

41N13SW0008 41N13SW0010A1 MICHIPICOTEN ISLAND

010

Diamond Drilling

Area of MICHIPICOTEN ISLAND

Report N^o 12

Work performed by: Selco Exploration Co. Limited

Claim N ^o	Hole N ^o	Footage	Date	Note
SSM 57368	1	286.0'	1959	
	2	297.0'	1959	
SSM 57367	3	216.0'	1959	
	4	80.0'	1959	
		<u>879</u>		

Notes:



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

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HOLE NO. 1 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft	LOCATION (Tp., Lot, Con. OR Lat. and Long.)	Line 13W 14 - 00S PROPERTY NAME MICHIPICOTEN ISLAND	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
0	14		Casing								
14	15		Very fine grained highly amygdaloidal purplish brown Basalt. Amygdules filled with Calcite and Serpentine (Talc). Some open Vesicles present. Non-magnetic.	1	1	1201	14	15		Cu 8	0.02
15	16		As above. Highly fractured, less amygdaloidal	1	.5						
16	18		As above. Less red in colour. Serpentinized.	2	1.5						
18	26		Fine to medium grain brownish red to grey Basalt, moderately to highly serpentinized. Massive, few amygdules. Serpentine appears as small bodies scattered through the rock giving a "speckled" appearance.	8	8						
			Mineral Composition:- Serpentine - up to 50%. Remainder - Red Feldspar and accessories. No Quartz observed. Few unserpentinized mafics. Non-magnetic.								
26	27		Amygdaloidal Basalt, as 14' - 15' amygdules filled with Calcite and Serpentine. Small amounts of native Copper in some Calcite-filled amygdules.	1	1	1202	26	27		0.95	
27	45		Massive F-Med. Cr. Serpentinized Basalt, as 18' - 26'.	18	18						
45	46.5		Amygdaloidal Basalt, as 14' - 15' Amygdules filled with Calcite.	1.5	1	1203	45	46.5		0.01	
46.5	53.5		Med. grain serpentinized Basalt. As 18' - 26'. 47 - 49 - Moderate number of open Vesicles. Light to dark grey colour. Calcite veinlets up to 1/4" in width at 49.8, 51, 52, 52.5.								
59.5	56		Amygdaloidal Basalt as 14' - 15' Amygdules filled with white and pink Calcite and Serpentine. Some vuggy vesicles lined with Calcite crystals.	2.5	2	1204	53.5	56		0.02	
56	61.5		F. to Med. gr. Serpentinized Basalt as in 18' - 26'. 60 - 61.5 Veinlets of pink and white Calcite up to	6.5	6	1205	60	61		0.02	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulation

DIAMOND DRILL RECORD

HOLE NO. 1

SHEET NO. 1

LOCATION Line 13W
14 / 008

PROPERTY NESTEDDEN ISLAND

BEARING 0°

DIP COLLAR 45°

ELEVATION

TOTAL DEPTH 300'

CORE SIZE 2 1/2"

STARTED June 12/59 COMPLETED June 16/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	14	Casing										
14	15	Very fine grained highly amygdaloidal purplish brown Basalt. Amygdules filled with Calcite and Serpentine (Dale). Some open Vesicles present. Non-magnetic.	1201	14	15	1	1	0.2				
15	16	As above. Highly fractured, less amygdaloidal.				1	.5					NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST, ONT. DEPT. OF MINES SAULT STE. MARIE, ONT. ASSESSMENT WORK
16	17	As above. Less red in colour. Serpentinized.				2	2.5					
18	26	Fine to medium grain brownish red to grey Basalt, moderately to highly serpentinized. Massive, few amygdules. Serpentine appears as small bodies scattered through the rock giving a "speckled" appearance. Mineral Composition:- Serpentine - up to 30%. Remainder - Red Feldspar and accessories. No Quartz observed. Few unserpentinized mafics. Non-magnetic.				8	8					
26	27	Amygdaloidal Basalt, as 14' - 15' amygdules filled with Calcite and Serpentine. Small amounts of native Copper in some Calcite-filled amygdules.	1202	26	27	1	1	0.05				
27	45	Massive F-Med. Gr. Serpentinized Basalt, as 18' - 26'.				18	18					
45	46.5	Amygdaloidal Basalt, as 14' - 15' Amygdules filled with Calcite.	1203	45	46.5	2.5	1	0.01				
46.5	53.5	Med. grain serpentinized Basalt. As 18' - 26'.										
53.5	56	47 - 49 - Moderate number of open Vesicles. Light to dark gray colour. Calcite veinlets up to 1/4" in width at 49.8, 51, 52, 52.5.										
56	61.5	Amygdaloidal Basalt as 14' - 15' Amygdules filled with white and pink Calcite and Serpentine. Some waxy vesicles lined with Calcite crystals.	1204	53.5	56	2.5	2	0.02				
		F. to Med. gr. Serpentinized Basalt as in 18' - 26'. 60 - 61.5 Veinlets of pink and white Calcite up to	1205	60	61	6.5	6	0.02				

NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST, ONT. DEPT. OF MINES SAULT STE. MARIE, ONT.

ASSESSMENT WORK

RECEIVED

AUG 9 1963

RESIDENT GEOLOGIST SAULT STE. MARIE

SSM-501

SEPT. 11/59

DRILLED BY Edwards Drilling - H. Stagnaller, Foreman

SIGNED John Austin *John Austin*



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

FILL IN ON
EVERY PAGE

HOLE NO. 1 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		Line 13W 14 - 00S		
					ft		PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS + Cu	
56	61.5		(cont'd) 1/4" in width. At one point small specks of native copper in a Calcite veinlet. Veinlets intersect core at approx. 20°.								
61.5	63		Fine grained amygdaloidal Basalt. Many fine Calcite veinlets, one 1/4" vein. 63 - Small piece of very fine grain Red Basalt, slightly amygdaloidal, contact sheared, intersects core at 20°. Core missing, only one contact present, small dyke (?)								
63	63.5		Brecciated fine grained Basalt cemented by Calcite. Rockca. 50% Calcite. Native Copper in moderate amounts in the Calcite. Copper surrounded by applegreen material (Malachite-stained Calcite ??).	.5	.5	1206	63	63.5		1.12	
63.5	67		Slightly amygdaloidal fine medium-grained Basalt, slightly red. Many fine Calcite veinlets.	3.5	3						
67	74.5		Fine medium-grained serpentized Basalt, as 18' - 26'. Amygdaloidal in upper sections.	7.5	7.5						
74.5	76		Fine-grained purplish red amygdaloidal Basalt, as 14' - 15'. Some open vesicles.	1.5	1.5						
76	86		Fine medium grained serpentized Basalt. Moderately amygdaloidal in upper portion. At 82' - 4" section of very fine-grained slightly amygdaloidal Basalt.	10	10						
86	88		Very fine-grained amygdaloidal Basalt as in 14' - 15'	2	2						
88	104		Fine medium-grained serpentized Basalt - slightly amygdaloidal in upper portion.	16	15						
104	109		Very fine-grained amygdaloidal Basalt as in 14' - 15'	5	5						
109	117		Fine medium-grained serpentized Basalt as in 18' - 26'	.8	8						
			110 Badly fractured								
			113 Fractured								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

DIAMOND DRILL RECORD

HOLE NO. 1
 SHEET NO. 2
 LOCATION Line 130
 14 / 028

PROPERTY INDIAPOLIS ISLAND

BEARING 9°
 DIP COLLAR 45°

ELEVATION
 TOTAL DEPTH 302'
 CORE SIZE 2 1/8"
 STARTED Aug 12/59 COMPLETED Aug 14/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu				
36	61.5	(cont'd) 1/2" in width. At one point small specks of native copper in a Calcite veinlet. Veinlets intersect core at approx. 20°.										NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST, ONT. DEPT. OF MINES SAULT STE. MARIE, ONT. ASSESSMENT WORK RECEIVED AUG 9 1959 RESIDENT GEOLOGIST SAULT STE. MARIE SSM-503 SEPT. 11/59
61.5	63	Fine grained amygdaloidal Basalt. Many fine Calcite veinlets, one 1/2" vein. 63 - Small piece of very fine grain Red Basalt, slightly amygdaloidal, contact showed, intersects core at 20°. Core missing, only one contact present, small dyke (7).										
63	63.5	Dissected fine grained Basalt cut by Calcite; Redden, 50% Calcite. Native Copper in moderate amounts in the Calcite. Copper is surrounded by apophanite material (Olivine-stained Calcite ??).	1206	63	63.5	.5	.5	1.12				
63.5	67	Slightly amygdaloidal fine medium-grained Basalt, slightly red. Many fine Calcite veinlets.				3.5	3					
67	74.5	Fine medium-grained serpentinized Basalt, as 18' - 26'. Amygdaloidal in upper section.				7.5	7.5					
74.5	76	Fine-grained purplish red amygdaloidal Basalt, as 14' - 15'. Some open vesicles.				1.5	1.5					
76	86	Fine-medium grained serpentinized Basalt. Moderately amygdaloidal in upper portion. At 82' - 4" section of very fine-grained slightly amygdaloidal Basalt.				10	10					
86	88	Very fine-grained amygdaloidal Basalt as in 14' - 15'.				2	2					
88	104	Fine medium-grained serpentinized Basalt - slightly amygdaloidal in upper portion.				16	15					
104	109	Very fine-grained amygdaloidal Basalt as in 14' - 15'.				5	5					
109	117	Fine medium-grained serpentinized Basalt as in 18' - 26'. 110 Badly fractured 113 Fractured				8	8					

