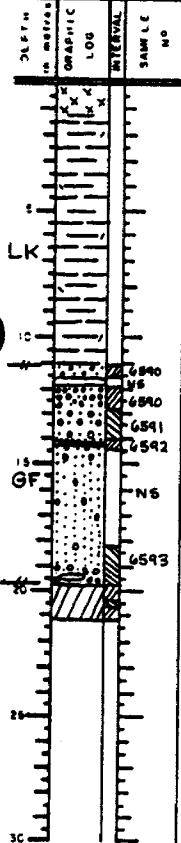
DRILL 9:05 - 11:00

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

DEPTH in meters LOG	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS								
		Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	As ppm	Ag ppm	Pb ppm
0-12 m	No return									
12-11.1 m	LACUSTRINE Gray clay (minor silt), non-compact 12-4.0 m : Brown clay									
11.1-19.8 m	GLACIOFLUVIAL									
11.1-11.9 m	Medium (medium grained) sand, Medium (medium grained, 80% dark colored, 20% light colored) gravel	6590	11.1-11.6 m 11.4-12.8 m							
11.6-11.9 m	Mafic boulder									
11.9-12.8 m	High (medium to coarse grained, 70% dark, 30% light) gravel, low (medium) sand	6591	12.8-14.0 m							
12.8-14.0 m	Medium sand, Medium (80% dark, 20% light) gravel									
@ 14.0 m	Very high (medium) sand, low gravel									
14.0-14.4 m	Medium sand, medium gravel	6592	14.0-14.4 m							
14.1-14.3 m	Mafic boulder									
14.4-19.4 m	Very high (almost all) (very coarse grained) sand, very low (fine grained, 90% dark, 10% light) gravel	6593	18.3-19.5 m							
14.4-18.3	extremely low compaction, no return									
19.4-19.8 m	High (cobble, 70% dark, 30% light) gravel, very low sand									
19.5-19.6	mafic cobble									
19.8-21.3 m	BEDROCK	BR #1 (wr)	19.8-20.4 m							
		BR #2 (wr)	20.4-20.6 m							
		BR #3 (wr)	20.6-21.3 m							
21.3 m	ECH (70 ft)									

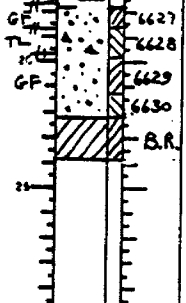


REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO DT-85-059 LOCATION BOWMAN Twp L9E 4-00N
 DATE MAY 21 1985 GEOLOGIST R. GARZA DRILLER R. FOWLER
 DEPTH of HOLE 23.8m (78.0ft) DEPTH of OVERBURDEN 2.1m (7.25ft) ELEVATION _____ (MSL)

BIT NO 102218 BIT diameter Ø to 23.8m
 MOVE TO HOLE 8:30 - 8:45 AM
 DRILL 8:45 - 10:35 AM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS													
					Sample Number	Sample Interval (m)	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm					
0 - .6m				ORGANICS														
0.6 - 17.7m				LACUSTRINE - GREY CLAY, LOW COMPACTION 10.1-17.7 - VARIED GREY CLAY WITH TAN GREY CLAY														
17.7 - 18.6m				GLACIOFLUVIAL MEDIUM (MEDIUM TO COARSE) SAND, MEDIUM GRAVEL, 80-90% DARK COLOURED GRAVEL	6627	17.7-18.6												
18.6 - 19.7m				LODGE MENT TILL GREEN COLOURED, HIGH COMPACTION, HIGH (FINE TO MED.) SAND, 45% CLASTS OF WHICH 80-90% ARE GREEN & GREY	6628	18.6-19.7												
19.2 - 19.5				SULPHIDES IN LIGHT GREENISH GREY CLASTS MATRIX INCREASE AND CLAST CONTENT REDUCED TO COMPACTION MOD. TO HIGH, 1-3% CARBONATES														
19.5 - 19.7				DARK CLAST CONTENT INCREASE ALONG WITH MORE LIGHT CLASTS BEING GRANITOID														
19.7 - 22.1m				GLACIOFLUVIAL MEDIUM (COARSE) SAND, MEDIUM TO HIGH (FINE TO MED.) GRAVEL, 50% LIGHT & 50% DARK GRAVEL, SULPHIDES IN LIGHT GREENISH GREY GRAVEL	6629	19.7-22.1												
21.3 - 22.1				DARK GREEN GRAVEL CONTENT INCREASE TO 80-90% GRAVEL PREDOMINANTLY 1 ROCK TYPE (PHYLIC APPEARANCE) FINE PYRITE IN SAND AND GRAVEL FRACTIONS	6630	21.3-22.1												
22.1 - 23.8m				BEDROCK	8 Rcd													
23.8m				EO.H. (78.0ft)														



REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO QT-85-060 LOCATION BOWMANVILLE 400N
 DATE MAY 21 1985 GEOLOGIST R. GAZDAR DRILLER R. FOURNEL
 DEPTH of HOLE 35.4m (116.0 ft) DEPTH of OVERBURDEN 33.7m (110.5 ft) ELEVATION _____ (MSL)

BIT NO 4922018 BIT meters 23.8 to 62.2m
 MOVE TO HOLE 11:35 - 11:45 AM
 DRILL 11:45 AM - 2:15 PM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER CHANGE WATER SWIRL 2:10 - 2:15 PM

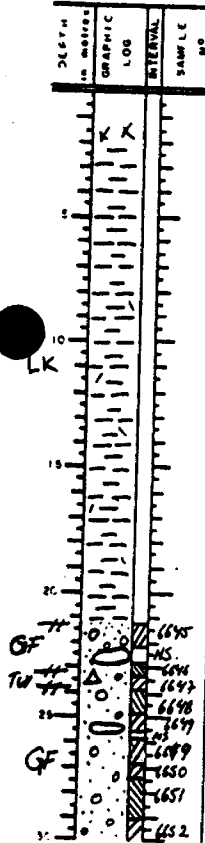
DEPTH IN METERS	GRAPHIC LOG	INTERVAL SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS														
				Sample Number	Sample Interval (m)	Au ppm	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm						
0-1.3			NO RETURN															
1.3-14.6			LACUSTRINE															
1.3-1.8			ORGANIC + GREY CLAY															
1.8-3.0			GREY CLAY															
3.0-7.9			BROWN GREY CLAY WITH MINOR SILT AND TRACE FINE SAND															
7.9-14.6			BROWN GREY AND TAN GREY CLAY, VARIED, MINOR SILT, BROWN INCREASE IN AMOUNT OF TAN GREY CLAY AND COLOUR CHANGE FROM BROWN GREY CLAY TO ONLY GREY CLAY															
14.6-15.5			GLACIOFLUVIAL															
			HIGH GRAVEL, MEDIUM (MED. FINE) SAND, GRAVEL IS 60% TO 70% DARK INCREASING TO ± 80% AT 15.2 TO 15.5 m, TRACE JASPER.	6631	14.6-15.2													
15.5-16.5			LODGE MENT TILL															
			GREY GREEN COLOUR, HIGH COMPACTION, HIGH (BROWN GREY) SAND, 60-70% CLASTS (GREY+GREEN) 5-10% LMST.	6632	15.2-16.0													
			15.7-16.0 GLACIOFLUVIAL INTERBED, HIGH GRAVEL, LOW SAND 70-80% BROWN GREY COLOURED GRAVEL	6633	16.0-16.8													
16.5-33.7			GLACIOFLUVIAL															
			16.5-17.1 FINE TO MEDIUM SAND ONLY															
			17.1-17.7 HIGH (MED. COARSE) SAND, LOW GRAVEL	6634	17.1-18.3													
			17.7-18.0 MEDIUM TO HIGH GRAVEL, MEDIUM (TAN COLOURED) SAND, GRAVEL 70-80% GREEN+GREY COLOURED	6635	18.3-20.1													
			18.0-19.8 HIGH (MEDIUM) SAND (TAN COLOURED), LOW GRAVEL, SOME (2-5%) SULFIDE GRAVEL	6636	20.1-22.2													

6640
CR

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO. QT85-061 LOCATION CURRIE-BOWMAN
 DATE May 21/22 1985 GEOLOGIST R.E.G./HAE DRILLER R. FOURNEL
 DEPTH of HOLE 35.4m DEPTH of OVERBURDEN 3.8m ELEVATION _____ (MSL)

BIT NO. A000018 BIT meterage 62.2-97.6m Page 1 of 2
 MOVE to HOLE 2:35-2:40
 DRILL 2:45-4:35 (May 21), 8:55-11:50 (May 22)
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____



DESCRIPTIVE LOG

0 - 2.4 m: Organic + No Return

2.4 - 21.3 m: LACUSTRINE
 2.4 - 8.5 m: grey, uncompact, high clay
 8.5 - 21.3 m: varved, grey and brown, uncompact high clay, minor silt

21.3 - 23.2 m: GLACIOFLUVIAL
 - crudely stratified, ranges from; high to medium (medium to fine) sand, low to medium gravel, locally cobbly, 60% dark pebbles
 22.2 - 22.7 m: green boulder

23.2 - 23.8 m: WATERLAIN TILL
 - grey/green, high compaction, high (fine) sand, very low silt, 50% clasts, 60% dark

23.8 - 32.8 m: GLACIOFLUVIAL
 - crudely stratified

23.8 - 25.4 m: medium (medium to coarse) sand, medium to high (medium) gravel, 50% dark pebbles

25.4 - 25.6 m: dark green boulder (diabase?)

