



41116NE0076 0013A1 SCHOLES

010

Diamond Drilling

Township of SCHOLES

Report No: 15

Work performed by: Mining Geophysics Co. Limited

Claim No	Hole No	Footage	Date	Note
T 37795	GM-5	564.0'	Oct/56	
T 37812	GM-6	367.0'	Oct/56	
	GM-7	409.0'	Oct/56	

TOTAL 3 DH 1340 FT

Notes:

137795

DIAMOND DRILL RECORD

Map Hill 137795

PROPERTY Mining Geophysics, Gull Lake

HOLE NO. GM 5

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH 564'

ELEVATION _____

DIP 45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0-15.0	Casing				
15.0-175.0	Pebbly greywacke, greywacke conglomerate. This has a fine grained, massive, dark green chloritic, greywacke matrix. Large granite pebbles rare. Small pebbles of granite, quartz, dark green rock, are common. Larger pebbles rounded, smaller ones less so. Needle like pink or white carbonate common. Bedding not visible. In places this rock is somewhat shistose.				
	30.3-32.1 - Fair pyrite (in cubes) dissemination; also scattered pyrite cubes				
	44.0' - speck of chalcopyrite.				
	91.0 and 109.0' - 20° to core, banding marked by occurrence of thin dark coloured bands.				
	113.5-118.7' - core is broken - in fragments noticed abundant pyrite in small cubes, also there is much chlorite				
	Banding at 141.0' 10-15° to core and 146.0', 30-35° to core. Banding eventually fades out.				
	136.0' - 1/3" quartz vein with pink carbonate plates. - Fine grained pyrite cubes, generally associated with pebbles, occur occasionally. Sulphides negligible.				
175.0-306.0	Conglomerate, greywacke conglomerate, pebbly greywacke. This rock is similar to above, but the matrix is now dominantly gritty, and less greywacke. Pebbles of granite, and more so of a dark green rock, are abundant.				

N.M.P. TORONTO-STOCK FORM NO. 801 REV. 12/51

DRILLED BY Exploration Drilling, Cobalt

SIGNED Radmila Subotinic

24K

DIAMOND DRILL RECORD

PROPERTY Mining Geophysics, Gull Lake HOLE NO Gm 5

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 564'
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

22K

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
175.0-306.0	continued.				
	175.0-200.0' - Scattered iron formation fragments occur, and they do not appear again. - Scattered pyrite cubes or clusters of cubes occur rarely.				
	271.7' - 1" porous rock containing pyrite cubes with oxidized surfaces.				
306.0-491.5	Banded Iron Formation. Banding is uniform; consists of alternating black, magnetite rich bands, and light gray siliceous bands (rarely red jasper). Bands of green chlorite and chloritic material common. Banding is at an average angle of 20-30° to core. Greywacke material occurs occasionally in interbands and in long, homogenous sections as from 321.0-324.5'. These greywacke sections are often bedded as at 324' at 20° to core.				
	368.0-369.0' - contains fine grained disseminated pyrite. - Some pyrite occurs occasionally along bands in iron formation				
	398' - banding at 25° to core. In places banding slightly displaced along small cross-faults. From 398-400' banding distorted, brecciated-patches of silica and pink carbonate occur				
	400.0-450.0' - Greywacke sections are predominant. Rock somewhat rich in carbonates, also scattered pyrite disseminations. Few specks of chalcopyrite noticed; occasional quartz-carbonate veins at high angle to core; very thin carbonate veinlets and seams.				

N.M.P., TORONTO-STOCK FORM NO. 801 REV. 12/51

Missing core 378.0-385.0

DRILLED BYExploration Drilling, Cobalt

SIGNED.....Radmila Subotincic.....

DIAMOND DRILL RECORD

PROPERTY Mining Geophysics, Gull Lake HOLE NO. G.M. 5

SHEET NUMBER 3 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH 564'
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
306.0-491.5	continued				
	450.0-491.5' - Greywacke sections here in minority - Banding 25° to core				
	Occasional thin carbonate veinlets cutting banding				
	466.5' & 471.0-472.0 - Porous section.				
	464.0' - over 1 foot length occur scattered clusters of pale green				
	radiating needles of tremolite(?).				
	Missing core 491.0-491.5'				
491.5-544.5	Greywacke; this rock is similar to that occurring in the above banded iron formation. It is pale green extremely fine grained and siliceous (contains dark green spots in bands) at the beginning. Then it changes into dark green, highly chloritic, and not so fine grained rock. In places carbonate patches and metacrysts are abundant - rock appears granular then. The rock is bedded throughout. Bedding at fairly constant angle to core - 30 to 35°.				
544.5-551.2	Banded Iron Formation - as before; banding somewhat confused, bands displaced along small faults. Coarse pyrite cubes at 549' also near the lower contact.				
551.2-562.0	Greywacke, as before				
562.0-564.0	Banded Iron Formation as before				
	End of Hole,				

