

32D12SW0183 10 GARRISON

010

Diamond Drilling

Township of GARRISON

Report No 10

Work performed by: Canadian Johns-Manville

Claim No	Hole No	Footage	Date	Note
L 46954	G-1	✓ 725.0'	June/50	
L 46955	G-4	/ 700.0'	Aug/60	
L 55092	G-6	✓ 632.0'	Oct/50	
L 55465	G-8	✓ 650.0'	Oct/50	
L 55340	G-9	✓ 715.0'	May/51	
	G-10	✓ 704.0'	May/51	
L 56829	G-11	✓ 600.0'	July/51	
	G-20	✓ 416.0'	Oct/51	
L 55314	G-12	✓ 792.0'	July/51	
L 54627	B-5	✓ 575.0'	June/51	
	B-9	✓ 687.0'	June/51	
L 54619	B-14	✓ 795.0'	Aug/51	
L 54620-1	#-1	✓ 156.0'	1951	
	#-2	✓ 158.0'	1951	
	#-3	✓ 152.0'	1951	
Notes:	#-4	✓ 152.0'	1951	

8609

8609.0

5981.0

4505.0

Diamond Drilling

Township of GARRISON (Cont'd.)

Report NO

Work performed by:

Claim NO	Hole NO	Footage	Date	Note
L 54620-1	#-5 ✓	161.0'	1951	
	#-6 ✓	150.0'	1951	
	#-7 ✓	125.0'	1951	
	#-8 ✓	153.0'	1951	
L 59764	✓ G-22	189.0'	July/54	
	✓ G-23	208.0'	July/54	
L 60404	✓ G-24	603.0'	Aug/54	
L 61787	✓ G-25	164.0'	Sept/58	
	✓ G-26	426.0'	Oct/58	
L 61786	✓ G-27	757.0'	Oct/58	
L 61779	✓ G-28	704.0'	Oct/58	
L 61788	✓ G-29	685.0'	Oct/58	
L 60737	✓ G-30	160.0'	Nov/58	
L 64090	✓ MV-1	403.0'	Nov/58	
L 54645	✓ G-64-3	593.0'	Dec/64	

Notes:

5-181

Diamond Drilling

Township of GARRISON (Cont'd.)

Report NQ

Work performed by:

Claim NQ		Hole NQ	Footage	Date	Note
L 78072	✓	G-64-4	1005.0'	Jan/65	
	✓	G-64-5	514.0'	Feb/65	
L 95376	✓	G-65-1	170.0'	Dec/65	
	✓	G-65-1A	577.0'	Dec/65	
L 95106	✓	G-66-1	704.7'	Jan/66	
L 84877	✓	G-66-2	202.0'	Jan/66	
	✓	G-66-3	202.5' 800.5	Feb/66	
L 77047	✓	G-67-1	120.0'	June/67	
	✓	G-67-1A	500.0'	June/67	
			<hr/> 4595.2		

Notes:

CANADIAN JOHNS-MCNVILLE COMPANY (ONT) LIMITED

Date Begun: June 14/50
 Completed: July 5 /50
 Depth 725'

Hole No. G1
 Location Line 6 / 00 E. 27 / 20 S
 800' W from Post #2
 Claim L46954
 Bearing Due N.
 Dip 45 deg.

3-5-19

PROPERTY Garrison Twp. - Vander Veert Option

<u>FOOTAGE</u>		<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
<u>From</u>	<u>To</u>		
0	80		Casing
80	-171	Serpentinized Dunite	Medium green, granular, serpentized dunite with carbonate stringers, pierelite seams and a few thread veins of chrysotile asbestos. The carbonate stringers which are numerous at 80' decrease in intensity towards 171'. 149'8" - 171' intense shearing.
171	- 528	Serpentinized Dunite	Medium green, granular, serpentized dunite with a few thread veins of chrysotile asbestos. 171-174 intense shearing 217'8"-278 "
528	- 638'6"	Serpentinized Dunite	Medium green, granular, serpentized dunite with carbonate stringers and a few thread veins of chrysotile asbestos.
638'6"	- 648	Felsite	Fine grained grey felsite. Serpentine at contacts with felsite shows up to 1" of reddish brown alteration.
648	- 725	Serpentinized Dunite	Similar to 528-638'6" but with increasing number of carbonate stringers toward 725'.

Logged by J. S. Koski.

CANADIAN JOHNS-MANVILLE (ONT) LIMITED

DDH # G-4

Date Begun: Aug. 14, 1950 Location: 600' East Post #4
Completed : Sept. 2, 1950 850' South " "
Depth: 700' Claim 146955
Bearing - Due South
Dip - 45 degrees

PROPERTY Garrison Twp. - Vander Voort Option

<u>BOGAGE</u>		<u>DESCRIPTION</u>
<u>From</u>	<u>To</u>	
0	180	Overburden
180	429	Medium green, semi-granular serpentized dunitite with disseminated magnetite, magnetite seams and talc seams. Thread veins of slip fibre and cross fibre chrysotile asbestos occur.
	210 - 230	Moderately sheared and fractured.
	250 - 270	" " "
	320 - 329'6"	" " "
	406 - 415	Highly " "
	422 - 425	" " "
429	700	Medium green, granular serpentized dunitite with scattered veins of slip fibre and cross fibre chrysotile asbestos. Talc seams, magnetite seams and disseminated magnetite are common.

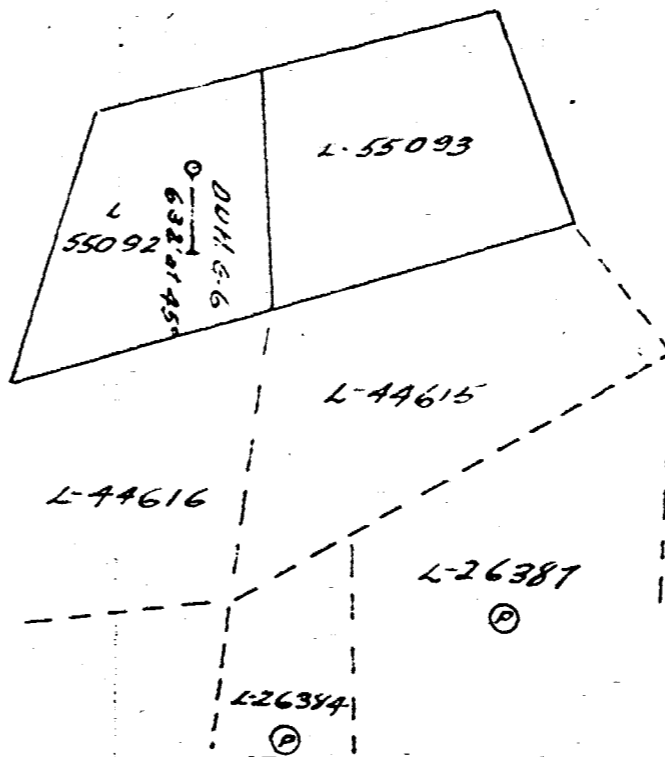
The serpentine is highly fractured.

Logged by J. S. Koski.

INDIAN
RES #10

RAND TOWNSHIP

GARRISON TOWNSHIP



CAN. JOHNS-MANVILLE (ONT) LTD,

GARRISON TWP.

D.D.H. G-6 ON C.I. L-55092

COLLARED 350' WEST POST #1

500' SOUTH POST #1

BEARING - DUE SOUTH

DIP. 45° TOTAL DEPTH-632'

SCALE 1"=1000'

CANADIAN JOHNS-MANVILLE COMPANY (ONT) LIMITED

Date Begun: Oct. 16, 1950
 Date Completed Oct. 27, 1950
 Depth: 622'

Hole No. G-6
 Location: Line 54 / 00 E - 16 / 00 S
 250' W & 500' S of Post #1
 Claim L55092.
 Bearing: Due S.
 Dip: 45 degrees.

PROPERTY: Garrison Twp. Adams Option

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 30		Overburden
30 - 547	Serpentinized dunite	Medium green semi granular serpentinized dunite with a few magnetite seams and thread veins of cross fibre chrysotile asbestos. 20 - 39 Intense shear 255 - 258 " " 492 - 515 " "
547 - 572	Diabase	Fine-grained diabase dyke with inclusions of serpentinized dunite.
572 - 599	Serpentinized dunite	Same as 30 - 547 582 - 591 Shear zone.
599 - 623	Serpentinized dunite	Dark green, fine grained serpentinized dunite.
623 - 622	Gabbro	Pale green, medium grained, highly altered gabbro.

Logged by J. S. Koski

3-1-56

INDIAN
RES. #70

L-55463

L-55462

L-55461

L-5546

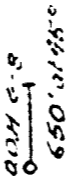
L-55459

L-55458

RAND TOWNSHIP



L-55464



L-55465

GARRISON TOWNSHIP

L-56244

L-44615

L-44616

L-26387

L-26387

CAN. JOHNS-MANVILLE (ONT) LTD,

GARRISON TWP

D.D.H. G-8 ON CL L-55465

COLLARED 1000' WEST POST #1

900' SOUTH POST #1

BEARING - DUE NORTH

DIP - 45°. TOTAL DEPTH - 650'

SCALE 1" = 1000'

CANADIAN JOHNS-MANVILLE COMPANY (ONT) LIMITED

Date Begun: Oct. 1, 1950
Completed: Oct. 16, 1950
Depth: 850'

Hole No. G-8

Location: Line 60 / 00 E 9 / 00 S
1000' W of Post #1
Claim L55465
900' S of Post #1
Claim L55465

Bearing Due North Dip: 45 deg.

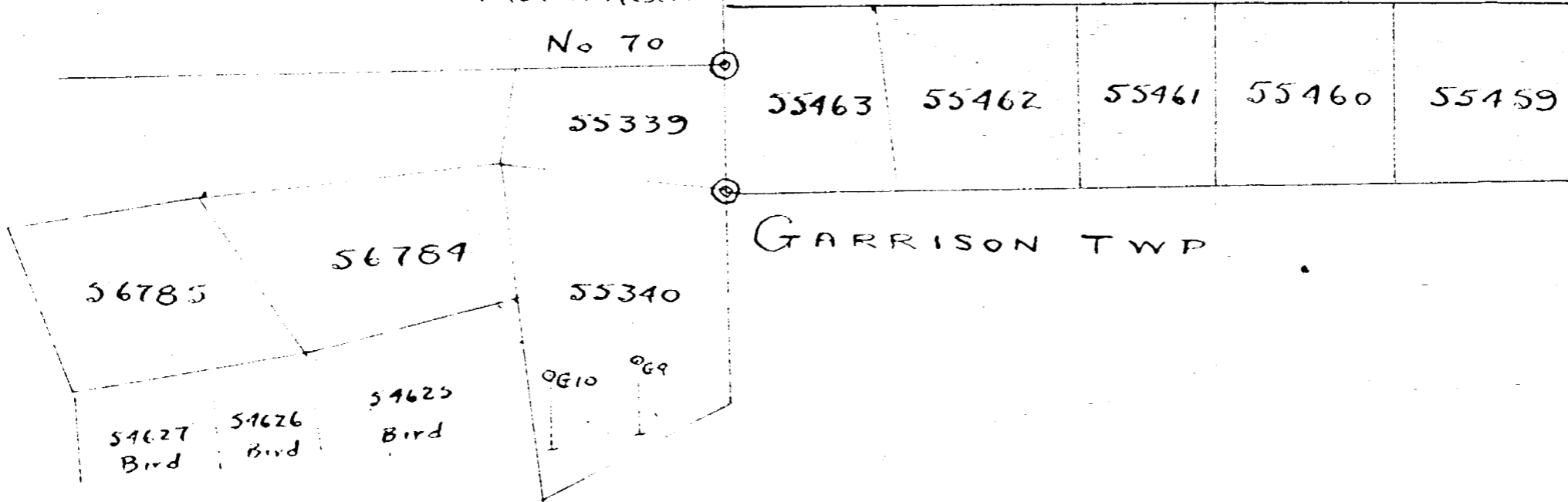
PROPERTY: Garrison Township (CJM)

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 72		Overburden
72 - 92	Serpentinized dunite	Dark green, fine grained serpent- inized dunite with disseminated magnetite seams. Thread veins of cross-fibre chrysotile asbestos occur.
92 - 102	Felsite	Pale green, fine grained felsite dyke.
102 - 850	Serpentinized dunite	Same as 72 - 92.

