010

MAUDE LAKE GOLD MINES LIMITED

REVERSE CIRCULATION DRILL PROGRAM

Beatty Township

Larder Lake Mining Division, Ontario

March 17, 1986
Sudbury, Ontario

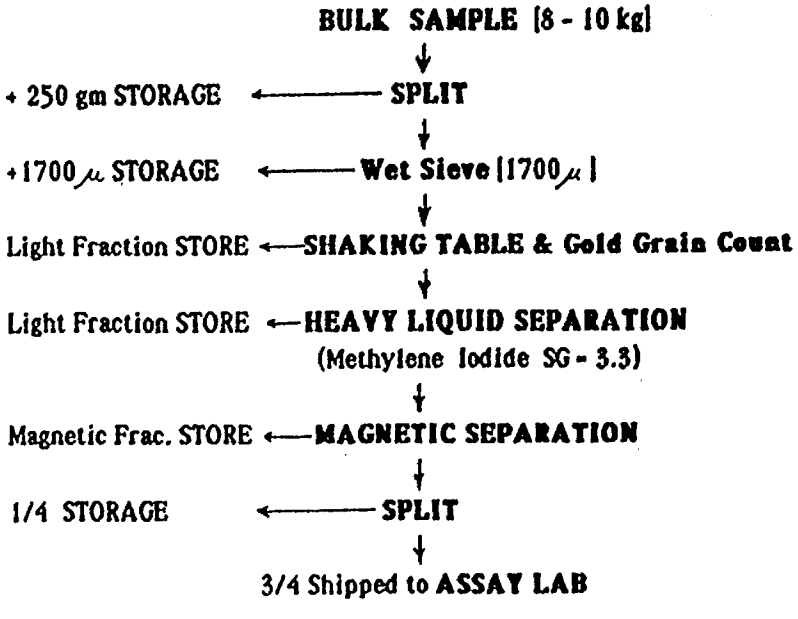
R. A. Bennett, PEng.

Reverse Circulation Drill Program - 1985

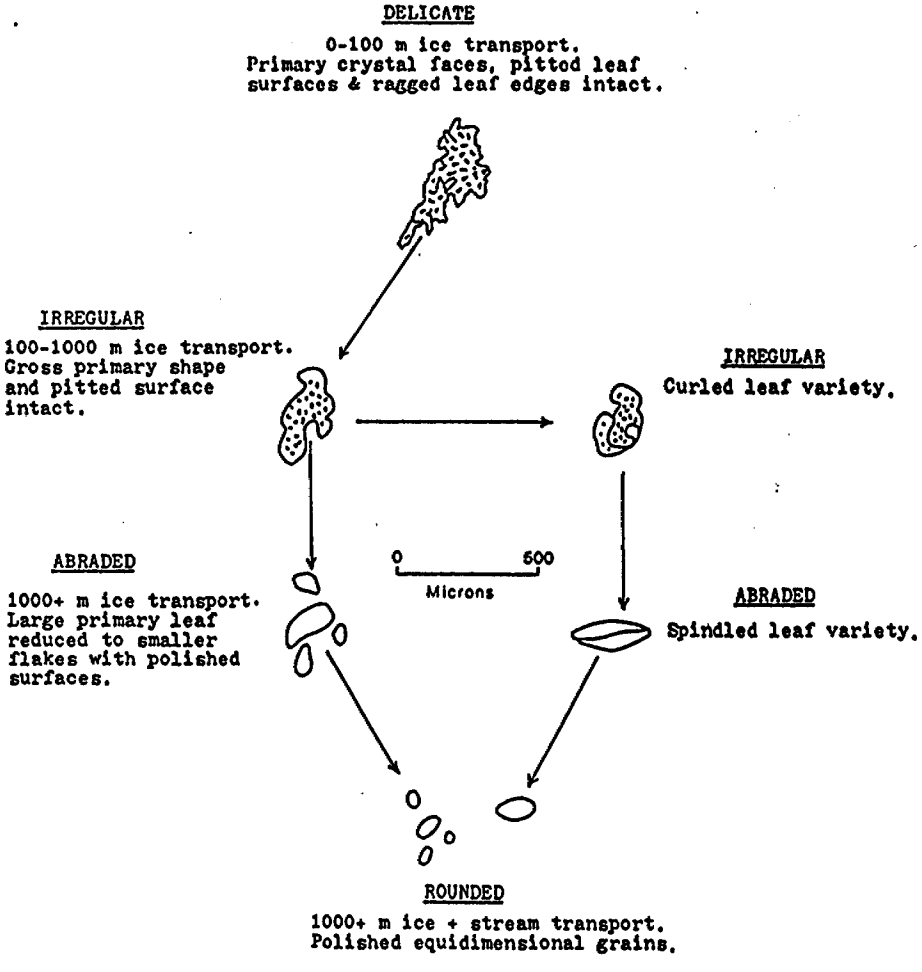
INTRODUCTION

Between April 16th and 24th, 1985, a 47-hole reverse circulation overburden drill program was completed across the **Wilkie-Carr, Main, and Salve** claim groups. The objective of the program was to delineate glacially dispersed gold mineralization in the lodgement tills which could then be used to help focus more detailed exploration for bedrock gold mineralization. Targets sought were fashioned after Maude Lake"s 5 ZONE GOLD DEPOSIT. The holes were spotted between 200 and 1000 ft south [600' average] of the interpreted location of the Pipestone Fault and spaced at intervals not greater than 800 feet. A LOCATION PLAN is provided overleaf. This report describes the drilling and results completed in Beatty Township only [Salve Group Holes MLM:85-33 through 47 inclusive].

Heath and Sherwood Drilling Limited of Kirkland Lake, Ontario was contracted to drill the reverse circulation rotary holes with their Nodwell-mounted drill. Overburden Drilling Management Limited of Ottawa, Ontario was retained to log the Quarternay sediments, collect and process the till samples. Heavy mineral concentrates were prepared by shaking table pre-concentration followed by heavy liquid refining for 140 samples from the basal portions of the 47 holes. Overburden Management's **Process Flow Sheet** below outlines the proceedures followed:



Visible native gold particles that separated from the other heavy minerals on the shaking table were measured and classified to help determine their approximate distance of glacial transport (see Figure 1 below). Where two or more grains were found, a special pan refining process was used to isolate "all" the gold present. The 3/4 split of each concentrate was analysed for gold at Bell-White Analytical Laboratories Limited using the fire assay method with atomic absorption finish. All the results and assays are summarized in Table 1, overleaf. Individual Drill Hole Logs showing the lithology, sample locations, gold assays, and shaking table and panning results are appended.



