



41N02SE0134 RYAN18 RYAN

010

NO. 1

SURFACE ELEVATION

STARTED

DATUM

COMPLETED

SLAKEING

ULTIMATE DEPTH

DIP

TESTED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH IN FEET	GRADE	TEST		
0-10	Cl, sh, calcitic, local iron calcite concretions						
10-20	to 100 ft. calcitic concretions						
20-30	sh, calcitic, iron, calcitic concretions						
30-40	sh, calcitic, iron, calcitic concretions						
40-50	sh, calcitic, iron, calcitic concretions						
50-60	sh, calcitic, iron, calcitic concretions						
60-70	sh, calcitic, iron, calcitic concretions						
70-80	sh, calcitic, iron, calcitic concretions						
80-90	sh, calcitic, iron, calcitic concretions						
90-100	sh, calcitic, iron, calcitic concretions						

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 SAULT STE. MARIE, ONT.

DIAMOND DRILL RECORD

PROPERTY 1 HOLE NO. 2
 LOCATION 1 SECTION FROM 1 TO 1 STARTED 12-1-1932
 LATITUDE 47-25'N DATUM _____ COMPLETED 26-12-1932
 ELEVATION 1000 feet BEARING 075° ULTIMATE DEPTH 213'
 D.P. 213' RECORDED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	GRASS
0-10	col. sandstone, very fine white shaly, containing quartzite				
10-12	col. sandstone to sil.				
12-15	col. sandstone, shaly, fragments				
15-20	col. sandstone, shaly, fragments, is bedding, bedding interval: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213				
20-27	col. quartzitic shaly, sh. quartzite in the matrix; last 3 feet with coarse vol. fragments.				
27-29	col. shaly, thin bedded, shaly quartzite, shaly at 27; fine grained to coarse grained.				
29-30	col. fine 2 feet with vol. fragments; red sandstone.				
30-37	shaly, fine grained.				
37-43	shaly, fine grained.				

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FACILITY

HOLES NO.

SHEET NUMBER

SECTION FROM TO

STARTED 2-1-1952

LATITUDE 46-14-14

DATUM

COMPLETED 11-27-1952

TEMPERATURE 10.5 at 100 ft

HEADING 120°

ULTIMATE DEPTH 25.5'

ELEVATION

DIP 35°

EXPOSED TO THE AIR *CU? py*

DEPTH FEET	FORMATION	SAMPLE NO.	NO. OF SAMPLES	WEIGHT	PERCENTAGE	GR
0-18	Co. siliceous shale at 1' - 1.5', copper at 1.5'	658	3	3.00	0.05	
18-19.5	Vol. sandstone layer of flow, red	659	3	3.00	0.05	
19.5-20.5	Vol. sandstone, dark	660	3	3.00	0.05	
		661	3	3.00	0.05	
		662	3	3.00	0.05	

SEE LOG
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COLLECTED BY J. G. ...

SIGNED F. G. ...

PROPERTY

WELL NUMBER 1
 DATE 10-7-54
 DEPARTURE 271° of 1125 54
 ELEVATION

SECTION FROM TO
 DATUM
 BEARING 122°
 DIP 27°

STARTED 11 Nov. 1952
 COMPLETED 12 Dec 1952
 ULTIMATE DEPTH 41'
 PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	COLL. S.	LOSS	(%)
0-5	Co. polydetrit.	518	1-2	2.0'	0.01	
5-21	Co. calcite matrix with scattered chalcocite	528	2-4	2.0'	0.05	
11-17	Co. calcite matrix	538	1-4	2.0'	0.06	
17-21.5	Co. calcite matrix, matrix composed of a fine crystalline calcite sub- structure of calcite sub- chalcocite in calcite matrix	548	1-2	2.0'	0.01	
		558	1-20	2.0'	0.01	
		568	10-22	2.0'	0.07	
		578	13-24	2.0'	0.01	
21-23	Vol. red calcined upper part	588	11-26	2.0'	0.05	
23-41	Vol. det. purple, chlorite argillaceous, rhyolite rhyolite	598	16-18	2.0'	0.04	
		608	17-20	2.0'	0.04	
		618	22-22	2.0'	0.03	