N.M.P. TORONTO - STOCK FORM NO. 801 REV. 12/51

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SIGNED Radmila Subotincic

DIAMOND DRILL RECORD

Map No. T37795 EJK

PROPERTY Mining Geophysics Co. Limited, Gull Lake

HOLE NO. Gm 6

SHEET NUMBER 1

SECTION FROM 0' TO 207'0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH 367'

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLURRY GOLD †
0.0-3.0	Casing				
3.0-57.0	Conglomerate; grey-green fine grained greywacke, also gritty, matrix with abundant pebbles of various sizes, shapes (mostly rounded), and rock types - granite pebbles, volcanic fragments common. This rock is massive, dense. Some epidote noticed. - Pyrite meta-crystals, small and large, scattered throughout, often more concentrated around and/or in pebbles.				
57.0-94.5	Banded Iron Formation - banding consists of alternating grey and black, the latter rich in magnetite, bands. Banding from 87.3-94.5 at 60 to core. Contorted, brecciated from 61.0-63.0 fragments cemented with green chloritic material. Confused from 83.0-85.0, veined with quartz-carbonate veins.				
	64.8-68.7 fine grained, very dark green, magnetite rich phase, with vague banding; similar, from 70.2-76.5, 78.0-79.0, 85.0-87.3 this last is somewhat shistose - slip planes at 25 to core - and nonmagnetic. -				
	Little pyrite disseminated throughout.				
	Quartz vein at 67.0' at 25 to core; pink carbonate veinlets near 68.0				
94.5-104.6	Fine grained sedimentary rock - pale green-grey, rather soft, with occasional small dark green spots; slightly shistose - slip planes at 45 to core.				
104.6-207.0	Banded Iron Formation; contorted for the most part; in places banding at 20 - 25 to core, in almost parallel to core - generally, it is disturbed and irregular. - Occasional fine grained green phases. - Porous, cream colored carbonate veins or patches at 155.5, 156.0, 157.4, 158.0				

DIAMOND DRILL RECORD

PROPERTY Mining Geophysics Co. Limited, Gull Lake

HOLE NO. Gm 6

SHEET NUMBER 2

SECTION FROM 207.0' TO 367.0'

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH 367'

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	Pyrite, in places coarse grained or in patches, occur occasionally - preferentially associated with green chloritic bands and patches.				
	From 194.0-202.4 fine grained, dark green, chloritic, dense, slightly shistose rock - slip planes at 45 to core, - this is similar several previous occurrences of green rock within iron formation. - Iron formation is magnetite rich; dark red jasper occurs in bands occasionally.				
	Lost: 185.0-190.0 ; 191.6-192.7				
207.0-275.7	Impure arkose. This is grey-green, fine to medium grained porphyritic rock. Fragments of feldspars, ferromagnesian minerals and less common quartz, are set in a finer grained chloritic matrix. "Phenocrysts" have no crystalline outlines; they are partly rounded and thus recognized as fragments. Feldspar fragments disappear near the contacts with the iron formation, those of ferromagnesian minerals persists. This rock is generally finer grained and more chloritic near the both contacts. - This rock is slightly shistose, as at 234.0 at 40 to core.				
	Lost : 211.0-214.0				
275.7-289.0	Banded Iron Formation; black, magnetite rich bands alternate with dark red jasper bands, at 60 to core; in places banding is somewhat distorted.				
289.0-367.0	Arkosic argillite. This rock is similar to the one from 207.0-275.7, but it is less porphyritic, feldspar fragments are absent from most of the length; it is also more chloritic, and contains abundant dark green fragments and patches. It is medium grained and at the lower contact it becomes coarser grained.				

DIAMOND DRILL RECORD

215

132814

PROPERTY Mining Operations Co. Ltd., Gull Lake

HOLE NO. Gm 7

SHEET NUMBER 2 SECTION FROM 0' TO 350' STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED October 19, 1956
 DEPARTURE _____ BEARING 135 (approx.) ULTIMATE DEPTH 400'
 ELEVATION _____ DIP Nom. 45 PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLURRY GOLD †
0.0-46.0	Casing through boulders				
46.0-75.0	Conglomerate, greywacke conglomerate, greywacke. Matrix is fine grained, dark blue-green-gray, and very dense. Pebbles are of different rock types, but granite is common. They are variable in size - boulders as well as small pebbles are common; they are generally all well rounded. Distribution of pebbles is irregular, so that in some sections pebbles are almost absent and rock becomes a greywacke. - Dark green seam at 60.0' at 30 to core, with pyrite. - Scattered pyrite metastasites, preferentially in pebbles.				
75.0-100.0	Ditto Lost: 83.0-100.0				
100.0-175.0	Ditto; pebbles not abundant. Lost: 121.5-123.0, 203.0-270.5				
175.0-300.0	Ditto; pebbles more abundant. Apparent bedding at 186.7' at 25 to core. Pyrite occurs occasionally in the matrix and in pebbles. Thin pyrite veinlets at 219.5'. Heavy fine grained pyrite impregnation from 301.0-302.0. Little chloropyrite noticed at 200.0				
300.0-325.0	Ditto; very fine grained shaly phase, laminated, from 301.0-302.0, lamination at 45 to core. Pyrite very rare. Occasional carbonate metastasites.				
325.0-350.0	Ditto; in this section rock is somewhat confused; patches of green chlorite; epidote alteration occur occasionally. Brecciation along fault at 30 to core from 347.0-350.0. Pyrite metastasites rare. Lost: 350.0-357.0				