DRILLED BY Edward Brilling - E. Stegmiller, Foreman

SIGNED John Austin *John Austin*



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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HOLE NO. 1 PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.) Line 13W 14 - 00S	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			PROPERTY NAME MICHIPICOTEN ISLAND
					ft			

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
117	120		Very fine-grained amygdaloidal Basalt as in 14' - 15'	3	3						
120	133.5		Fine medium-grained serpentized Basalt as in 18' - 26'	13.5	13.5						
			121 - 123 - Open vesicles								
133.5	136		Very fine-grained amygdaloidal Basalt as in 14' - 15'	2.5	2						
136	140		Fine medium-grained serpentized Basalt as in 18 - 26.	4	3.5						
			138 Large Calcite-filled Amygdules.								
140	141.5		Very fine-grained amygdaloidal Basalt as in 14' - 15'.	1.5	1.5						
141.5	152.5		Fine medium-grained serpentized Basalt as in 18' - 26'	11	11						
			147 - 148 Fractured.								
			150 - Fractured.								
152.5	154		Very fine-grained amygdaloidal Basalt as in 14' - 15'								
154	175.5		Fine medium-grained serpentized Basalt as in 18' - 26'.								
			159.5 - 161 - Strongly fractured.								
			165 - 166 - " "								
			170.5 - 171 - Fractured								
			171.5 - 172.5 - 1/4" - 1/2" Pink Calcite and Talc vein parallel core; core fractured.								
			168, 173, 174 - Calcite veinlets @ approx. 25° to core.								
175.5	177.5		Very fine-grained amygdaloidal Basalt as in 14' - 15'	2	1.5						
			Core fractured.								
177.5	193		Fine medium-grained serpentized Basalt as in 18' - 26'	15.5	14.5						
			181.5' - 182.5' - Strongly fractured.								
			190' - " "								
			186 - 187 - Pink Calcite and serpentized (Talc) veinlets.								
			190, 192 - Calcite veinlets.								
193	195		Very fine-grained amygdaloidal Basalt as in 14' - 15'.	2	1.5						
			Some open vesicles.								
195	200		Fine medium-grained serpentized Basalt as in 18' - 26'.								
			196.5 - 1/2" Calcite-Talc vein @ 30° to core								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulation

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 1
SHEET NO. 3
LOCATION Line 138
24 / 008

PROPERTY INDUSTRIAL ISLAND

BEARING 0°
DIP COLLAR 45°

ELEVATION
TOTAL DEPTH 302'
CORE SIZE 3 1/8"
STARTED June 12/59 COMPLETED June 14/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
117	120	Very fine-grained amygdaloidal Basalt as in 14' - 15'				3	3					NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST, ONT. DEPT. OF MINES SAULT STE. MARIE, ONT. ASSESSMENT WORK RECEIVED AUG 9 1963 RESIDENT GEOLOGIST SAULT STE. MARIE
120	133.5	Fine medium-grained serpentinized Basalt as in 18' - 24'. 121 - 123 - Open vesicles.				13.5	13.5					
133.5	136	Very fine-grained amygdaloidal Basalt as in 14' - 15'				2.5	2					
136	140	Fine medium-grained serpentinized Basalt as in 18 - 24'. 138 Large Calcite-filled Amygdaloes.				4	3.5					
140	141.5	Very fine-grained amygdaloidal Basalt as in 14' - 15'				1.5	1.5					
141.5	152.5	Fine medium-grained serpentinized Basalt as in 18' - 24'. 147 - 148 Fractured. 150 - Fractured.				11	11					
152.5	154	Very fine-grained amygdaloidal Basalt as in 14' - 15'				1.5	1.5					
154	173.5	Fine medium-grained serpentinized Basalt as in 18' - 24'. 159.5 - 161 - Strongly fractured. 165 - 166 - " 170.5 - 171 - Fractured. 171.5 - 172.5 - 1/2" - 1/2" Pink Calcite and Tale vein parallel core; core fractured. 168, 173, 174 - Calcite veinlets @ approx. 25° to core.										
173.5	177.5	Very fine-grained amygdaloidal Basalt as in 14' - 15' Core fractured.				2	1.5					
177.5	193	Fine medium-grained serpentinized Basalt as in 18' - 24'. 181.5' - 182.5' - Strongly fractured. 190' - " 186 - 187 - Pink Calcite and serpentinized (Tab.) veinlets. 190, 192 - Calcite veinlets.				15.5	14.5					
193	195	Very fine-grained amygdaloidal Basalt as in 14' - 15'. Some open vesicles.				2	1.5					
195	200	Fine medium-grained serpentinized Basalt as in 18' - 24'. 196.5 - 1/2" Calcite-tale vein @ 30° to core.				5	4					

Drilled by Edwards Drilling - E. Steguller, Toronto

DRILLED BY

SIGNER John Austin

SEPT. 11/59

John Austin



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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MOLE NO. 1 PAGE NO. 4

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft			LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			Line 13W 14 - 00S		
				ft			PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE		Remarks	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO		Cu	Ag
195	200		(cont'd) 199 - Strongly fractured. 198 - 199 - Calcite veinlets.								
200	201		Very fine-grained amygdaloidal Basalt as 14' - 15' 1/4" Calcite veins.	1	1						
201	204		Fine medium-grained serpentized Basalt as in 14' - 15'	3	3						
204	206	Approx. 160' - 190' - Poor drilling ground - many clay-filled slip planes and seams.	Network of intersecting Calcite veinlets, many 1/4" wide. Very fine-grained amygdaloidal Basalt. Portions have been brecciated and cemented by Calcite. Finer grained portions show 1/2" Laminae, subconchoidal fracture.	2	1						
206	224		205 - Strongly fractured. 205.5 - Slip planes @ 30° to core. Fine medium-grained serpentized Basalt as 18' - 26' Thick flow - middle quite coarse grain decidedly blue-grey colour. 206-213 White and Pink Calcite veinlets. 213-222 Blue-grey massive central portion. 211-212 - 3" shear @ 25° to core. 1 1/2" white and pink calcite vein, many veinlets. 210.5 - Strongly fractured. 220 - " " "	18	17.5						
224	229		Very fine-grained amygdaloidal Basalt as in 14' - 15'	5	5						
229	246		Fine medium-grained serpentized Basalt as in 18' - 26' 231 Fractured. 234 - 236 - Fractured. 241.5 - 242.5 - Shear @ 20° to core. 4" Calcite vein containing angular Basalt fragments along margins. Minor amounts of native copper. 244.5 - 245 - 2" pink and white Calcite vein @ 20° to core.	17	16						
						1207	241.5	242.5		0.15	
						1208	244.5	245		0.02	
246	249		Very fine-grained amygdaloidal Basalt as in 14' - 15' 246 - Fractured.	3	3						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulation

DIAMOND DRILL RECORD

HOLE NO. 1
 SHEET NO. 4
 LOCATION Line 13W
 14 / 008

PROPERTY INDIPELONNE ISLAND

BEARING 0°
 DIP COLLAR 49°

ELEVATION
 TOTAL DEPTH 302'
 CORE SIZE 2 1/2" x 7/8"

