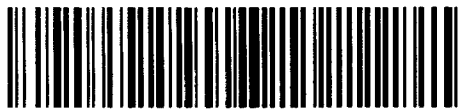


Diamond Drilling



42B05SW0058 13 BRACKIN

010

Township of BRACKIN

Report No: 13

Work performed by: Macabie Mines Limited

Claim No	Hole No	Footage	Date	Note
S 117181	1	136'	Sept/64	(1)
	2	75'	Sept/64	(1)
	3	31'	Sept/64	(1)
	4	180'	Sept/64	(1)
	5	155'	Sept/64	(1)
	6	150'	Sept/64	(1)
S 117180	7	37'	Sept/64	(1)
	8	212'	Sept/64	(1)
	9	65'	Sept/64	(1)
	10	155'	Sept/64	(1)
	11	295'	Sept/64	(1)
	12	187'	Sept/64	(1)


Notes:

(1) FOR MORE INFORMATION SEE TECHNICAL SURVEY FILE #63.3391

DIAMOND DRILL RECORD

NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 1 LENGTH 136'
 LOCATION Claim Group A - Claim S.117181
 LATITUDE 3+72 N. DEPARTURE 0 22 W
 ELEVATION + 20' AZIMUTH N 25 E DIP -60°
 STARTED Sept. 21/64 FINISHED Sept. 22/64

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 1
 REMARKS Drilled by
Griffith Bros. Manitoba

 LOGGED BY A.C.A. HOWE

LANSDRIDGE LIMITED, 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	Ave Gold	
					FROM	TO	TOTAL						
0	6.0	Casing											
6.0	67.0	Diabase. Fine grain (1/32" fel.) Becoming finer grain to contact. Contact at 60° to c.a.											
67.0	78.0	Granite. Gneissic. Pink gneissosity 40° to c.a. Scattered qtz. stringer 30° to c.a. at 70-71.											
78.0	90.0	Quartz injected shear with greenstone inclusions. Contacts 55° to c.a. Qtz. in about 90% of core											
90.0	94.0	Qtz. injected granite and greenstone, pyrite and galena	1		90.0	94.0	4.0			0.89	0.63		
94.0	101.5	Granite (gneiss) Pink changing to grey at 101.5.	12		90.0	91.5	1.5			0.04			
101.5	102.5	Greenstone 70° to c.a.	13		91.5	92.0	0.5			0.01			0.46*
102.5	102.5	Greenstone 70° to c.a.	14		92.0	93.0	1.0			0.01			
102.5	132.5	Grey granite gneiss Greenstone and qtz. at 109 - 110, changing to pink at 125 - 132.6°	15		93.0	94.0	1.0			0.02			
132.5	136.0	Aplitic. Pink with band of grey gr. gneiss 133.5 - 134.5											
END OF HOLE													
*NOTE: Average assay from 2 halves of split core.													

DIAMOND DRILL RECORD

NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 3 LENGTH 31.0'
 LOCATION Group "A" - North Showing
 LATITUDE 3 + 24 N DEPARTURE 0 + 05 W
 ELEVATION + 20' AZIMUTH N 25 E DIP -35°
 STARTED September 23/64 FINISHED September 23/64

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 3 SHEET NO. 1
 REMARKS Drilled by Griffith Bros. Man.
A.C.A. Howe
 LOGGED BY A.C.A. HOWE

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	03.0	Casing								
3.0	31.0	Pink and grey granite tonalite 1" qtz. stringer at 28.0' - 45° to c.a.								
		Hole abandoned at 31.0' due to cave								

LANGRIDGE LIMITED 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY _____
 HOLE NO. 4 LENGTH _____
 LOCATION _____
 LATITUDE _____ DEPARTURE _____
 ELEVATION _____ AZIMUTH _____ DIP _____
 STARTED September 25/64 FINISHED September 26/64

