



41N13SW0015 41N13SW0013A1 MICHIPICOTEN ISLAND

Diamond Drilling

010

Township MICHIPICOTEN ISLAND

Report No: 10

Work performed by: The American Metal Co. Limited

Claim No	Hole No	Footage	Date	Note
SSM 42750	ONT-55-51	257.0'	1955	
	ONT-55-52	314.0'	1955	
SSM 42755	ONT-55-53	361.0'	1955	
	ONT-55-56	298.0'	1955	
SSM 42754	ONT-55-54	598.0'	1955	
SSM 42751	ONT-55-55	298.0'	1955	

6 Holes 2126

Notes:

THE AMERICAN METAL COMPANY, LIMITED

6-2-612

DIAMOND DRILL RECORD

Hole No. ONT-55-51 Sheet 1
 Property hipicoten Island Length 257 feet Lat. 36°00 N Hor. Comp. _____ Ver. Comp. _____
 Location 1st EM Grid Bearing West Dep. 2°00 E Etch at 250 ° Total Recovery % _____
 Commenced October 3, 1955 Dip 60° Elev. _____ True Dip 57° Logged by C.P. Jenney
 Completed October 7, 1955 Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	FOOTAGE		ANALYSIS			RECC
FROM	TO					FROM	TO	% CU			
0	6	Overburden		9851	5.0	50	55	0.03			
6	184	Lava - vesicular, dark reddish brown, iron stained (oxidized); numerous vesicles, filled with carbonate, cut by narrow carbonate stringers; fine grained, dense.		9852	5.0	60	65	0.02			
		6 - 12 highly vesicular		9853	5.0	70	75	0.02			
		25 - 55 more fine grained and dense		9854	5.0	75	80	0.02			
		at 21" 2" of carbonate		9855	5.0	80	85	0.02			
		55 - 70 more vesicular		9856	5.0	85	90	0.01			
		70 - 175 becoming more massive, dense, fine grained		9857	5.0	90	95	0.02			
		175 - 184 gradational zone		9858	5.0	95	100	0.02			
		<u>Interformational Conglomerate - Breccia</u>		9859	5.0	100	105	0.02			
184	257	Bright to dark red showing coarse and fine banding with fragments and/or pebbles		9860	5.0	105	110	0.01			
		214 - 216 Mud zone with pebbles of harder rock, probable EM conductor.		9861	5.0	110	115	0.02			
		250 - 257 Coarser breccia like		9862	5.0	115	120	0.03			
		257 End of hole		9863	5.0	130	135	0.02			
				9864	5.0	135	140	0.02			
				9865	5.0	140	145	0.02			
				9866	5.0	145	150	0.02			
				9867	5.0	150	155	0.02			
				9868	5.0	155	160	0.03			
				9869	5.0	160	165	0.03			
				9870	5.0	165	170	0.02			
				9871	5.0	170	175	0.04			
				9872	5.0	175	180	0.06			

THE AMERICAN METAL COMPANY, LIMITED

6-2-612

DIAMOND DRILL RECORD

Hole No. ONT-55-52 Sheet 1

Property Michipicoten Island Length 314 feet Lat. 32 + 00 N Hor. Comp. _____ Ver. Comp. _____

Location 1st EM Grid Bearing West Dep. 0 + 10 W Etch at 275° Total Recovery % _____