- Effects of glacial transport on gold particle size and shape.
(Developed by Overburden Drilling Management Ltd.)

FIGURE 1

MAUDE LAKE GOLD MINES LIMITED

1985 REVERSE CIRCULATION DRILL PROGRAM RESULTS

HOLE NUMBER	SAMPLE NUMBER	GOLD ASSAY	VISIBLE GOLD etc. in CONCENTRATE Shape/Size in microns + other minerals	REMARKS
SALVE GROUP				
MLM-85-33 72W, 17S	1	138	A100x50	
MLM-85-34 64W, 24S	3	30 ppb	A150x50	
	4	123 ppb	A100x50	
	5	210 ppb	IR150x150	
	6	755 ppb	A250x150	
	7	46 ppb	2-A200x150, *DELICATE* 200x150 + 1% Pyrite	
MLM-85-35 59W, 25S	2	73 ppb	---	
	3	25 ppb	---	
	4	163 ppb	---	
MLM-85-36 40W, 28S	1	18 ppb	---	
MLM-85-37 32W, 30S	4	20 ppb	---	
	5	210 ppb	IR150x50	
	6	280 ppb	---	
	7	115 ppb	A100x50	
MLM-85-38 24W, 30S	7	9 ppb	---	
	8	26 ppb	---	
	9	51 ppb	---	
	10	19 ppb	---	
	11	425 ppb	---	
MLM-85-39 16W, 30S	7	20 ppb	---	
	8	15 ppb	---	
	9	350 ppb	IR400x250	
	10	14 ppb	---	
	11	901 ppb	No Visible Gold but 1% Pyrite	
MLM-85-40 8W, 35S	3	293 ppb	IR200x100	
	4	423 ppb	A150x150	
	5	299 ppb	IR150x100	
	6	226 ppb	---	
MLM-85-41 00, 43S	1	366 ppb	IR150x100	
	2	221 ppb	A350x300	
MLM-85-42 8E, 50S	15	99 ppb	---	
	16	65 ppb	---	
	17	21 ppb	IR150x100	
	18	91 ppb	A100x100	
	19	1148 ppb	A200x200 + 5% Pyrite	
MLM-85-43 16E, 44S	7	15 ppb	A150x150, A100x100	
	8	109 ppb	---	
	9	8 ppb	---	
	10	660 ppb	A150x150, A100x100, A150x50	
	11	57 ppb	---	
MLM-85-44 24E, 50S	1	24 ppb	---	S. of Salve Lake
	2	23 ppb	---	
MLM-85-45 32E, 52S	1	5555 ppb (0.162 opt)	A350x300, A150x125 + 3% Pyrite	S. of Salve Lake No known gold showing in this area.
	2	21 ppb	---	
	3	89 ppb	IR250x100	
	4	148 ppb	---	
	5	81 ppb	---	
MLM-85-46 40E, 52S	1	1715 ppb (0.050 opt)	A75x25, IR250x150 + 3% Pyrite	S. of Salve Lake. No known gold showing in this area.
	2	23 ppb	---	
	3	430 ppb	A150x100, IR100x100 + 0.5% Pyrite	
	4	50 ppb	---	
	5	730 ppb	IR225x150	
MLM-85-47 48E, 50	1	66 ppb	---	S. of Salve lake

TABLE 1.

RESULTS

Quaternary Geology

The Quaternary succession in the drill program area includes glacial till, glaciofluvial sand and gravel, and glaciolacustrine sand, silt and clay. Glacial till from 0.5 to 104 ft in thickness rests upon the bedrock in most of the reverse ciculation holes. Most, if not all of this till is "**Matheson Till**". Local glacial straie show ice movement as 165 to 175 degrees azimuth. In the 5 ZONE open pit, 240 degree straie and a very dense, green-matrix till suggest the presence of an older till. A south-southeast trending esker was drilled in the western portion of the Salve Group. This esker consists of beige sands and gravels that were deposited in an in-ice conduit within the same ice sheet that deposited the matheson Till.

Overlying the tills and glaciofluvial materials are 8 to 99 ft thick lacustrine sediments that were deposited in pro-glacial Lake Ojibway. These include mostly varved clays with much lesser silt and gray sand. A thin horizon of organics overlay the lacustrine clay.

Gold Background

Most gold deposits in the Abitibi Greenstone Belt, including the 5 ZONE GOLD DEPOSIT, are of the free gold type. Till sampling by Overburden Management throughout the Abitibi Belt over the past several years has shown that free gold particles occur in all tills. Individual gold nuggets can have an extreme effect on the assay result of a sample concentrate. Overburden Management have developed procedures to recognize and discount anomalies by this "nugget effect". For example:

- a Very Fine 50 micron diameter gold flake could account for 10 ppb Au
- a Fine 200 micron diameter gold flake could account for 760 ppb Au
- a Medium 400 micron diameter gold flake could account for 5,400 ppb Au
- a Coarse 800 micron diameter gold flake could account for 33,3000 ppb Au, and
- a Very Coasre 1000+ micron diameter gold flake could yield 55,000+ ppb Au.

On average, less than 30% of all till concentrate samples throughout the Abitibi assay <10 ppb Au, suggesting no VG is present. Most samples grade 20 to 500 ppb Au and only 15% assay >1000 ppb Au. Overburden Management has suggested the following criteria for anomaly recognition:

1. Threshold assay = >1000 ppb is potentially anomalous.

2. Minimum 10 VG particles per 8 kg sample and it is best if-
   VG has a common size [ie: same source]
   VG has a common shape [ie: same distance - Delicate/Irregular are best since gold becomes abraded after 1 kilometer of travel].
3. Au train should be 2 samples thick [unless <300 ft from source or only very thin till horizon].
4. Au train width not more than twice the cross-ice length.

Using these guidlines, the following Reverse Circulation Drill Holes are interpreted to be anomalous and worthy of follow-up exploration.