25.6 - 27.7 m: medium to high (medium to coarse) sand, medium (medium) gravel, 50% dark pebbles

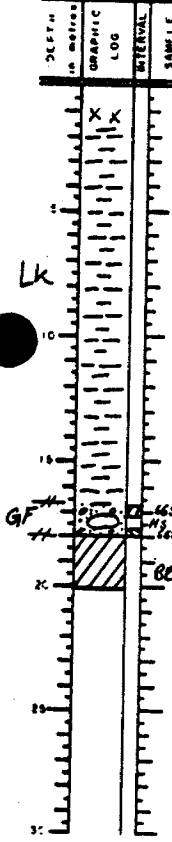
HEAVY MINERAL CONCENTRATE ANALYSIS		Au	Ni	Cu	Zn	Ag	Pb	As
Sample Number	Sample Interval	ppb	ppm	ppm	ppm	ppm	ppm	ppm
6645	213-222m							
6646	222-232m							
6647	232-238m							
6648	238-244m							
6649	244-256m							
6650	256-274m							
6651	274-280m							

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO. GTBS-062 LOCATION CURRIE-BOWMAN
 DATE May 22 1985 GEOLOGIST HART DRILLER R. FOURNIE
 DEPTH of HOLE 20.1 m DEPTH of OVERBURDEN 18.0 m ELEVATION _____ (MSL)

BIT NO. Accord 14 BIT METERS 0-20.1 m Page 1 of 1
 MOVE TO HOLE 11:50-12:05
 DRILL 12:05-1:35
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____

	DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS								
						Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm
	0	X	0-1.8m		No RETURN + ORGANICS									
	1.8	X	1.8-16.8m		LACUSTRINE									
	5				1.8-10.7m: grey, uncompact, high clay									
	10				10.7-16.8m: Varved, grey alternating with grey brown, high clay, minor silt.									
	15		16.8-18.0m		GLACIOFLUVIAL									
	20				medium (medium to fine) sand, medium (medium) gravel, 60-70% dark pebbles									
					17.1-17.8m: light green boulder									
					17.8-18.0m: low sand, medium to high gravel, 80% green / pink / white chips	6656	17.1-17.8m							
						6657	17.8-18.0m							
						6658 (ue)	18.0-20.1m							
			18.0-20.1m		RFDRUCK									
			20.1m (66.0ft)		E.O.H.									

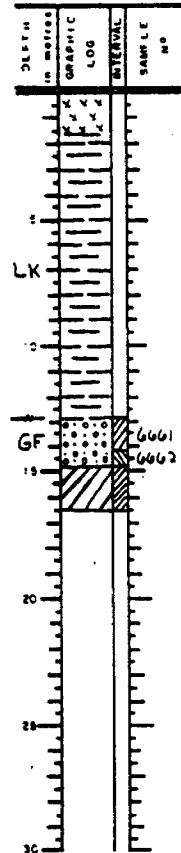


REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO QT85-065 LOCATION CURRIE-BOWMAN
 DATE MAY 23 1985 GEOLOGIST WOODS DRILLER FOURNEL
 DEPTH of HOLE 16.5m (54.0ft) DEPTH of OVERBURDEN 4.8m (15.5ft) ELEVATION _____ (MSL)

BIT NO B000214 BIT Meterage 13.9 - 70.4 m
 MOVE to HOLE 10:00 - 10:05
 DRILL 10:05 - 1:00
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____

DEPTH IN METERS GRAPHIC LOG	INTERVAL SAMPLE NO	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS															
			Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	As ppm	Ag ppm	Pb ppm							
0-1.5 m		Organics																
1.5-12.8 m		LACUSTRINE Gray clay, non-compact 1.5-4.9 m: Brown, minor silt																
12.8-14.8 m		GLACIOFLUVIAL Medium (medium to coarse grained, 80% dark, 20% light) gravel, Medium (fine to medium grained) sand Stratified; varies to high gravel, low sand and to high sand, low gravel	6661	12.8-14.3m														
13.9-14.8 m		Gravel 60% dark, 40% light, less variety of lithologies (predominantly light green granitic, dark green volcanic clasts)	6662	14.3-14.8m														
14.8-16.5 m		BEDROCK	BR (Wt)	14.8-16.5m														
16.5 m		E.O.H. (54.0 ft.)																



REVERSE CIRCULATION DRILL HOLE LOG

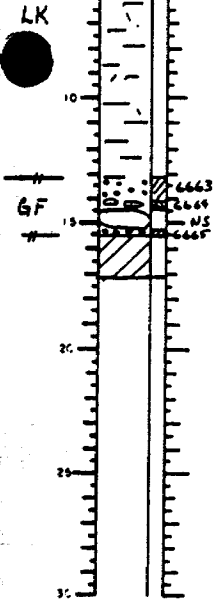
HOLE NO QT-85-066 LOCATION CURRIE TWP. BL 0406 L2W
 DATE MAY 23 + 24 1985 GEOLOGIST WOOD / GARZANO DRILLER R. Fournel
 DEPTH of HOLE 17.1m DEPTH of OVERBURDEN 15.5m ELEVATION _____ (MSL)
 (56 ft) (51 ft)

BIT NO 0200015 BIT Meterage 0 - 17.1
 MOVE TO HOLE 1:00 To 2:30 PM
 DRILL 2:30 - 4:30 PM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER 1:05 - 2:25 PM LEAKY WATER CASTING AIRWELL.

DESCRIPTIVE LOG

HEAVY MINERAL CONCENTRATE ANALYSIS

DEPTH in meters GRAPHIC LOG	INTERVAL	SAMPLE NO	HEAVY MINERAL CONCENTRATE ANALYSIS																
			Sample Number	Sample Interval (m)	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm								
	0 - 0.6 m																		
	0.6 - 0.9 m																		
	0.9 - 13.1 m																		
	13.1 - 15.5 m																		
	14.2 - 14.3		6663	13.1-14.3															
	14.3 - 14.5		6664	14.3-14.5															
	15.1 - 15.5		6665	15.1-15.5															
	15.5 - 17.1 m																		
	17.1 m (56 ft)																		



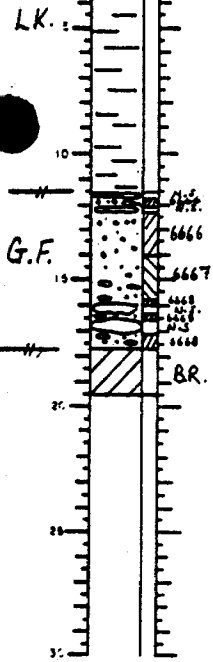
0 - 0.6 m No RETURN
 0.6 - 0.9 m ORGANICS
 0.9 - 13.1 m LACUSTRINE
 GRAY CLAY (WITH SILT), NON-COMPACT, FIRST 2.1m WAS A BROWN CLAY
 13.1 - 15.5 m GLACIOFLUVIAL
 HIGH (MED.-COARSE) SAND, LOW TO MEDIUM (MEDIUM GRAINED 85% DARK) GRAVEL.
 14.0m POOR RETURN
 14.2 - 14.3 HIGH (ALMOST 100% MEDIUM TO COARSE GRAINED 50% DARK) GRAVEL, MAINLY OLIVE GREEN GRANITICS AND DARK MAFIC CLAYS
 14.3 - 14.5 COBBLES ONLY, 85% LIGHT GREEN OR GRANITIC (SIDE OF BOULDER?)
 14.5 - 15.1 BOULDER - LIGHT GREEN, GRANITIC CHIPS, (<5% FOREIGN MATERIAL), SULPHIDES AT 14.9 m
 15.1 - 15.5 VERY HIGH (MED.-COARSE) SAND, LOW (70% LIGHT, MEDIUM GRAINED) GRAVEL
 15.5 - 17.1 m BEDROCK
 17.1 m (56 ft) E.O.H.