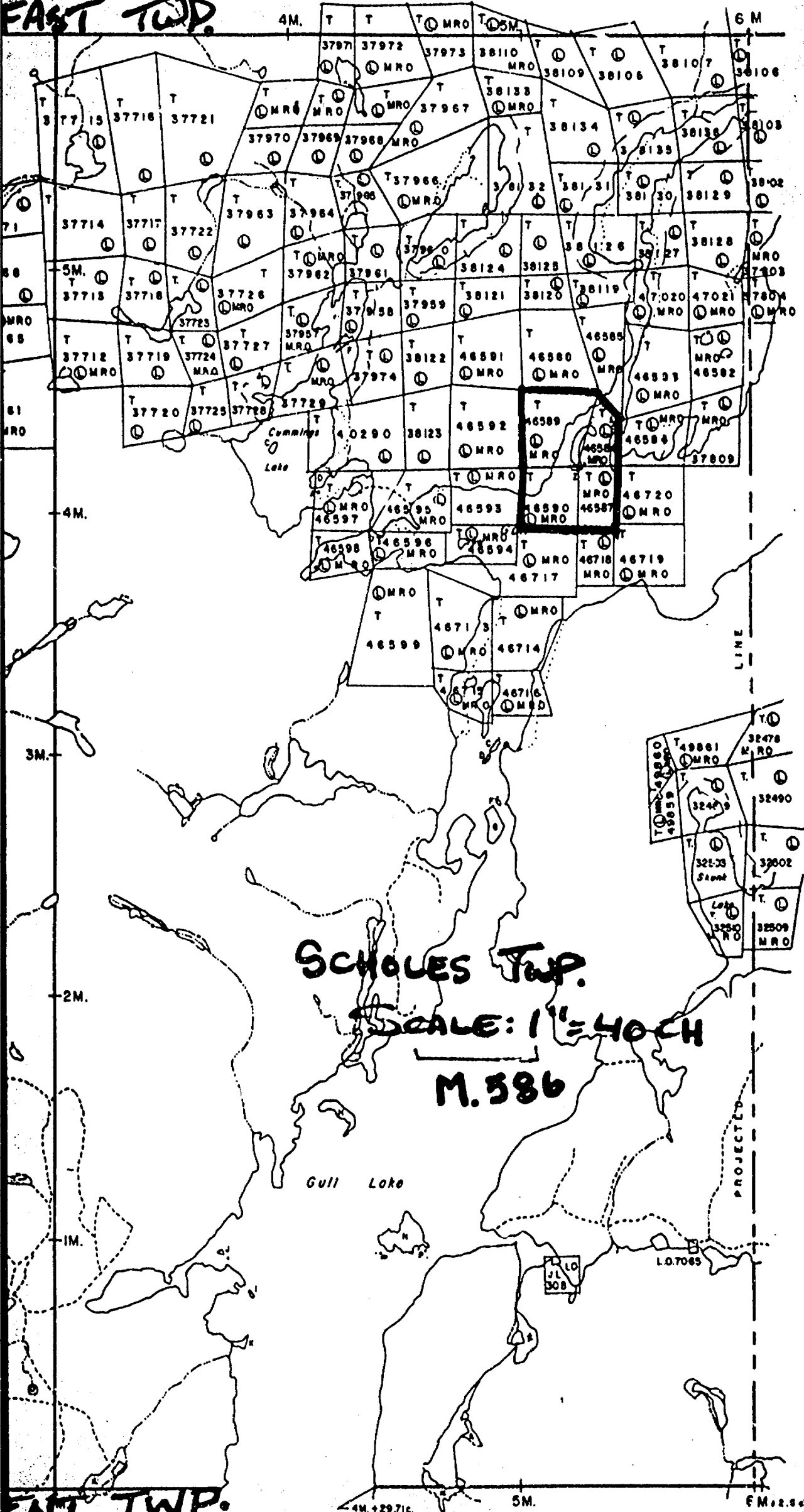
N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY Exploration Drilling Services Co.