Logged by J. S. Koski:

RAND TWP.

Indian Reserve
No 70



GARRISON TWP.

CAN. JOHNS-MANVILLE (ONT) LTD.
GARRISON TWP.

LOCATION of DDH'S GY and G 10
G 9 1100'S and 600 W from Post 1 55340
G 10 1200'S and 1200 W from Post 1 55340

SCALE 1" = 1000'

9200's
10200's
11200's
12100's
13200's
14200's
15200's
16200's
17200's
18200's
19200's
20200's
21200's

LINE 12100W

0200'S ON TWP. LINE


RAND. TWP.
GARRISON TWP.

L. 55340



D.D.H.G-10

D.D.H.G-10
LOCATION - LINE 12100W - 21200'S, C/A M-255340
BEARING - DUE SOUTH
DIP @ COLLAR - 45° SOUTH
CASING - 48 Feet
TOTAL DEPTH - 70A' Feet
SCALE - 1 INCH = 200 FEET.

 SERPENTINE

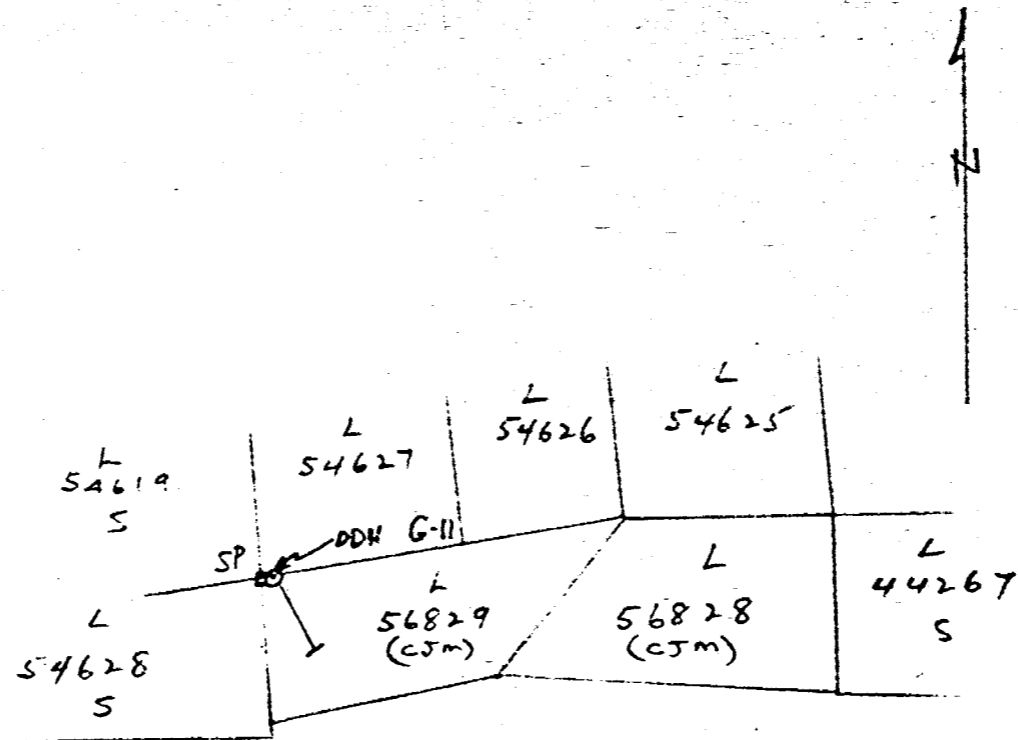
CANADIAN JOHNS-MANVILLE (ONT) LTD.

Diamond Drill Hole G-9: Garrison Township: Claim L55240

Location: 1100' S & 600' W of #1 post
Date Begun: May 6, 1951 Bearing: Due South
Date Completed: May 13, 1951 Dip: 45 deg.

<u>Footage</u>	<u>Rock Type</u>	<u>Description</u>
0 - 27		Casing
27 - 44	Serpentinized dunite	Medium green, semi-granular serpentinized dunite with magnetite seams and thread veins of cross fibre chrysotile asbestos. Some slip rock.
44 - 188	Same	Same with scant magnetite. Sheared and slightly talcy containing asbestos veinlets.
188 - 267	Same	More massive with shearing 90 - 108' and 158 - 168'. Talcy from 208 to 267.
267 - 715	Same	Same with fibre veins up to $\frac{1}{2}$ ". Slip rock and scant slip fibre from 575 to 715'.

Logged by D. Doel.



Canadian Johns-Manville (Ont) Ltd
 Matheson, Ont.

Sketch showing location of
 DDH G-11
 in Garrison Township

Scale 1" = 1000' *Allen*

CANADIAN JOHNS-MANVILLE (ONT) LTD.

Diamond Drill Hole G-10: Garrison Township: Claim L55240

Location: 1200' W & 1200' S of #1 post
Date Begun: May 15, 1951 Bearing: Due S
Date Completed: May 29, 1951 Dip: 45 deg.

<u>Footage</u>	<u>Rock Type</u>	<u>Description</u>
0 - 48		Casing
48 - 137	Serpentinized dunite	Medium green, semi-granular serpentinized dunite with magnetite seams and thread veins of chrysotile asbestos.
137 - 148	Same	Sheared zone
148 - 704	Same	Serpentinized dunite with magnetite seams, some slip fibre and narrow veins of chrysotile asbestos up to 1/4".

Logged by D. Doal

L56829

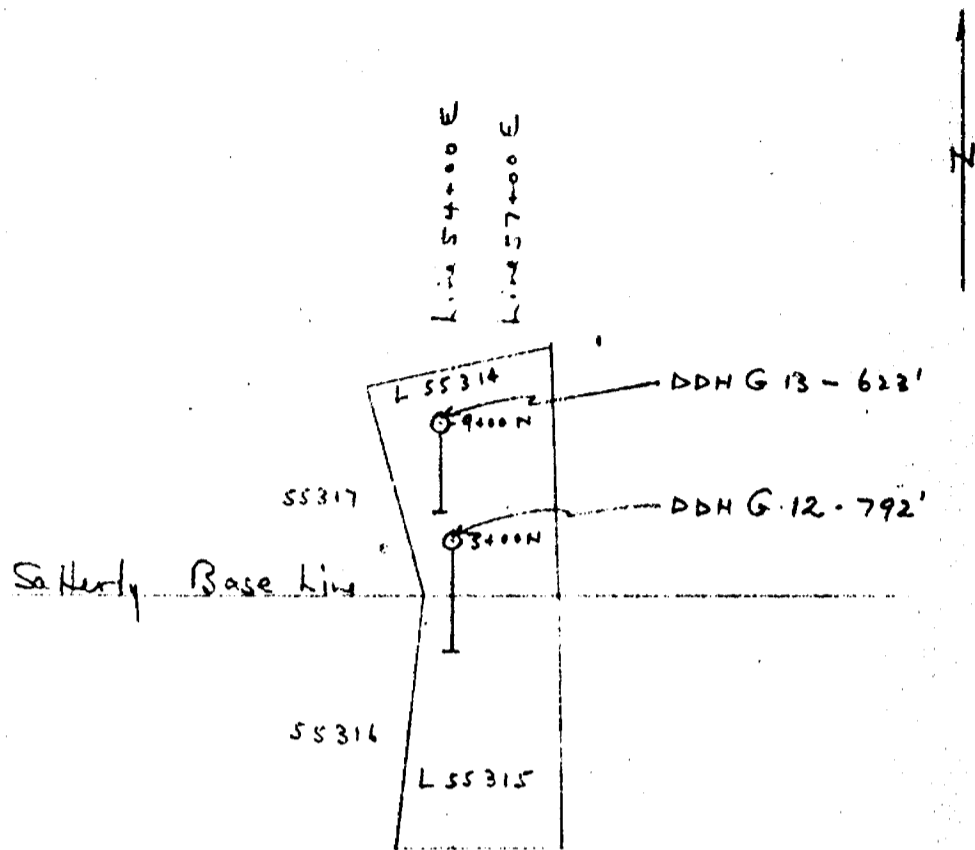
CANADIAN JOHNS-MANVILLE (ONT) LIMITED

Diamond Drill Log. Hole G-11
Garrison Township

Location: 60' East from Post No. 1 of surveyed claim L54628
Bearing: S30E
Dip: 45 deg.
Date Started: July 1, 1951
Completed: July 11 1951
Depth: 600'
Logged by: D. Doal

<u>Footage</u>	<u>Rock Type</u>	<u>Remarks</u>
0-34		Casing
34-64	Carbonate	From 55 1/2 - 63 silicified
64-540	Serpentinized peridotite	From 63 - 64 calcite stringers Medium grained, green, considerable magnetite, some chrysotile veins and fibrous amphibole.
540-600	Carbonate	
	600 - End of hole	

3-4-21



Canadian Johns Manville Co Ltd
Matheson Ont.

Location + plan of DD Holes

Garrison Twp

Scale 1" = 1000'

Aug 29/51
A.H.

CANADIAN JOHNS-MANVILLE COMPANY, LIMITED

HOLE G-12

DIAMOND DRILL LOG

GARRISON TOWNSHIP, ONT.

Claims 55314-15

LOCATION: Line 5400 E - 3400 N
STARTED: July 28, 1951
COMPLETED: Aug. 14, 1951
DEPTH: 792'

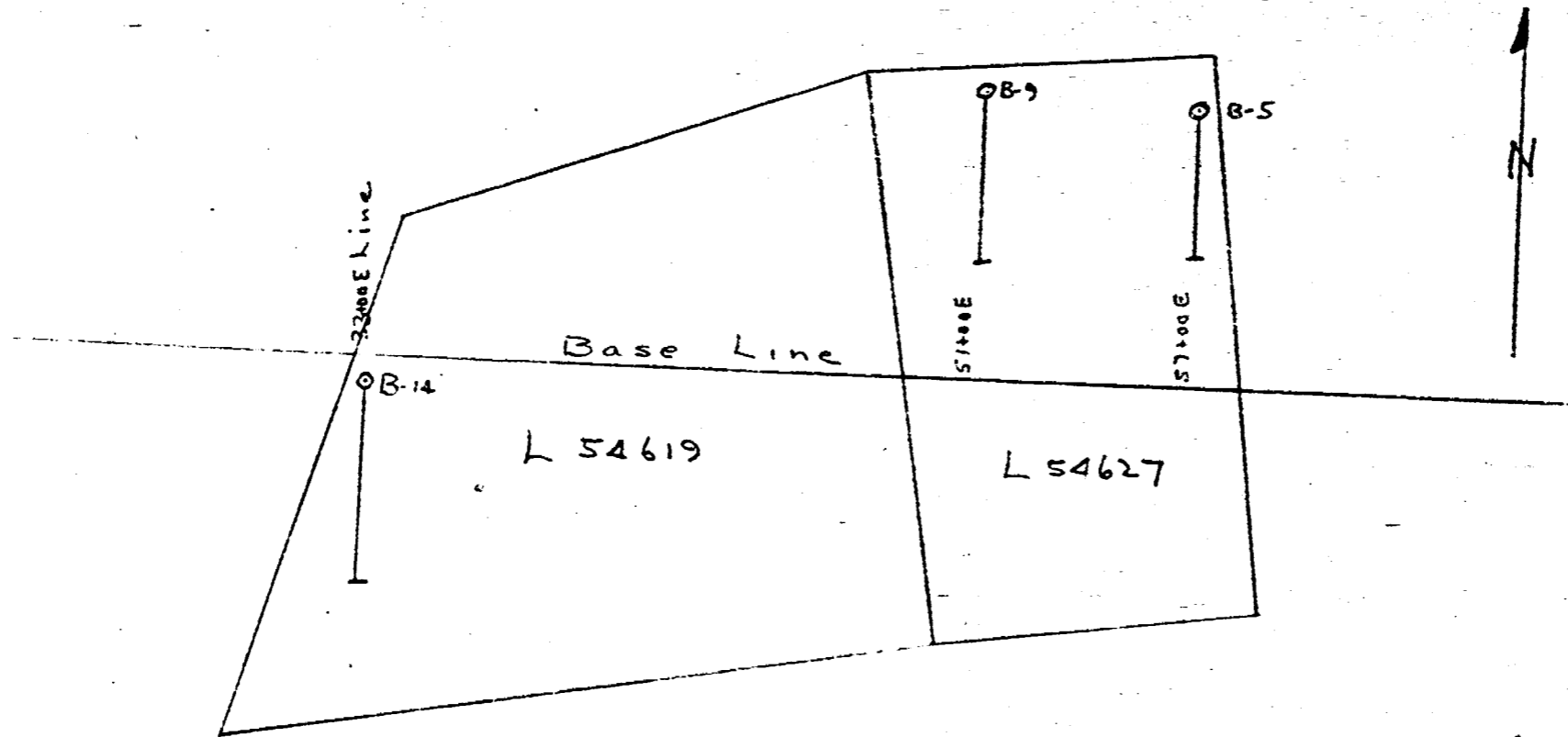
BEARING: Due South
DIP: 45 deg.