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO QT-85-067 LOCATION CURRIE TWP. BL 0+00 L4W
 DATE MAY 24 1985 GEOLOGIST R. GAZZANI DRILLER R. FOWNELE
 DEPTH OF HOLE 19.5m DEPTH OF OVERBURDEN 17.7m ELEVATION _____ (MSL)
 (64 FT) (58 FT)

BIT NO 60001C BIT meters 17.1 to 36.6
 MOVE TO HOLE 9:10 - 9:30 AM
 DRILL 9:45 AM - 1:35 PM
 MECHANICAL DOWN TIME ATTENDED TO CHANGE BEARINGS 9:30 - 9:45 AM
 DRILLING PROBLEMS MINOR LOSS OF R.P. : PULL RODS & CLEAN UP HOLE
 OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS													
					Sample Number	Sample Interval (m)	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm					
0 - 0.6				ORGANICS														
0.6 - 11.6				LACUSTRINE														
				0.6 - 4.3 BROWN CLAY														
				4.3 - 7.9 GREY CLAY														
				7.9 - 11.6 GREY + TANGREY VARVED CLAY														
				} LOW COMPACTION														
11.6 - 17.7				GLACIOFLUVIAL														
				11.6 - 11.9 BOULDER - REDDISH PINK GRANITOID. N.S.														
				11.9 NO RETURN, RODS PULLED, CLEANED + RE-ENTER HOLE.														
				11.9 - 12.3 Low (MEDIUM) SAND, MEDIUM GRAVEL + COBBLES (GREY AND GREEN COLOR), TRACE PYRITE.														
				12.3 - 12.5 BOULDER - GREY GREEN COLOR N.S.														
				12.5 - 17.7 HIGH GRAVEL (95% FINE GRAVEL FROM 12.5 TO 17.7)	6666	11.9 - 12.3												
				LOW (COARSE) SAND, 70% DARKS, COBBLY STRATIFIED														
				14.3 - 15.2 GRAVEL NOW 60% (INTENSIVE) LIGHTS														
				14.6 - 14.9 COBBLES WITH LOW (MED.-COARSE) SAND														
				15.2 - 15.8 MEDIUM GRAVEL 60% DARKS, LOW (MED.-COARSE)														
				SAND, GREEN COBBLES ARE A PART OF THE GRAVEL	6667	15.0 - 15.2												
				15.8 - 16.0 MEDIUM TO HIGH GRAVEL, COBBLY, LOW (MED.-COARSE) SAND														
				16.0 - 16.3 BOULDER - WHITE, PINK, BLACK INTENSIVE, N.S.														
				16.3 - 16.5 MEDIUM TO HIGH (70-80% DARK) GRAVEL, LOW (MED.-COARSE SAND, COBBLY														
				16.5 - 17.1 BOULDER - INTERMEDIATE GREEN N.S.														
				17.1 - 17.2 HIGH GRAVEL, LOW (MED.-COARSE) SAND, 80-90% DARKS WITH INTENSIVE COBBLES	6668	15.2 - 17.7												
				17.2 - 17.4 BOULDER - WHITE, PINK, BLACK INTENSIVE N.S.														
				17.4 - 17.7 MEDIUM TO HIGH (MED.-COARSE) GRAVEL + COBBLES														
				LOW (COARSE) SAND 80-90% DARKS														



REVERSE CIRCULATION DRILL HOLE LOG

BIT NO. C66886 BIT meterage 0 to 17.1m

Page 1 of 2

HOLE NO. QT-85-068 LOCATION CURRIE TWP 84000 L6W
 DATE MAY 24/85 GEOLOGIST GAZZALA/HART DRILLER R. FOUNCE
 DEPTH of HOLE 17.1m DEPTH of OVERBURDEN 15.7m ELEVATION _____ (MSL)
 (56.5 ft) (51.5 ft)

MOVE to HOLE 1:45 - 2:00 PM
 DRILL 2:05 - 4:35 PM MAY 24/85 // MAY 25/85 8:20 - 9:15
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS NIL
 OTHER NIL

DEPTH in meters GRAPHIC LOG	INTERNAL SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS																
			Sample Number	Sample Interval (m)	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm								
0-0.6		ORGANICS																	
0.6-4.7		LACUSTRINE BROWN CLAY + 4.6m RUSTY BROWN CLAY WITH SOME GRITS																	
4.7-8.2		GLACIOFLUVIAL HIGH (FINE TO MEDIUM TAN COLORED) SAND, MEDIUM (50% DARK) GRAVEL																	
4.9-5.2		BOWDER - YELLOWISH PINK INTENSIVE N.S.																	
5.2-5.6		HIGH (MEDIUM, TAN COLOURED) SAND, LOW TO MEDIUM GRAVEL, 90% INTRUSIVE LIGHTS	6669	4.7-6.1															
5.6-5.9		HIGH (MEDIUM, TAN+GREEN) SAND, MEDIUM GRAVEL 70% DARKS	6670	6.1-7.9															
5.9-6.2		HIGH (MEDIUM, TAN COLOURED) SAND, LOW 60% DARK GRAVEL																	
6.2-6.5		HIGH (MEDIUM, TAN+GREEN COLOURED) SAND, LOW 70% DARK GRAVEL																	
6.5-8.2		HIGH (MEDIUM, TAN COLOURED) SAND, LOW (FINE) SAND LOW 50% DARK GRAVEL + COBBLES, SOME GRAVEL HAS SURFACE OXIDATION EVIDENT.																	
8.2-12.6		ABLATION TILL MEDIUM (FINE TO MEDIUM, TAN COLOURED) SAND, 40-50% CLASTS CLAST ARE 70-80% LIGHTS, VERY LOW SILT, CUTANS (i.e. MATRIX STUCK TO CLASTS), LOW COMPACTION																	
10.1-10.2		BOWDER - INTERMEDIATE GREEN (INCLUDED IN SAND)	6671	7.9-8.5															
10.2-11.6		HIGH (MEDIUM, TAN COLOURED) SAND, 20-30% (70% DARK) CLASTS, CUTANS	6672	8.5-10.9															
			6673	10.9-12.3															

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REVERSE CIRCULATION DRILL HOLE LOG

MOLE NO GTBS-069 LOCATION Curtis-Bowman, Bl-7+40w
 DATE MAY 25 1985 GEOLOGIST HART DRILLER P. FOURNEL
 DEPTH OF HOLE 17.4m DEPTH OF OVERBURDEN 15.8m ELEVATION _____ (MSL)

BIT NO CALCBBK BIT METERS 12.2-38.6

MOVE TO HOLE 9:25-9:35

DRILL 9:35-11:50

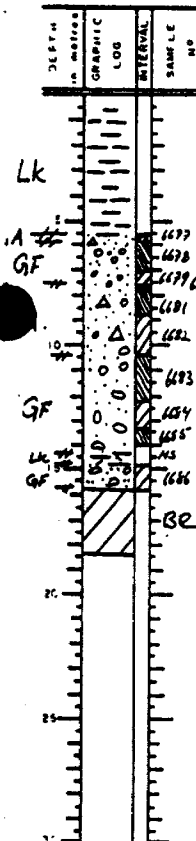
MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER 11:50

DESCRIPTIVE LOG

HEAVY MINERAL CONCENTRATE ANALYSIS



0-0.4m: NO RETURN

0.4-5.5m: LACUSTRINE
 0.4-4m: brown, low compaction, high clay
 4.6-5.5m: grey, low compaction, high clay (varved?)

5.5-5.8m: ABLATION TILL
 - high sand, low silt, very low clay, grey/brown,
 < 15% clasts

5.8-7.6m: GLACIOFLUVIAL
 5.8-6.4m: high gravel, very low sand, 90% dark pebbles
 6.4-7.6m: medium (medium to coarse) gravel, medium (fine to medium) sand, 60-70% dark pebbles, cobbly

7.6-10.4m: ABLATION TILL
 - grey/brown, low to medium compaction, high sand, medium silt, 60% clasts, 90% dark

8.5-8.8m: sandy cobbly layer

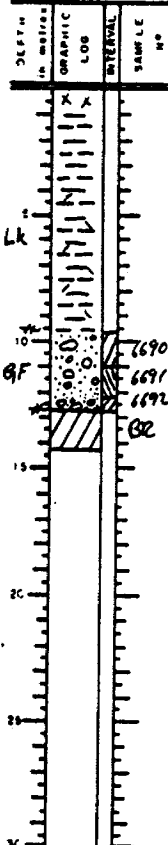
Sample Number	Sample Interval	Au ppm	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm
6677	5.5-5.8m							
6678	5.8-7.0m							
6679	7.0-7.1m							
6680								
6681	7.6-8.1m							
6682	8.8-10.4m							
6683	10.4-12.2m							
6684	12.2-13.3m							
6685	13.3-14.0m							
6686	14.0-17.2m							
BR(we)	15.7-17.2m							

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO QT 85-072 LOCATION Curie-Bowman, L6W, 4905
 DATE May 25 27 1985 GEOLOGIST HART/UMOS DRILLER R. FOURNEL
 DEPTH OF HOLE 14.3m DEPTH OF OVERBURDEN 12.7m ELEVATION _____ (MSL)

BIT NO 66966 BIT METERS _____
 MOVE TO HOLE 2:25 - 3:20 (MAY 27); 8:40 - 9:05 (MAY 27)
 DRILL 2:20 - 4:20 (MAY 27); 9:05 - 10:00 (MAY 27)
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____