Hole No.	Sample No.	ASSAY ppb Au	REMARKS	RECOMMENDATIONS
85-45	1	5555	2 abraded VG particles south od Salve Lake about 1000 ft south of Pipestone Fault.	IP Definition
85-46	1	1715	Abraded & irregular VG particles + 3% pyrite about 900 ft south of Pipestone Fault.	IP Definition

Reverse Circulation Program - Costs

Expenses claimed include:

DRILLING COSTS - Heath and Sherwood Drilling Company.

SAMPLE PREPARATION COSTS - Overburden Management.

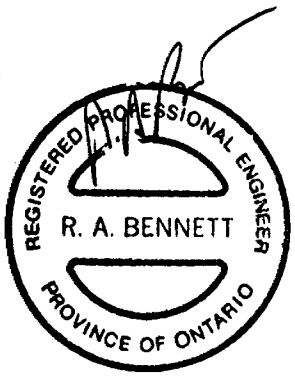
SAMPLE ASSAYING COSTS - Bell-White Assay Labs.

Receipts for all these expenses are appended.

SALVE GROUP [Holes MLM85-33 to 47 inclusive.]

H & S Drilling	- $ 11029.45
Overburden Mangement	- $ 4467.17
Bell-White Labs	- $ 583.00
TOTAL	- $ 16079.62

ASSESSMENT CREDITS - $\frac{16079.62}{15}$ - 1071.97



March 17, 1986
Sudbury, Ontario.

R.A. Bennett, PEng.

Appendices : 1 - Receipts for Costs [H &S, Overburden Mgmt, Bell-White].
2 - Drill Logs [Holes MLM85-33 to 47 inclusive].
3 - Assay Certificate

REFERENCES

Avrill, S.A

Interpertation of heavy Mineral Gold Anomalies in Overburden Samples from Reverse Circulation Drill Holes - 1985. [Private Company Report].

Bennett, R. A., PEng.

1985 Report on Exploration - Maude lake Gold Mines Ltd [Private Company Report submitted to OMEP].

Satterly, J. and Armstrong, H.

Geology of Beatty Township. ODM Vol LVI, Part VII - 1947.

APPENDIX 1.

heath & sherwood drilling
division of challenger resource services ltd.

p.o. box 998, phone 705-567-9311, telex 067-82510
34 duncan ave. north, kirkland lake, ontario, canada
P2N 3L3

January 8th,1986

Maude Lake Gold Mines Ltd.,
P.O. Box 159,
Matheson, Ontario.
POK 1NO.

Gentlemen: Re - Reverse Circulation Rotary Drilling Program

This is a letter of confirmtion for payment of services performed in 1985.

The total amount of $11,029.45 for hole numbers MLM 85:33 to 85:47 has been paid in full.

Yours truly,

HEATH & SHERWOOD DRILLING,

John Halsall,
Chief Accountant.

JH:mfc

OVERBURDEN DRILLING MANAGEMENT LIMITED
3 CLEOPATRA DR. NEPEAN, ONTARIO K2B 3M9
Telephone: 224-1771 or 224-1774

January 09, 1986

Mr. Bob Bennett
Maude Lake Mines Limited
P.O. Box 1, Site 37
R.R. # 4
Sudbury, Ontario
P3E 4M9

RE: INVOICE REVERSE CIRCULATION
HOLES MLM-85-33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

For consulting services pursuant to the above.

Payment received in full $4,467.17

Yours truly,

Nancy Averill
General Manager

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187 HAILEYBURY, ONTARIO TEL: (705) 672-3107
POJ 1KO

January 6, 1986

Maude Lake Gold Mines Ltd.,
577 Pearson Street,
R.R. #4, Site 37, Box 1,
Sudbury, Ontario.
P3E 4M9

Reference: MLM85 33-47

Total Invoice Amounts Billed: $ 583.00

PAID IN FULL.

J. J. Landers,
Manager

JJL:aa

APPENDIX 2.

(33)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

SALVE GROUP

DATE April 21 1984

HOLE NO MLA-85-33 LOCATION L 7200W ≈ 1700S (SALVE LAKE GR

GEOLOGIST T. Burns / M. Purcell DRILLER G. Rowse BIT NO. GB66952 BIT FOOTAGE 153→170

SHIFT HOURS ____ TO ____

MOVE TO HOLE 12:45 → 2:00

DRILL 2:00 → 3:00

TOTAL HOURS ____

MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ____

OTHER

MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG		
				0-5.0' No Return → Lake		Ojibway clay				
				5.0'-7.0' Clay. beige, soft smooth						
				7.0'-13.0' Sand-Silt beige with with very fine grained matrix.						
			01	13.0'-14.0' Till. grey-beige, fine grained sand matrix, pebbly clasts, 60% mafic volcanics and sediments 40% granite.	138	ppb		A50x100		
			02							
20				14.0-17.0' Bedrock Mafic Volcanics light grey to green, massive. minor quartz veins minor trace of disseminated pyrite.						
				→ Matheson Till						
40										
60										
80										
100										

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 21 19 85
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO MLM-85-34 LOCATION L.6+00N = 24+50E (SALVE Ground)
GEOLOGIST T. BURNS / M. FORESTELL DRILLER G. Halvorsen BIT NO. CR66952 BIT FOOTAGE 170'-229'
MOVE TO HOLE 3:00 → 3:15
DRILL 3:15 → 6:00
MECHANICAL DOWN TIME 3:30 → 4:30
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG		
				0.0 → 2.0' No Return						
				2.0 → 22.5' Clay - light brown. soft smooth						
				→ Lake Ojibway						
20				22.5' → 56.0' Till - gray beige, fine grained sandy matrix, pebbly clasts 60% Mafic volcanics, 40% sediments.						
			01	- Also has gray beige, pebbly with medium to coarse grained matrix and gravel like appearance from 31.0' → 34.0'	30	ppb		A	50	150
			02							
			03							
40			04	→ Matheson Till	123	ppb		A	50	100
			05		210	ppb	*	IR	150	150
			06		755	ppb		A	150	250
			07	56.0' → 59.0' Bedrock Mafic Volcanics. medium to dark grained massive. Minor interstitial calcite.	46	ppb	*	2	Agg.	150 200 ca
			08					1	Delicate	150 ca
60								1%	pyrite	
80										
100										