STARTED June 12/59 COMPLETED June 16/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu	Ag			
199	200	(cont'd) 199 - Strongly fractured.										
199	200	199 - 199 - Calcite veinlets.										
200	201	Very fine-grained amygdaloidal Basalt as in 14' - 15'. 1/2" Calcite veins.				1	1					
201	204	Fine medium-grained serpentinized Basalt as in 14' - 15'. Network of intersecting Calcite veinlets, many 1/2" wide.				3	3					
204	206	Very fine-grained amygdaloidal Basalt. Portions have been brecciated and cemented by Calcite. Finer grained portions show 1/2" Lonsdale, subconchoidal fracture;				2	1					
206	224	205 - Strongly fractured, 205.5 - Slip planes @ 30° to core. Fine medium-grained serpentinized Basalt as in 18' - 26'. Thick flow - middle zone coarse grain decidedly blue- gray colour. 206-213 White and Pink Calcite veinlets, 213-222 Blue-gray massive central portion, 213-212 - 3" shear @ 29° to core, 1 1/2" white and pink calcite vein, many veinlets. 216.5 - Strongly fractured, 220				19	17.5					Approx. 160' - 190' - Poor drilling ground - many clay-filled slip planes and seams.
224	229	Very fine-grained amygdaloidal Basalt as in 14-15'. 221 Fractured, 224 - 226 - Fractured, 241.5 - 242.5 - Shear @ 20° to core, 4" Calcite vein containing angular Basalt fragments along margin. Minor amounts of native copper.	1207	241.5	242.5	3	3					
229	246	244.5 - 245 - 2" pink and white Calcite vein @ 20° to core. Very fine-grained amygdaloidal Basalt as in 14' - 13'. 246 - Fractured.	1208	244.5	245	17	16	0.15				
246	249							0.02				

NOT TO BE REMOVED FROM
 THE OFFICE OF THE RESIDENT
 GEOLOGIST, ONT. DEPT. OF MINES
 FAULT STE. MARIE, ONT.

RESIDENT WORK

RECEIVED
 AUG 9 1963

RESIDENT GEOLOGIST
 FAULT STE. MARIE

2 21 10 11

SEPT. 11/59

DRILLED BY Edwards Drilling - H. Stegmiller, Foreman

SIGNED John Austin *John Austin*

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 1
SHEET NO 3
LOCATION Line 13W
14 / 008

PROPERTY INDIAPROBES ISLAND

BEARING 0°
DIP COLLAR 45°

ELEVATION
TOTAL DEPTH 302'
CORE SIZE 2 1/8"
STARTED June 12/59 COMPLETED June 16/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS	
								Cu	Ag				
249	261.5	Fine medium-grained serpentinized Basalt as in 18' - 26'. 251-254 Calcite veinlets. 253-253.4 - 1/2" Calcite vein @ 20° to core. Minor amount of native silver (T)	1209	253	253.4	15.5	15.5	0.04	Tr.			ASSESSMENT WORK RECEIVED AUG 9 1962 RESIDENT GEOLOGIST SAULT STE. MARIE NOT TO BE REMOVED FROM THE OFFICE OF THE RESIDENT GEOLOGIST, ONT. DEPT. OF MINES SAULT STE. MARIE, ONT. SEPT 11/59	
261.5	263	255.5, 256, 261.5 - Strongly fractured. Very fine-grained amygdaloidal Basalt as in 14' - 15'				1.5	1.5						
263	265.5	Fine-medium grained serpentinized Basalt as in 18' - 26' 266.5-261.5 - Fractured 265 - " 266.5 - 267 - "				22.5	21						
		272.5 - 272.8 - 3/4" Calcite vein containing angular fragments of Basalt - small amounts of native Ag and Cu (T) Vein at 20° to core	1210	272.5	272.8			0.10	N11				
		274 - Fractured 278 - 1/2" Calcite and Tale vein. 280 - 280.5 - Strongly fractured. 281 - 1/2" Calcite and Tale vein @ 30° to core. 283.5 - 283.7 - 1/2" Calcite vein, minor amounts of native copper.	1211	283.5	283.7			0.12					
285.5	286	Very fine-grained amygdaloidal Basalt as in 14' - 15'. Fractured, some core missing.											
286	302	Fine-medium grained serpentinized Basalt as in 18' - 26' 288-289 White and pink Calcite veins @ 20° to core - minor amounts of native copper. 291 - 1/2" Qtz. - Calcite vein @ 90° to core. 293.5 Strongly fractured 299.8 1/2" Calcite veinlet @ 90° to core - moderate amounts of native copper - one piece 1/2" long.	1212	288	289	16	15.5	0.04	N11				
						END OF HOLE AT 302'							
						CORE STORED AT DRILLSITE							

DRILLED BY Edwards Drilling - H. Stagnaller, Toronto

SIGNED John Austin *John Austin*



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

FILL IN ON EVERY PAGE

HOLE NO. 2 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.		
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.) Line 13W 16-90S			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			PROPERTY NAME MICHIPICOTEN ISLAND		
					ft					

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS +	
0	26		Casing								
26	44		Fine-medium grained serpentized Basalt, as in Hole #1 - 18' - 26'	18	16						
			28-40 - Med. - coarse grain massive middle section of flow. Some portions almost pegmatitic. Diabasic texture serpentine and unaltered mafics co. 50% reddish feldspar, chiefly plagioclase in laths - 50%. No quartz visible.								
			35-36 Strongly fractured.								
			39-39.5 Fractured.								
44	52		41 1/2" Calcite veinlet @ 45° to core. Very fine-grained purplish brown amygdaloidal Basalt as in hole #1 - 14' - 15'. Amygdules filled with Calcite, some serpentine.	8	7						
			49.5 Fractured.								
52	85		50 " ; clay seam Fine-medium grained serpentized Basalt.	33	27						
			55 - 2" Fractured.								
			58 - 59 - Strongly fractured; clay.								
			65 - 74 - Massive coarse grain middle portion.								
			74 - 74.5 - Strongly fractured.								
			78 - 78.5 Fractured.								
			81 - 82 "								
			84 - 84.5 "								
85	92		Very fine-grained amygdaloidal Basalt.	7	6						
			90 - 92 - Fractured.								
92	102		Fine-medium grained serpentized Basalt.	10	8						
			93 - 97 - Fractured.								
			99 - 100 - " ; clay seam.								
			101.5 - 102 - Fractured.								
102	103		Very fine-grained amygdaloidal Basalt.	1	.5						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Department of Mines.

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 2

SHEET NO 1

LOCATION Site 137
107/59

PROPERTY INDIAPOLIS 21433

BEARING 60

DIP COLLAR 49°

ELEVATION —

TOTAL DEPTH 290'

CORE SIZE 2 1/2

STARTED June 17/59

COMPLETED June 20/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	26	Casing										
26	44	Fine-medium grained serpentinized Basalt, as in Hole #1 - 18' - 24' 28-40 - Med.-coarse grain massive middle section of flow. Some portions almost pegmatitic. Diabasic texture serpentine and unaltered mafics ca. 30% reddish feldspar, chiefly plagioclase in laths - 50%. No quartz visible. 35-36 Strongly fractured. 38-39.5 Fractured.				18	16					
44	52	41 1/2 Caliche veinlet @ 45° to core. Very fine-grained purplish brown amygdaloidal Basalt as in hole #1 - 14' - 15'. Amygdaloid filled with Calcite, some serpentine. 40.5 Fractured. 50 " ; clay seam				8	7					
52	85	Fine-medium grained serpentinized Basalt. 55 - 57 Fractured. 58 - 59 - Strongly fractured; clay. 65 - 74 - Massive coarse grain middle portion. 74 - 74.5 - Strongly fractured. 78 - 78.5 - Fractured. 81 - 82 - " 84 - 84.5 - "				33	27					
85	92	Very fine-grained amygdaloidal Basalt. 90 - 92 - Fractured.				7	6					
92	102	Fine-medium grained serpentinized Basalt. 93 - 97 - Fractured. 99 - 100 - " ; clay seam. 101.5 - 102 - Fractured.				10	8					
102	103	Very fine-grained amygdaloidal Basalt.				1	.3					