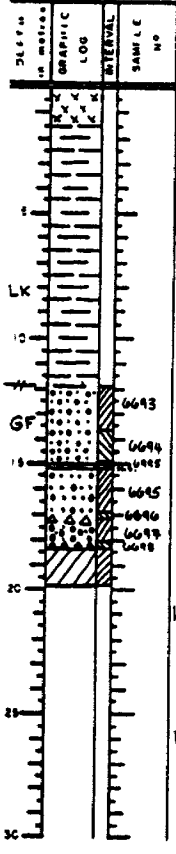
DEPTH IN METERS	GRAPHIC LOG	INTERVAL SAMPLE NO	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS								
				Sample Number	Sample Interval	As ppm	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm
0			0 - 9.6m : LACUSTRINE 0 - 1.8m : organics and brown, uncompact, clay 1.8 - 3.6m : brown, oxidized, low compaction, high clay 3.6 - 9.6m : grey, varved, low compaction, high clay; brown varves : medium silt, medium clay									
9.6			9.6 - 12.7m : GLACIOFLUVIAL 9.6 - 10.4m : high (fine to medium) sand, medium (medium to fine) gravel, 40-50% dark 10.4 - 10.8m : medium sand, medium gravel, 60-70% dark 10.8 - 11.9m : high (fine to medium) sand, low to medium (fine) gravel, cobbly 11.9 - 12.5m : very high (fine) sand, poor return 12.5 - 12.7m : low sand, high (medium to coarse) gravel 50-60% dark	6690	9.6-11.0m							
				6691	11.0-12.2m							
				6692	12.2-12.7m							
				6692	12.7-12.7m							
12.7			12.7 - 14.3m : BEDROCK									



REVERSE CIRCULATION DRILL HOLE LOG

CR6666 678-828 m Page 1 of 2
 BIT NO. old bit BIT meterage 0-4.9 m
 MOVE to HOLE 10:00-10:10
 DRILL 10:10-12:30
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER REPLACE BIT AT 14.9 m (10:45-10:50) WITH A USA 6

HOLE NO QT85-073 LOCATION CURRIE-BOWMAN
 DATE MAY 27 1985 GEOLOGIST WOODS DRILLER FAHRENH
 DEPTH of HOLE 19.8m (650ft) DEPTH of OVERBURDEN 18.1m (59.5ft) ELEVATION _____ (MSL)



DESCRIPTIVE LOG

0-1.3 m : No return

1.3-11.9 m : **LACUSTRINE**
 Gray clay, non-compact
 1.3-2.4 m : Brown
 9.1-11.9 m : Varved

11.9-16.8 m : **GLACIOFLUVIAL**
 Medium to high (fine-medium grained) sand, Medium (medium-coarse 80% dark, 20% light) gravel
 Stratified; varies to low sand, high gravel and to high sand, low gravel

14.3-14.9 m : Clast lithologies less varied; predominantly granitic, dark mafic, green volcanic
 Cobble layer

15.0-15.2 m : Light medium green boulder

15.2-16.8 m : Very high (fine-medium grained) sand, low (medium-coarse grained, 60% dark, 20% light colored) gravel

16.8-17.1 m : **ABLATION TILL**
 Gray, low to moderate compaction, high sand, medium silt, 3-15% clast content (65% dark colored, 35% light colored)

17.1-18.0 m : **GLACIOFLUVIAL**
 High (coarse grained, 85% dark, 15% light colored) gravel,
 Low (very coarse grained) sand

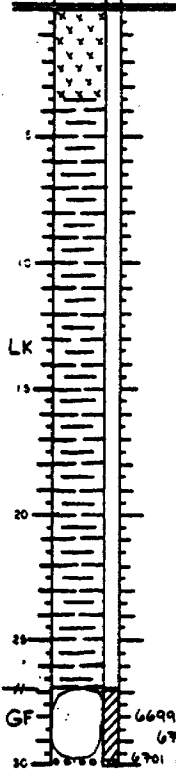
HEAVY MINERAL CONCENTRATE ANALYSIS		Au	Ni	Cu	Zn	As	Ag	Pb
Sample Number	Sample Interval	ppm	ppm	ppm	ppm	ppm	ppm	ppm
6693	11.9-13.7m							
6694	13.7-14.9m							
6695	14.9-16.8m							
6696	16.8-17.1m							
6697	17.1-18.0m							

REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO 0185-074 LOCATION CURRIE - BOWMAN
 DATE May 27 1985 GEOLOGIST WOODS DRILLER FOURNEL
 DEPTH OF HOLE 35.1m (115.0ft) DEPTH OF OVERBURDEN 33.2m (109.0ft) ELEVATION _____ (MSL)

BIT NO Hard bit BIT meterage 4.9-39.9 m
 MOVE TO HOLE 12:30-12:55
 DRILL 12:55-3:25
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS Moved To Next Hole 3:25-3:35 RAN OUT
 OTHER Good Bits - LEFT DRILLING EARLY (4:00)

DEPTH in meters	GRAPHIC LOG	INTERVAL	SAMPLE NO	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS													
					Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	As ppm	Ag ppm	Pb ppm					
0-3.3				No return														
2.7-3.3				Organics														
3.3-26.8				LACUSTRINE														
				Medium to dark gray clay (with minor silt), non-compact														
				17.1-26.8 m: Varved														
				24.4-26.8 m: Sand in the silt layers														
26.8-33.2				GLACIOFLUVIAL														
				Very high (coarse grained, cobbly, 95% dark, 5% light colored) gravel, very low (coarse grained) sand														
				26.8-29.9 m: Dark mafic boulder	6699	26.8-29.9m												
				30.0-30.2 m: White granitoid boulder	6701	29.9-30.0m												
				32.3-33.2 m: Dominant clasts dark green-black and some reddish-brown granitics	6702	30.2-31.8m												
				@ 32.9 m: clasts 50% qtz, 50% other (dark mafics, green volcanics)	6703	31.8m-33.2m												
33.2				BEDROCK	SR (wr)	33.2-35.1m												
35.1				E.O.H. (115.0 ft)														



REVERSE CIRCULATION DRILL HOLE LOG

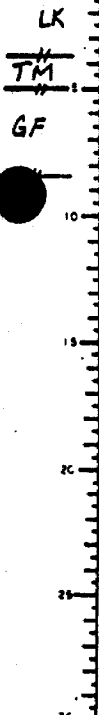
HOLE NO. QT-85-075A LOCATION BOWMAN TWP L5E 4+00 N
 DATE MAY 28, 1985 GEOLOGIST R. GADZALA DRILLER R. FOURNEL
 DEPTH OF HOLE 9.0 m DEPTH OF OVERBURDEN 8.9 m ELEVATION _____ (MSL)
 (29.5 ft) (27.5 ft) (ABANDONED AT 29.5 ft)

BIT NO. 6667000 BIT METERS 0 TO 9.0 m
 MOVE TO HOLE 3:25 - 3:55 PM MAY 28/85 // MAY 29/85 8:20 - 8:30 AM
 DRILL 3:35 - 3:45 // 9:05 - 12:05 PM
 MECHANICAL DOWN TIME NIL
 DRILLING PROBLEMS 3:35 - 3:45 NO BIT AVAILABLE - LEFT EARLY
 OTHER BIT DISINTEGRATED IN HOLE - CHANGE BIT & ABANDON HOLE AT 9.0 m

DESCRIPTIVE LOG

HEAVY MINERAL CONCENTRATE ANALYSIS

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS								
					Sample Number	Sample Interval	Au DDD	Ni DDM	Cu DDM	Zn DDM	Ag DDM	Pb DDM	As DDM
0				0 - 1.5m No RETURN									
1.5				1.5 - 1.8m ORGANICS									
1.8				1.8 - 3.6m LACUSTRINE VARIED TAN AND GRAY CLAY, TRACE (FINE) SAND									
3.6				3.6 - 4.9m MELT-OUT TILL HIGH (MEDIUM COARSE) SAND (TAN COLOURED), FIRST .1m HAD 20-30% CLASTS CHANGING TO 10-20% CLASTS, VERY LOW SILT, MEDIUM TO HIGH COMPACTION, GREY TAN COLOUR TO OVERALL COMPOSITION OF TILL (OXIDIZED?) BLACK (ARGILLITE?) COBBLES, CLASTS 80-90% INTERIORS	6704	3.6-4.9							
4.9				4.9 - 8.4m GLACIOFLUVIAL									
4.9 - 5.6				HIGH (FINE, MEDIUM, TAN COLOURED) SAND, LOW (80% DARK) GRAVEL	6705	4.9-5.6							
5.6 - 5.8				BOULDER - DARK GREEN (BASALT?) NYM N.S.									
5.8 - 6.1				HIGH (MEDIUM, COARSE) SAND, MEDIUM (FINE, 80-90% DARK GREEN + GRAY) GRAVEL, MINGLED (FINE, TAN COLOURED) SAND INTERSESS	6706	5.8-6.1							
6.1 - 6.7				BOULDER DARK GREEN, FINE GRAINED N.S.									
6.7 - 7.3				HIGH (FINE, MEDIUM, GREY BROWN COLOURED) SAND, MEDIUM GRAVEL + COBBLES, COBBLES PREDOMINATE i.e. 25% COBBLES 80-90% DARK									
7.3 - 7.8				MEDIUM (FINE, MEDIUM, BROWN COLOURED) SAND, MEDIUM GRAVEL									
7.8 - 7.9				BOULDER - DARK GREEN N.S.									
7.9 - 8.4				HIGH GRAVEL (80-90% COBBLES), LOW (FINE TO COARSE) SAND, DARK GREEN COLOUR	6707	7.9-8.4							