(35)

NICKLE LAKE.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 22 19 85
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO MLM-85-35 LOCATION L 59+00 W 25+00S
GEOLOGIST T. Burns DRILLER H. Abourg BIT NO. CR66952 cBL1953 BIT FOOTAGE 229-318 0 → 100
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG			
				0 → 4.0 No Return							
5				4.0 → 19.5 Clay beige moderately compact smooth - mina interbedded fine sand below ∓ 10.0							
10											
15											
20				19.5 → 81 Sand beige, fine grained minor interbedded clay above 25 - mina pebbly beds below ∓ 45.0 - medium to coarse sand below ∓ 70.0							
25											
30											
35				→ Ogidaway clay and sand.							
40											
45											
50											
55				81 - 96 Till gray - green fine to medium sand matrix cobbly closely 70% mafic volcanics and sediments 30% granitic - gravel like below 94 - boulder mafic volcanic 83.5 → 84.5							
60											
65											
70											
75				96 → 100 Bedrock mafic to intermediate volcanic - dark green, fine to medium grained generally massive highly fractured locally some green clay							
80											
85			01								
			02	→ Mattson Till	73	ppb		—			
90					25	ppb		—			
			03								
95			04		163	ppb		—			
100			05								

(36)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 22 19 85
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO MLM-85-36 LOCATION L40W 88+00S
GEOLOGIST T. Bruno DRILLER H. Atoug BIT NO. CB66953 BIT FOOTAGE 100 → 209
MOVE TO HOLE 11:00 → 12:00
DRILL 12:15 → 1:30
MECHANICAL DOWN TIME 12:00 → 12:15 repair pump
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG			
				0 → 5.0 No Return							
5				5.0 → 28.0 clay gray - beige soft smooth							
10											
15											
20											
25											
30				28 → 102 sand beige fine grained mina pebbly beds - medium sand below ≈ 70.							
35											
40				→ Oxbow clay and sand							
45											
50											
55											
60											
65											
70											
75											
				102 → 105 Till gray - beige, fine sand matrix, pebbly clasts 85% mafic volcanics and sediments 15% granitic	18	ppb		—			
105			01								
			02	Bedrock Till							
110				105 → 109 Bedrock mafic to intermediate volcanics - dark green, fine to medium grained, generally massive slightly fractured locally							
115											
120											
125											

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 22 19 85
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO MLM-85-37 LOCATION L 32W 30+00S
GEOLOGIST T. Bruns DRILLER A. Hwy BIT NO. C066953 BIT FOOTAGE 209 → 278
MOVE TO HOLE 1:30 → 1:45
DRILL 1:45 → 4:00
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0 → 3.0 No Return
				3.0 → 26 Clay beige soft smooth - interbedded fine beige sand 21 → 22.5
				Lake Ojibway
				26 → 33 Sand beige fine grained
				33 → 66 Till gray-beige, fine sand matrix pebbly 60% mafic volcanic and sediment 40% granitic - gravel like from 39 → 40.5 - minimal return below 40.5 (high silt content)
			01	
			02	
			03	
				Matheson Till
			04	
			05	
			06	
			07	
			08	
				66 → 69 Bedrock intermediate volcanic - light gray-green, very fine grained generally massive <5% quartz veining, 1-2% disseminated coarse pyrite aggregates.

Au			VG		
20	ppb				
210	ppb		I	R	150 x 50
280	ppb				
115	ppb	-	A	100	x 50

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 22 1985
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO MLM-85-38 LOCATION L24W 70+00S
GEOLOGIST T. Bursnall DRILLER D. Aleong BIT NO. CB16953 BIT FOOTAGE 278→373
MOVE TO HOLE 4:00 → 4:15
DRILL 4:15 → 6:00
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER 6:00 → 7:00 travel
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG			
				0 → 5.0 No Return							
5				5.0 → 41.0 Clay gray soft smooth							
10											
15											
20				→ Lake Ojibway Clay							
25											
30											
35											
40				41 → 92.5 Till gray to gray-beige, fine sand matrix pebbly clasts 60% mafic volcanics and sediments 40% granitic							
45	Δ ○		01	Matheson Till							
	○ Δ			- minimal return below ±53 → ca high percentage of silt in matrix							
	Δ ○		02								
50	○ Δ										
	Δ ○		03	- minor smooth gray clay lumps at 62.0							
55	○ Δ										
	Δ ○		04	- gritty gray-green clay matrix below 68.0							
60	○ Δ										
	Δ ○		05	- boulder mafic volcanic 70.5 → 71.5							
65	○ Δ										
	Δ ○		06								
70	Δ ○			92.5 → 95 Bedrock felsic volcanic light gray-green, very fine grained massive siliceous hard to drill	9	ppb		—			
	○ Δ		07								
75	Δ ○										
	○ Δ		08		26	ppb		—			
80	Δ ○										
	Δ ○		09		51	ppb		—			
85	○ Δ			→ older Till (?)							
	Δ ○		10		9	ppb		—			
90	○ Δ										
	Δ ○		11		425	ppb		—			
			12								
95											
100											

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 23 19 85
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO MLM-85-34 LOCATION 16+00 W - 30+00 S
GEOLOGIST J. SMYTH DRILLER G. HOWE BIT NO. CB66953 BIT FOOTAGE 373-481
MOVE TO HOLE 7:45 → 8:00.
DRILL 8:00 → 10:15
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER 7:00 → 7:45 TRAVEL
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0 → 4.0 ORGANIC
				0 → 40.0 CLAY, grey, soft, smooth.
				40 → 54.0 SAND, beige, fine grained
				54.0 → 102.5 TILL, grey-beige, fine sand matrix, pebbly clasts, 70% mafic volcanics and sediments, 30% granitic
				- gritty clay matrix from (56 → 58) (78 → 81.5) (82.5 → 100.5)
				- becoming enriched in silt, less return, more compact from 65 → 78 and 96.5 → 99
				- boulder, intermediate mafic volcanic 81.5 → 82.5
				- boulder, granite, 96.5 - 97
				102.5 → 108 BEDROCK green, highly altered volcanic, gritty clay matrix

→ Lake Ojibway clay and sand.