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DIAMOND DRILL RECORD

PROPERTY _____

HOLE NO. _____

8

SHEET NUMBER _____

SECTION FROM _____ TO _____

STARTED July 15, 1962

LATITUDE 103-23'N

DATUM _____

COMPLETED 22 June 1962

DEPARTURE 150°E of Meridian

BEARING 135°

ULTIMATE DEPTH 102.3'

ELEVATION _____

DIP 50°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	PERCENT
0-21	Vol; dark, basaltic feldspar green and red horn and there. Minor metallic mineral believed to be magnetite.	705	28-31'	3.0'	0.06
		710	22-24'	3.0'	0.05
		720	24-27'	3.0'	0.23
21-22.1	Vol; dark, basaltic, minor calcite stringers, tend to become amygdaloidal; calcite and epidote so amygdaloid, traces of chalcocite at 21.9' in calcite stringers; tend to red at 22' blocky, chalcocite at 24.0', 24.3', 24.7', 27.1' blocky at 27.4', chalcocite at 28.1' buff colored earthy material 28.2', neck of chalcocite at 28.2' blocky at 73'-74' and 80.6-81.	730	27-30'	2.0'	0.10
		740	47-48'	3.0'	0.05
81-101.9	Gr, calcitic coarse conglomerate, calcite stringers and in matrix, minor hematite at 87.1', no visible copper minerals.				
101.9-102.3	Vol, dark amygdaloidal basalt, calcite amygdalae, fine grained; blocky, no visible copper minerals, minor magnetite throughout entire core.				

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RECEIVED

SEP 25 1962

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DRILLED BY _____

Leon G. Grouse

SIGNED _____

P. J. Sullivan

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. 11
 SECTION FROM _____ TO _____ STARTED 12/20/52
 LATITUDE 47° 24' DATUM _____ COMPLETED 20/00/52
 DEPTH 101' 0" BEARING 270° ULTIMATE DEPTH 101'
 ELEVATION _____ DIP -20° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD
0-10.0'	Vol. dark basaltic, minor calcite stringers and mineralization, part of chalcocite at 8.0' in calcite; blocky at 2.0'.				
10.0'-20.0'	Vol. blocky at 10.0'. Also stained from 10.4' partly to and some minor calcite stringers.				
20.0'-40.0'	Vol. stringer material reddens				
40.0'-70.0'	Vol. blocky at 70.0'				
70.0'-76.0'	Vol. blocky at 76.0'-76.2' also granitic constituting fault zone.				
76.0'-77.0'	Lost core - believed to be fault and waste zone.				
77.0'-87.0'	Vol. dark basaltic, blocky. Minor calcite stringers.				
87.0'-87.0'	Lost core.				
87.0'-101.0'	Vol. basaltic, blocky, minor calcite stringers and anomalies.				

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HOLE DRILL RECORD

PROPERTY _____

HOLE NO. 12

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED 21 June 1942
 LOCATION 5-4-22 DATUM _____ COMPLETED 27 June 1942
 DEPARTURE 231° 15' BEARING 215° ULTIMATE DEPTH 73'
 ELEVATION _____ DIP -25° PROPOSED DEPTH 110'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S.	EXCESS GROSS
0-1'	Vol. dark sandstone, calcite in nodules, spots of calcite in matrix in some places. Minor magnetite and hematite.	75	6-3"	3.01	0.09
1-2'		76	2 1/2"	3.01	0.02
2-3'		77	6 1/2"	3.01	0.05
3-11.0'	Vol. sandy, matrix of calcite and barite from 11.0' to 11.5'.	78	2 1/2"	3.01	0.02
11.0'-12.0'	Vol. sandstone, no visible copper minerals.				
12.0'-13.0'	Foliated; minor calcite stringers.				
13.0'-14.0'	Local conc.				
14.0'-15.0'	Foliated, blocky.				
15.0'-17.0'	Foliated; spots of calcite at 15.0', 16.0', 16.5'. Minor barite at 15.7-16.0' and at 16.1'; barite nodules at 16.5-16.8' and from 16.8' to 17.0'.				
17.0'-18.0'	Vol. dark sandstone, minor calcite and chalcocite at 17.1', minor magnetite, minor calcite stringers and nodules, barite at 17.0', minor occurrences of calcite at 17.1' and 17.5'.				
18.0'-27.0'	Vol. dark sandstone, no visible stringers.				
27.0'-37.0'	Vol. dark sandstone, no visible stringers.				