ASSESSMENT WORK

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SEPT 11/59

DRILLED BY Edwards Drilling - E. Stegmiller, Foreman

SIGNED John Austin John Austin



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

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HOLE NO. 2
PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		Line 13W 16 - 00S		
					ft		PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE		ROCK TYPE	DESCRIPTION <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS †	
FROM	TO						FROM	TO		Cu	Ag
103	107.5		Fine-medium grained serpentized Basalt.								
107.5	109		Very fine-grained amygdaloidal Basalt; small amounts native Copper in Calcite-filled amygdules. 107.5 - Clay seam.	1.5	1.5	1214	107.9	109		0.06	Nil
109	115.5		Fine-medium grained serpentized Basalt. 114.5 - 115 - Very strongly fractured; clay seam. 111.5 - 112 - Strongly fractured.	6.5	4.5						
115.5	117		Very fine-grained amygdaloidal Basalt - small amounts native copper in Calcite-filled amygdules and in Calcite in a 1/2" brecciated zone.	1.5	1.5	1215	116	116.5		0.09	Nil
117	121		Fine-medium grained serpentized Basalt	4	4						
121	121.5		Very fine-grained slightly amygdaloidal Basalt.	.5	.5						
121.5	122.5		Fine-medium grained serpentized Basalt.	1	1						
122.5	124		Very fine-grained amygdaloidal Basalt.	1.5	1.5						
124	129.5		Fine-medium grained serpentized Basalt. 125.5 - 126 - Strongly fractured; clay.	5.5	5						
129.5	130		Very fine-grained amygdaloidal Basalt.	.5	.5						
130	135		Fine-medium grained serpentized Basalt - Diabasic texture.	10.5	10						
135	137.5		Very fine-grained amygdaloidal Basalt.	2.5	2.5						
137.5	142		Fine-medium grained serpentized Basalt. 140.5-141 - Fractured.	4.5	4.5						
142	142.5		Very fine-grained slightly amygdaloidal Basalt.	.5	.5						
142.5	155		Fine-medium grained serpentized Basalt. 150.5 - 3" Strongly fractured.	10.5	10						
155	156		Very fine-grained amygdaloidal Basalt.	1	1						
156	157.5		Vein of coarsely crystalline white Calcite containing small angular fragments of very fine-grained Basalt near margins.	1.5	1						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation.

DIAMOND DRILL RECORD

HOLE NO. 2

SHEET NO. 2

LOCATION Line 137
16 / 000

PROPERTY ~~WINDYBROOK ISLAND~~

BEARING 0°

DIP COLLAR 49°

ELEVATION

TOTAL DEPTH

CORE SIZE

STARTED

June 17/59

COMPLETED

June 20/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu %	Ag			
103	107.5	Fine-medium grained serpentinized Basalt.										
107.5	109	Very fine-grained amygdaloidal Basalt; small amounts native Copper in Calcite-filled amygdaloes. 107.5 - Clay seam.	1214	107.9	109	1.5	1.5	0.06				
109	115.5	Fine-medium grained serpentinized Basalt. 114.5 - 115 - Very strongly fractured; clay seam. 111.5 - 112 - Strongly fractured.				6.5	4.5					
115.5	117	Very fine-grained amygdaloidal Basalt - small amounts native copper in Calcite-filled amygdaloes and in Calcite in a 1/2 associated seam.	1215	116	116.5	1.5	1.5	0.09				
117	121	Fine-medium grained serpentinized Basalt				4	4					
121	121.5	Very fine-grained slightly amygdaloidal Basalt.				.5	.5					
121.5	122.5	Fine-medium grained serpentinized Basalt.				1	1					
122.5	124	Very fine-grained amygdaloidal Basalt.				1.5	1.5					
124	129.5	Fine-medium grained serpentinized Basalt. 125.5 - 126 - Strongly fractured; clay.				5.5	5					
129.5	130	Very fine-grained amygdaloidal Basalt.				.5	.5					
130	133	Fine-medium grained serpentinized Basalt - Diabasic texture.				10.5	10					
133	137.5	Very fine-grained amygdaloidal Basalt.				2.5	2.5					
137.5	142	Fine-medium grained serpentinized Basalt. 140.5-141 - Fractured.				4.5	4.5					
142	142.5	Very fine-grained slightly amygdaloidal Basalt.				.5	.5					
142.5	153	Fine-medium grained serpentinized Basalt. 150.5 - 3" Strongly fractured.				10.5	10					
153	156	Very fine-grained amygdaloidal Basalt.				1	1					
156	157.5	Vein of coarsely crystalline white Calcite containing small angular fragments of very fine-grained Basalt near margin.				1.5	1					

ASSESSMENT WORK

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THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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HOLE NO. 2 PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Twp., Lot, Con. OR Lat. and Long.) Line 13W 16 - 00S	PROPERTY NAME MICHIPICOTEN ISLAND
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			

FOOTAGE FROM TO	Remarks	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +		
						FROM	TO				
157.5	159.8	157.5 - 171 - Clay zone - core missing	2.3	0							
159.8	161	Extremely poor drilling ground	1.2	.5							
		160.2 - 161 - Coarsely crystalline white Calcite vein - Large Calcite strongly fractured.									
161	162.8	veins, much clay and rotten rock. Return water followed this seam, indicating open flow.									
162.8	168	Med. grained serpentized Basalt; very strongly fractured core finely ground from 163.5 to 166. Rock is rotten, crumbles readily between the fingers.	5.2	1							
		166 - 1/2" white Calcite veinlet.									
		167 - Calcite vein.									
168	169	Very fine-grained slightly amygdaloidal Basalt - fractured.	1	1							
169	172	Fine-medium grained serpentized Basalt.	3	2							
		169.8 - 170.8 - White Calcite veins.									
		171 - 4" fracture.									
172	173	Very fine-grained amygdaloidal Basalt - Calcite veinlets	.1	1							
173	183.5	Fine-medium grained serpentized Basalt.	10.5	10.5							
		174 - 1/2" Calcite veinlets									
		174.5, 176, 176.5, 177 - 1/2" Calcite veinlets @ 30° to core.									
183.5	184.5	Very fine-grained amygdaloidal Basalt.	1	1							
184.5	189	Fine-medium grained serpentized Basalt.	4.5	3.5							
		186.5 - 187 - Fractured.									
189	190	Very fine-grained amygdaloidal Basalt.	1	.8							
		189.8 - 190 - Strongly fractured.									
190	200	Fine-medium grained serpentized Basalt.	10	9.5							
		198.6 - 3" Fracture									
200	201.5	Very fine-grained amygdaloidal Basalt.	1.5	1.5							
201.5	211.5	Fine-medium grained serpentized Basalt.	10	10							
		201.8 - 202 - Strongly fractured.									
211.5	213	Very fine-grained amygdaloidal Basalt.	1.5	1							
		211.5 - 212 - Fractured.									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulation.

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 2
SHEET NO. 3
LOCATION Line 13W
16 / 02E

PROPERTY INDIAPROBES DRILL
BEARING 0°
DIP COLLAR 69°

ELEVATION 00
TOTAL DEPTH 200'
CORE SIZE 2 1/2"
STARTED June 17/59 COMPLETED June 20/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
157.5	159.0	Clay zone - core missing.				2.3	0					157.5 - 171 - Extremely poor drilling ground. Large Calcite veins, much clay and rotten rock. Return water followed this zone, indicating open flow.
159.0	161	Med.-grained serpentinitized Basalt; much clay. 160.3 - 161 - Coarsely crystalline white Calcite vein - strongly fractured.				1.2	.3					
161	162.5	Clay zone - core missing.										
162.5	166	Med. grained serpentinitized Basalt; very strongly fractured core finely ground from 163.5 to 166. Rock is rotten, crumbles readily between the fingers. 166 - 1/2" white Calcite veinlet. 167 - Calcite vein.				3.2	1					
168	169	Very fine-grained slightly amygdaloidal Basalt - fractured.				1	1					
169	172	Fine-medium grained serpentinitized Basalt. 169.8 - 170.8 - White Calcite veins. 171 - 4" fracture.				3	2					
172	173	Very fine-grained amygdaloidal Basalt - Calcite veinlets.				1	1					
173	183.2	Fine-medium grained serpentinitized Basalt. 174 - 1/2" Calcite veinlets 176.5, 176, 176.5, 177 - 1/2" Calcite veinlets @ 30° to core.				10.5	10.5					
183.2	184.5	Very fine-grained amygdaloidal Basalt.				1	1					
184.5	189	Fine-medium grained serpentinitized Basalt. 186.5 - 187 - Fractured.				4.5	3.5					
189	190	Very fine-grained amygdaloidal Basalt. 189.8 - 190 - Strongly fractured.				1	.8					
190	200	Fine-medium grained serpentinitized Basalt. 190.6 - 3" fracture				10	9.5					
200	201.5	Very fine-grained amygdaloidal Basalt.				1.5	1.5					
201.5	211.5	Fine-medium grained serpentinitized Basalt. 201.8 - 202 - Strongly fractured.				10	16					
211.5	213	Very fine-grained amygdaloidal Basalt. 211.5 - 213 - Fractured.				2.5	1					