Commenced October 7, 1955 Dip 60° Elev. _____ True Dip 53° Logged by C.P. Jenney

Completed October 10, 1955 Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	FOOTAGE		ANALYSIS			RECOVER %
FROM	TO					FROM	TO	% Cu			
0	15	Overburden		9873	5.0	25	30	None			
		<u>Spherulitic Lava</u>		9874	5.0	30	35	0.01			
				9875	5.0	35	40	None			
				9876	5.0	40	45	0.01			
15	314	Coarse dark gray with lighter gray spots - spherulites. Structure shows plainly with light gray carbonate throughout. Numerous very fine stringers carbonate with bright red iron oxide.		9877	5.0	45	50	None			
				9878	5.0	79	84	None			
				9879	5.0	84	89	None			
				9880	5.0	107	112	None			
		64 - 71 Slightly finer grained highly vesicular with chlorite in vesicles.		9881	5.0	145	150	0.01			
		71 Spherulitic similar to above. Small spots of native Cu.		9882	5.0	150	155	None			
				9883	5.0	155	160	0.02			
		250 - 314 Spherules smaller and more numerous.		9884	5.0	190	195	None			
				9885	5.0	250	255	None			
				9886	5.0	255	260	None			
		Total depth - 314'		9887	5.0	263	268	0.01			
				9888	5.0	268	273	0.02			
				9889	5.0	273	278	0.01			
				9890	5.0	278	283	0.01			

THE AMERICAN METAL COMPANY, LIMITED

6-2-613

DIAMOND DRILL RECORD

Hole No. AT-55-54 Sheet 1
 Property Michipicoten Island Length 598 feet Lat. 12 + 00 N Hor. Comp. _____ Ver. Comp. _____
 Location 1st EM Grid Bearing West Dep. 5 + 30 N Etch at 200°, 400°, 598° Total Recovery % _____
 Commenced October 19, 1955 Dip 60° Elev. _____ True Dip 51°, 50°, 52° Logged by K.H. CUMMINGS
 Completed October 29, 1955 Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	FOOTAGE		ANALYSIS			RECOVERY %
FROM	TO					FROM	TO	% Cu			
0	44	Overburden (Casing)		9803	5.0	75	80	None			
44	126	Coarse dark gray lava - spherulitic; spherules are lighter gray in colour; fair to medium hardness.		9804	5.0	80	85	None			
		76 - 77 Small stringers chlorite with iron oxide staining		9805	5.0	85	90	None			
		80 - 83 Small amount native copper		9806	5.0	350	355	None			
		91 - 93 Wide bands of carbonate with red staining		9807	5.0	355	360	None			
		Spherules becoming smaller around 110 and rock is darker in colour.		9808	5.0	525	530	None			
		Ground badly broken up around 111 - 114		9809	5.0	530	535	None			
		117 - 126 Spherules very much smaller and becoming denser and finer grained.		9810	5.0	535	540	None			
126	172	Vesicular lava, dark reddish colour, medium hardness; vesicles filled with carbonate.									
		126 - 136 Pebbly with conglomerate appearance.									
		136 - 138 Large-sized carbonate-filled vesicles									
		144 - 156 Denser darker rock with very few small vesicles, numerous blobs of chlorite.									
		156 - 165 Vesicular lava with large vesicles at 156 - 157									
		Vesicles becoming smaller from 157 to 165									
		165 - 167 Almost conglomerate in appearance.									
		167 - 172 Transition stage									

K.H. Cummings

THE AMERICAN METAL COMPANY, LIMITED

DIAMOND DRILL RECORD

Hole No. WT-55-54 Sheet 2

Property Michipicoten Island

Length 598 feet

Lat. 12 + 00 N

Hor. Comp. _____

Ver. Comp. _____

Location 1st EM Grid

Bearing West

Dep. 5 + 30 E

Etch at 200°, 400°, 598°

Total Recovery % _____

Commenced October 19, 1955

Dip 60°

Elev. _____

True Dip 51°, 50°, 52°

Logged by K.H. Owing

Completed October 29, 1955

Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVER %
FROM	TO										
172	219	Fine grained, dark gray Spherulitic rock, spherules small, medium hardness, uniform texture.									
219	227	Transitional zone. Very fine grained lava to fine grained conglomerate-agglomerate.									
227	305	Coarse conglomerate-agglomerate with both rounded and angular pebbles, bright to dark red in colour. 286 - 294 Muddied zone.									
305	380	Reddish lava with vesicles filled with carbonate. 340 - becoming less vesicular and more dense with numerous carbonate stringers. 353 ^b - small amount native copper.									
380	459	Coarse to fine conglomerate-agglomerate with angular fragments cut by carbonate stringers. Sections look almost like a breccia, flinty in places.									
459	505	Spherulitic rock (small spherules). Pyrite from 470 - 480. Spherules very small past 494. Medium hard rock.									
505	598	Reddish brown to dark grey. Vesicular lava. Vesicles vary in size. Large vesicles filled with carbonate.									
	598	End of hole.									