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 4 SHEET NO. 2

REMARKS _____

LOGGED BY W. A. House

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
33.5	117.0	Granite. Mainly grey tonalite with pink aplitic bands at 100-101, 104-105, 110-111, 115-116.									
117.0	120.0	Diabase. Contacts 60° to c.a.									
120.0	142.0	Grey granite. Tonalite.									
142.0	145.5	Greenstone. Contacts 90° 1" qtz. at top									
145.5	180.0	Grey granite. Occasional aplitic bands and qtz. str. 45° to c.a.									
		END									

LANGRIDGE LIMITED, 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 8 LENGTH 212.01
 LOCATION GROUP A - CLAIM S. 117180
 LATITUDE 2 + 80 DEPARTURE 38W
 ELEVATION + 20' AZIMUTH 580°E DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 8 SHEET NO. 1
 REMARKS A.C.A. Howe
 Drilled by Griffiths Bros.
 Diamond Drilling,
 Bissett, Manitoba
 LOGGED BY A.C.A. HOWE

LANGRIDGE LIMITED 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	AVGE	
		FROM			TO	TOTAL							
0	8.0	Casing											
8.0	9.0	Granite											
9.0	11.0	Aplite. Contact 25° to c.a.											
11.0	54.5	Granite. Pinkish, altered with chlorite bands aligned 60° to c.a. Grey qtz. injections in granite. Inclusion, probably lamprophyre at 48.0 - 49.0. Granite grey in colour 49.0 - 54.5.											
54.5	57.0	Aplitic. Aplite interbanded with granite. Contacts 70° to c.a.											
57.0	38.0	Granite. Pinkish colour. Porphyritic.											
38.0	90.5	Diabase. Contacts 45° to c.a.											
90.5	107.5	Granite. Chloritic bands or inclusions 80° to c.a.											
107.5	116.8	Qtz. injected shear zone with lamprophyre (or diabase) digested in granite. (Hybrid granite) Contact of 6" diabase at 104.5 - 105.5 and at 107.5. Dark grey silicified rock with quartz injections from 108.0 - 115.8 and then lamprophyre qtz. injected from 115.8 - 116.8. Bands of badly broken and oxidised qtz. at 111.5 - 111.7 with pyr. and galena. 113.0 - 115.0 - Qtz. barren from 111.7 to 113.0 <u>CHECK SAMPLES</u> 110.0 - 111.5 Grey qtz. injections and 15% pyrite in granite. <u>CHECK SAMPLES</u> 111.5 - 113.5 70% white qtz. and 30% grey granite as before. <u>CHECK SAMPLE</u> 113.5 - 115.0 - Broken qtz. oxidised and mineralized with bands of massive galena and pyrite. (includes 2" from 111.5)	6		110.0	115.5	5.5			0.40		} 0.25	
			25		110.0	111.5	1.5			0.01			
			26		111.5	113.5	2.0			0.02			
			27		113.5	115.0	1.5			0.31			

DIAMOND DRILL RECORD

NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 8 LENGTH 212.01
 LOCATION GROUP A - CLAIM S. 117180
 LATITUDE 2 + 80 DEPARTURE 38W
 ELEVATION + 20' AZIMUTH 580°E DIP -45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 8 SHEET NO. 2
 REMARKS A.C.A. Howe
 Drilled by Griffiths Bros.
 Diamond Drilling,
 Bissett, Manitoba
 LOGGED BY A.C.A. HOWE

LANGRIDGE LIMITED, 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
116.3	125.0	Grey granite. Siliceous and fairly massive.								
125.0	127.0	Lamprophyre dyke, qtz. injected								
127.0	160.0	Granite - Red and aplitic with occasional qtz. str.								
160.0	173.5	Granite. Pink colour, with chlorite streaks aligned 30° to c.a.								
173.5	203.0	Lamprophyre, qtz. injected. Contacts 75° to c.a. Qtz. str. 201.0 - 202.0								
203.0	212.0	Granite. Grey and massive.								
		END OF HOLE 212.0'								