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DRILLED BY Edwards Drilling - H. Scagniller, Foreman

SIGNED John Austin



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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HOLE NO. 2 PAGE NO. 4

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		Line 13W 16 - 00S		
					ft		PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
							FROM	TO		Cu%	
213	222		Fine-medium grained serpentized Basalt. 219 - 220 - Fractured	9	8.5						
222	223		Very fine-grained amygdaloidal Basalt.	1	1						
223	233		Fine-medium grained serpentized Basalt. 223.5 - 224 - Fractured.	10	9.8						
233	235		Very fine-grained amygdaloidal Basalt - Moderate amounts of native copper in Calcite-filled amygdules.	2	2	1216	233.5	234.8		0.08	
235	245		Fine-medium grained serpentized Basalt. 237.5 - 238 - Fractured.	10	9.5						
245	247		Very fine-grained amygdaloidal Basalt. 246.5 - 247 - Fractured.	2	1.5						
247	260		Fine-medium grained serpentized Basalt. 255 - 258 Highly serpentized "speckled" zone.	13	13						
260	261		Very fine-grained amygdaloidal Basalt.	1	1						
261	264		Fine-medium grained serpentized Basalt - highly amygdaloidal.	3	3						
264	266.5		Fine-medium grained serpentized Basalt.	2.5	2.5						
266.5	268		Very fine-grained amygdaloidal Basalt. Small amounts of native copper in amygdules. At 267.5 - 2" Calcite vein containing native copper.	1.5	1.5	1217	267	268		0.14	
268	278.5		Fine-medium grained serpentized Basalt - moderately amygdaloidal in upper part. 275 - 276, 276.5 - 277 - Strongly fractured.	12.5	10.5						
278.5	280.5		Very fine-grained amygdaloidal Basalt. Small amount of native copper in Calcite-filled amygdules.	2	2	1218	279.5	280.5		0.11	
280.5	295.5		Fine-medium grained serpentized Basalt. 285 - Clay seam 286 - 286.5 - Fractured. 288 - 2" Fracture.	15	14						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Worksheet

DIAMOND DRILL RECORD

HOLE NO. 2
SHEET NO. 4
LOCATION

Line 13W
16 / 608

PROPERTY ROCHEREAU BRASS

BEARING 0°
DIP COLLAR 45°

ELEVATION --
TOTAL DEPTH 290'
CORE SIZE 2 1/2"

STARTED June 17/59 COMPLETED June 26/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Ca				
213	222	Fine-medium grained serpentinized Basalt. 219 - 220 - Fractured.				9	8.5					
222	223	Very fine-grained amygdaloidal Basalt.				1	1					
223	233	Fine-medium grained serpentinized Basalt. 223.5 - 224 - Fractured.				10	9.8					
233	235	Very fine-grained amygdaloidal Basalt - Moderate amounts of native copper in Calcite-filled amygdalae.	1216	233.5	234.8	2	1	0.08				
235	245	Fine-medium grained serpentinized Basalt. 237.5 - 238 - Fractured.				10	9.3					
245	247	Very fine-grained amygdaloidal Basalt. 244.5 - 247 - Fractured.				2	1.3					
247	260	Fine-medium grained serpentinized Basalt. 255 - 258 Highly serpentinized "speckled" zone.				13	13					
260	261	Very fine-grained amygdaloidal Basalt.				1	1					
261	264	Fine-medium grained serpentinized Basalt - highly amygdaloidal.				3	3					
264	266.5	Fine-medium grained serpentinized Basalt.				2.5	2.5					
266.5	268	Very fine-grained amygdaloidal Basalt. Small amounts of native copper in amygdalae. At 267.5 - 2" Calcite vein containing native copper.	1217	267	268	1.5	1.5	0.14				
268	278.5	Fine-medium grained serpentinized Basalt - moderately amygdaloidal in upper part. 275 - 276, 276.5 - 277 - Strongly fractured.				12.5	10.3					
278.5	280.5	Very fine-grained amygdaloidal Basalt. Small amount of native copper in Calcite-filled amygdalae.	1218	279.5	280.5	2	2	0.11				
280.5	295.5	Fine-medium grained serpentinized Basalt. 285 - Clay zone, 286 - 286.5 - Fractured, 288 - 2" Fracture.				15	14					

ASSESSMENT WORK

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S 5M-301

SEPT. 11/59

DRILLED BY Edwards Drilling - H. Stagnulier, Foreman

SIGNED John Austin *John Austin*

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 2
 SHEET NO. 3
 LOCATION Line 13W
 16 / 088

PROPERTY MINNEAPOLIS ISLAND

BEARING 0°
 DIP COLLAR 45°

ELEVATION 00
 TOTAL DEPTH 200'
 CORE SIZE 200'

STARTED Aug 17/59 COMPLETED Aug 20/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
295.5	297	Very fine-grained amygdaloidal basalt. Small amount native copper in amygdaloes. Moderate amygdaloidal fine-medium grained serpentinized basalt.	1219	296	297	1.5	1.5	0.2				<p>END OF HOLE AT 200'. CORE STORED AT DRILLSITE</p>
297	200							0.11				

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John Austin

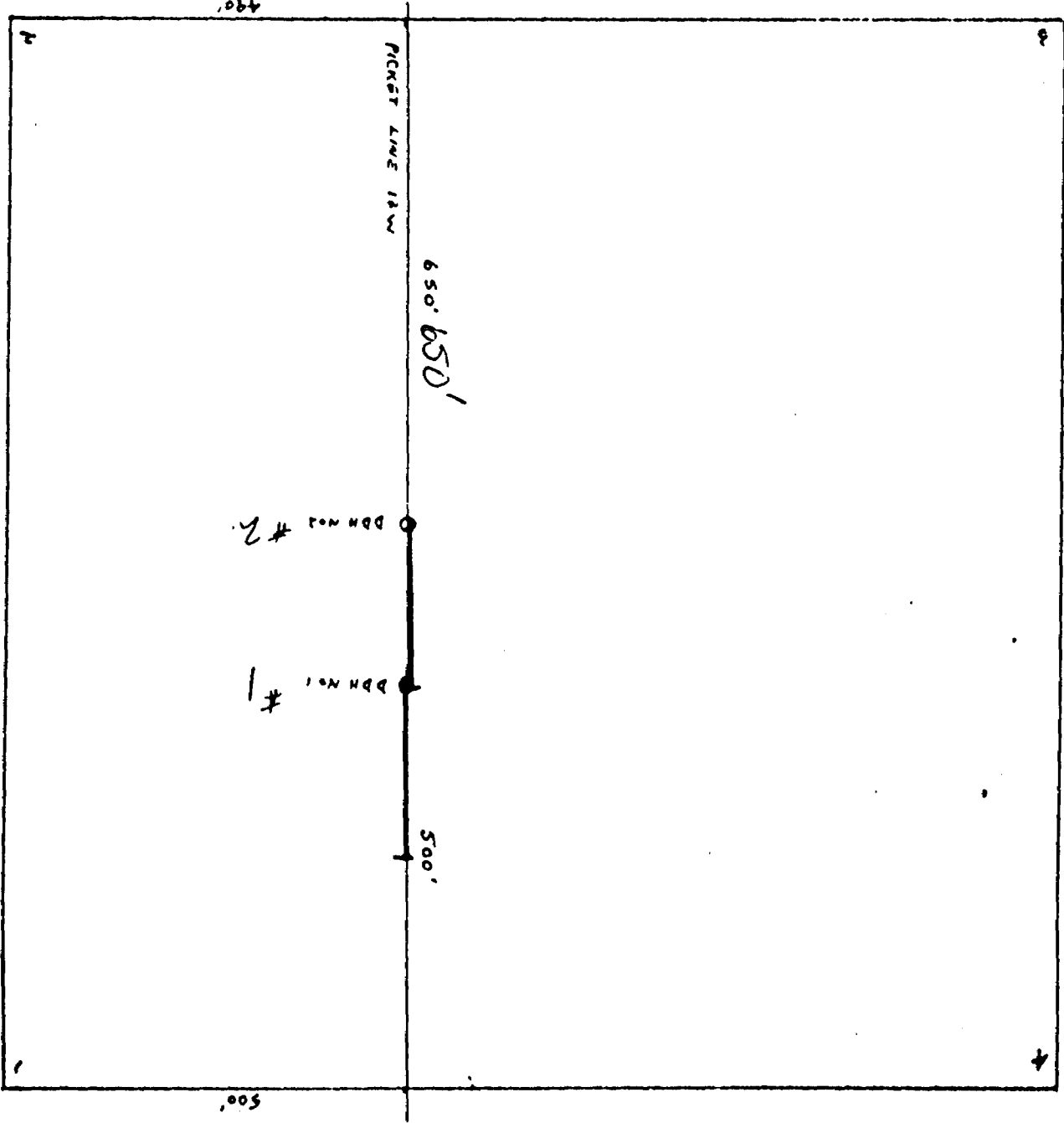
1/9/59
78.80

1" = 200 FT

Scale 1" = 200 FT

SEECO EXPLORATION CO. LTD

490'