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 94		Casing
94 - 145	Peridotite - serpentinized	Green to pale green.
145 - 456	" "	Green to dark green. From 314 to 332' sheared and fractured.
456 - 496	" "	Massive, dark green with magnetite.
496 - 546	" "	" " " " numerous thread veins of chrysotile asbestos.
546 - 586	Medium dark serpentine	Abundant magnetite. Thread veins of asbestos. 6" Acid dyke at 583'.
586 - 792	" " "	Massive. Abundant magnetite. Few thread veins of asbestos.

792 End of hole.

Logged by D. R. Doal.

3-12-20



Canadian Johns-Manville Co Ltd
Matheson, Ont.

Plan of DDH's B-5, B-9 and B-14
on surveyed claims L 54619 and
L 54627, Garrison Twp

Scale 1" = 500'

Sept 15/51
KTS

CANADIAN JOHNS-MANVILLE COMPANY, LTD.

Hole B-5

DIAMOND DRILL LOG

Claim 54627

Bird Option - Garrison Trp.

LOCATION: Line 57/00 E 9/00N
 STARTED: June 12, 1951
 COMPLETED: June 19, 1951
 DEPTH: 575'

BEARING: Due S.
 DIP: 45 deg.

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 25		Casing
25 - 55	Medium dark serpentine	Some slip rock, magnetite and a few thread veins of asbestos.
55 - 335	" " "	Massive with magnetite throughout. Numerous thread veins and veins of chrysotile asbestos up to 1/4".
		Some slip rock
		" olivine
335 - 345	Medium dark serpentine	Slightly sheared. A few narrow veins of asbestos.
345 - 415	" " "	Massive with thread veins and veins up to 3/16". Some slip rock & olivine.
415 - 425	" " "	Sheared. Magnetite.
425 - 445	" " "	Some slip rock & magnetite. A few thread veins.
445 - 485	" " "	Magnetite & a few veins of asbestos up to 3/16".
485 - 575	" " "	Massive, with magnetite & slip rock. A few veins of asbestos up to 3/16".
	575' End of hole	

Logged by D. R. Doal.

CANADIAN JOHNS-MANVILLE COMPANY, LTD.

Hole B-9

DIAMOND DRILL LOG

Claim L54627

Bird Option - Garrison Twp.

LOCATION: Line 51/00 E 9/45 N
STARTED: June 20, 1951
COMPLETED: June 27, 1951
DEPTH: 687'

BEARING Due South
DIP: 45 deg.

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 25		Casing
25 - 45	Medium dark serpentine	Massive with magnetite
45 - 65	" "	Massive with magnetite & a few picrolite veins. Veinlets of chrysotile asbestos up to 1/8".
65 - 95	" "	Massive with picrolite & magnetite
95 - 130	" "	Massive with magnetite & a few veins of asbestos up to 1/8". Shearing from 116' to 118'.
130 - 560	" "	Massive with numerous veins of asbestos up to 1/4".
560 - 650	" "	Massive with numerous thread veins & a few veinlets up to 1/16".
650 - 660	" "	Slightly sheared from 620' to 630'. Thread veins. Highly sheared from 657' to 660'.
660 - 687	" "	Massive with magnetite. Slightly sheared.
	687 End of hole	

Logged by D. R. Doal

CANADIAN JOHNS--MANVILLE COMPANY, LTD.

Hole B-14

DIAMOND DRILL LOG

Claim L54619

Bird Option - Garrison Twp.

LOCATION: Line 33/00 E 0/80S
 STARTED: Aug. 1, 1951
 COMPLETED: Aug. 11, 1951
 DEPTH: 795'

BEARING: Due South
 DIP: 45 deg.

<u>FOOTAGE</u>	<u>ROCK TYPE</u>	<u>DESCRIPTION</u>
0 - 90		Casing
90 - 110	Pale green serpentine	Much magnetite, sheared, carbonate veinlets Some slip fibre, thread veins ' veinlets of chrysotile asbestos up to 1/8".
110 - 120	" " "	Same with some tale
120 - 130	" " "	Sheared, much magnetite, 6" calcite vein at 122'.
130 - 140	" " "	Sheared, much magnetite. Carbonate veinlets A few asbestos veins to 1/4"
140 - 237	" " "	Sheared, much magnetite. Carbonate veinlets Some slip fibre & slip rock. Veins of asbestos up to 1/4".
237 - 280	" " "	Same with a few thread veins. At 263' granite injection.
280 - 348	" " to dark "	Well sheared, much magnetite, considerable carbonate veining, some slip rock & a few thread veins.
348 - 368	" " " "	Slightly sheared, less magnetite, less carbonate veining
368 - 382 1/2	Grey feldspar porphyry,	Altered & silicified at contacts
382 1/2 - 415	Pale green to dark serpentine	Well sheared, considerable magnetite, considerable carbonate veining. Some slip fibre.
415 - 554	" " " "	Slightly sheared, considerable magnetite, Slight carbonate veining, silicified.
554 - 560	Contact carbonate	
560 - 637	Serpentinised peridotite	Little carbonate veining, silicified.
637 - 750	Carbonate	
750 - 771	Serpentinised peridotite	Magnetite, a few thread veins
771 - 795	Carbonate.	

795 End of hole.

Logged by D. Doal

DIAMOND DRILL LOG Hole #.1..
of
S.J. Bird drilling in Garrison Twp.

Dip 45 deg.
Strike.....

From	To.	1" 32	1" 16	1" 8	3" 16	1" 4	5" 16	3" 8	7" 16	1" 2	9" 16	5" 8	11" 16	13" 4	135 16	15" 8	15" 16	Remarks
0'	25'	6	5	3	3	2												serpent. Considerable hair fibre.
25'	50'	4	3	2	1	2	2			1				2				Dark serp. Some Hair Fib
50'	75'	11	5	5	1	1	1		2	1								Dark serp.
75'	100'	14	13	4	2	3		1										Dark serp.
100'	125'	6	12	8	4					1								Dark serp some hair fibre.
125'	150'	17	7	2	1													
150'	156'	2	2	1	1													Dark serp some hair fibre.

End of hole 156.0'

DIAMOND DRILLING LOG HOLE # 2
of
S.J. Bird drilling in Garrison Twp.

Dip.. 45 deg.
Strike.....

From	To.	$\frac{1''}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{13}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	Remarks
0	25'																dark serp. some hair fibre.
25'	50'	2			2												As above.
50	75'																As above.
75	100'	4	2	2		3	4										As before.
100	125'	12	5	5		1											Consid hair fibr
125	150	7	7	3	2	7											Dark serp. consi hair fibre.
150	158	2	2	1		2											As before.

Endo of hole 158'

DIAMOND DRILLING LOG HOLE # 3.
of
S.J. Bird drilling in Garrison Twp.

Dip..45 deg.
Strike.....

From	To.	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	Remarks
0	25'																	... A little hair fibr Serp.
25	50'	2	3	1														...As before.
50	75	3		1		1												...Consid hair fibre Serp.
75	100'	2	3	1														...Rather hard serp. Consid hair fibre.
100	125'	2	1	3														...A little hiar fibr Serp.
125	150'	5	2															In this section there is a 1" fibre. ...Consid hair fibre. . Serp.
150	152	1	1															...A little hair fibr

End of hole 152'.

DIAMOND DRILL LOG Hole # 4
of
S.J. Bird Drilling in Garrison Twp.

From	To	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	Remarks
0	25'		2															..Consid hair fibr serp.
25	50'	2		2		1												..As before
50	75	15	7	2														..As before.
75	100	7	9	4														..Sl. serp. Consid hair fibre.
100	125'	4	4		1													..Serp.
125	150'	2	2	1				1										..As before.
150	152'	1	1															..As before.

End of hole.... 152'

Diamond Drill Log. Hole # 5
of
S.J. Bird Drilling in Garrison Twp.

Dip... 45 deg/
Strike.....

From	To	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	Remarks.
0	25'	2	2	1		1												.serp. consid hai fibre.
25	50'	12	5	4	2	3												. Serp.
50	75'	5	8	3	1													.serp.consид hair fibre.
75	100'	9	4	4		1												.serp.Some light sections.
100	125'	1	7	6	2	1	1											;As before.
125	150'	1	7	6		5		1	2	1								1 There is a 1" fibre.
150	160'	3	3	2	1	1		1	1	1								As before.

End of Hole 161'

S.J. Bird Drilling in Garrison Twp.

Dip.... 45 deg.

Strike.....

From	To	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	Remarks.
0	25'	3	1	1														..serp.
25	50'	1	5	1	1	1				1								..As before.
50	75'	1	1	1		1												..As before. consid hair fibre
75	100'	5	10	3	3													..As above.
100	125'	2	11	7	5	4	2	1	1									..Serp. Some hair fibre.
125	150'	2	1	1		4												..As before/

End of hole 150'

DIAMOND DRILL LOG NO. 7
 OF
S.J. Bird Drilling in Garrison Twp.

From	To	<u>1</u> <u>12</u>	<u>1</u> <u>16</u>	<u>1</u> <u>8</u>	<u>3</u> <u>16</u>	<u>1</u> <u>4</u>	<u>5</u> <u>16</u>	<u>3</u> <u>8</u>	<u>7</u> <u>16</u>	<u>1</u> <u>2</u>	<u>9</u> <u>16</u>	<u>5</u> <u>8</u>	<u>11</u> <u>16</u>	<u>3</u> <u>4</u>	<u>13</u> <u>16</u>	<u>7</u> <u>8</u>	<u>15</u> <u>16</u>	Remarks.
0	25'	6	2	1	2	1												..serp. Some hair fibre.
25	50'	3	1	3		2			3	1	8							..From 24 serp. darker. Some hair fibre.
50	75'	10	7	1		2	1											..As before.
75	100'	6	1	2		1												//As before.
100	125	5	1	2	1													..As before.

End of hole 125'

DIAMOND DRILL LOG Hole #8

of
S.J. Bird Drilling in Garrison Twp.

Strike.....

Dip...-45 deg.

<u>From</u>	<u>To</u>	<u>1</u> <u>32</u>	<u>1</u> <u>16</u>	<u>1</u> <u>8</u>	<u>3</u> <u>16</u>	<u>1</u> <u>4</u>	<u>5</u> <u>16</u>	<u>3</u> <u>8</u>	<u>7</u> <u>16</u>	<u>1</u> <u>2</u>	<u>9</u> <u>16</u>	<u>5</u> <u>8</u>	<u>11</u> <u>16</u>	<u>3</u> <u>4</u>	<u>13</u> <u>16</u>	<u>7</u> <u>8</u>	<u>15</u> <u>16</u>	Remarks
0	25'	5	5	2	1	1												Serpentine
25	50'	5	3	1	2													Serp. Some hair fibre.
50	75'	2	3	6														Serpentine.
75	100'	2	3	2														Dark serp. Minor hair fibres
100	125'	2	5	3		1												Serp. Considerable hair fibres
125	153'	2	5	2	1													As before.