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U.S.G. GEOLOGICAL SURVEY FORM NO. 202 REV. 1931

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DIAMOND DRILL RECORD

PROPERTY 1400 HOLE NO. 31
 SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED 1. 2. 1912
 LATITUDE 62-53N DATUM _____ COMPLETED 3. 17. 1912
 DEPARTURE 250' N. of 1257 BEARING 115° ULTIMATE DEPTH 102'
 ELEVATION _____ DIP 25° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLDS	TRACES GOLD
0-18.0'	Felsite, blocky; minor calcite stringers, brecciated, minor malachite stain 0.7-1.0', minor hornblende stringers, speck of chalcocite and malachite at 5.15'. Minor occurrences of calcite are found in most fractures. Chalcocite at 7.8', 8.0', 9.2', 10.0' and occurs in minor amounts in fractures in association with calcite.				
18.0'-43.5'	Felsite becomes more brecciated, blocky, chalcocite mineralization tends to increase slightly through this more brecciated zone.				
43.5'-57.5'	Conglomerate; boulder ex, polygenic, minor hornblende and calcite stringers. Calcite in matrix, minor chalcocite at 50.0' minor malachite at 56.0'.				
57.5'-62.0'	Cg, extremely blocky from 57.5' to 60.6', chalcocite and malachite occur in minor amounts in fractures.				
62.0'-64.0'	Cg, tends to end at 62.0', lost core.				
64.0'-65.6'	Cg, blocky, core at 64.6'				
65.6'-66.6'	Lost core				
66.6'-79.0'	Gauge at 68.6', blocky; minor hornblende, chalcocite with hornblende in fractures, calcite in matrix.				

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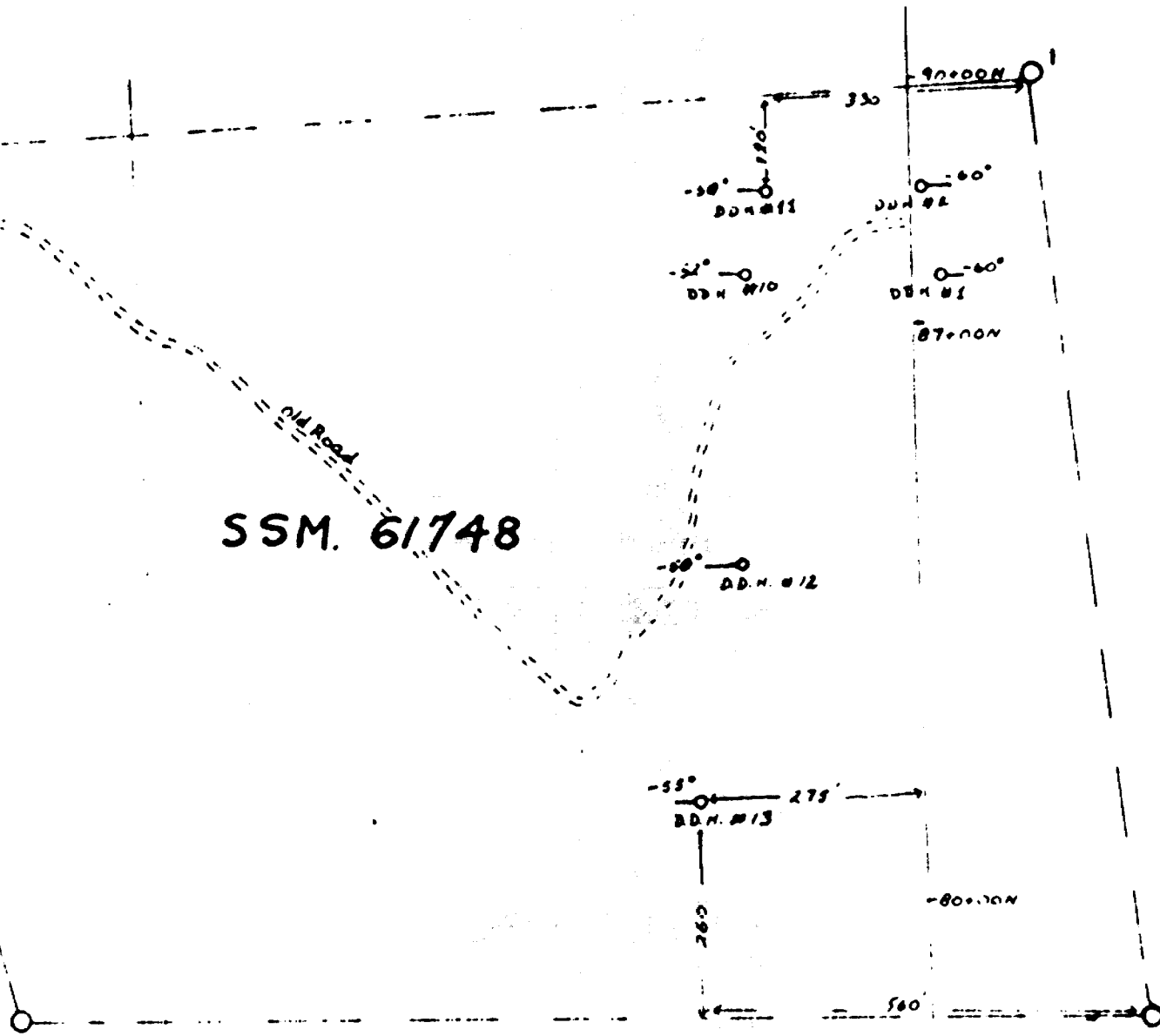
Core
Storage
in boxes on rack