57368

CLAIM 55M 57368

LOCATION OF D.B. HOLES NOS. 1 & 2

LOCATION OF DB HOLES # 1 & 2



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

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EVERY PAGE

HOLE NO. PAGE NO.
1 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.) Line 12-00W 14-20S	PROPERTY NAME MICHIPICOTEN ISLAND
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO		Cu	8
0	14		Casing								
14	23		Fine-medium grained serpentized Basalt as in Hole #1, 18' - 26'. Slightly amygdaloidal in places. 14' - 14.5', 20 - 21' - Strongly fractured. 17 - 3" fracture.	9	7						
23	30		Fine-grained reddish brown amygdaloidal Basalt as in Hole #1 - 14' - 15' amygdules filled with Calcite and serpentine (Talc), some Prehnite and Datolite. 23 - 2" strongly fractured. 23.5 - 3" greenish portion in dominantly reddish brown rock (iron reduced??) 24 3" seam thick red clay 26 - 27 - Fractured. 27 - 27.3 Fractured Basalt cemented by veinlets of Prehnite (?).	7	6	1221	25	26	0.10		
30	45		Fine-grained moderately serpentized Basalt. 31.5 - 32 Strongly fractured. 33.5 1/2" qtz. vein 35 - 36.8 - No core - clay seams. 38 - 40 - Strongly fractured. 41 - 42 - Fractured.	15	11	1222	32	33	0.09		
45	72		Medium grained serpentized Basalt - "speckled" appearance. 47 - 48 - Fractured. 49 - 50 - " 53 - 54, 57-58 Strongly fractured. 64 - 67 - Fractured. 68 - 71 No core - clay seam 71.5 - 3" pegmatitic section. Plag. Feldspar in long laths. Small speck of native copper.	27	15	1223	42	43	0.04		
						1224	50	51	0.05		
						1225	67	68	0.02		
						1226	71.5	71.8	0.03		
72	110		Medium grained serpentized Basalt, mottled appearance "Ophite".	38	26						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Book.

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 3

SHEET NO. 1

LOCATION 1 km 12/00W
14/28E

PROPERTY NEEDLEPOINT DELAND

BEARING 0°

DIP COLLAR 49°

ELEVATION 00

TOTAL DEPTH 223'

CORE SIZE 2 1/2

STARTED June 21/59

COMPLETED June 24/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Ca				
0	14	Casing										
14	23	Fine-medium grained serpentinized Basalt as in Hole #1, 18' - 26'. Slightly amygdaloidal in places. 14' - 14.5', 20 - 21' - Strongly fractured. 17 - 3" fracture.				9	7					
23	30	Fine-grained reddish brown amygdaloidal Basalt as in Hole #1 - 14' - 15' amygdaloid filled with Calcite and serpentine (Dals), some Prehnite and Datolite. 23 - 2" strongly fractured. 23.5 - 3" greenish portion in dominantly reddish brown rock (iron reduced??) 24 3" seen thick red clay 26 - 27 - Fractured. 27 - 27.3 Fractured Basalt cemented by veinlets of Prehnite (?).	1221	25	26	7	5	0.10				
30	45	Fine-grained moderately serpentinized Basalt. 31.5 - 32 Strongly fractured. 33.5 1/2" qtz. vein 35 - 36.8 - No core - clay seams. 38 - 40 - Strongly fractured. 41 - 42 - Fractured.	1222	32	33	15	11	0.09				
45	72	Medium grained serpentinized Basalt - "speckled" appearance. 47 - 48 - Fractured. 49 - 50 - " 53 - 54, 57-58 Strongly fractured. 64 - 67 - Fractured. 68 - 71 No core - clay seam 71.5 - 3" pegmatitic section. Flg. Feldspar in long laths. Small speck of native copper.	1223	42	43	27	15	0.04				
			1224	50	51			0.05				
			1225	67	68			0.02				
			1226	71.5	71.8			0.03				
72	110	Medium grained serpentinized Basalt, mottled appearance "Ophite".				38	26					

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ASSESSMENT WORK

\$ SM 501

SEPT. 11/59

DRILLED BY Edwards Drilling - H. Stagnier, Foreman

SIGNED John Austin *John Austin*



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

FILL IN ON EVERY PAGE

HOLE NO. 3 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.		
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.) Line 12-00W 14-20S			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft					
					ft			PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS + CU %	
72	110		(cont'd)								
			73 - 74 Strongly fractured.			1227	77	78		0.02	
			80.5 - 81.5 No core - clay seam.								
			83 - 3" coarse grain section.								
			84 - 2" " " " " , small speck native copper.								
			84 - 85 Strongly fractured.			1228	85	86		0.01	
			86 - 87 No core - clay seam.								
			87 - 88 Strongly fractured.								
			88 - 90 No core - clay seam.								
			91 2" Pegmatitic section. Disseminated native copper.			1229	91	91.5		0.04	
			91.5 - 94 Almost no core. Strongly fractured.								
			Between 91.5 and 94 - 2" pegmatitic material.								
			Disseminated native copper.								
			98 - 99 Strongly fractured.								
			99 - Calcite veinlets. Small amounts native copper.								
			101 - 101.5 Ditto.			1230	101	101.5		0.04	
			104 - 2" coarse grain section - white Calcite - Dissem.			1231	104	105		0.03	
			native cu.								
			108.5 - 109, 109.5 - 110 Fractured.								
110	114		Breccia - angular fragments of medium grained serpen-	4	3.5						
			tinized Basalt up to 1" in length in a very fine-grained								
			grey-green matrix (tuff?). Breccia begins at a fracture								
			zone, ends at a Talcose shear @ approx. 15° to core.								
114	115		Ophite.	1	1						
115	116		Breccia, as 110-114. Reappearance as boundary shear	1	1						
			swings away from core. Contact is a sharp line at								
			approx. 15° to core. Probably a vein breccia.								
116	167		Ophite.								
			116, 117, 119 Talcose shears @ 30° - 40°.								
			122 - 123 Fractured.			1236	124	125		0.01	
			126 - 126.5 Strongly fractured. Clay seam.								
			131 - 131.5 - Fractured.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Book.

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 3

PROPERTY NECHIKOCHON ISLAND

ELEVATION --

SHEET NO 2

BEARING 0°

TOTAL DEPTH 225'

LOCATION Line 12/00W
14/20E

DIP COLLAR 45°

CORE SIZE EX

STARTED June 21/59 COMPLETED June 24/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu %				
72	110	(cont'd) 73 - 74 Strongly fractured. 80.5 - 81.5 No core - clay seam. 83 - 3" coarse grain section. 84 - 2" " " " , small speck native copper. 84 - 85 Strongly fractured. 86 - 87 No core - clay seam. 87 - 88 Strongly fractured. 88 - 90 No core - clay seam. 91 2" Pegmatitic section. Disseminated native copper. 91.5 - 94 Almost no core. Strongly fractured. Between 91.5 and 94 - 2" pegmatitic material. Disseminated native copper. 98 - 99 Strongly fracture. 99 - Calcite veinlets. Small amounts native copper. 101 - 101.5 Ditto. 104 - 2" coarse grain section - white Calcite - Disseminated native cu.	1227	77	78			0.02				
			1228	85	86			0.01				
			1229	91	91.5			0.04				
			1230	101	101.5			0.04				
			1231	104	105			0.03				
110	114	108.5 - 109, 109.5 - 110 Fractured. Breccia - angular fragments of medium grained serpen- tized Basalt up to 1" in length in a very fine-grained gray-green matrix (tuff). Breccia begins at a fracture seam, ends at a Talcosse shear @ approx. 15° to core.				4	3.3					
114	115	Ophite.				1	1					
115	116	Breccia, as 110-114. Reappearance as boundary shear swings away from core. Contact is a sharp line at approx. 15° to core. Probably a vein breccia.				1	1					
116	167	Ophite. 114, 117, 119 Talcosse shears @ 30° - 40°. 122 - 123 Fractured. 124 - 124.5 Strongly fractured. Clay seam. 131 - 131.5 - Fractured.	1236	124	125			0.01				

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RESIDENT GEOLOGIST
 SAULT STE. MARIE

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 GEOLOGIST, ONT. DEPT. OF MINES
 SAULT STE. MARIE, ONT.