DIAMOND DRILL RECORD

NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 10 LENGTH 155'
 LOCATION GROUP A - CLAIM S. 117180
 LATITUDE 1 + 75 DEPARTURE GOW
 ELEVATION + 7' AZIMUTH N85°E DIP -50°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 10 SHEET NO. 1
 REMARKS A.C.A. Howe
 Drilled by Griffiths Bros.
 Diamond Drilling,
 Bissett, Manitoba,
 LOGGED BY A.C.A. Howe

LANGRIDGE LIMITED, 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	7.0	Casing									
7.0	45.0	Granite. Pinkish with aplitic bands. Core broken and oxidised with some greyish inclusions (Lamprophyre at 23' - 24'.)									
45.0	49.0	Qtz. injected and aplitic with 3% dissem. pyrite. Core broken up.	9				4.0			0.38	
49.0	51.0	Diabase. Contacts 60° to c.a.									
51.0	80.0	Tonalite. (Grey, massive) with minor aplitic bands 80° to c.a.									
80.0	84.0	Aplite with qtz. injections. Qtz. str. 4" wide at 82.0 and mainly qtz. with 5% pyrite and minor galena from 83.0 - 84.0.	10		81.5	84.0	2.5			0.56	
84.0	114.5	Tonalite as before, with occasional 6" - 12" aplite bands.									
114.5	116.5	Lamprophyre. Qtz. injected.									
116.5	117.8	Aplite. Siliceous. SAMPLE	28				1.3			0.01	
117.8	133.0	Granite. Fine gr., pink aplitic with grey inclusions. Inclusions and bands 80° to c.a.									
133.0	155.0	Granite, pink feldspar and porphyritic with dark ferroslag. Occasional pink aplite bands.									
END OF HOLE 155'											

DIAMOND DRILL RECORD

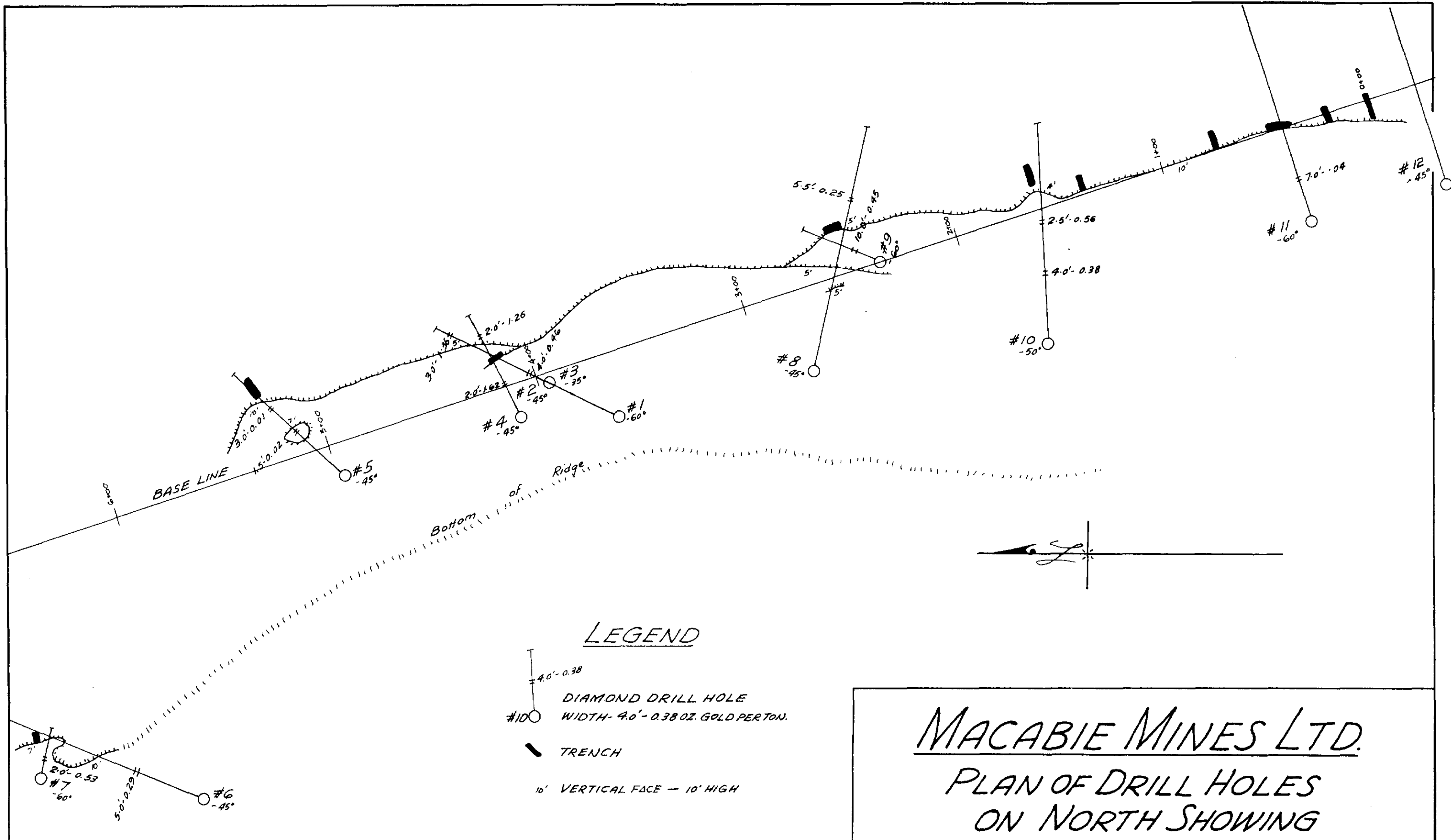
NAME OF PROPERTY MACABIE MINES LTD.
 HOLE NO. 12 LENGTH 187'
 LOCATION GROUP A - CLAIM S117180
 LATITUDE 0 + 205 DEPARTURE 47W
 ELEVATION _____ AZIMUTH N70°E DIP - 45°
 STARTED _____ FINISHED _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 12 SHEET NO. 1
 REMARKS A.C.A. Howe
 Drilled by Griffiths Bros.
 Diamond Drilling,
 Bissett, Manitoba
 LOGGED BY A.C.A. Howe