Ryan
Twp. line.

SSM. 61748

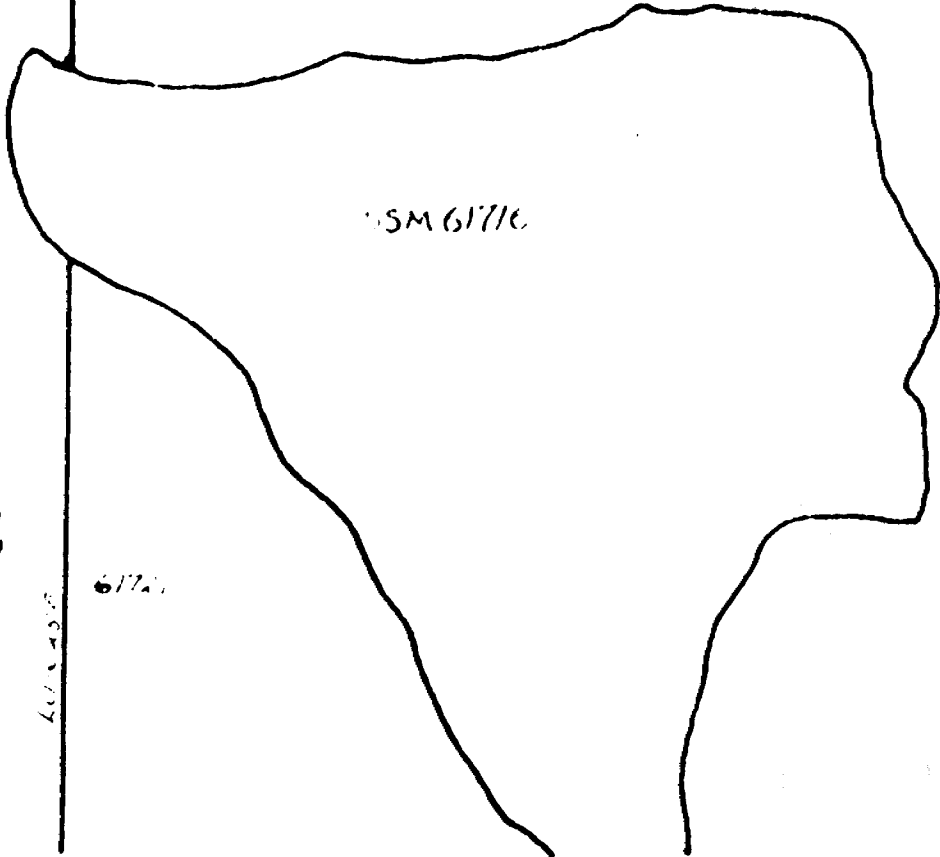
Scale
SCALE: 1" = 200'

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REMOVED

NOT THE GEOLOGICAL



61715

61722

61720

61721

SM 61716

MOVED FROM THE RESIDENT DEPT. OF MINES MARIE. ONT.