End of hole 153'

51+00E Base Line

1+00S

2+00S

L 54619

4+00S

L 54627

6+00S

8+00S

8+50S

⊙ G-20
DDN vertical



L 54628

L 56829

GARRISON TWP
Scale 1 inch = 200'

L 58457

LOCATION: Line 51450'E - 8150'S

DRILL LOG

DATE STARTED: Oct 9/51

HOLE No. G-20

SHEET No. 1

ELEV. OF COLLAR:

DATE COMPLETED: Oct 15/51

ELEV. OF BOTTOM:

TOTAL DEPTH: 416

PROPERTY: Garrison Twp. Claim-456829

BEARING:

DIP: 90° Vertical

DATE	RUN	CORE RECOVERED	FIBRE VEINS WITH THESE WIDTHS														REMARKS
			3/2	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	
0-42																	Casing
42-52	10	10															Light weathered serp. dunite mag. diss. Talcy
52-62																	serp. dunite Thread veins crysolite
62-72	10	10															carb. veining
72-82	10	10															Serp. dunite shearing @ 70° carb veins
82-92	10	10															serp. dunite mag. diss. Shearing
92-102	10	10															serp. dunite " " "
102-112	10	10															" " " " end of shearing 100°
112-122	10	10															serp. dunite carb. veining
122-132	10	10															" " " " Thread veins crysolite
132-142	10	10															" " " " diss. Mag.
142-152	10	10															" " " " " "
152-162	10	10															" " " " " "
162-172	10	10															" " " " " "
172-182	10	10															" " " " " "
182-192	10	10															" " " " " "
192-202	10	10															" " " " " "
202-212	10	10															" " " " " "
212-222	10	10															" " " " " "
222-232	10	10															" " " " " "
232-242	10	10															serp. dunite crysolite fibre To 1/4" diss. Mag.
242-252	10	10															" " carb. veining diss. Mag.
252-262	10	10															" " " " " "
262-272	10	10															" " " " " "

LOCATION: Line 51+50'E-8+50'S

DRILL LOG

DATE STARTED: Oct. 9, 1951

HOLE No. G-20

SHEET No. 2

ELEV. OF COLLAR:

DATE COMPLETED: Oct. 15, 1951

ELEV. OF BOTTOM:

TOTAL DEPTH: 416

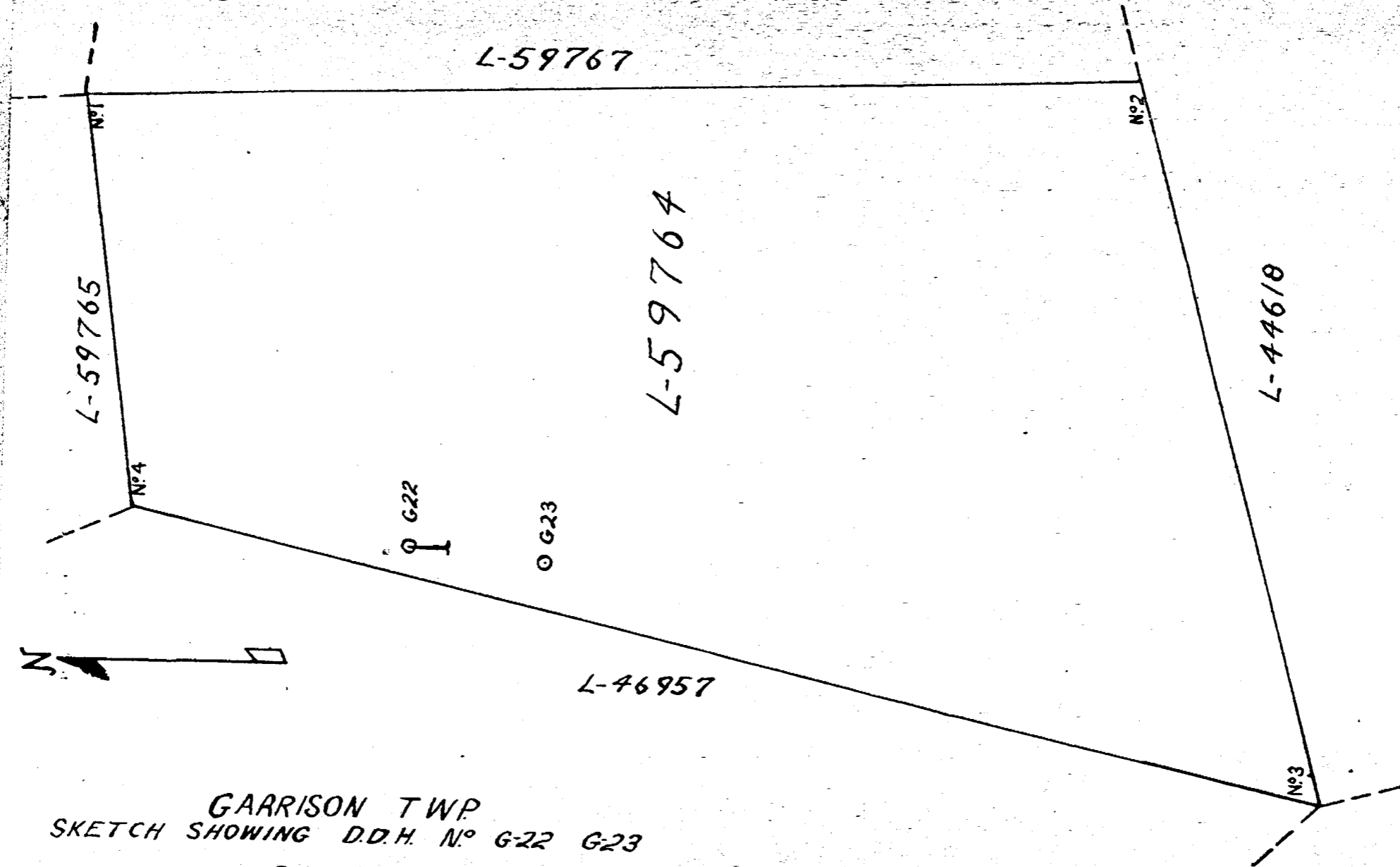
PROPERTY: Garrison Twp. claim L-56829

BEARING:

DIP: 90° vertical

DATE	RUN	CORE RECOVERED	FIBRE VEINS WITH THESE WIDTHS														REMARKS
			1/32	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	
272-282																	serp dunite carb. veining, dis. mag.
282-292																	" " " " " "
292-302																	" " " " " "
302-312																	" " " " " "
312-322																	" " " " " "
322-332																	" " " " " "
332-342																	" " " " " "
342-352																	" " " " " "
352-362																	" " " " " "
362-372																	" " " " " "
372-382																	" " " " " "
382-392																	" " " " " "
392-402																	serp dunite carb. veining shearing @ 401'
402-412																	" " shearing, Taluy
412-416			END of Hole G-20														serp dunite shearing fault zone. 409'

3-8-22



GARRISON TWP
 SKETCH SHOWING D.D.H. N° G-22 G-23

D.D.H. 22
 LOCATION OF D.D.H. G22 COLLAR
 400' S OF # 4 POST CLAIM # L-59764 50'W
 BEARING S DIP 50° TOTAL DEPTH: 189'

D.D.H. 23
 LOCATION OF DDH G23 COLLAR
 600' S OF # 4 POST CLAIM # L-59764 70'W
 BEARING NIL DIP 90° TOTAL DEPTH: 208'

SCALE: 1" = 200'

Sheet # 1
1976

DRILL LOG

Property - Garrison -
CJM

Twp. Garrison
Hole No. - G-22

Location - Line 21 East
South 22+00
East 117'

Date Started July 22/54
Date Completed July 29/54
Total Depth 189'

Elev Collar - surface
Elev Bottom
Bearing south
Dip (Collar) 50°
Dip
Dip (Bottom)

From	To	Run	Recovered	From	To	At	Remarks
0	159						Clay
159	165						Boulders
165	175						Boulders
				175			Artesian water
175	189						Clay - silt
				189			Artesian water

189 END OF HOLE

Logged by: J. Mason
July 1954.

DRILL LOG

Property - Garrison
CJM

Twp. Garrison
Hole No. - G-23

Location Line 21 East
South 24400
East 92'
Date Started July 30/54
Date Completed Aug. 5/54
Ultimate Depth 208'

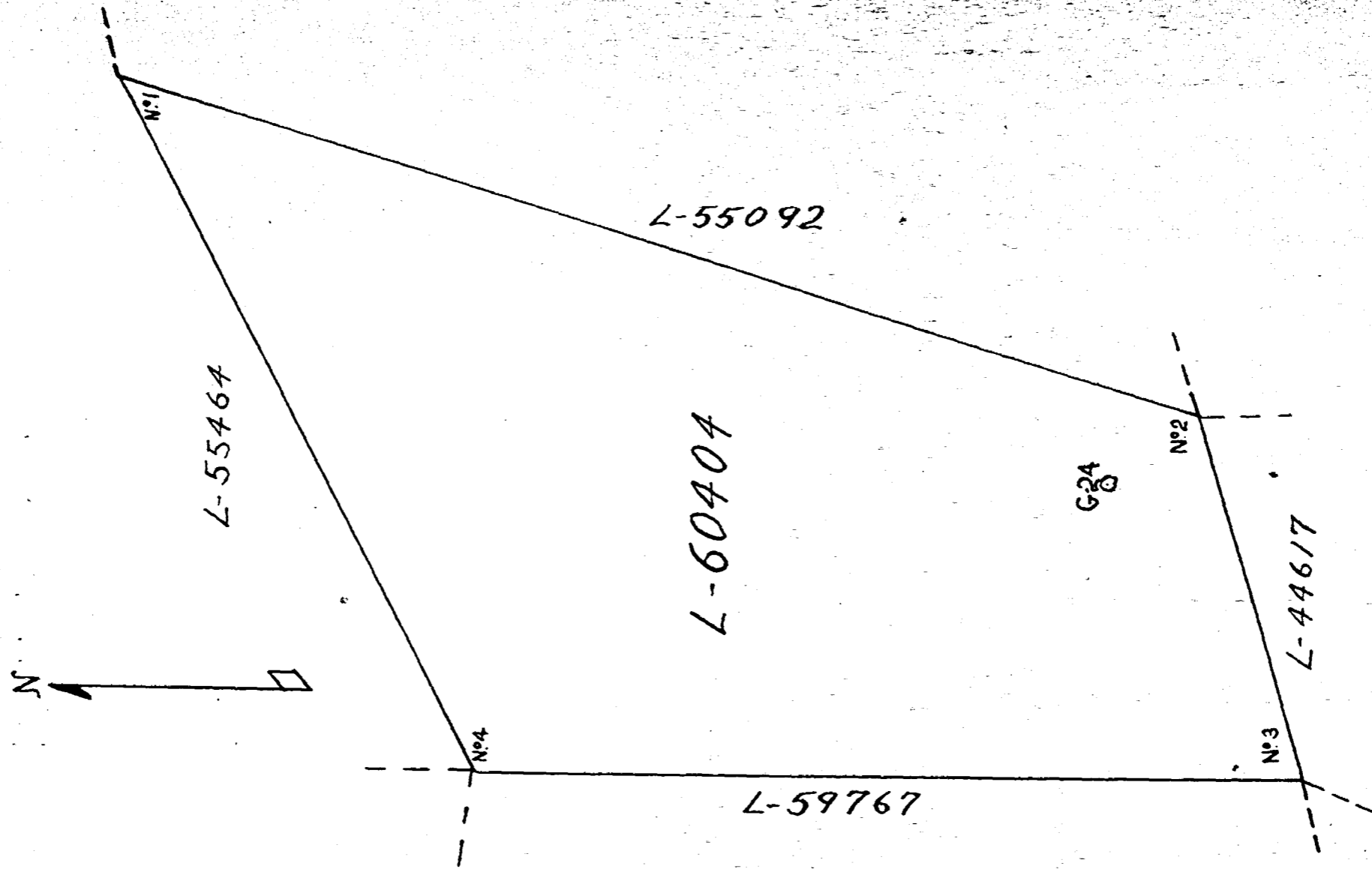
Elev Collar - Surface
Elev Bottom
Bearing Nil
Dip (Collar) 90°
Dip
Dip (Bottom)

From	To	Run	Recovered	From	To	Remarks
					At	
0	120					Clay
120	145					Fine sand
					145	Artesian water - Gravel
145	151					Gravel, small boulders
						Artesian water
151	208					Sand, with Gravel Horizons
					162	Artesian water
					171	" "
					205	" "

208 - END OF HOLE

NOTE: It is possible that water at 205 may be due to water from 171' going down between casing and overburden.

Logged by: J. Mason
Aug. 1954.



GARRISON TWP
 SKETCH SHOWING DDH. N° G24
 LOCATION OF DDH. G24 COLLAR 110' N OF #2 POST CLAIM # L-60404 80' W
 BEARING: NIL DIP: 90° TOTAL DEPTH: 603'

SCALE: 1" = 200'

D.P.B.

DRILL LOG

LOCATION:

DATE STARTED:

DATE COMPLETED:

TOTAL DEPTH:

PROPERTY: Canadian Johns-Manville Co. Ltd.]