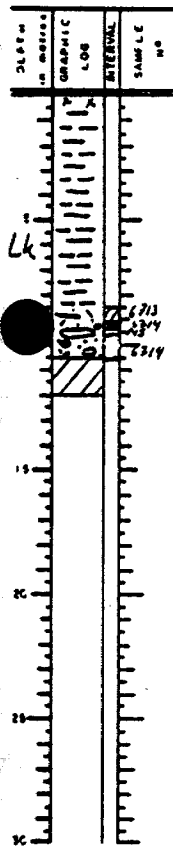


REVERSE CIRCULATION DRILL HOLE LOG

BIT NO 6462007 BIT ¹²⁰ meterage 0-12.0m Page 1 of 1
 MOVE TO HOLE 11:05 - 11:10; 10:50-12:00 replacing sub-bit
 DRILL 11:10 - 2:35
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____

HOLE NO Q185-076(B) LOCATION ROXMAN TWP (5m west of 076 A)
 DATE MAY 28 1985 GEOLOGIST HART DRILLER R. FOURNEL
 DEPTH of HOLE 12.0 m DEPTH of OVERBURDEN 10.5m ELEVATION _____ (MSL)

DEPTH IN METERS GRAPHIC LOG	INTERVAL SAMPLE NO	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS									
			Sample Number	Sample Interval	Au ppm	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	
0 - 0.3m		ORGANICS										
0.3 - 8.5m		LACUSTRINE										
0.3 - 2.3m		brown, uncompact, high clay										
2.3 - 4.6m		grey/brown										
4.6 - 7.6m		grey, uncompact, high clay										
7.6 - 8.5m		grey/brown, uncompact, high silt										
8.5 - 10.5m		GLACIOFLUVIAL										
8.5 - 9.3m		grey/brown, medium clay, medium silt Very low sand, <10% clasts 90% dark gradational between lacustrine and glaciofluvial										
9.3 - 9.6m		poor return high coarse gravel, low sand 70-80% dark										
9.6 - 9.6m		boulder; dark green/black										
9.6 - 10.5m		medium sand medium gravel										
10.5 - 12.0m		BEDROCK										
12.0m (39.5 ft)		E.O.H.										

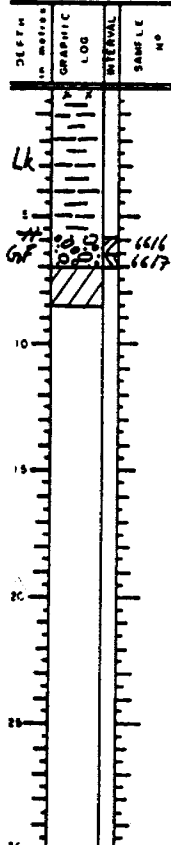


REVERSE CIRCULATION DRILL HOLE LOG

MOLE NO. QT85-077 LOCATION BONMAN
 DATE MAY 29/80 1980 GEOLOGIST MART DRILLER R. FOURNIE
 DEPTH OF HOLE 8.5m DEPTH OF OVERBURDEN 7.0 ELEVATION _____ (MSL)

BIT NO. 562002 BIT METERS 0-25
 MOVE TO HOLE 2125-250 // 8:45-8:55
 DRILL 2:60 - 4:35 // 8:55 - 1:120
 MECHANICAL DOWN TIME _____
 DRILLING PROBLEMS _____
 OTHER _____

DEPTH IN METERS	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS													
					Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm					
0				0-0.6 m ORGANICS														
0.6				0.6-5.9 m: LACUSTRINE														
0.6				0.6-4.1 m: grey/brown, uncompact, high clay														
4.1				4.1-5.9 m: grey, uncompact, high clay														
5.9				5.9-7.0 m: GLACIOFLUVIAL														
5.9				- low sand (fine), high coarse gravel, cobbly														
6.5				60% fine grained black green pebbles,														
6.5				20% pink white intrusives near top,														
6.5				occasional silt ball.														
6.5				6.5-6.7 m: <10% silt balls, grey/brown, 30-40%														
6.5				tan brown weathered clasts														
7.0				7.0-8.5 m: BEDROCK														
8.5				8.5 (28.0 ft.) E. O. H.														



REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO GT-85-079 LOCATION Bowman Twp. L8E 82000
 DATE MAY 30 1985 GEOLOGIST R. GADZALA DRILLER R. FOURNEL
 DEPTH OF HOLE 7.3m DEPTH OF OVERBURDEN 5.6m ELEVATION _____ (MSL)
(24.0 FT) (18.5 FT)

BIT NO C667014 BIT meterage 7.6 to 14.9m

MOVE TO HOLE 2:40 - 2:55 PM

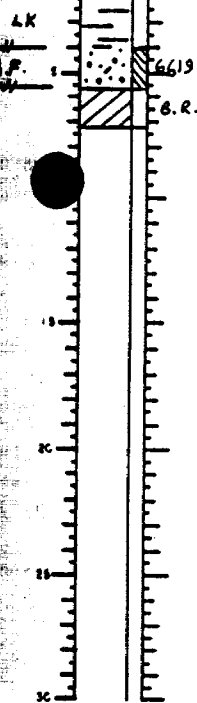
DRILL 2:55 - 4:20 PM

MECHANICAL DOWN TIME NIL

DRILLING PROBLEMS NIL

OTHER NIL

DEPTH IN METERS	GRAPHIC LOG	INTERVAL SAMPLE NO.	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS									
				Sample Number	Sample Interval (m)	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	
			0 - 0.6 m ORGANICS										
			0.6 - 4.0 m LACUSTRINE TAN BROWN CLAY, TRACE FINE SAND, OXIDIZED										
			4.0 - 5.6 m GLACIOFLUVIAL HIGH (FINE TO MEDIUM) SAND (TAN COLOURED), MEDIUM (FINE) GRAVEL (70% LIGHTS), LOW SILT/CLAY, MEDIUM COMPACTION	6619	4.0-5.6								
			5.6 - 7.3 m BEDROCK										
			7.3 m E.O.H. (24.0 FT)										



REVERSE CIRCULATION DRILL HOLE LOG

HOLE NO QTAS-080 LOCATION CURRIE-BOWMAN
 DATE MAY 31 1985 GEOLOGIST WOODS DRILLER FOURNEL
 DEPTH of HOLE 21.9m (72.0') DEPTH of OVERBURDEN 20.1m (66.0') ELEVATION _____ (MSL)

BIT NO CB67014 BIT meterage 14.9-36.9 m

MOVE to HOLE 8:45-9:15

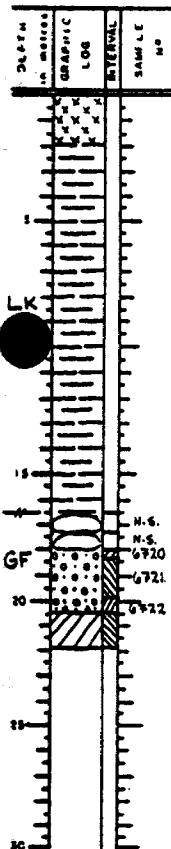
DRILL 9:15-11:50

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER 8:30-8:45 Water Fill-up, 11:45-11:50 New bit CB67015

DEPTH IN METERS	DEPTH IN FEET	LITHOLOGIC LOG	INTERVAL SAMPLE NO	DESCRIPTIVE LOG	HEAVY MINERAL CONCENTRATE ANALYSIS									
					Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	As ppm	Ag ppm	Pb ppm	
0	0			0-1.8m: Organics										
1.8	6			1.8-16.5 m: LACUSTRINE Gray clay (with minor silt), non-compact 7.3-16.5 m: Varved										
16.5	54			16.5-20.4 m: GLACIOFLUVIAL 16.5-17.4 m: Dark purple-black boulder, medium hard, pyrite grains visible in many chips, N.S. 17.4-18.0 m: Reddish-green, coarse grained boulder, pyrite grains noted in many chips, U.S. 18.0-20.4 m: Medium (medium to coarse grained) sand, Medium (coarse, cobbly, 95 % dark colored, 5 % light colored) gravel Clast lithologies dominantly green volcanic, dark mafic, some quartz Stratified; varies to very high sand, low gravel	G720	18.0-18.3m								
					G721	18.3-19.8m								
					G722	19.8-20.4m								
20.4	67			20.4 m: BEDROCK	BR (wr)	20.4-21.9m								
21.9	72			21.9 m: E.O.H. (72.0 ft.)										