→ Matheson Till

	Au			VG			
	20	ppb		—			Pennsd 1/4 Core ↓
	15	ppb		—			
	350	ppb	*	IR	250	x400	
	14	ppb		—			
11	901	ppb	↔ ?	—	NS	VG.	NS VG 18 PY

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 23 1985
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO HLM-85-40 LOCATION L8+00W + 34+00S (SALVE)
GEOLOGIST H. EARSELL DRILLER G. Hong BIT NO. CR66954 BIT FOOTAGE 0 → 103
MOVE TO HOLE 10:15 → 10:30
DRILL 10:30 → 12:15
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INT. INT.	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG		
				0–2.0' NO RETURN 2–50.0' CLAY. Gray, Soft, Smooth						
10										
40				Lake Ojibway clay and sand.						
				50.0 – 70.0' SAND – Brown to Beige Fine Grained.						
60										
				70.0 – 99.5' TILL – Brown to Beige w Greenish Tinge to Matrix. Sand with Medium to Fine grained matrix. Pebbly, 60% Mafic Volcanics, 40% Sediments. 96.0–100.0' Small Clay lumps with Gritty Feel.						
			01							
			02							
80				Matheson Till						
			03		293	ppb		IR	100X	200
			04		423	ppb		A	150X	150
			05		299	ppb		IR	100X	150
			06		226	ppb		—		
100										
103			07	99.5' – 103.0' BEDROCK Medium to Dark Green Mafic Volcanics. Well Foliated. Limonite along foliation planes. Minor qtz. fragments.						
120										

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OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE APRIL 23 19 85
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO MLM-85-41 LOCATION 0+00 - 43+00 S
GEOLOGIST J. SMYTH DRILLER G. HOWG BIT NO. CB66954 BIT FOOTAGE 103→141
MOVE TO HOLE 12:15 → 1:00
DRILL 1:00 → 2:15
MECHANICAL DOWN TIME
DRILLING PROBLEMS
OTHER
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0→2.0 No Return
5				2.0→15.0 CLAY grey, beige, soft, smooth.
10				
15				15.0→20.0 SAND beige, fine grained
				20.0→35.0 TILL grey-beige, fine grained sand, pebbly clasts, 70% mafic volcanics and sediments, 30% granitic
20			01	
25				35→88 BEDROCK green, fine grained matrix, intermediate mafic volcanic with interstitial carbonate.
30			02	
35			03	→ Matheson Till
40				
45				
50				
55				
60				
65				
70				
75				
80				
85				
90				
95				
100				

Au			VG			
Lake clay	Overburden and Till					
366	ppb		IE 100K IP0			
221	ppb		A 300→TO			

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 23 19 85 — HOLE NO HEMS-42 — LOCATION L 8E, 50S 'SALVE GROUP'.
GEOLOGIST M. FORESTELL — DRILLER G. Hawg — BIT NO. CARBIDE — BIT FOOTAGE 141 → 26
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____
MOVE TO HOLE 1:00 pm → 2:15 pm.
DRILL 2:15 → 4:45 pm
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER 4:45 → 6:00 travel
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au ppb	VG	
				0-2.0' NO RETURN			
5				2.0-4.0 ORGANICS.			
				4.0-42.0' CLAY. - Grey - Smooth.			
40				42.0'-139.0' TILL - Grey Beige Medium Fine grained Sand Matrix Pebbly, 55% Mafic Volcanics, 45% Sediments.			
			01				
			02				
			03				
60			04				
			05	→ Matheson Till			
			06				
			07				
80			08				
			09				
			10				
			11				
100			12				
			13				
			14				
			15		.99 ppb	—	Rinned 1/4 Core
120			16	→ Matheson Till	65 ppb	—	
			17		21 ppb	IR 100X150	
			18		99 ppb	A 100X100	
			19	139.0'-144.0' BEDROCK - Medium Grey - Massive Appearance Fine Grained Intermediate to Mafic Volcanics Minor disseminated pyrite, Minor quartz fragments.	1148 ppb	A 200X200	NO VG 5% PY
140			20				

(43)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 24 1985
SHIFT HOURS
____ TO ____
TOTAL HOURS
____
CONTRACT HOURS
____

HOLE NO MLM-85-43 LOCATION L16+00E 44+00S
GEOLOGIST T. Russell DRILLER A. Young BIT NO. CR66954 BIT FOOTAGE 285 → 445
MOVE TO HOLE 8.45 → 9.00
DRILL 9.00 → 10.45
MECHANICAL DOWN TIME 8.30 → 8.45 assist Rockwell fan
DRILLING PROBLEMS
OTHER 7.00 → 8.30 travel
MOVE TO NEXT HOLE

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG			
5				0 → 2.0 No return 2.0 → 6.0 Organics 6.0 → 53.0 Clay gray soft smooth							
10											
50											
55				53 → 157 Till gray - beige, fine sand matrix pebbly clasts 65% mafic volcanics and sediments 35% granitic – high percentage of fine sand matrix below 53.0							
60			01								
65											
70			02								
75											
80			03	→ Matheson Till							
85											
90			04								
95											
100			05								
			05	• minimal return from 122 → 124 - gravel like from 127 → 133 - gray gritty clay matrix below 153							
105											
110			06								
115											
120			07		15	ppb	—	2	Agg	– A150×25B A150×20	
125											
130			08		109	ppb		—			
135				→ Matheson Till							
140			09		8	ppb		—			
145											
150			10	possible (?) older Till	660	ppb		3	Agg	mineralized	
155				157 → 160 Bedrock altered mafic volcanic medium green gritty clay	57	ppb		—			
			11								

(44)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 24 1985
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO HLM-85-44 LOCATION L 24+00E, 50+00S (SALVE)
GEOLOGIST T. BURNS DRILLER G. Howg BIT NO. EB66955 BIT FOOTAGE 0 → 38
MOVE TO HOLE 10:45 → 11:00
DRILL 11:00 → 12:30
MECHANICAL DOWN TIME 10:30 → 10:45 Repair GT-1000
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			VG			
				0-2.0 No Return							
				2.0'-8.0' Organics.							
				8.0'-32.0' Clay. grey, soft, smooth							
				32.0'-35.0' Till grey-beige fine sand matrix							
20				→ Ojibway Lake Clay cobbly, 65% Mafic Volcanics, 35% Sediments. boulder, Mafic Volcanics 34.0' → 35.5'							
				35.0'-38.0' Bedrock Mafic Volcanics dark green, fine to medium							
			01	Matheson Till grained, massive.	24	ppb		—			
			02	trace of disseminated pyrite.	23	ppb		—			
			03								
40				NOTE: Lost down hole, 1 rod, 1 sub, 1 bit.							
60											
80											
100											