HOLE NO: Southeast Garrison Group

G-27

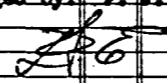
SHEET NO: 3

ELEVATION of COLLAR:

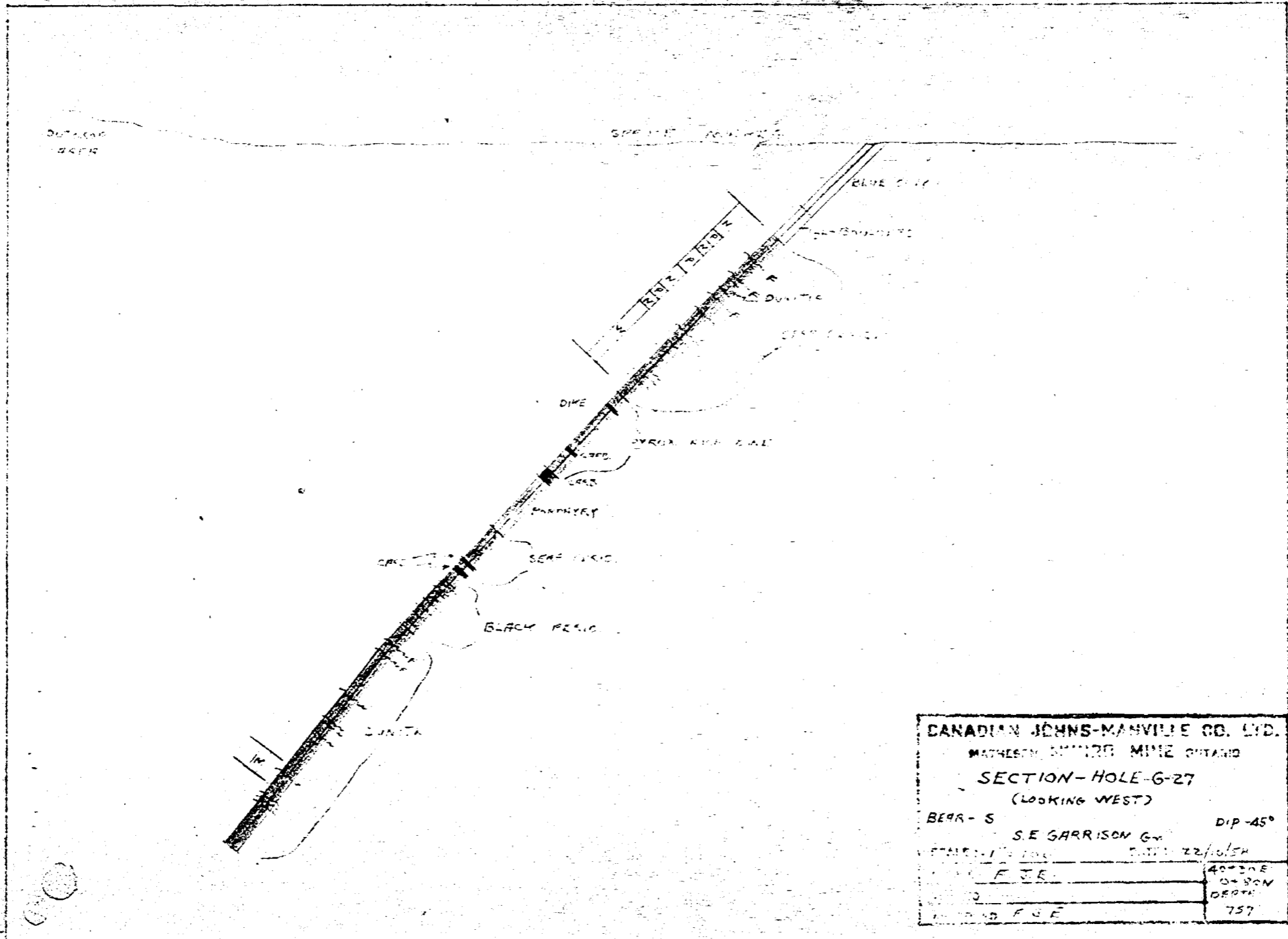
ELEVATION of BOTTOM:

BEARING:

DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												%Sl. F.	%MassF	%TotalF	VeinAng	%MAG	%PYR	Rock S	REMARKS (VEIN TYPE)
				1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	Other								
670' - 671' - strong slip at 80°.																							
675' - 2" ground core																							
679' - vein of chrysotile at 80° - 1/16																							
685' - 687' - moderate shear zone at 35°.																							
687' - 697' - 3 chrysotile veins at 1/16.																							
696' - 698' - highly fractured zone																							
704 - 705' - highly fractured zone																							
709' - 713' - weakly sheared section at 45°.																							
From 697' - becoming more highly altered serpentinized dunite - brucitic alteration - still high in thread veins																							
728' - 729' - slip at 20°.																							
736' - 757' - highly fractured throughout																							
747' - 748' slip at 20°																							
757' - end of hole.																							
Logged by: F. J. Eralagh. 																							

Garrison 10



CANADIAN JOHN'S-MANVILLE CO. LTD.
 MATHESON DIVISION MINE ONTARIO
SECTION-HOLE-G-27
 (LOOKING WEST)
 BEAR-S S.E. GARRISON GR. DIP-45°
 SCALE: 1" = 100' DATE: 22/6/54
 DRAWN BY: F.S.E. DEPTH: 757'

AS

L. 61787

DRILL LOG

LOCATION: 21470E; 1428N

DATE STARTED: October 2, 1958

DATE COMPLETED: October 10, 1958

TOTAL DEPTH: 426'

PROPERTY: Canadian Johns-Manville Co. Ltd.,

Southeast Garrison Group

HOLE NO: G-26

SHEET NO: 1

ELEVATION of COLLAR: Surface

ELEVATION of BOTTOM:

BEARING: South

DIP: 0 - 45°; 426' - 45°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% S.L. F.	% Masaf	% Total F	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/16"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"								
0' - 159' - overburden																							
0 - 110' - blue-grey clay																							
110' - 159' - coarse till, sand and boulders																							
159' - 291' - medium green coarsely granular highly serpentinized peridotite - semi-dunitic - moderately to highly fractured, 5 - 10% carbonate, magnetite content - average - minor brucitic alteration throughout - minor carbonate veining throughout; minor thread veining.																							
159' - 170' - core badly broken - 4 feet of core recovered - possible reconstituted shear zone																							
173' - 176' - strong slip zone at 25°																							
183' - 185' - strong slip zone at 25° - minor shearing at 65°																							
197' - minor weak slip fibre on serp plane																							
197' - 200' - scattered soft thread veins																							
200' - 214' - highly altered section, carbonate 15 - 20%; weakly sheared; sections highly fractured and broken																							
220' - 226' highly fractured and broken																							
223' - 4" ground core - fault?																							
228' - 233' - highly fractured and broken																							
233' - 4" ground core and breccia - fault?																							
244' - 247' - highly altered and sheared sections																							
20 - 25% carbonate - shearing at 50°																							
251' - 253' - slip zone at 30°																							
257' - 4" badly broken core																							
260' - slip at 45° - carbonate and slip serpentine on slip plane																							
Magnetite in seams increasing from 251'.																							
265' - 265' 15" - slip at 10°																							
267' - 267' 15" - ground core; shear zone?																							
269' - 291' - highly altered and sheared sections																							
20% carbonate; moderate shear zone																							
283' - 4" ground core																							
285' - 2" mud and serpentine sand																							
291' - 314' - light to medium green, coarsely granular, highly serpentinized dunitic rock containing a high content of thread fibre veins and brucitic alteration; magnetite content - average to high; slightly to moderately fractured; 5 - 10% carbonate. At 299' - 2 veins of cross fibre at 1/16th.																							
309' - 311' - moderate shear at 65°.																							
313' - 316' moderate - strong shear zone at 55°																							
317' - 320' - highly fractured and weakly sheared at 45°.																							

Garrison Twp Report 10

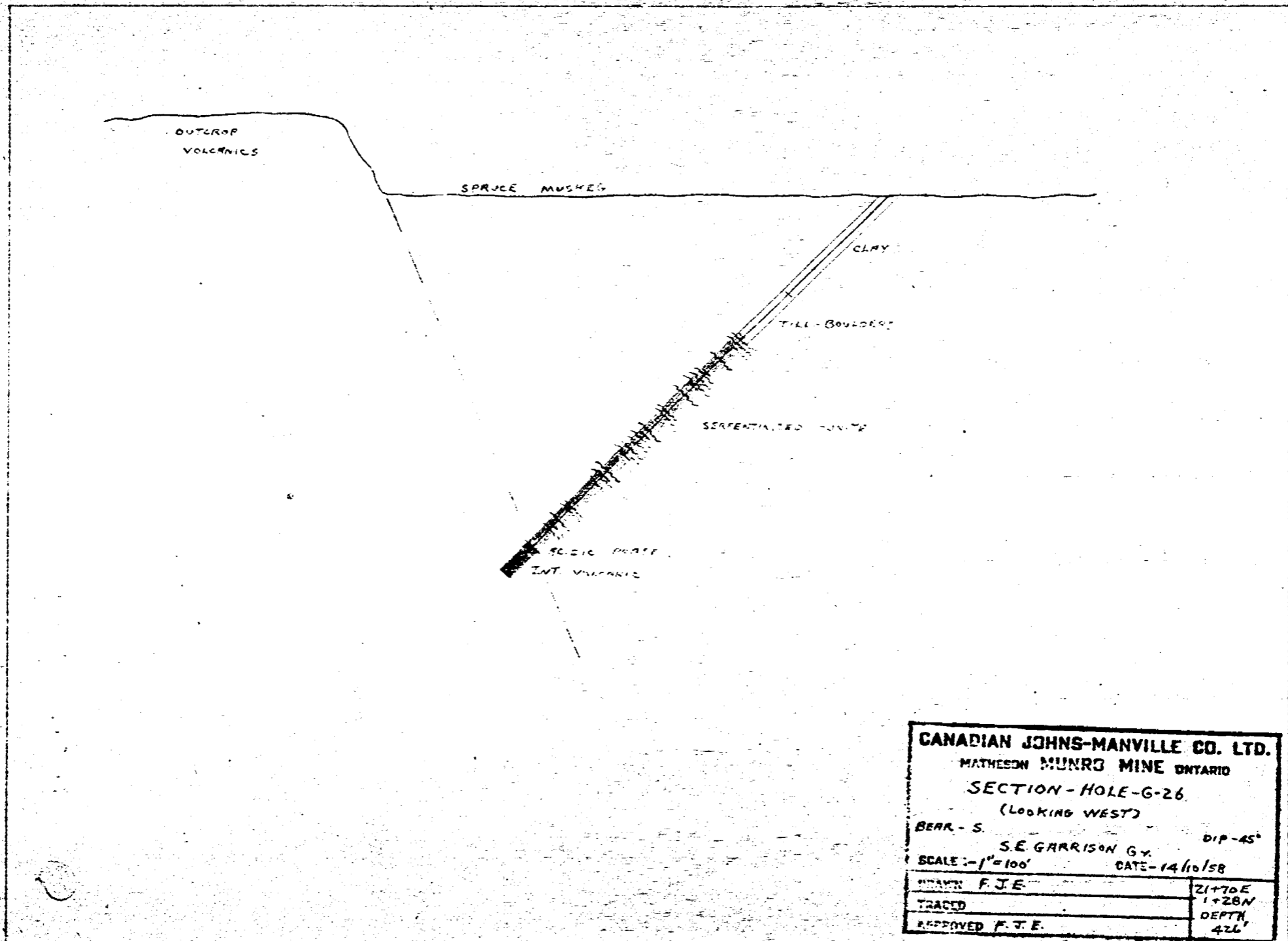
DRILL LOG

LOCATION: PROPERTY: Canadian Johns-Manville Co. Ltd.,
 DATE STARTED: PROPERTY: Southeast Garrison Group
 DATE COMPLETED: HOLE NO: G-26
 TOTAL DEPTH: SHEET NO: 2

ELEVATION of COLLAR:
 ELEVATION of BOTTOM:
 BEARING:
 DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL. F.	% MASIF	% TOTAL F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096								
314' - 357' - medium green, finer grained, highly serpentinized dunitic rock; magnetite content - average; moderately fractured; 5% carbonate																							
323' - 326' - moderately sheared section at 75°																							
327' - 328' - slip zone at 15°																							
348' - 350' - strong slip zone at 15°																							
351' - 352' - moderate shear at 25°																							
354' - 355' - moderate shear at 70°																							
356' - 357' - slip zone at 15°																							
357' - 365' - medium to light green, coarse grained highly serpentinized dunitic material containing high content of thread veins and brucitic alteration; 15 - 20% carbonate; highly fractured throughout; magnetite content average to high																							
365' - 393' - medium green, finer grained, highly serpentinized dunitic rock; magnetite content - average; moderately fractured; 5% carbonate																							
365' - 371' - moderate shear zone at 70°																							
374' - 375' - core badly broken																							
375' - 395' - weak shear zone at 60°																							
393' - 395' - dense black highly altered peridotite - contact phase																							
395' - 395' - highly altered section containing iron carbonate																							
395' - 400' - dense, fine grained acidic rock - gradational to an acidic to intermediate volcanic																							
400' - 426' - intermediate volcanic showing zones of flow breccia; fine grained; light grey-green in colour																							
426' - END OF HOLE																							
Logged by: F. J. Eylegh.																							