REVERSE CIRCULATION DRILL HOLE LOG

BIT NO CG62015 BIT Meterage 326-95.7

HOLE NO QT85-084 LOCATION CURRIE-BOWMAN
 DATE MAY 11/JUNE 4 1985 GEOLOGIST Holt/Woods DRILLER R. Fournel
 DEPTH OF HOLE 21.9 m DEPTH OF OVERBURDEN 20.7 m ELEVATION _____ (MSL)

MOVE TO HOLE MAY 21/85; 4115-415; JUNE 1/85; 8150-8150

DRILL MAY 21/85; 4115-4145; JUNE 1/85; 8150-10155

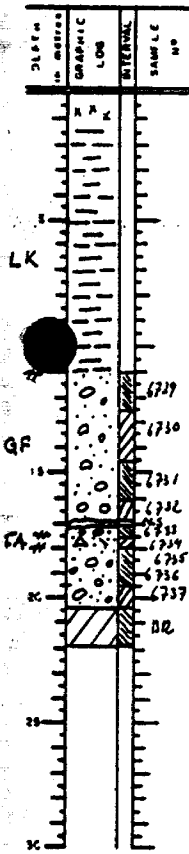
MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

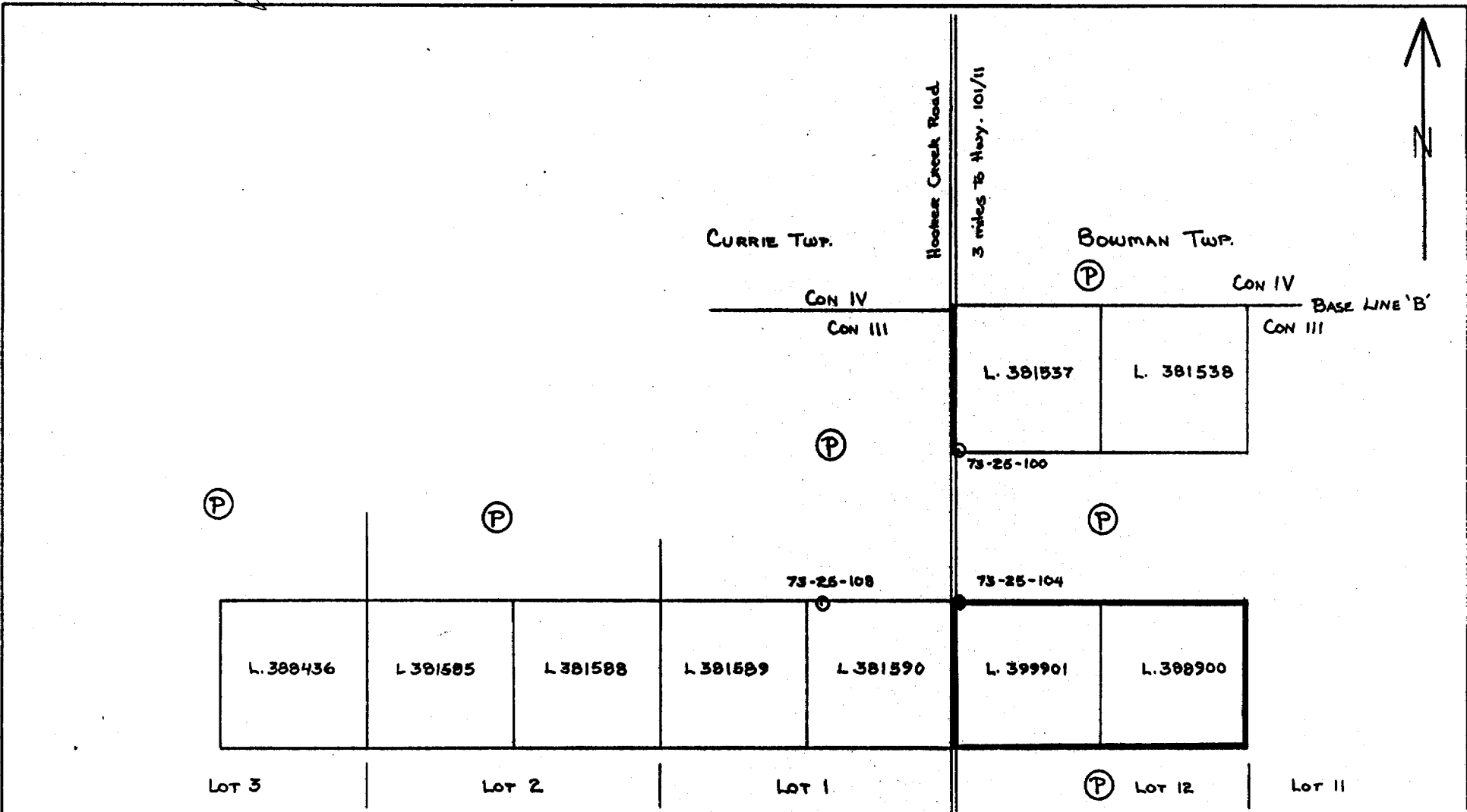
DESCRIPTIVE LOG

HEAVY MINERAL CONCENTRATE ANALYSIS

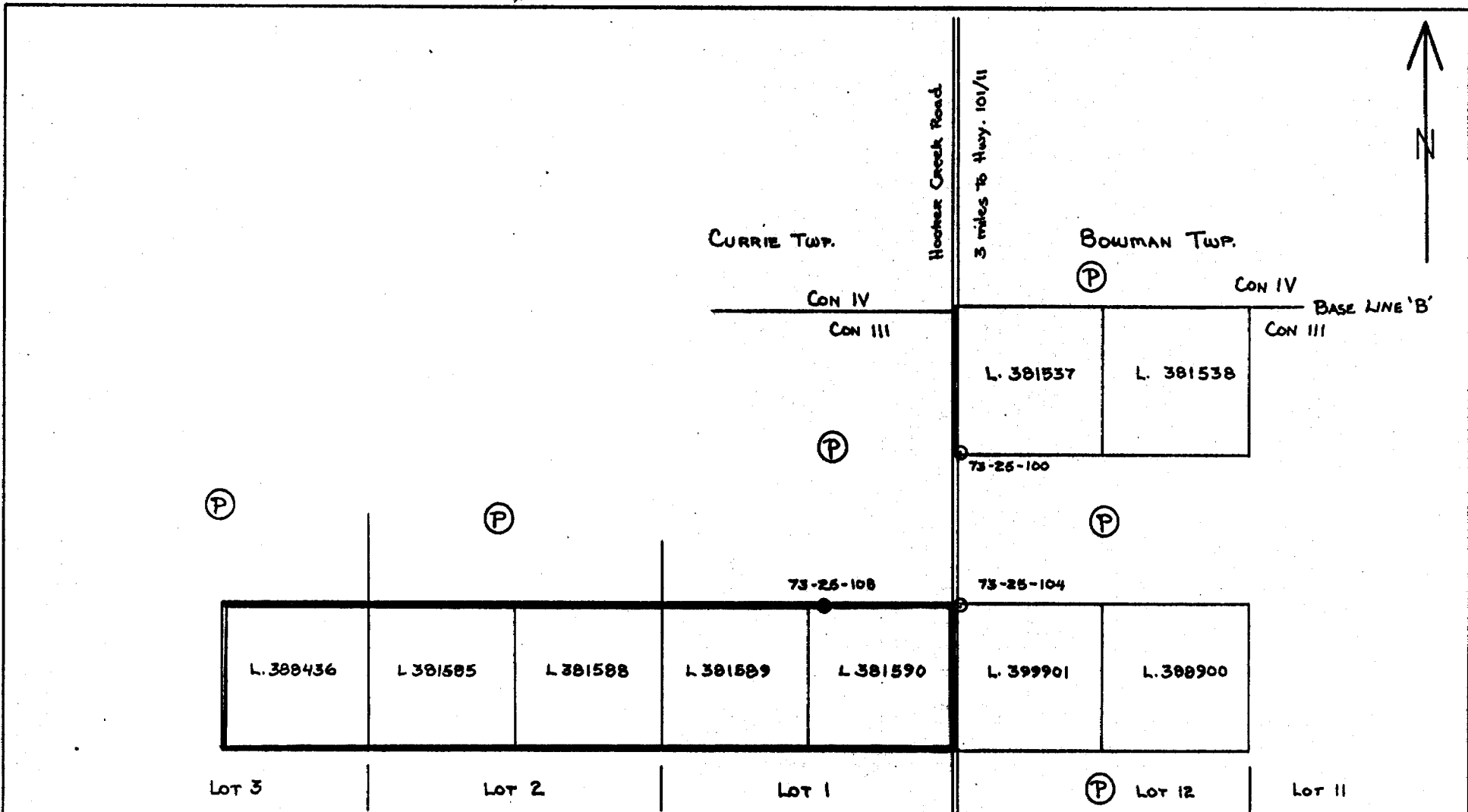


0 - 0.6m: No Return
 0.6 - 0.9m: ORGANICS
 0.9 - 11.1m: LACUSTRINE
 0.9 - 2.3m: brown, uncompact, high clay
 2.3 - 6.1m: No return
 6.1 - 7.9m: grey, uncompact, high clay
 7.9 - 11.0m: Varved, alternating layers, grey-high clay with brown-silt.
 11.0 - 11.1m: brown, high silt, low to med clay, low compaction
 11.1 - 17.6m: GLACIOFLUVIAL
 - medium to low (fine) sand, medium to high (medium to fine) gravel, crudely stratified, 80% dark pebbles, <5% exotics, cobbly.
 at 16.6m: large granite cobbles
 16.9-17.1m: green boulder
 17.6 - 18.0m: ABLATION TILL
 - grey, moderate compaction, high sand, medium silt, 90% dark clasts
 18.0m - 20.9m: GLACIOFLUVIAL
 - variable; low to medium (medium to coarse) sand medium to high (medium to coarse gravel), 70-90% dark pebbles, <2% exotics, <2% silt balls