45

*NEW BIT
*NEW SUB

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE April 24 1985
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO OLH-85-45 LOCATION L 3210mE - 5240mS
GEOLOGIST T. BURNS DRILLER G. Hawg BIT NO. CR66956 BIT FOOTAGE 0 → 100
MOVE TO HOLE 12:30 → 12:45
DRILL 12:45 → 1:45
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au			UG			
				0–2.0' No Return							
				2.0'–10.0' Organics.							
				10.0'–68.0' Clay. gray, soft, smooth							
20											
40				→ Lake Ojibway							
60											Panned 1/4 Conc
				68.0'–96.0' Till gray-beige fine sand matrix pebbles 65% Mafic Volcanics, 35% Sediments.	0.162	oz/ton		A 300x350			(A 350x125 3 Nugs
80			01								
			02	gray gritty clay matrix from 89.0 → 96.0'.	21	ppb		—			
			03		89	ppb	*	IR	100 x 20		
			04	→ Matheson Till	148	ppb		—			
			05								
			06	96.0'–100.0' Bedrock. Mafic Volcanics. dark green, medium to fine grained matrix. generally massive with slightly fragmental appearance locally.	81	ppb		—			
100											

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

(46)

DATE April 29 1985
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO MLM-85-46 LOCATION L40+00E - 52+00S (SALVE)
GEOLOGIST T. Burns DRILLER G. Hovey BIT NO. CR66756 BIT FOOTAGE 100 → 203
MOVE TO HOLE 1:45 → 2:00
DRILL 4:00 → 5:15
MECHANICAL DOWN TIME 2:00 → 4:00 Repair Compressor Fan
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au		Ag		
				0.0 → 5.0' No Return					
				5.0' → 13.0' Organics					
				13.0' → 62.0' Clay gray, soft, smooth					
20									
40				Lake Cyclung clay					
									Panned 1/4 Conc ↓
60				62.0' → 100.5' Till gray-beige					
			01	- fine sand matrix, pebbles 65% Mafic Volcanics, 35% Sediments.	050	n/t	—	IR	150 x 200 (A75 x 25 38 PY
			02	- soft smooth gray clay from 66.5' → 69.0 and sand from 69.0' → 73.0'.	23	ppb	—		
80				- minimal t/o return below 73.0' with high % of silt.					
				- "normal" till below 88.0'.	430	ppb	*	1 A 100 x 150 1 IR 100 x 100 ½ % pyrite.	
			03	→ Matheson Till					
			04		50	ppb		—	
				100.5' → 103.0' Bedrock Intermediate to Mafic Volcanics. dark green, fine grained massive, hard to drill.	730	ppb		IR	150 x 225.
100			05						
			06						