Garrison Twp Report 10



CANADIAN JOHNS-MANVILLE CO. LTD.
 MATHESON MUNRO MINE ONTARIO
 SECTION - HOLE-G-26
 (LOOKING WEST)
 BARR. - S. S.E. GARRISON G.V. DIP - 45°
 SCALE :- 1" = 100' DATE - 14/10/58
 DRAWN F.J.E. 21+70E
 TRACED 1+28N
 APPROVED F.J.E. DEPTH 426'

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L. 61787

GARRISON Twp

Diamond Drill Log

Hole G-25

Location - 21 E 70 E

Bearing - South

- 1 E 40 N

Dip - -45°

On Garrison Southeast

Group of Claims

0 - 110 feet - blue clay
110 - 158 " - till-gravel, sand - with numerous large boulders
158 - 164 " - highly altered light green dunite coarsely
granular and containing thread veins of chrysotile
asbestos.
164 " - end of hole.

Note - This hole was lost due to caving and pressure of sand at 158
feet.

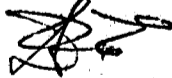
Drilling commenced - September 27, 1958.

Drilling completed - October 1, 1958.

Type of core - AXT

Contractor - Canadian Longyear Co. Ltd.

Logged By F.J. NEVELEGH



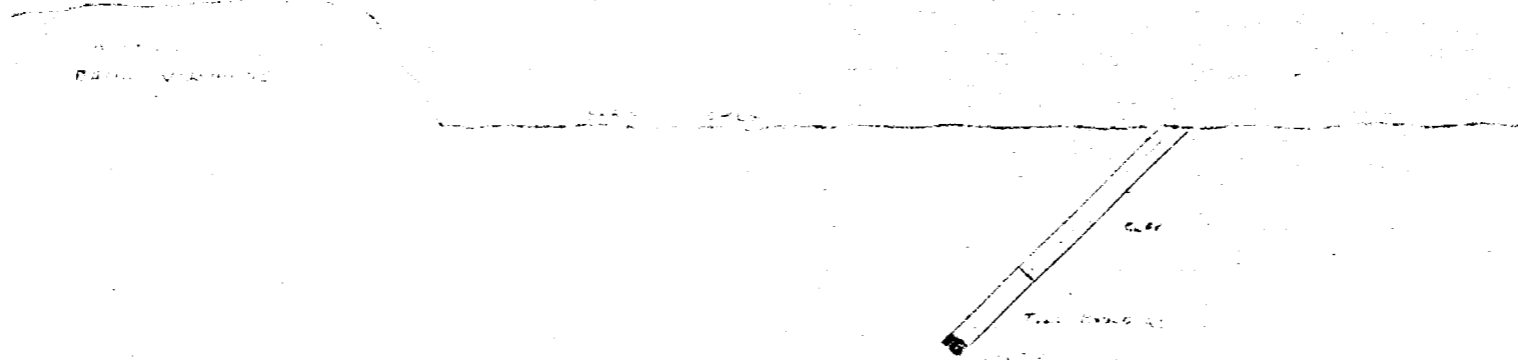
DIAMOND DRILL GEOLOGY LOG

D.D.H. G-24

Location: Line 42⁰⁰ E, 27⁰⁰ S, 1⁵⁰ E. Claim # L- 60404
Bearing : N11
Dip : 90°
Corrected Dip : 88°
Date Started: Aug. 8, 1954.
Date Stopped: Aug. 22, 1954.
Total Depth : 603'

0-45' Clay
45'-603' Dark, olive green, fine grained, serpentinite.
603' End of hole

Logged By: J. Sharratt
August 1954.



CANADIAN JOHNS-MANVILLE CO. LTD.	
MATHISON MUNRO MINE ONTARIO	
SECTION - HOLE 3-15	
CLASSIFICATION	
DATE 2-10-52	
SCALE 1" = 20'	DATE 2-10-52
DRAWN F.J.A.	CHECKED
TRACED	DATE
APPROVED F.J.A.	DEPTH 52

[Handwritten signature]

Location: 52470 E; 11400S
Date Started: Oct 23, /58
Date Completed: Oct 28, /58
Total Depth: 704'

L 61779
Property: Southeast Garrison Group
Hole: G-28
Sheet No: 1

Bearing: South
Dip: - 0-45°
340' - 42°
695' - 43.5°

- 0 - 110' - overburden
- 0 - 46' - grey-blue clay
- 46' - 110' - coarse till with sand and boulders
- 118' - 379' - medium green, medium grained, highly serp'd. perid. containing coarse grained dunitic sections, magnetite average, slightly to moderately fractured; carbonate 5%.
- 110' - 118' - coarse grained dunitic section
- 118' - 122' - 4" mud - fault zone?
- 122' - 125' - coarse grained dunitic section
- 129' - 131' and 132' - 153' coarse grained dunitic section.
- 123' - 124' - slip at 25°
- 137' - slip at 30° - high magnetite
- 139' - 141' - strong slip zone at 20° - high magnetite with weak slip fibre
- 152' - 2" ground core
- 166' - 167' - highly fractured zone
- 161' - 207' - coarse grained dunitic section
- 173' - 175' - highly fractured zone
- 182' - 183' - 4" ground core - shear?
- 187' - 188' - strong slip zone - magnetite & weak slip fibre
- 198' - 2" ground core
- 201' - 204' - slip zone - series of slips at 60°
- 210' - 212' - slip or shear zone - ground core, weak slip fibre to 1/2"
- 212' - 215' - coarse grained section
- 221' - 223' and 225' - 238' - coarse grained section
- 222' - strong slip at 55°
- 226' - 228' - slip zone at 20° with magnetite and weak slip fibre to 3/4"
- 240' - 250' - coarse grained dunitic section
- 241' - 243' - slip zone - high magnetite with weak slip fibre
- 250' - 251' - broken core
- 257' 5" - 259' - highly altered section
- 258' 5" - 258' 8" - dike - porphyry?
- 278' 5" - 304' - highly altered coarse grained dunitic section
- 279' - 280' - shear zone - ground core - associated serp. fibre
- 288' - 296' - weak shear zone at 35°
- 302' - 304' - slip zone at 10° - core badly broken
- 309' - 313' - coarsely granular section with brucitic alteration and minor slip fibre - contains thread veins
- 315' - 321' - same as 309' - 313'
- 315' - 317' - series of slips at 35° - high in magnetite
- 319' - 320' - slips at 30°
- 324' 5" - 325' - coarsely granular section - also 328' - 330'
- 328' - slip at 5° with slip fibre to 1" - very weak
- 336' - 339' - coarse grained altered section - also 341' - 342'
- 341' 5" - slip at 45°
- 344' - 368' - highly altered, light to medium green dunitic section - 10-15% carbonate or brucite
- 349' - 349' 5" - core badly broken
- 351' - 359' 5" - strong shear zone - core broken and ground
- 373' - 379' - coarse grained medium green altered section - dunitic
- 368' - 373' - dense black, fine grained, massive serp'd. perid.
- 379' - 387' - dark green altered perid. - out by feldspar rich porphyry? dike
- 372' - 375' - core broken and ground - shear zone?
- 379' - 2" mud - fault zone?
- 380' 5" - 389' - core badly broken
- 387' - 562' - coarse grained, medium green, dunitic rock - high in thread veins - brucitic alteration - high magnetite content
- 388' - 389' - core ground - shear zone?
- 392' - 394' - strong slip zone at 20°

Hole G-28 (cont'd)

- 404' - slip at 55°
- 383' - 2" dike
- 384' - 385' - dike
- 386' - 387' - dike
- 421' - 422' - ground core - shear zone
- 446' - 448' - strong shear zone - fish scale at 30° - weak slip fibre and tremolite
- 449' - slip at 35°
- 462' - 463' - strong slip zone at 25°
- 465' - 466' - badly broken 2" mud - shear zone
- 469' - strong slip zone at 15°
- 471' - 472' - strong slip at 15°
- 473' - 477' - core badly broken - strong shear zone
- 490' - 491' - strong slip zone at 25°
- 493' - slip at 60°
- 503' - 507' - weak shear or slip zone at 20°
- 511' - 514' - strong slip zone - weak shear - 35°
- 519' - 521' - same as 511 - 514 - magnetite high
- 520' - 562' - coarsely granular dunitic section
- 528' - 530' - shear zone - core ground
- 532' - 535' - shear zone - core broken and ground; also 536 - 539 and 546 - 548.
- Weak slip fibre in shear zone
- From 562' - becoming finer grained, light green highly altered dunitic rock
- 563' - 568' - moderate shear zone 35° - magnetite high.
- 572' - 573' - strong slip at 10°
- 574' - 3" ground core - shear zone?
- 575' - 576' - mud - fault zone?
- From 579' - medium grained, moderately fractured dunitic rock - light green - high in magnetite; 5 - 10% carbonate - minor scattered thread veins through
- 580' - 581' - slip zone at 15°
- 595' - 600' - moderate slip zone at 20°
- 609' - 610' - slip zone at 20°
- 615' - 616' - shear zone at 40° - moderate
- 620' - 621' - slip zone at 15°
- 631' - 632' - slip zone at 20°
- 633' - 634' - brecciated zone - dike alteration?
- 634 - 647' - highly fractured section
- 640' - 641' and 642'5" - 643'5" - grey-white brecciated acid dike
- 650' - carbonate veining increasing
- 663' - 664' - highly fractured zone
- 664' - carb content in rock increases to 15 - 20%
- 682' - carb increases to 20 - 25%
- 683' - 696' - strong shear zone - ground core - serpentine sand
- 696' - 704' - grey-green volcanic rock - moderately sheared; 5% carbonate - basalt?
- 704' - END OF HOLE.

Note that dunitic sections contain 10 - 20% carbonate and brucitic alteration.
 Note also that cross fibre is average strength, slightly harsh to semi-silky while slip fibre is tremolitic and extremely weak.

Logged by: F. J. Eveleigh.