ASSESSMENT WORK

SEPT 11/59

DRILLED BY Edwards Drilling - H. Stegmiller, Foreman

SIGNED John Auston *John Auston*

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 3
SHEET NO 3
LOCATION Line 11/00W
14/208

PROPERTY NECHIPICOTEN ISLAND

BEARING 9°
DIP COLLAR 45°

ELEVATION --
TOTAL DEPTH 225'
CORE SIZE EX
STARTED June 21/59 COMPLETED June 24/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
								Cu %				
116	167	(cont'd) 134 Native Cu in moderate amounts, on two Talcoosa slip planes, one large fragment. 134.5 Do - very small amounts. 135 Do. 136 - 136.5 - Strongly fractured. 148 - Talcoosa slip containing minor amounts native Cu. 149 - Do. 149 - 150 - Fractured. 150 - Talcoosa slip - minor amounts native Cu. 150.5 - Do. 153.5 - Do. 155 - 157 - Strongly fractured, - little core - clay seen. 158 - 158.5 - Strongly fractured. 161 - Small amount native Cu on 2 Talcoosa slip planes. One large fragment.	1232	133.5	134			0.40				Many Talcoosa slip planes at various angles to core.
			1237	144	145			0.04				
167	177	Medium grained serpentinized Basalt 167 - 168 - fractured. 172.5 - 173 - Strongly fractured.	1238	165	166	10	8.5	0.02				
177	179	Very fine-grained amygdaloidal Basalt - small amounts native Cu in amygdaloes and disseminated through med. grained serpentinized Basalt above the flow top. 177 - 178 Strongly fractured - clay.	1239	174	175	2	1.5	0.03				
179	214	Fine-medium grained serpentinized Basalt 180.8 - 181.8 - 1/4" - 1/2" vein breccia cemented by Calcite and Prahnite approx. parallel core. Moderate amounts native Cu. 182.5 - 182.8 - 1/4" Calcite-Prahnite vein approx. parallel core. Moderate amounts native Cu. 187-188, 193.5, 194-194.5 Strongly fractured 196 - 197 Very strongly fractured.	1234	180.8	181.8	35	26	0.14				
			1235	182.5	182.8			7.68				

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ASSESSMENT WORK

SEPT 11/59

DRILLED BY Edwards Drilling, H. Stegmiller, Foreman

SIGNED John Austin

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. **6**
 SHEET NO. **1**
 LOCATION **11/88W
 14/88E**

PROPERTY **ROCKY MOUNTAIN OIL**
 BEARING **90°**
 DIP COLLAR **45°**

ELEVATION
 TOTAL DEPTH **80'**
 CORE SIZE **3/4"**
 STARTED **June 23/59** COMPLETED **June 26/59**

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
0	29	Casing										
29	30	Very fine grained grey-green material (Tuff?) containing corroded fragments of darker green and many fine cube-red veinlets.				1	1					All sections of the flows are redder than those in other holes. Flow middles are less serpentinized.
30	32	Fine grained reddish amygdaloidal Basalt, fractured-amygdalae filled with Calcite and thin fine scale Pyrite and Sphalerite.				2	1.5					
32	38	Fine-medium grained serpentinized Basalt				6	5					
38	42	Fine grained amygdaloidal Basalt. 38-39 Very strongly fractured.				4	3					
42	60	Medium grained serpentinized Basalt. Moderately amygdaloidal. 42.5 - 2" Fracture 54.5 - 33 Fractured				18	14					
60	62	Fine grained amygdaloidal Basalt - fractured				2	1					
62	65.2	Medium grained serpentinized Basalt				3.2	3					
65.2	66	Very fine grained amygdaloidal Basalt - very red brecciated section cemented by Calcite.				0.8	0.8					
66	71	Medium grained serpentinized Basalt - fractured				5	4					
71	71.5	Very fine grained amygdaloidal Basalt				.5	.5					
71.5	72.5	Fine-medium grained serpentinized Basalt				1	.5					
72.5	73	Very fine-grained amygdaloidal Basalt - Brecciated as in 65.2 - 66.				.5	.5					
73	76	Fine-medium grained serpentinized Basalt. 73.1 - 74 - No core - Clay zone.				3	2					
76	80E	No core.										

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 SAULT STE. MARIE, ONT.

ASSESSMENT WORK

WELL ABANDONED @ 80' DUE TO CAVING
 CORE STORED AT DRILLSITE

SEPT 11/59

DRILLED BY **EDWARDS DRILLING, - W. Stegmiller, Foreman.**

SIGNED **John Austin** *John Austin*



THE MINING ACT - DEPARTMENT OF MINES
DIAMOND DRILLING LOG

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

FILL IN ON EVERY PAGE

HOLE NO. 4 PAGE NO. 1

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		11-20W 14-00S		
					ft		PROPERTY NAME MICHIPICOTEN ISLAND		

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Core Length	Core Rec.	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
0	29		Casing								
29	30		Very fine grained grey-green material (Tuff?) containing corroded fragments of darker green and many fine ochre-red veinlets.	1	1						
30	32		Fine grained reddish amygdaloidal Basalt, fractured-amygdules filled with Calcite and Tal plus some Prehnite and Datolite.	2	1.5						
32	38		Fine-medium grained serpentized Basalt	6	5						
38	42		Fine grained amygdaloidal Basalt. 38-39 Very strongly fractured.	4	3						
42	60		Medium grained serpentized Basalt. Moderately amygdaloidal. 42.5 - 2" Fracture 54.5 - 55 Fractured	18	14						
60	62		Fine grained amygdaloidal Basalt - fractured	2	1						
62	65.2		Medium grained serpentized Basalt	3.2	3						
65.2	66		Very fine grained amygdaloidal Basalt - very red brecciated section cemented by Calcite.	0.8	0.8						
66	71		Medium grained serpentized Basalt - fractured	5	4						
71	71.5		Very fine grained amygdaloidal Basalt	.5	.5						
71.5	72.5		Fine-medium grained serpentized Basalt	1	.5						
72.5	73		Very fine-grained amygdaloidal Basalt - Brecciated as in 65.2 - 66.	.5	.3						
73	76		Fine-medium grained serpentized Basalt. 73.1 - 74 - No core - Clay seam.	3	2						
76	EOH		No core.								
				HOLE ABANDONED @ 80' DUE TO CAVING							
				CORE STORED AT DRILLSITE							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

SELCO EXPLORATION COMPANY LIMITED
DIAMOND DRILL RECORD

HOLE NO. 3

PROPERTY _____

RECEIVED ISLAND

ELEVATION _____

SHEET NO 4

BEARING 0°

TOTAL DEPTH 225'

LOCATION Line 12,000
14/208

DIP COLLAR 45°

CORE SIZE 2 1/2

STARTED June 21/59

COMPLETED June 24/59

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS				REMARKS
179	214	(cont'd) 197.5 - 198 Very strongly fractured - clay. 199 - 201 " " " " 201 - 202 No core - clay seam. 205.6 - 207 Very strongly fractured. 209 - Pink Calcite veinlets. 210 - 213 Fractured.										
214	216	213.5 - 214 Very strongly fractured - clay. Very fine-grained amygdaloidal Basalt. 215 - Frohite-cemented brecciated portion (some core missing).				2	1					
216	EOH	215.5 - 216 Very strongly fractured. Fine-medium grained serpentinized Basalt.				9	8					
<p>END OF HOLE AT 225'</p> <p>CORE STORED AT DRILLSITE</p>												

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SAULT STE. MARIE

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SAULT STE. MARIE, ONT.