K.H. Owing

THE AMERICAN METAL COMPANY, LIMITED

6-1-614

DIAMOND DRILL RECORD

Hole No. MT-55-55 Sheet 1
 Property Michipicoten Island Length 298 feet Lat. 20 + 00 N Hor. Comp. _____ Ver. Comp. _____
 Location 1st EM Grid Bearing East Dep. 8 + 15 N Etch at 290° Total Recovery % _____
 Commenced October 31, 1955 Dip 45° Elev. _____ True Dip 40° Logged by K.H. Cumming
 Completed November 4, 1955 Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	FOOTAGE		ANALYSIS			RECOVER- %
FROM	TO					FROM	TO	% Cu			
0	23	Overburden		9811	5.0	50	55	0.02			
23	157	Red vesicular lava Few small carbonate stringers Small amount native copper at 125 and marcasite. 143 - 147) Hard seam, not highly mudded. 150 - 155)		9812	5.0	55	60	None			
				9813	5.0	60	65	None			
				9814	5.0	65	70	None			
				9815	5.0	70	75	None			
				9816	5.0	75	80	0.04			
				9817	5.0	80	85	0.39			
				9818	5.0	85	90	None			
				9819	5.0	90	95	None			
				9820	5.0	95	100	None			
				9821	5.0	125	130	0.04			
				9822	5.0	245	250	None			
157	165	Transition stage.		9823	5.0	275	280	None			
				9824	5.0	280	285	None			
				9825	5.0	285	290	None			
				9826	5.0	290	295	0.02			
165	243	Dark reddish-gray conglomerate-agglomerate. Pebbles both rounded and angular.									
243	285	Badly fractured gray spherulitic lava (small spherules).									
285	298	Dark red lava almost conglomerate-like with small spots of native copper.									
	298	End of Hole.									

K.H. Cumming

THE AMERICAN METAL COMPANY, LIMITED

DIAMOND DRILL RECORD

Hole No. ONT-55-56 Sheet 1
 Property Michipicoten Island Length 298 Lot 12 + CO M Hor. Comp. _____ Ver. Comp. _____
 Location 1st EM Grid Bearing 295° T Dep. 8 + 10 E Etch at 295° Total Recovery % _____
 Commenced November 7, 1955 Dip 45° Elev. _____ True Dip 43° Logged by E. G. Dear
 Completed November 11, 1955 Objective _____

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	FOOTAGE		ANALYSIS			RECOVERY %
FROM	TO					FROM	TO	% Cu			
0	8	Overburden		9827	5.0	275	280	None			
8	62	Spherulitic lava - white spherules, pyrite from 10 - 40 feet		9828	5.0	280	285	None			
				9829	5.0	285	290	0.08			
				9830	5.0	290	295	None			
				9831	5.0	295	298	None			
62	68	Red vesicular lava with a few specks of native copper from 62 - 68 feet		9832	5.0	63	68	None			
				9833	5.0	10	15	None			
				9834	5.0	15	20	0.01			
				9835	5.0	20	25	0.02			
68	235	Conglomerate-agglomerate		9836	5.0	25	30	None			
		93 - 93.8)		9837	5.0	30	35	0.01			
		95 - 109) Mud seams, and murky looking sandstone		9838	5.0	35	40	None			
		113 - 113.8)									
		135.5-152)									
		198 - 199)									
		205 - 208)									
235	237	Red lava									
237	238	Conglomerate-agglomerate									
238	241	Red lava									
241	257	Conglomerate-agglomerate									
257	298	Red lava									
		275 - 298 scattered native copper observed									
	298	End of hole.									