DRILL LOG

LOCATION:

DATE STARTED:

DATE COMPLETED:

TOTAL DEPTH:

PROPERTY: Southeast Garrison Group

HOLE NO: G - 29

SHEET NO: 3

ELEVATION of COLLAR:

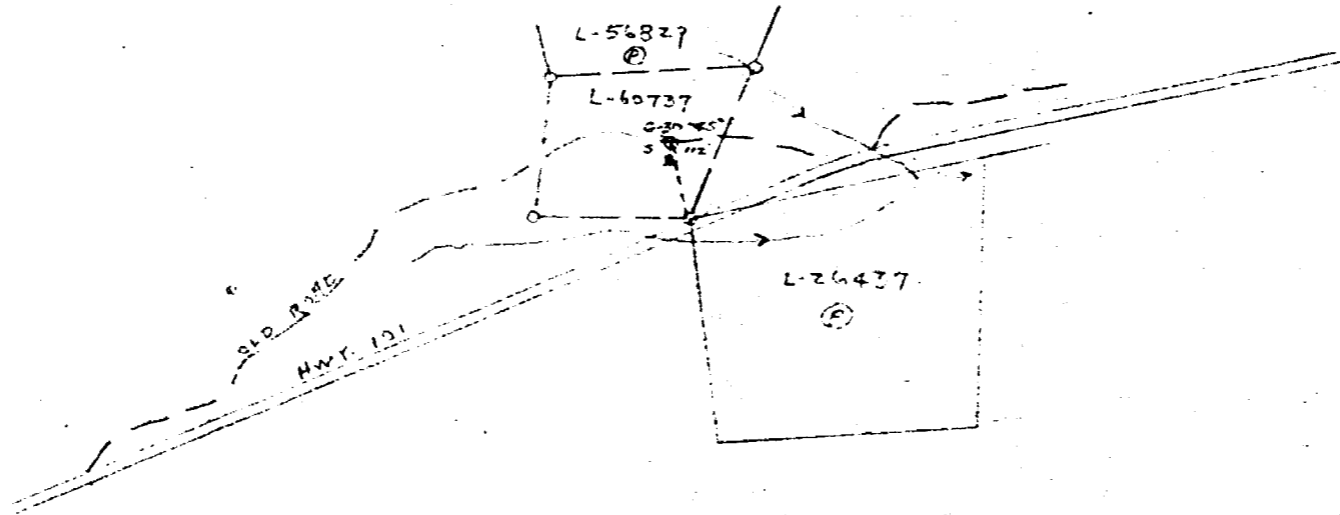
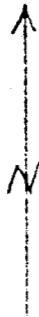
ELEVATION of BOTTOM:

BEARING:

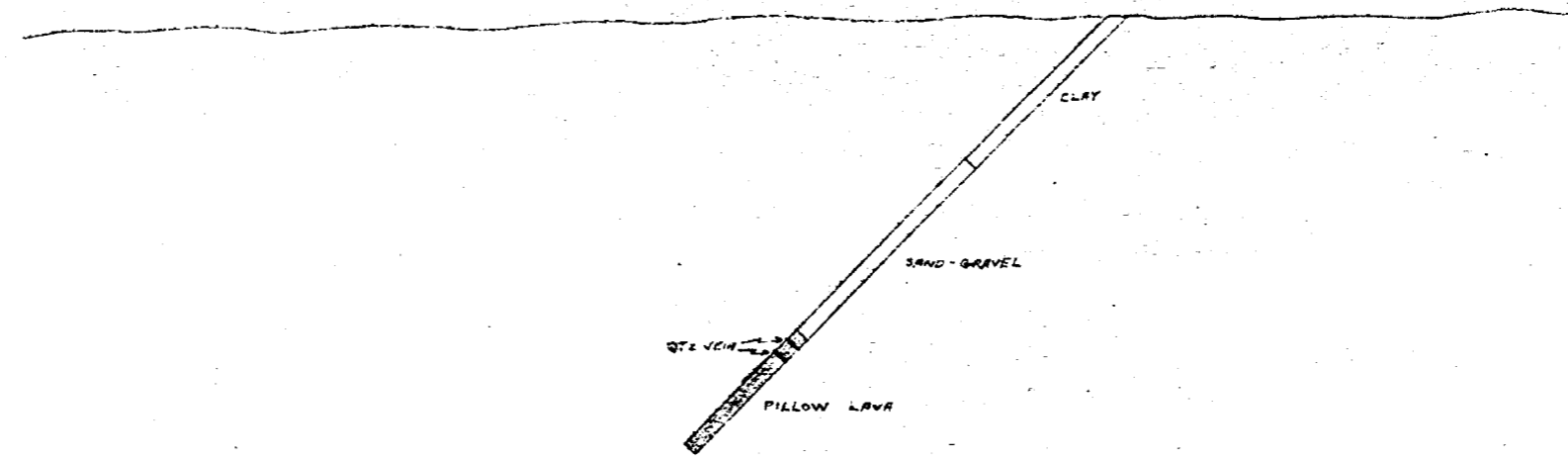
DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS														% SL. F.	% Mass F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)	
				1/2	1/4	3/8	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192									
563' - slip at 35°																										
571' - strong slip zone at 70°																										
576' - slip at 75°																										
579' - 580' - weak shear with weak slip fibre at 50°																										
582' - slip with 1/4" weak slip fibre at 65°																										
583' - 590' - highly fractured and moderately sheared zone - tremolitic slip fibre throughout																										
584' - 4" acid dike																										
602' - strong slip at 25°																										
603' - 604' - core broken																										
614' - 626' - strong shear zone with weak slip fibre throughout	608 - 618	9.5	M		6	1															45	H	HF	Lenticular		
626' - 637' - acid dike with disseminated pyrite at 20°																										
637' - 640' - moderate to strong shear zone																										
642' - 2" ground core																										
653' - slip at 15° with weak slip fibre																										
661'5" - 662'5" - strong slip at 15° with weak slip fibre	658 - 668	9.8	L		4	1															20	Av	HF	Lenticular		
665' - 666' - acid dike																										
666' - 668' - moderate shear zone																										
673' - slip at 30°																										
675' - 685' - core broken - blocky ground																										
685' - END OF HOLE.																										

3-1-23



CANADIAN JOHNS-MANVILLE CO. LTD.	
MATHeson MINING MINE SOUTHERN	
DIAMOND DRILLING PLAN	
HOLE G-30	
PLAN L-60737	DATE 24/11/58
SCALE: 1"=1000'	
DRAWN F.J.E.	DEPTH
TESTED	160'
APPROVED F.J.E.	



CANADIAN JOHNS-MANVILLE CO. LTD.
 MATHeson MINE MINE ONTARIO
 SECTION HOLE G-30
 (LOOKING WEST)
 MATHeson ST. GARRISON TWP
 BORE-5 DIP-45°
 SCALE: 1"=50' DATE: 24/1/58
 DRAWN BY: F.J.E. 1317M 54
 CHECKED BY: F.J.E. 1317M 54
 DEPTH 160

GARRISON Twp

Locatic 417'N of centre of Hy. 101
on old Garrison Road.

Elevation of Collar: Surface

Date Started: November 5th, 1958

Bearing - South

Date Compl'd: November 6th, 1958

KALTWASSER GROUP

Total Depth: 160'

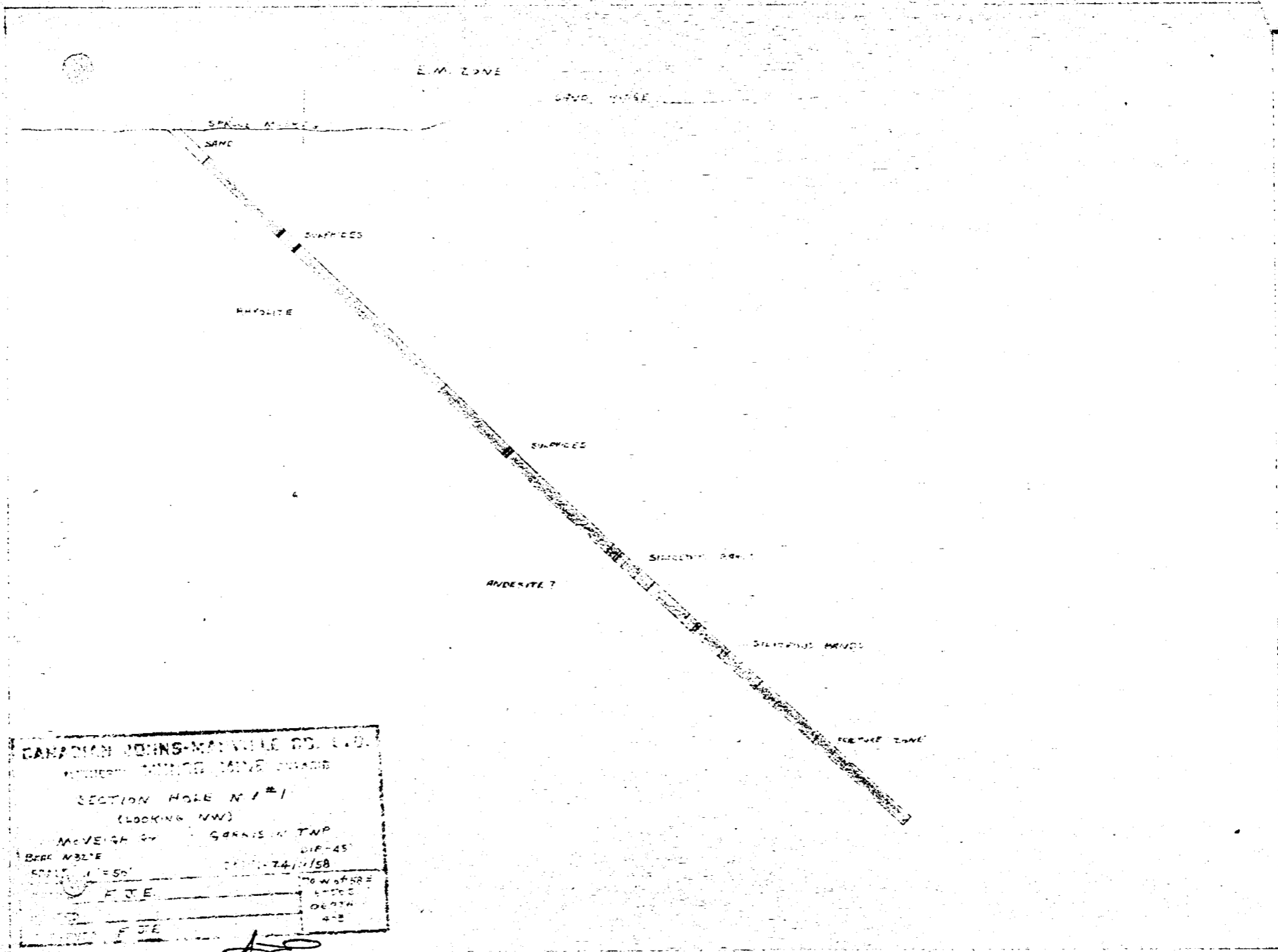
Hole No. G-30

Dip: 0 - 45°; 150' - 45°

Sheet No. 1

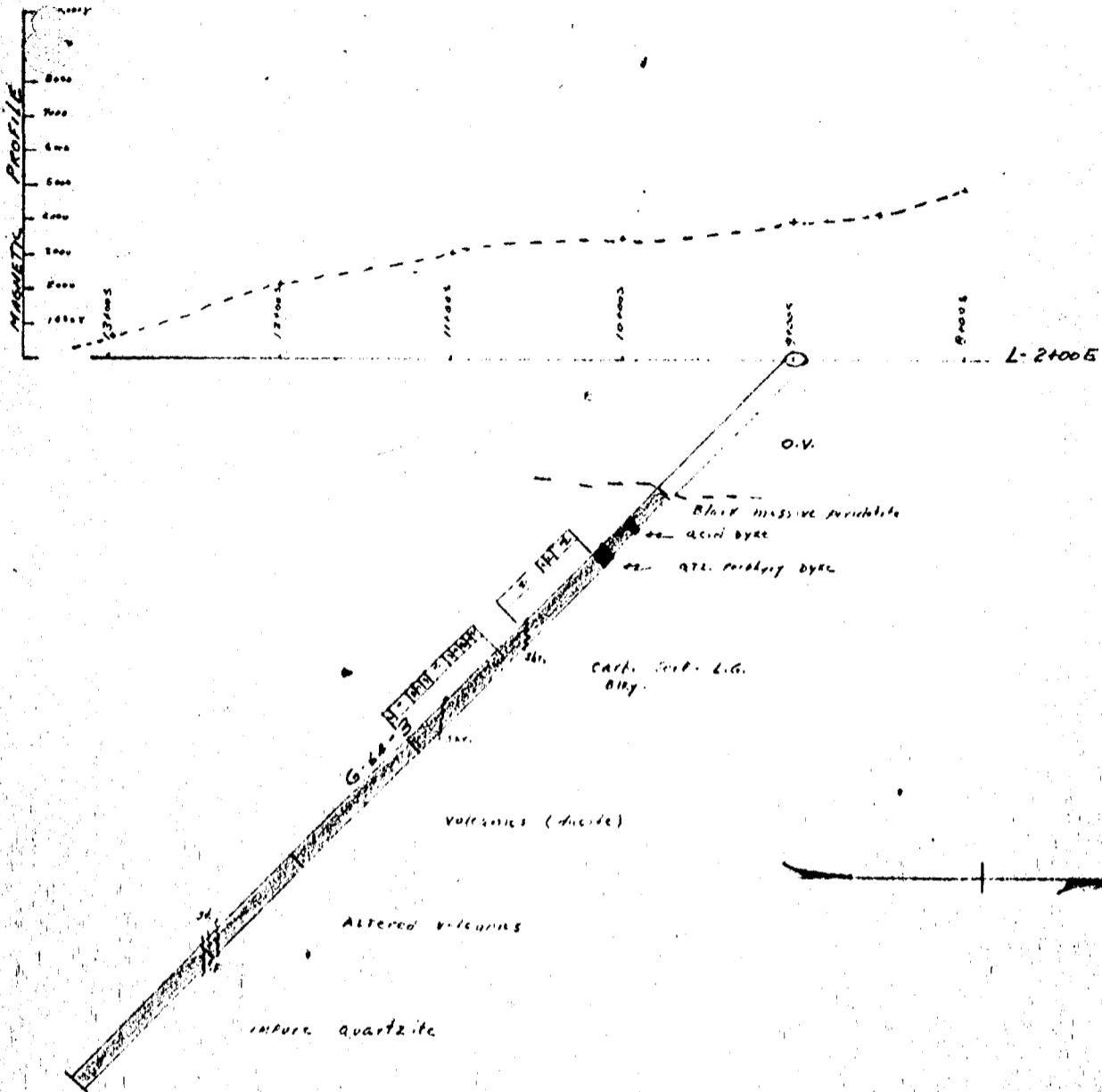
0'	-	118'	- overburden
0'	-	55'	- clay
55'	-	118'	- sand and gravel
118'	-	160'	- fine grained, light grey green andesitic volcanic, disseminated pyrite mineralisation throughout; pillow hooks noted throughout
119'	-	121'3"	- blocky ground - core broken
121'3"	-	121'7"	- glassy white quartz vein containing disseminated pyrite mineralisation
151'	-	160'	- core badly broken - blocky ground
126'	-		- 2" white quartz vein - containing disseminated pyrite mineralisation
160'	-		- END OF HOLE.