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

47

DATE April 24 19 85 | HOLE NO MLM-85-47 | LOCATION L48E 50+00S

GEOLOGIST T. Bursey | DRILLER M. Strong | BIT NO. SA66956 | BIT FOOTAGE 203→270

SHIFT HOURS ____ TO ____

TOTAL HOURS ____

CONTRACT HOURS ____

MOVE TO HOLE 5:15 → 5:30

DRILL 5:30 → 6:15

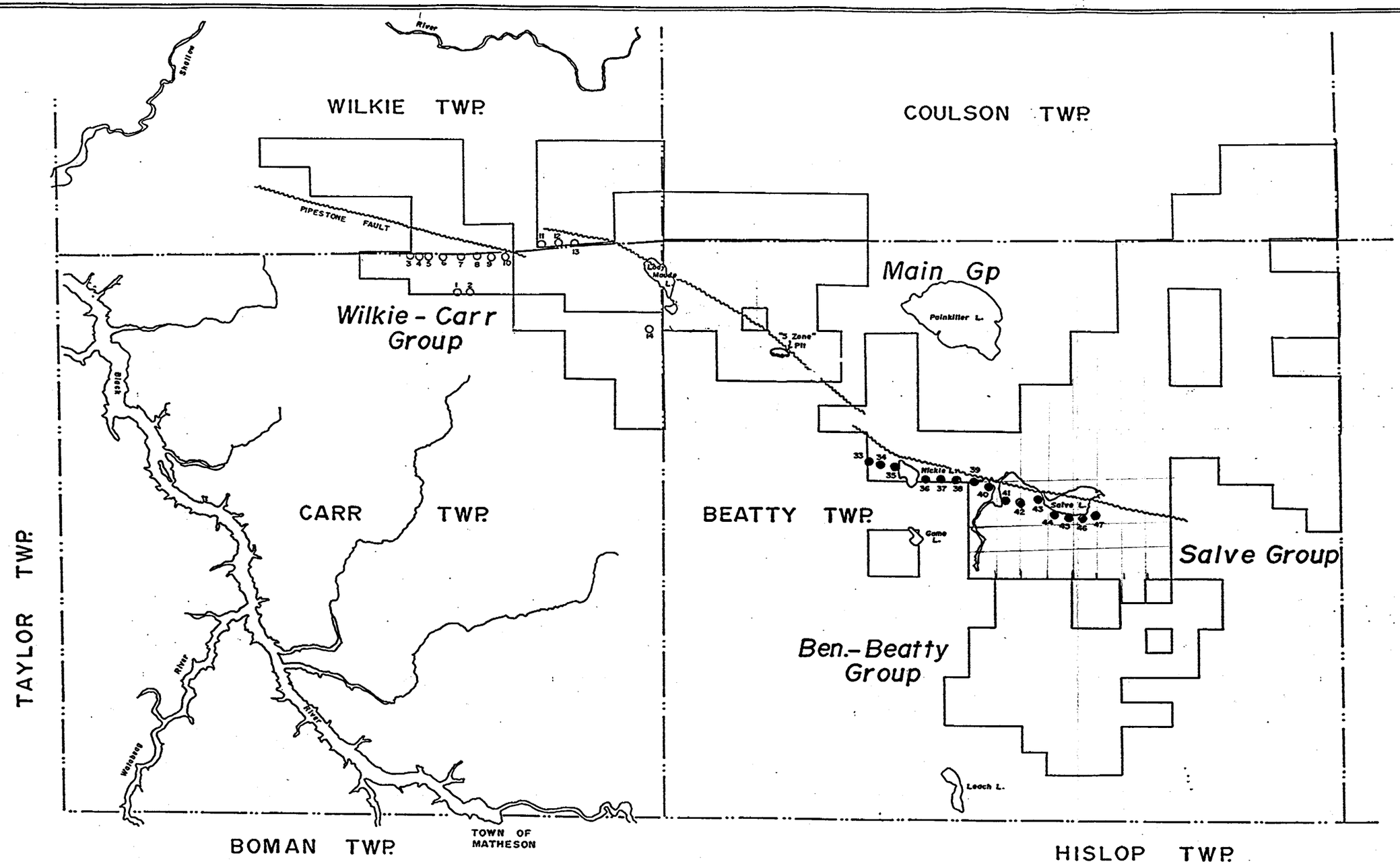
MECHANICAL DOWN TIME ____

DRILLING PROBLEMS ____

OTHER 6:15 → 8:00 Travel

MOVE TO NEXT HOLE ____

DEPTH IN FEET	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG	Au		Hg	
				0 → 3.0 No Return				
5				3.0 → 12 Organics				
10				12 → 63 Clay gray soft smooth				
15								
20								
25								
30								
35								
40				→ Lake Ogilvy clay				
45								
50								
55								
60				63 → 64 Till gray-beige fine to medium sand matrix, pebbly clasts 60% mafic volcanics and sediments 40% granitic	66	ppb	—	
65			01					
			02					
70								
75				64 → 67 Bedrock mafic to intermediate volcanic light to medium green, very fine grained massive				
80								
100								



MAUDE LAKE GOLD MINES LIMITED.

PROPERTY and LOCATION PLAN

showing Reverse Circulation Boreholes

Scale: 1 inch = 1 mile

2.8999

R.AB

APPENDIX 3.

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. B312-85 Page 1 of 2 DATE: May 31, 1985

SAMPLE(S) OF: Heavy Mineral Concentrate RECEIVED: May, 1985

SAMPLE(S) FROM: Mr. Kevan Elcomb for
Maude Lake Mines Ltd.

Sample No.	Gold ppb
MLM85:	
33-01	138
34-03	30
-04	123
-05	210
-06	755
-07	46
35-02	73
-03	25
-04	163
36-01	18
37-04	20
-05	210
-06	280
-07	115
38-07	9
-08	26
-09	51

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. B312-85 Page 2 of 2 DATE: May 31, 1985

SAMPLE(S) OF: Heavy Mineral Concentrate RECEIVED: May, 1985

SAMPLE(S) FROM: Mr. Kevan Elcomb for
Maude Lake Mines Ltd.

Sample No.	Gold ppb	Sample No.	Gold ppb	Gold oz.
MLM85:38-10	19	MLM85:43-07	15	
-11	425	-08	109	
39-07	20	-09	8	
-08	15	-10	660	
-09	350	-11	57	
-10	14	44-01	24	
-11	901	-02	23	
40-03	293	45-01		0.162
-04	423	-02	21	
-05	299	-03	89	
-06	226	-04	148	
41-01	366	-05	81	
-02	221	46-01		0.050
42-15	99	-02	23	
-16	65	-03	430	
-17	21	-04	50	
-18	91	-05	730	
-19	1148	47-01	66	

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

900

Mining Lands Section

File No 2.8999

Control Sheet

TYPE OF SURVEY

____ GEOPHYSICAL

____ GEOLOGICAL

____ GEOCHEMICAL

✓ EXPENDITURE

MINING LANDS COMMENTS:

S. Hurst

Signature of Assessor

April 15/86

Date

LD.

lgd

July 11, 1986

Your File: 233/86
Our File: 2.8999

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

Dear Madam:

RE: Report of Work #233/86

Enclosed is a copy of the approval for Report of Work #99/86. On this report 1071.92 expenditure days credits were approved April 18, 1986.

As Report of Work #233/86 is only the recording of part of these approved credits, you may use the April 18, 1986 approval date to record these credits on your record sheets.

For further information, please contact Mr. Ray Pichette at (416) 965-4888.

Yours sincerely,

J.C. Smith, Supervisor
Mining Lands Section

Whitney Block, 6th Floor
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

SH/mc
Encl.

cc: Maude Lake Gold Mines Limited
300 Elm Street West
Sudbury, Ontario
P3C 1V4

Ontario Ministry of Northern Development and Mines

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

233/86

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

Jim Gate your File 2.8999

Type of Survey(s): Reverse Circulation Drilling
Township or Area: Beatty
Claim Holder(s): Maude Lake Gold Mines Limited
Prospector's Licence No.: T 1181
Address: 300 Elm Street West, Sudbury Ontario P3E 4M9
Survey Company: R.A. Bennett P.ENG
Date of Survey (from & to): 16 04 85 (Day Mo. Yr.) to 24 04 85 (Day Mo. Yr.)
Total Miles of line Cut: —
Name and Address of Author (of Geo-Technical report): R.A Bennett RR 4 SITE 37 Box 1 Sudbury Ontario

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.
L	642515	20
	642518	20
	642519	20
	642521	20
	642508	20
	642573	20
	642517	20

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
JUL 10 1986
MINING LANDS SECTION

LARDER LAKE MINING DIVISION
RECEIVED
JUN 19 1986

Total number of mining claims covered by this report of work: ~~140~~ 7

Expenditures (excludes power stripping)

Type of Work Performed: Reverse Circulation Drilling
Performed on Claim(s): L.642508, L642515, L642572 073, L642516
L.642517, L.642520, L642574, L642577

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 16079.62	÷	15	=	1071.9

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	Date Recorded	Mining Recorder
* 140	JUN 19 1986	
	Date Approved as Recorded	Branch Director

Date: June 19/86
Recorded Holder or Agent (Signature): [signature]