Scale 1" = 200'

DENSON MINES LIMITED
Explorations Division.

PARCEL 617
PLAN 200 55M. CATHER
WELL LOCATIONS AND FRENCH LOCATIONS 617

SCALE 1" = 200'
DATE 1928

1928

F164

61714

61713

61715

SSM 61716

DDH
22
23
D.H. 4
Trench

100' 25'

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Scale

1" = 200'

PANCAKE BAY MINES LIMITED

PANCAKE BAY
RYAN TWP SSM, ONTARIO

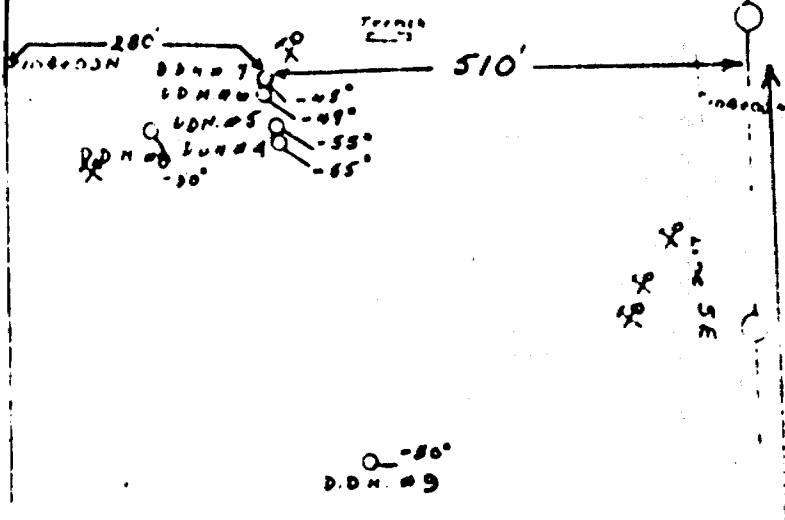
DRILL HOLE and TRENCH LOCATIONS 61716

SSM

1000
26 MAR 1964

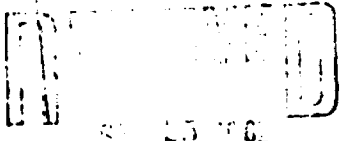
109

101 11 64



SSM. 62042

1200'



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... FROM
... OF THE RESIDENT
GEOLOGIST, ONT. DEPT. OF MINES
SAULT, STE. MARIE, ONT.

Scale
1" = 200'

Scale: 1" = 200'

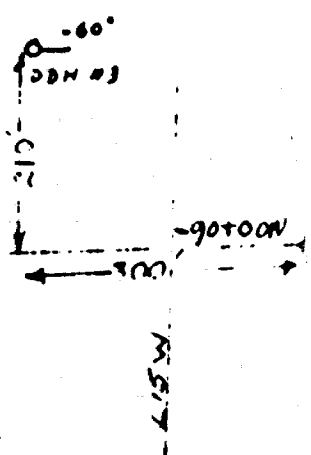
155'