ASSESSMENT WORK

SEPT 11/59

DRILLED BY Edwards Drilling - H. Stagnaller, Foreman

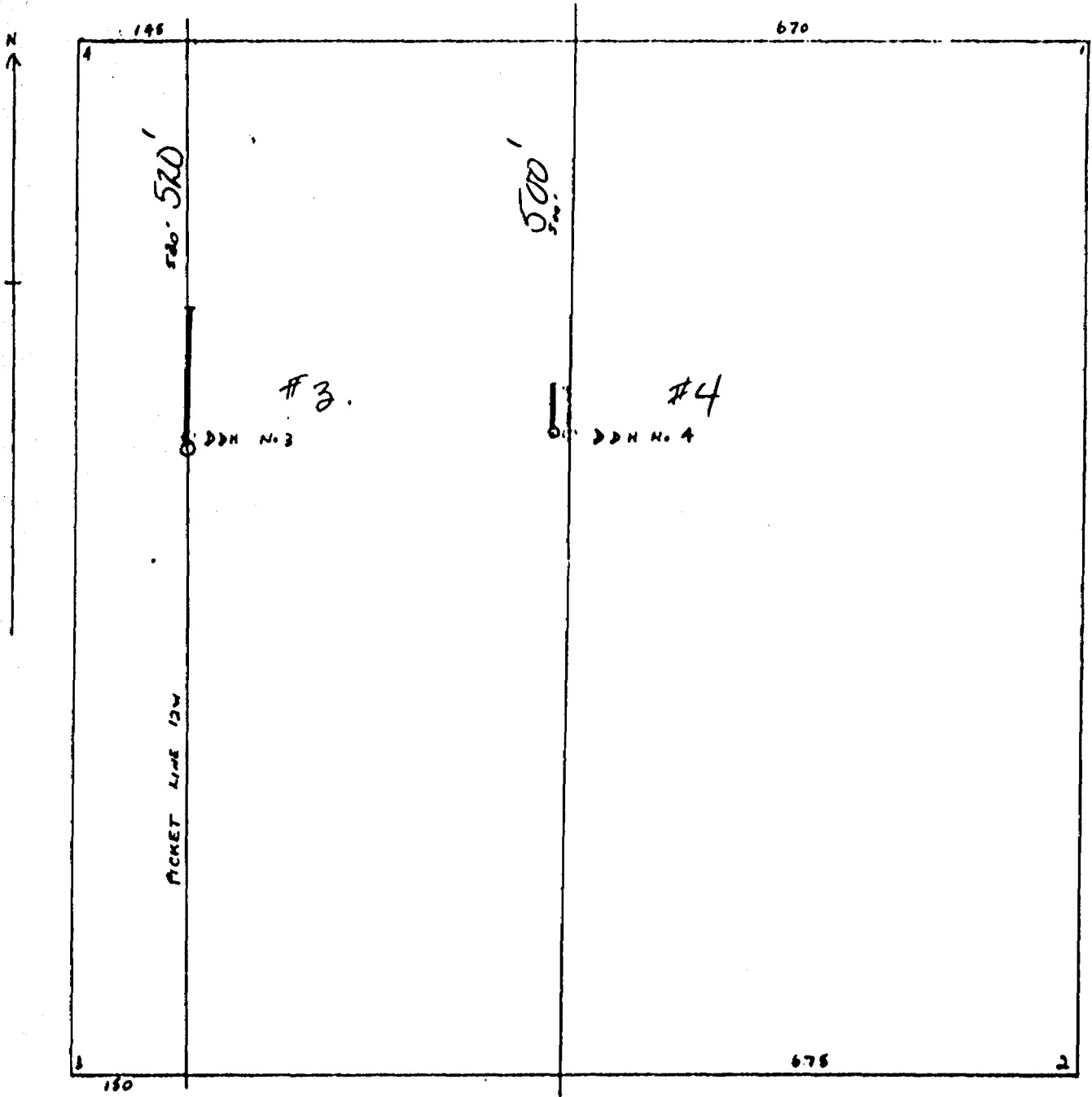
SIGNED John Austin *John Austin*

LOCATION OF DD HOLES NO. 3 & 4

LOCATION OF D.D. HOLES No. 3 & 4

CLAIM TO IN SURVEY

57367



SPLAS EXPLORATION CO. LTD

1" = 200'

Scale 1" = 200'

W.S. Lamb

1/9/52

CLAIM LOCATION & BOUNDING SKETCH.

SANCT STY MARIE MINING DIVISION
 MICHIGAN ISLAND



57371	57372	57375	57376	57377	57378	57379
57369	57368	57367 57367	57366 366	57370 370	57373 373	57374 374
57365 57365	57364 57364	57363 57363	57362 57362	57413 57413	57414 57414	57415 57415

SELECO EXPLORATION CO. LTD.

Scale 1" = 200 FT.

1" = 200 FT.

J.B. Cook

11/15/59



ONTARIO
DEPARTMENT OF MINES

September 22nd, 1959



41N13SW0008 41N13SW0010A1 MICHIPICOTEN ISLAND

900

Dr. E. G. Pye,
Resident Geologist,
Court House,
PORT ARTHUR, Ontario

Dear Sir:

Enclosed herewith please find Diamond Drill Logs
and sketches covering 845 feet of drilling done on mining
claims SSM 57367 and 57368 and being applied to mining claims
SSM 57362 - 67 inclusive, SSM 57368 - 79 inclusive and SSM
57413 - 15 inclusive, all situated on Michipicoten Island.
This work has been submitted on behalf of Selco Exploration
Co. Limited.

Yours truly,

D. A. Jodouin,
Mining Recorder.

SSM-501

/ms
encl.

501

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AUG 9 1960

RESIDENT GEOLOGIST
SAULT STE. MARIE

IMPORTANT

Attach sketch showing location of work in relation to corner posts, and nature and extent thereof.

Form 12 A

THE MINING ACT



REPORT OF WORK

ONTARIO

To the Recorder of Sault Ste. Marie Mining Division:

I, SELCO EXPLORATION COMPANY LIMITED
(Name of Applicant)
Suite 600, 77 York Street, Toronto, Ontario for W. N. Miller
(Post Office Address)

the recorded holder of mining claim No. SSM 57368 hereby report the performance of 40 days' work not before reported, to be applied to this claim.

*This mining claim is one of a group of contiguous claims numbered SSM 57368 to SSM 57379 inclusive and SSM 57413 to SSM 57415 inclusive.

of which I am the recorded holder under Mining License No. A. 34068 and A. 18523 and the work was performed on mining claim(s) SSM 57368 and is to be applied in respect of mining claim(s) SSM 57368 to SSM 57379 and SSM 57413 to SSM 57415 inclusive (Complete above section only if applicable)

The work is as follows: See correspondence on 57367
Stripping or opening up mines, sinking shafts or other actual mining operations

The names and addresses of the men who performed the work and the dates upon which each man worked in its performance are: (if more space is required, attach list)

Diamond or other Core Drilling Total No. of days

Footage drilled 600 ft. No. of holes drilled 2 Angle 45°
Diameter of core 3/4 Names and addresses of owner and operator of drill J. Edwards Drilling Company, P.O. Box 389, Kenora, Ontario.

Dates upon which drilling was done June 21st, 1959 - June 26th, 1959
(Core log and Sketch in duplicate by core examiner accompanies this Report.)

Work by Compressed Air or other Power Driver, Rock Drill or Mechanical Equipment. Total No. of days 600

Type of drill
Names and addresses of men engaged in operating drill.

Dates upon which each man worked

SAULT STE. MARIE RECEIVED SEP 18 1959 MINING DIVISION

SAULT STE. MARIE RECEIVED SEP 14 1959

SAULT STE. MARIE RECEIVED SEP 8 1959 MINING DIVISION

The penalty for making a false statement in this certificate is \$500. or six months imprisonment or both.

Power Stripping

Type of equipment used

Names and addresses of owner and operators

.....

.....

.....

.....

.....

Amount expended \$

Dates on which work was done

Total No. of days

✓
Date SEPT. 11/59

✓
John Auston
Signature of Recorder or Agent
for **SELEC EXPLORATION COMPANY LIMITED**

The Mining Act

CERTIFICATE VERIFYING REPORT OF WORK

I, John Auston

c/o Seleo Exploration Company Limited, 77 York Street,

(post-office address)

TORONTO, Ontario

(City, town, village or township)

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto.
2. That the grounds of my knowledge are ~~XXXXXXXXXX~~ Field Engineer in charge of diamond drilling - Seleo Exploration Company Limited
3. That the annexed report is true.

✓
John Auston
(Signature)
Dated SEPT. 11 1959 Suite 600, 77 York Street, TORONTO, Ontario
SEPT 11 (post-office address)

The penalty for making a false statement in this certificate is \$500, or six months imprisonment or both.