LANGRIDGE LIMITED 106 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	5.0	Casing									
5.0	6.4	Aplite. Pink.									
6.4	10.7	Granite gneiss, grey, fine gr. Contact 45° to c.a. Qtz. and aplite str. 8.0 - 9.5, aplite 10.0 - 10.7.									
10.7	40.7	Tonalite. Occasional aplite bands 3" wide, at 45° to c.a.									
40.7	45.0	Qtz. injected shear. Granite is fine gr. and gneissic at 90° to c.a. Greyish colour in places. Mineralized with pyrite throughout and containing 30% qtz. Qtz. injected shear Core ground 43.7 - 44.2 and one 1" piece Qtz. is oxidised and with carb.	34		40.7	45.0	4.3			Tr.	
45.0	69.4	Tonalite									
69.4	75.0	Qtz. and aplite injected zone. Probable shear. Contacts 60° to c.a. 50% qtz. including two 12" sections of qtz. containing scattered pyr. and minor galena	35		72.0	75.0	3.0			Tr.	
75.0	109.0	Granite (Tonalite) Grey, with pink aplitic sections 3" - 12" long at 80° to c.a.									
109.0	136.5	Aplite and qtz. injected. Granite is grey. Finer grained in section and schistose. Pyr. dissem. in granite.	37		125.6	127.6	2.0			Tr.	
136.5	147.5	Qtz. injected zone. Numerous qtz. and aplite sections 2" - 12" long at 60° to c.a. Qtz. with sections of ground core containing massive pyr.	36		138.8	140.0	1.2			Tr.	