SSM 62044



SEP 25 1962
RESIDENT GEOLOGIST
BAULT STE. MARIE

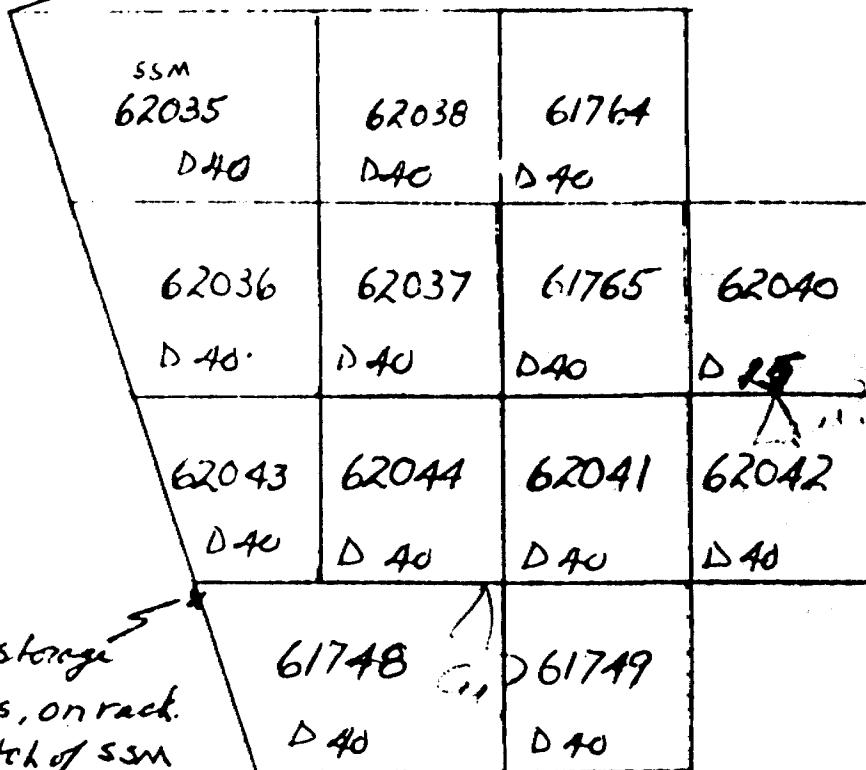
SEP 25 1962
RESIDENT GEOLOGIST
BAULT STE. MARIE



SCALE 1" = 200'
Scale
1" = 200'

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RYAN TWP



Core storage
in boxes, on rack.
See sketch of SSM
61748

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Scale
1" = 1320'

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DENISON MINES LIMITED
EXPLORATIONS DIVISION

PROPERTY NAME - PANCAKE BAY
LOCATION - RYAN TWP
MAP TITLE - GROUPING SKETCH

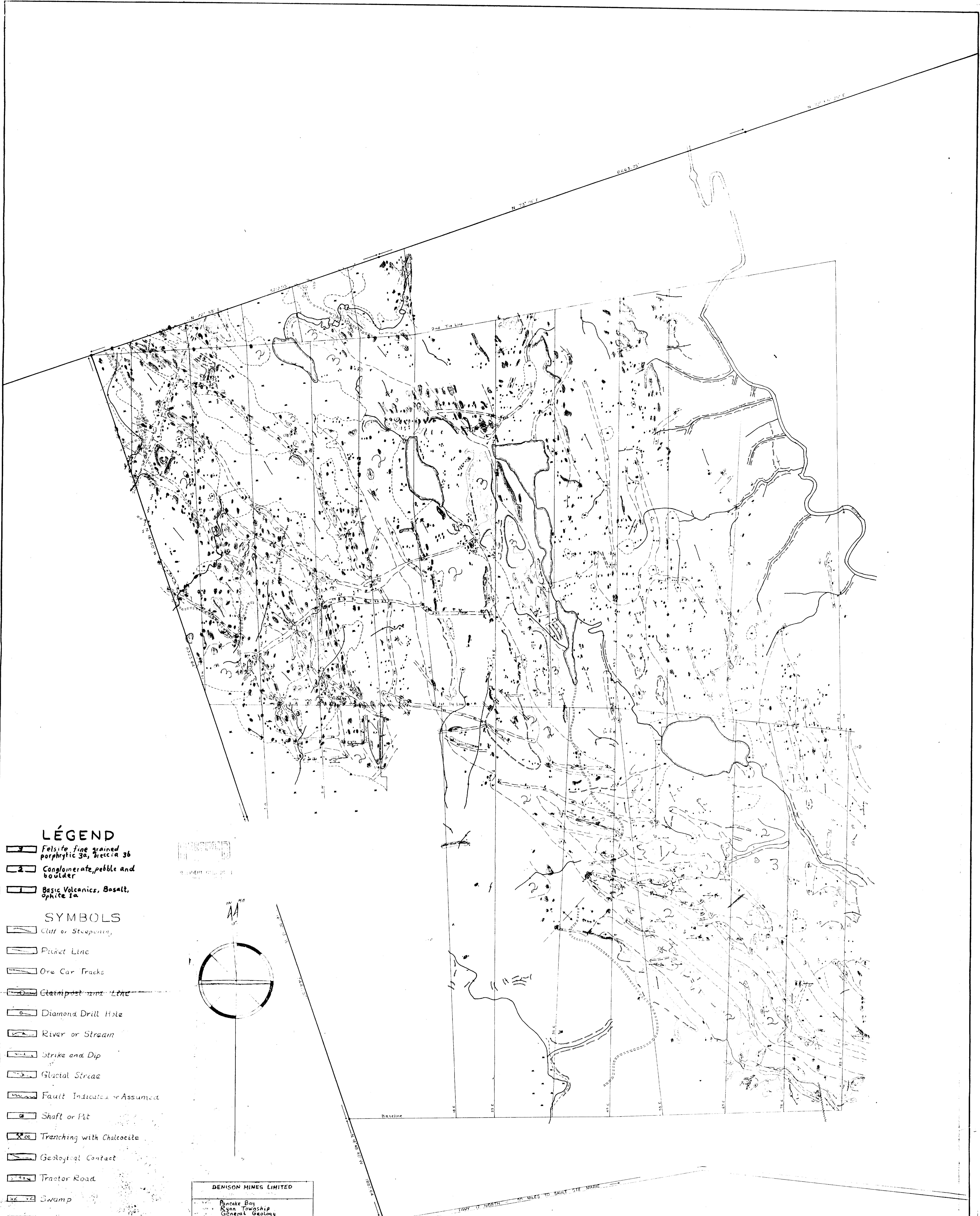
SCALE 1" = 1320' DRAWN BY JCL PROJECT 64
DATE 8 AUG 1961 APPD BY DUG