SIGNED Edna Subotnic

ST TWP. M.414

EAST TWP.



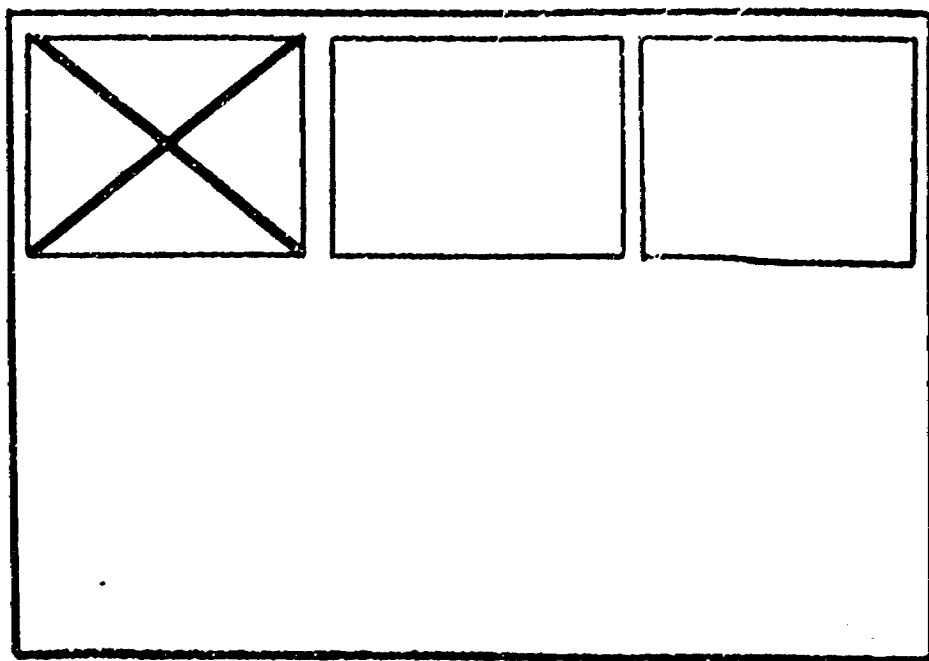
PHYLLIS TWP. M.567

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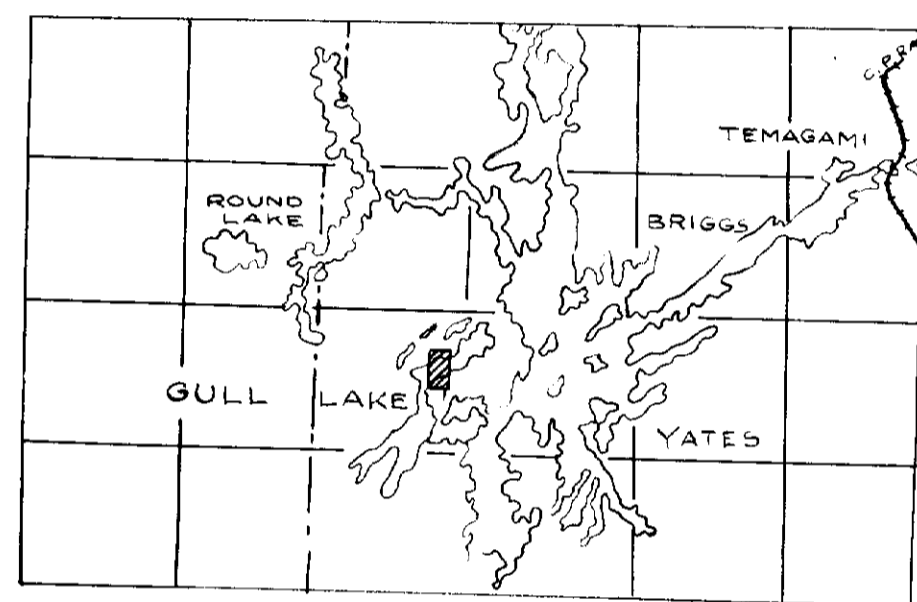
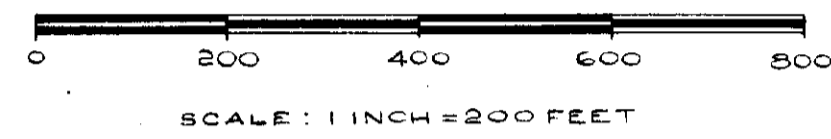
1-1-4

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
SCHOLES-0013-A1-#1

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)



LOCATION OF DIAMOND DRILL HOLES
ON
GULL LAKE PROPERTY
PHYLLIS TWP.
FOR
MINING GEOPHYSICS COMPANY LIMITED.
BY
GEOPHYSICAL ENGINEERING & SURVEYS LTD.



LOCATION MAP.
SCALE: 1 INCH = 8 MILES