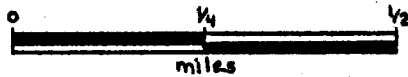
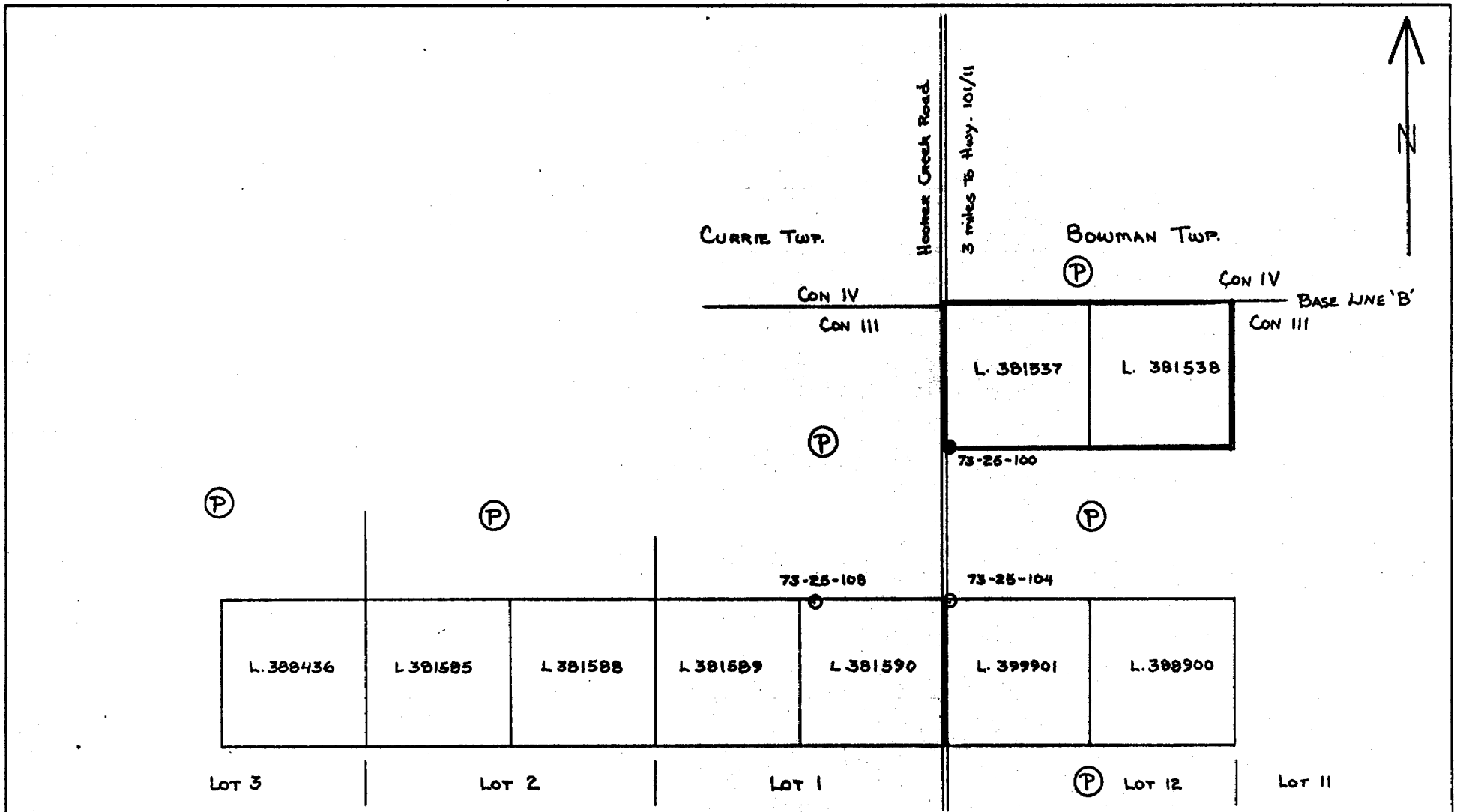
Sample Number	Sample Interval	Au ppb	Ni ppm	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm
6729	11.1-12.1m							
6730	12.6-14.6m							
6731	15.6-16.1m							
6732	16.4-16.9m							
6733	17.1-17.6m							
6734	17.6-18.0m							
6735								
6736	18.0-18.5m							
6737	18.5-20.9m							
(6738)	20.9-21.9m							



DERRY, MICHENER & BOOTH	
CURRIE - BOWMAN TWPS.	
OVERBURDEN HOLE LOCATIONS	
Dec., 1975	By: I. S. Thompson, P. ENG.



DERRY, MICHENER & BOOTH	
CURRIE - BOWMAN TWP.	
OVERBURDEN HOLE LOCATIONS	
Dec., 1975	By: I. S. Thompson, P. Eng.



DERRY, MICHENER & BOOTH	
CURRIE - BOWMAN TWP.	
OVERBURDEN HOLE LOCATIONS	
Dec., 1975	By: I. S. Thompson, P. ENG.

W8508-258

Ministry of Natural Resources Ontario

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

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File 2620869

Mini

Form header containing: Type of Survey(s) REVERSE CIRCULATION OVERBURDEN DRILLING, Township or Area Currie & Bowman Twp., Claim Holder(s) Kidd Creek Mines Ltd., Prospector's Licence No. T-1848, Address 571 Moneta Avenue, P. O. Box 1140, Timmins, Ontario P4N 7H9, Survey Company Bradley Brothers Ltd., Date of Survey (from & to) 11, 05, 85 to 01, 06, 85, Total Miles of line Cut, Name and Address of Author (of Geo-Technical report) R. E. Gadzala, c/o Kidd Creek Mines Ltd., P.O. Box 1140, Timmins, Ontario P4N 7H9

Credits Requested per Each Claim in Columns at right

Table with columns: Special Provisions, Geophysical, Days per Claim, Man Days, Airborne Credits. Includes a 'RECEIVED' stamp dated JUL 25 1985 and 'MINING LANDS SECTION' stamp dated AUG - 1 1985.

Mining Claims Traversed (List in numerical sequence)

Table with columns: Mining Claim Prefix, Mining Claim Number, Expend. Days Cr., Mining Claim Prefix, Mining Claim Number, Expend. Days Cr. Lists claims from L 620869 to 826982 and L 826983 to 834321, plus 805257 to 805260.

Expenditures (excludes power stripping)

Form for Expenditures: Type of Work Performed OVERBURDEN DRILLING, Performed on Claim(s) 620869, 628078, 628079, 628090, 628082 to 628087 incl., 805257, 628094 to 628096 incl., 826982, 826983, 807229, 807230. Calculation: Total Expenditures \$ 45,084.50 ÷ 15 = Total Days Credits 3005.6

Total number of mining claims covered by this report of work. 42

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 2360, Date Recorded JUL 25 1985, Mining Reader signature.

Date July 20, 1985, Recorded Holder or Agent (Signature) R. Gadzala

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: R. E. Gadzala, P. O. Box 1140, 571 Moneta Avenue, Timmins, Ontario P4N 7H9. Date Certified July 20, 1985, Certified by (Signature) R. Gadzala

Mining Lands Section

File No 28339

Control Sheet

TYPE OF SURVEY _____ GEOPHYSICAL
_____ GEOLOGICAL
_____ GEOCHEMICAL
✓ _____ EXPENDITURE

MINING LANDS COMMENTS:

_____ < Currie, Bowman > _____

L.D.
Lgd.

Dimit
Signature of Assessor

Aug. 8/85
Date

THE TOWNSHIP OF
OF
BOWMAN

DISTRICT OF
COCHRANE
LARDER LAKE
MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE LEASES (S) or (C.S.)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KINGS HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- GEODETIC STATION (Δ)

NOTES

RESERVE RIGHTS RESERVATION AROUND ALL LAKES AND RIVERS.