SM-160.
Linnæus Mus. Stockholm.

2 R
1 1 3
3 0
3 3
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2 5
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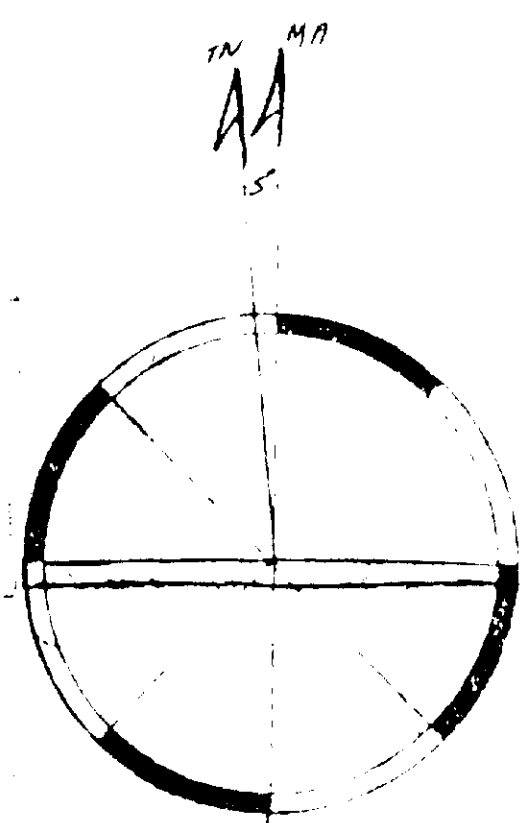


LÉGENDE

- 1 Felsite, fine grained porphyritic 3a, Breccia 3b
- 2 Conglomerate, pebble and boulder
- 3 Basic Volcanics, Basalt, Ophite 1a

SYMBOLS

- Cliff or Steepening
- Picket Line
- Ore Car Tracks
- Chainpost and Line
- Diamond Drill Hole
- River or Stream
- Strike and Dip
- Glacial Striae
- Fault Indication or Assumed
- Shaft or Pit
- Trenching with Chalcoelite
- Geological Contact
- Tractor Road
- Swamp
- Old Crop Area



DENISON MINES LIMITED
 Pancake Bay
 Ryan Township
 General Geology
 215/63

ROMAN CORPORATION LIMITED
 EXPLORATIONS DIVISION
 PANCAKE BAY
 RYAN TWP., ALGOMA
 GEOLOGY
 1" = 500'
 Apr, 1964

RYAN-0016 #1