E. G. Dear

S SM-494

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



41N13SW0015 41N13SW0013A1 MICHIPICOTEN ISLAND

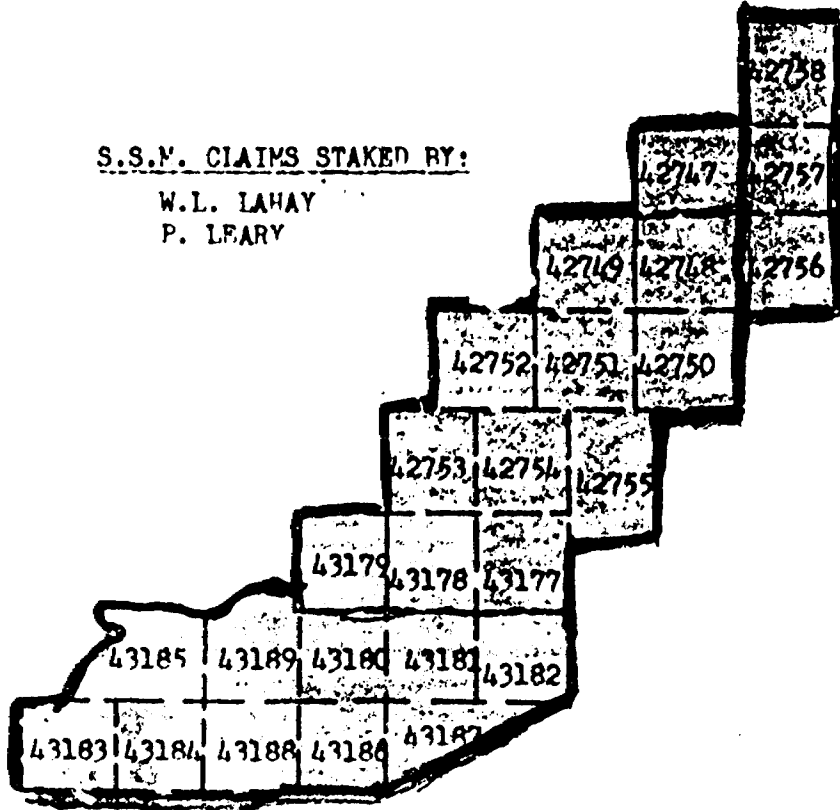
900

RESIDENT GEOLOGIST
SAULT STE. MARIE

RECEIVED
1952

S.S.M. CLAIMS STAKED BY:

W.L. LAHAY
P. LEARY



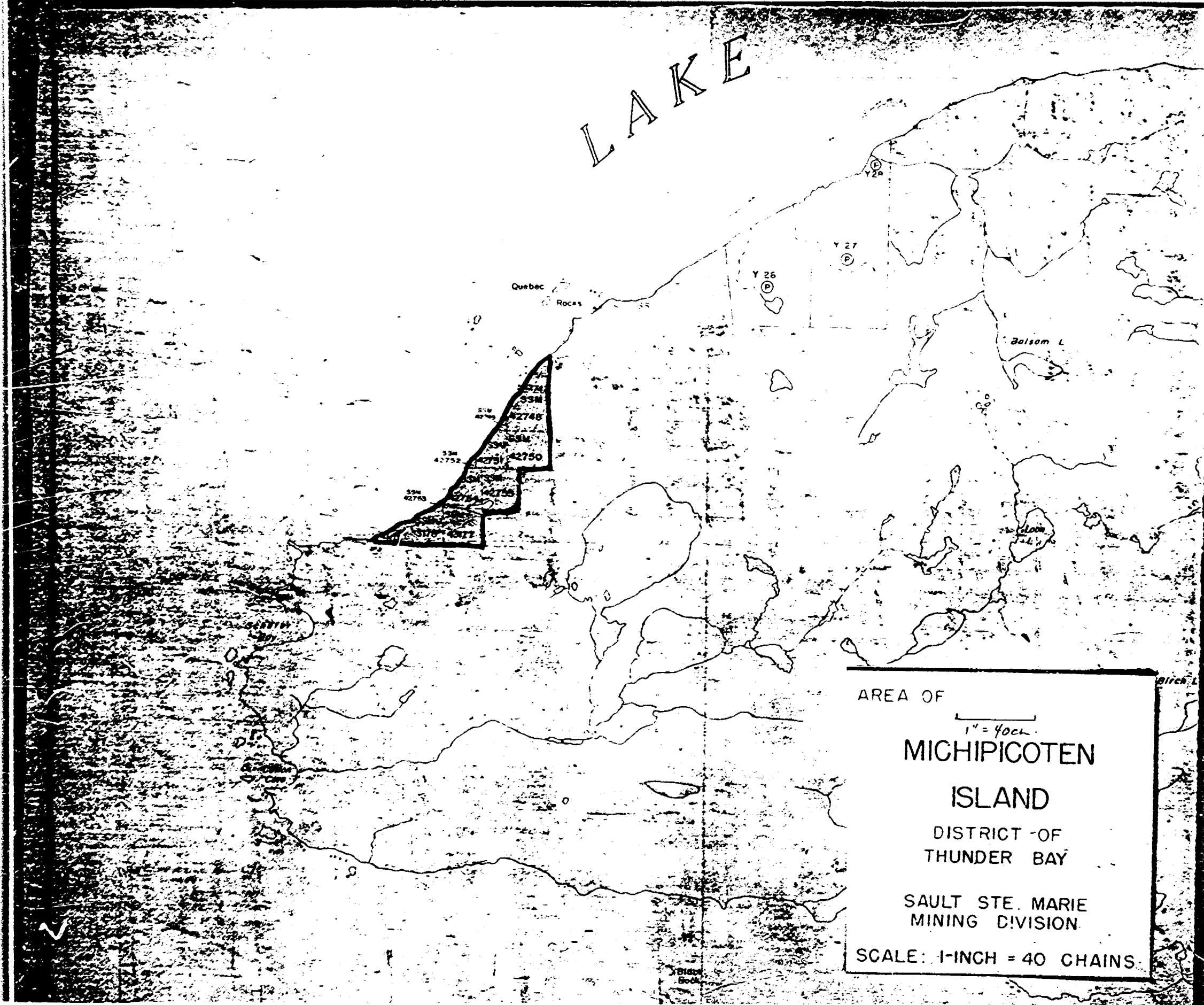
SMS-494

The core is stored at the Armo Camp
on the large lake on the west end of
the island
Michipicoten Island.

ONT 55-56	298
56-57	491
56-58	261
55-51	257
55-52	314
55-53	361
55-54	598
55-55	298
<hr/>	
8	2,878 ft

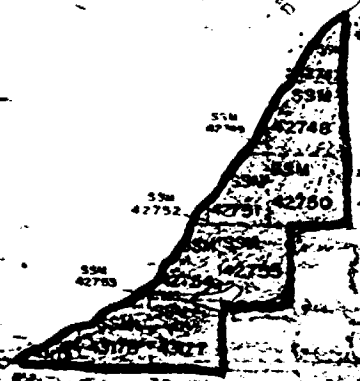
Nov 55	American	Metal
Feb 56	"	"
Feb 56	"	"
Oct 55	"	"
Oct 85	"	"
Oct 55	"	"
Oct 55	"	"
"	"	"

LAKE



AREA OF
1" = 40ch.
MICHIPICOTEN
ISLAND
DISTRICT OF
THUNDER BAY
SAULT STE. MARIE
MINING DIVISION
SCALE: 1-INCH = 40 CHAINS

LAKE



AREA OF
1" = 40 ch.
MICHIPICOTEN
ISLAND
DISTRICT OF
THUNDER BAY
SAULT STE. MARIE
MINING DIVISION.
SCALE: 1-INCH = 40 CHAINS.

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

41N/13SW-0013-A1 #1

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