L.O. 8672 issued for flooding rights on Watabeag River

GRAVEL AND SAND

(Q) QUARRY PERMIT

June 20/85

PLAN NO.- M-33#22

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Carr Twp.

VI

V

IV

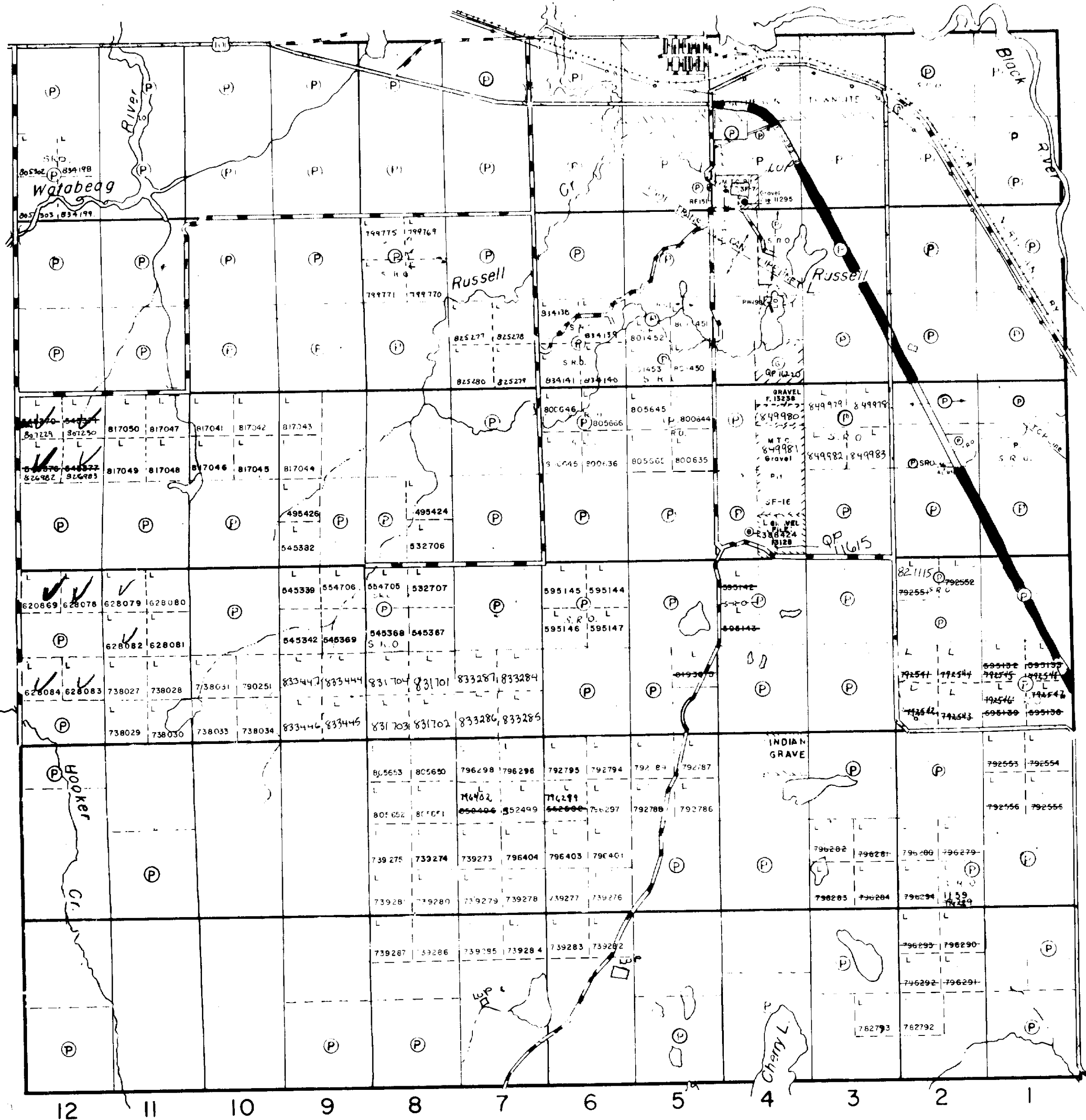
III

II

I

Hislop Twp.

Currie Twp.



McCann Twp.



Taylor Twp.

Bond Twp.

VI

V

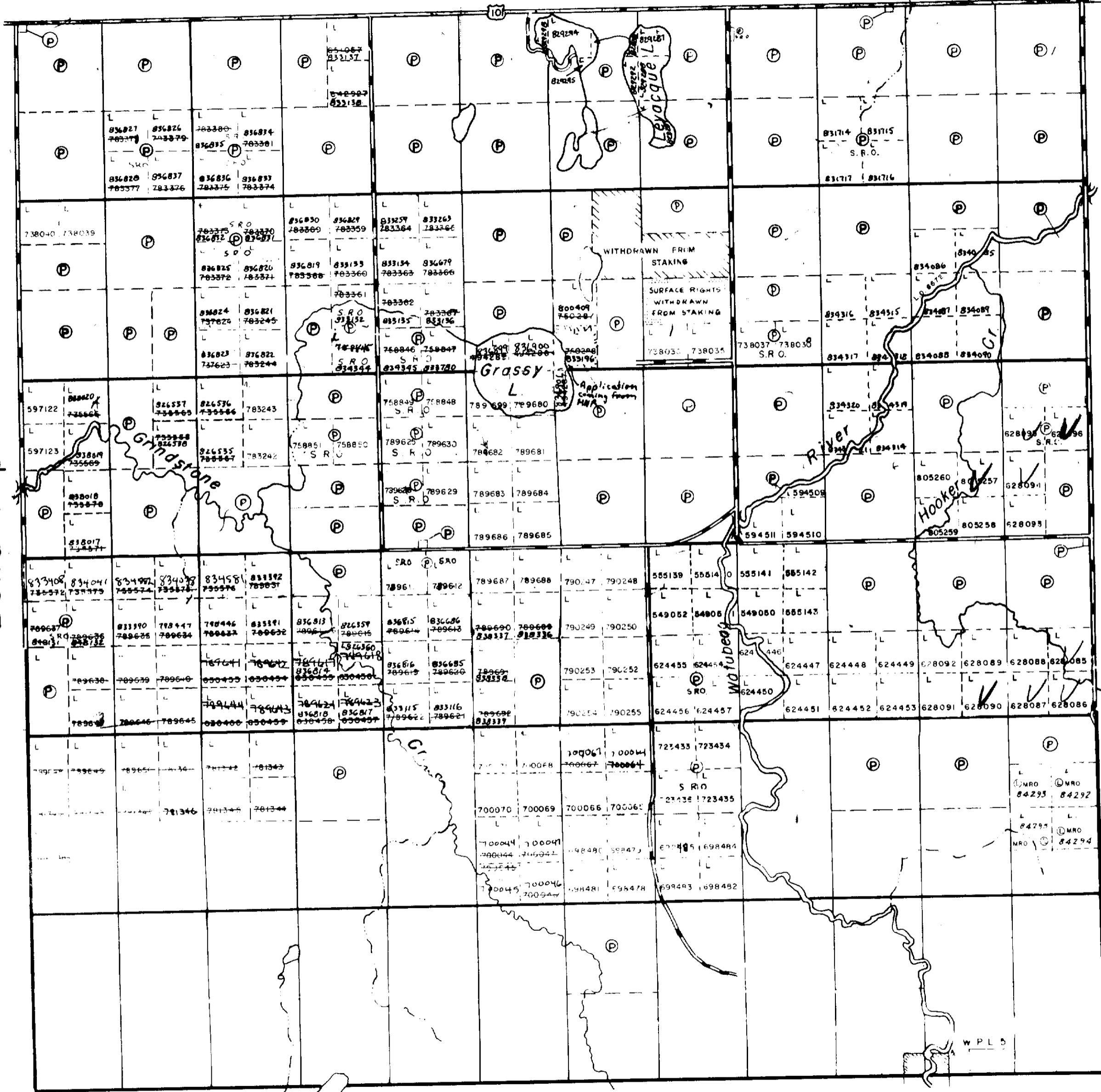
IV

III

II

I

Bowman Twp.



THE TOWNSHIP OF COCHRANE

CURRIE

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND Ⓟ
- CROWN LAND SALE Ⓢ or Ⓞ
- LEASES CS
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS —
- IMPROVED ROADS —
- KING'S HIGHWAYS —
- RAILWAYS —
- POWER LINES —
- MARSH OR MUSKEG —
- MINES —

NOTES

L.O. 8672 Flooding rights to 820 a.s.l. contour

AREA MARKED THUS Files 84293 84292

WITHDRAWN FROM STAKING UNDER SEC. 39(1) OF MINING ACT

400' Surface rights reservation around all lakes and rivers

Drawn from staking under Section Mining Act (R.S.O. 1970)

File	Date	Disposition

PLAN NO.- M.341 # 22

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEY AND MAPPING BRANCH



42A105E0104 2.8339 BOWMAN

Egan Twp.