Certification Verifying Report of Work * BALANCE OF CREDITS ON REPORT # 99/86

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.A Bennett RR4 SITE 37 Box 1 Sudbury Ontario P3E 4M9

Date Certified: June 17/86
Certified by (Signature): [signature]

1362 (85/12)

99186 Mining Act 2.8999 — in the "Expend. Days Cr." columns. Do not use shaded areas below.

Type of Survey(s): REVERSE CIRCULATION DRILLING - Expenditures

Township or Area: Beatty Township

Claim Holder(s): Maude La[illegible] Gold Mines Limited

Prospector's Licence No.: T1181

Address: 300 Elm Street West, Sudbury, Ontario, P3C1V4

Survey Company: R.A. Bennett, PEng

Date of Survey (from & to): 16 04 No. 185 | 24 04 85

Total Miles of line Cut: -

Name and Address of Author (of Geo-Technical report): R. A. Bennett, RR4 Site 37, Box 1, Sudbury, Ontario P3E 4M9

Credits Requested per Each Claim in Columns at right

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)

	Days per Claim
Geophysical	
- Electromagnetic	
- Magnetometer	
- Radiometric	
- Other	
Geological	
Geochemical	

Man Days

Complete reverse side and enter total(s) here

	Days per Claim
Geophysical	
- Electromagnetic	
- Magnetometer	
- Radiometric	
- Other	
Geological	
Geochemical	

Airborne Credits

Note: Special provisions credits do not apply to Airborne Surveys.

	Days per Claim
Electromagnetic	
Magnetometer	
Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Number	Expend. Days Cr.
L.	642506	60
	642507	60
	642508	~~60~~ 40 ✓
	642509	60
	642777	60
	642785	60
	642786	60
	642502	60
	642807	60 β
	642573	~~51.5~~ 31.5 β
	642572	60
	642514	~~60~~ 40 ✓
	642516	60
	642517	60
	642518	0.77 β
	642520	~~59.1~~ 39.1 β
	642574	60
	642577	60

Mining Claim Prefix	Number	Expend. Days Cr.

Total number of mining claims covered by this report of work: 18

Expenditures (excludes power stripping)

Type of Work Performed: Reverse Circulation Drilling etc

Performed on Claim(s): L.682508, L642509, L.642572 & 73, L.642516, L.642517, L.642520, L.642574, L.642577.

Calculation of Expenditure Days Credits

Total Expenditures: $ 16079.62 ÷ 15 = Total Days Credits: 1071.97

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: 1071.97

Date Recorded: MAR 17 1986

Mining Recorder:

Date Approved as Recorded:

Date: Mar 17/86

Recorded Holder or Agent (Signature):

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.A. Bennett, PEng., RR 4, Site 37, Box 1, Sudbury, Ontario, P3E 4M9

Ministry of Northern Affairs and Mines
Ontario

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

99/86
2.8999

Mining Act

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.

Type of Survey(s)	Township or Area
REVERSE CIRCULATION DRILLING - Expenditures	Beatty Township

Claim Holder(s)	Prospector's Licence No.
Maude Lake Gold Mines Limited	T1181

Address: 300 Elm Street West, Sudbury, Ontario, P3C1V4

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
R.A. Bennett, PEng	16 04 85 to 24 04 85	-

Name and Address of Author (of Geo-Technical report)
R. A. Bennett, RR4 Site 37, Box 1, Sudbury, Ontario P3E 4M9

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	Geological	
	Geochemical	

RECEIVED
APR 2 1986
MINING LANDS SECTION

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed: Reverse Circulation Drilling etc

Performed on Claim(s): L.682508, L642509, L.642572 & 73, L.642516, L.642517, L.642520, L.642574, L.642577.

Calculation of Expenditure Days Credits

Total Expenditures			Total Days Credits
$ 16079.62	÷ 15	=	1071.97

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.

Date	Recorded Holder or Agent (Signature)
Mar 17/86	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L.	642506	60
	642507	60
	642508	40 ~~60~~
	642509	60
	642777	60
	642785	60
	642786	60
	642502	60
	642807	60 β
	642573	31.5 ~~51.5~~
	642572	60
	642514	40 ~~60~~ β
	642516	60
	642517	60
	642518	0.77 β3
	642520	39.1 ~~59.1~~
	642574	60
	642577	60

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Reports & 2 Maps Attached

MAR 17 1986
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: 18

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
931.97	MAR 17 1986	
	Date Approved as Recorded	Branch Director
	Apr 18/86	

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.A. Bennett, PEng., RR 4, Site 37, Box 1, Sudbury, Ontario, P3E 4M9

	Date Certified	Certified by (Signature)
	Mar 17/86.	

1362 (85/9)

Ministry of Northern Affairs and Mines
Ontario

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

Mining Act

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.

Type of Survey(s)	Township or Area
REVERSE CIRCULATION DRILLING - Expenditures	Beatty Township

Claim Holder(s)	Prospector's Licence No.
Maude Lake Gold Mines Limited	T1181

Address: 300 Elm Street West, Sudbury, Ontario, P3C1V4

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
R.A. Bennett, PEng	16 04 85 to 24 04 85	-

Name and Address of Author (of Geo-Technical report): R. A. Bennett, RR4 Site 37, Box 1, Sudbury, Ontario P3E 4M9

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days		**Days per Claim**
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits		**Days per Claim**
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.
L.	642506	60
	642507	60
	642508	60
	642509	60
	642777	60
	642785	60
	642786	60
	642502	60
	642807	60
	642573	51.5
	642572	60
	642514	60
	642516	60
	642517	60
	642518	0.77
	642520	59.7
	642574	60
	642577	60

Total number of mining claims covered by this report of work: 18

Expenditures (excludes power stripping)

Type of Work Performed: Reverse Circulation Drilling etc

Performed on Claim(s): L.682508, L642509, L.642572 & 73, L.642516, L.642517, L.642520, L.642574, L.642577.

Calculation of Expenditure Days Credits

Total Expenditures				Total Days Credits
$ 16079.62	+	15	=	1071.97

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	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Mar 17/86	

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.A. Bennett, PEng., RR 4, Site 37, Box 1, Sudbury, Ontario, P3E 4M9

	Date Certified	Certified by (Signature)
	Mar 17/86.	

1362 (85/9)