LEGEND

- DIAMOND DRILL HOLE
WIDTH - 4.0' - 0.38 OZ. GOLD PER TON.
- TRENCH
- 10' VERTICAL FACE - 10' HIGH

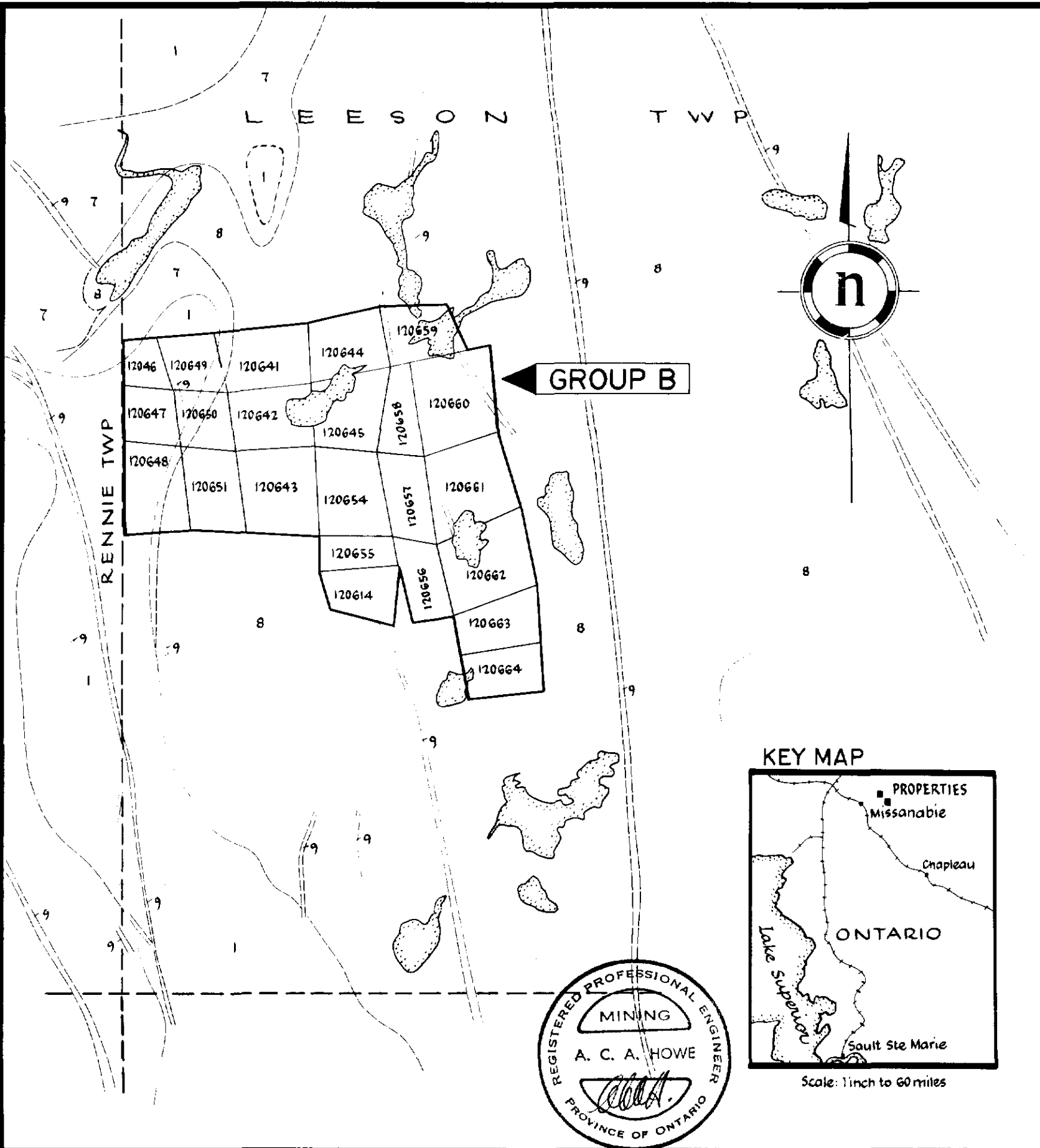
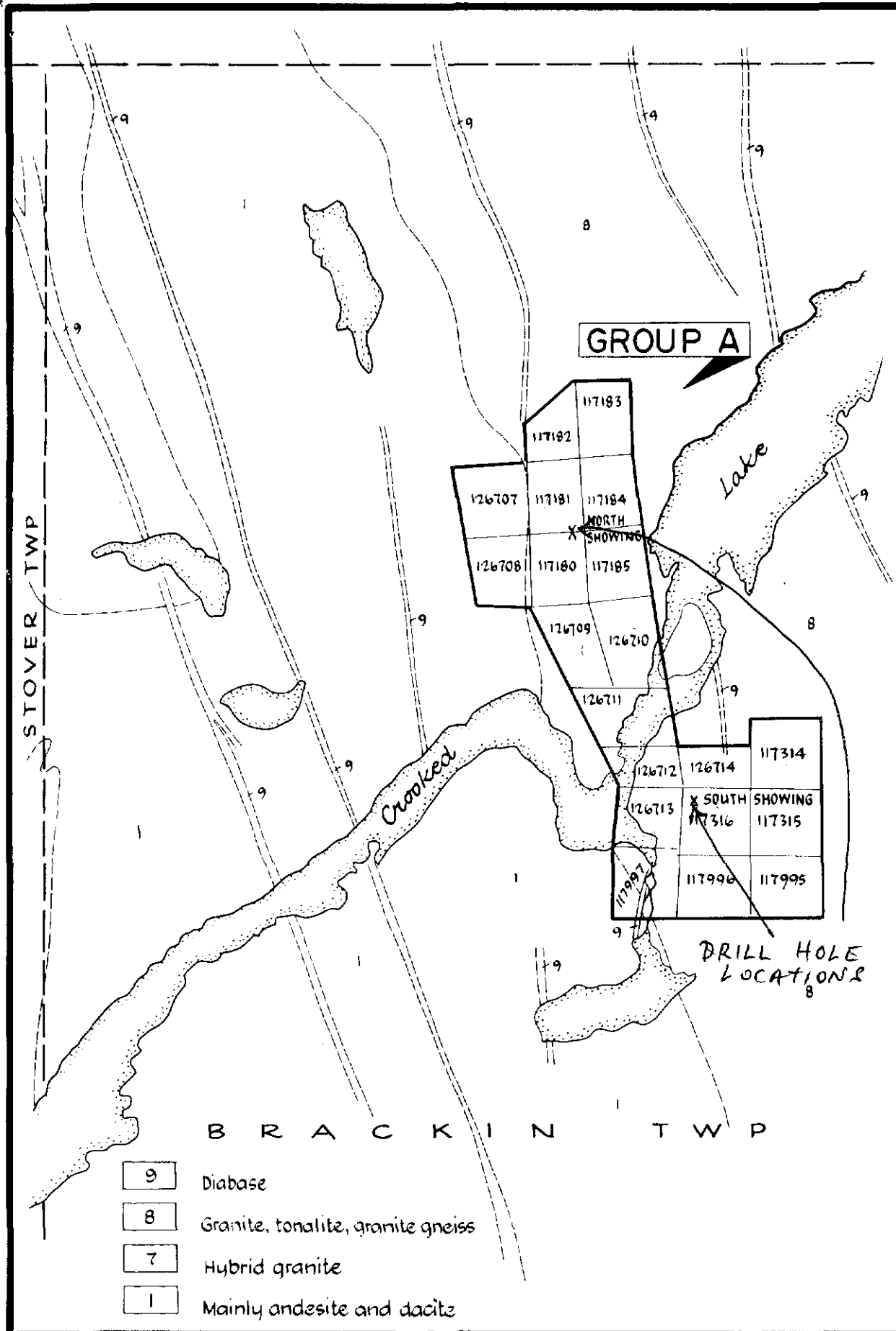
MACABIE MINES LTD.
 PLAN OF DRILL HOLES
 ON NORTH SHOWING

SCALE 1" = 40'

OCT. 30th 1964

File 26-10 Brackin
 Camp.





PREPARED FOR A. C. A. HOWE
 Signed: *A. C. A. Howe*
 Date: _____



CLAIMS LOCATION MAP
BIE MINES LIMITED
 SCALE: 1 inch to 1/2 mile