Logged by: F. J. Eveleigh.



CANADIAN JOHNS-MANVILLE CO. LTD.
 NORTHERN MINING DIVISION
 SECTION HOLE N 1 #1
 (LOOKING NW)
 McVEIGH ST. GRANBY TWP.
 DIST. N 32° E DIP 45°
 SCALE 1" = 50' DATE 7-4-1958
 F.O.E.
 F.O.E.
 F.O.E.

AS



G-64-3

LOCATION :- Section 2400E, -9100'S
 BEARING :- South
 DIP :- -45°
 DEPTH :- 593' ft.
 CLAIM :- L-54645
 GARRISON TWP.

CANADIAN JOHNS-MANVILLE CO. LTD		
MATHESON MUNRO MINE ONTARIO		
DIAMOND DRILL SECTION		
HOLE G-64-3		
GARRISON TWP.		
SCALE 1" = 100'	DATE DEC. 21/44	
DRAWN	PER	GARRISON
TRACED		EXTENSION
APPROVED	F.L.C.	NOV. 10/43

DRILL LOG

LOCATION: Line 43⁰⁰ West at 2⁵⁰' South of B/L
 DATE STARTED: Jan 6th/65 PROPERTY: Northeast Group - Garrison-Rand Townships
 DATE COMPLETED: Feb 10th/65 HOLE NO: G - 64 - 4
 TOTAL DEPTH: 1,005' SHEET NO: 1

ELEVATION OF COLLAR: Surface
 ELEVATION OF BOTTOM:
 BEARING: North
 DIP: -45°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL. F.	% MASS F.	% TOTAL F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				37	18	8	18	2	18	8	18	2	18	8	18								
0 - 56 - overburden																							
56' - 105' - fine to medium grained gabbro, few narrow carbonate fractures.																							
105' - 120' - coarse grained gabbro, minor dissemination pyrrhotite mineralization.																							
120' - 209' - fine to medium grained gabbro with increase of pyroxene.																							
209' - 244' - altered pyroxenite ? with carbonate veining and serpentine injections.																							
244' - 289' - dark green to black, coarse grained pyroxene-rich peridotite, massive; contact at 90° to core.																							
289' - 311' - dark green to black, medium grained serpentized peridotite. Blocky; minor picrolite and white carbonate on slip planes.																							
311' - 326' - light grey, massive diabase dike.																							
326' - 412' - dark green to black, fine grained, blocky serpentized peridotite. At 326' - 330' picrolite - carbonate veining at 45° - 60° to core.																							
375' - 380' moderately sheared; also at 391' - 400'.																							
411' 6" - 412' mud seam - fault ?																							
412' - 475' - dark green, medium grained serpentized peridotite; magnetite content moderate to high; scattered thread veins of chrysotile. Picrolite and blue carbonate on slip planes.																							
425' - 450' - highly sheared, fish scale at 45° to core; lost core at 450' - 452', 457' - 459', 462' - 463' and 471' - 473'.																							
475' - 500' - light green, medium to coarse grained serpentized peridotite (dunitic - olivine rich). Minor thread fibre veins at 45° to core.																							
500' - 510' - dark green, massive, dunitic section.																							
510' - 630' - light green dunitic serpentized peridotite as from 475' - 500', thread fibre veins throughout at 30° to core.																							
lost core at 512' - 514'; 518' - 519'; 612' - 614'; 616' - 620'; 624' - 627'.																							
596' - 630' strong crushed shear zone; highly talcose; sheared at 45° to core.																							
630' - 635' - dark green, massive, dunitic section.																							
631' - 631' 6" - 6" ribbon zone of 1/16 fibres at 30° to core.																							
635' - 653' - medium to dark green, fine to medium grained, dunitic, moderately to highly serpentized peridotite. Abundant tiny thread fibre veins. Moderate brucite and picrolite alteration on slip planes.																							

Garrison 10

DRILL LOG

LOCATION:
 DATE STARTED:
 DATE COMPLETED:
 TOTAL DEPTH:

PROPERTY: **Northeast Group - Garrison-Rand Townships**
 HOLE NO: **0 - 64 - 4**
 SHEET NO: **2**

ELEVATION OF COLLAR:
 ELEVATION OF BOTTOM:
 BEARING:
 DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	Th. V.	FIBRE VEINS												% SL. F.	% Mass F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/2"	3"								
653' - 668' - dark green, fine grained, highly altered serpentized peridotite. Minor thread fibre veins and slip fibre.																							
668' - 709' - same as above but lighter in colour and contains abundant thread fibre veins.																							
709' - 732' - serpentinite, same as 653' - 668' run; moderate thread fibre veins.																							
732' - minor fault zone ?																							
732' - 773' - same as above but with minor thread veins.																							
773' - 1005' - same as above but with thread fibre veins minor and widely scattered.																							
825' - 850' highly sheared and contorted section - possible fault zone.																							
From 850' - magnetite is common in scattered narrow veins.																							
937'5" - 939' - high content thread fibre veins.																							
1005' - END OF HOLE.																							
Logged by: R. Date, R. F. Kaltwasser, and F. J. Eveleigh.																							
<i>Handwritten signature</i>																							
Garrison 10																							

MAG. PROFILE
1" = 6000'

2125

SURFACE

L48140W

0.00

Grass

Pyroxenite

P.L.P.

SEEP PERLITE
Dune-like

SEEP PERLITE

SEEP PERLITE
with minor talc

SEEP PERLITE - affluents
Dune-like

Dunite SEEP PERLITE
mod. talc

Dunite Sect.
SEEP PERLITE - abundant talc
SEEP PERLITE - minor talc
SEEP PERLITE - abundant talc

SEEP PERLITE
minor talc

Substratum
minor talc, w/ heavy staining

N. 20° W

CANADIAN JOHNS-MANVILLE CO. LTD.
MATHESON MINRO MINE (ONTARIO)
DIAMOND DRILL SECTION
HOLE G-64-4
Garrison Twp. - 48100W; 2125S; -49° North.
SCALE: 1" = 100' DATE: FEB. 63

DRILLER'S DATA	
TRACER	
APPROVER	

Z. J. [Signature]

DRILL LOG

LOCATION: Line 50°00 West at 14°75' South of B/L

DATE STARTED: Feb 11th/65

DATE COMPLETED: Feb 25th/65

TOTAL DEPTH: 514'

PROPERTY: Northeast Group - Garrison - Rand Townships

HOLE NO: G - 64 - 5

SHEET NO: 1

ELEVATION OF COLLAR: Surface

ELEVATION OF BOTTOM:

BEARING: North

DIP: 45°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL. F.	% MASS F.	% TOTAL F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{64}$	$\frac{1}{128}$	$\frac{1}{256}$	$\frac{1}{512}$	$\frac{1}{1024}$	$\frac{1}{2048}$	$\frac{1}{4096}$								
0 - 121' - overburden																							
121' - 147' 15" - highly altered, dull pasty green, serpentinized peridotite, chloritized and talcose; moderate amounts of quartz-carbonate filling fractures.																							
Lost core at 123' - 125', 126' - 127', 129' - 130' and 135' - 138".																							
147' 15" - 194' - grey-green, fine to medium grained carbonated peridotite; rusty carbonate fills fractures in rock which has a soapy (talcose) feel.																							
175' - 194' rock is considerably harder and contains less rusty carbonate alteration.																							
194' - 514' - dark green, medium grained, moderately serpentinized peridotite. Abundant small veinlets and stringers of serpentine, and talc-carbonate. Scattered tiny, thread fibre veins occur throughout this section. Occasional short section of lost core.																							
From 250' - less serpentine and carbonate veining and slight increase in number of thread fibre veins. Also increase in magnetite content. At 3/8' 6" - 1" vein of magnetite with associated 3/16th" of an inch fibre vein.																							
514' - hole abandoned due to caving in upper portion.																							
514' - END OF HOLE.																							
Logged by: <u>R. Date and F. J. Evesleigh.</u>																							
<i>[Handwritten Signature]</i>																							
Garrison 10																							

NAG. PROFILE
1" = 6000' g.

L 57100W

QVIB.

S&EP. PEBB.

CARB. PEBB.

less carb.

S&EP. PEBB.
- color 4.5/5

less carb. & slight increase in carb.

514'

CANADIAN JOHN-MANVILLE CO. LTD.
MATHESON MINE ONTARIO
DIAMOND DRILL SECTION
Hole G-64-5
Gen. Top. - 50100W; 1475'S; -45° North
SCALE 1" = 100'
DATA: FEB. 66
DRAWN: [Signature]
TRACED:
APPROVED:

[Signature]

DRILL LOG

LOCATION: Line 10⁰⁰ West on the 8/L

DATE STARTED: Dec 17th/65

DATE COMPLETED: Jan 6th/66

TOTAL DEPTH: 577'

PROPERTY: Garrison Creek Group - Garrison Township

HOLE NO: G - 65 - 1-A

SHEET NO: 1

ELEVATION OF COLLAR: Surface

ELEVATION OF BOTTOM:

BEARING:

DIP: -90°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS											% SL. F.	% MASS F.	% TOTAL F.	Vain Ang	% MAC	% PYR	Rock S	REMARKS (VEIN TYPE)	
				1/32"	1/16"	1/8"	1/4"	1/2"	3/8"	1/2"	3/4"	1"	1 1/2"	2"									3"
0 - 90' - casing.																							
90' - 183'6" actinolized volcanics. Light gray-green; very coarse actinolite; pyrite occurs in scattered specks and in tiny stringers.																							
183'6" - 201'6" - feldspar porphyry; medium grey colour; abundant white feldspar phenocrysts up to 1/10".																							
201'6" - 215'5" - actinolized volcanics as before, but from 211'2" the actinolization becomes very fine grained and the rock has patches of light carbonatization.																							
215'5" - 273'6" - feldspar porphyry - as above.																							
273'6" - 378'5" - intermediate volcanics, fine grained, light to medium green with tiny remnants of dark pyroxene; frequent bands of white calcite; 1% - 5% mineralized with pyrrhotite, minor pyrite and trace of chalcocopyrite. Random 3' samples taken.																							
At 308'8" very tight fault, with about 1" displacement. From 308'8" the rock is moderate to strongly fractured and filled with abundant quartz-carbonate, minor serpentine and trap-like material. The last 1.0' of core is quartz-carbonate.																							
378'5" - 391' - light to medium green with fragments of trap-like material, also quartz and calcite fractures. Barren. Rock slightly carbonated.																							
391' - 446' - intermediate volcanics. Light grey, fine grained, compact, narrow calcite and quartz fractures, with tuffaceous sections.																							
446' - 451' quartz and calcite veining. No sulphides.																							
446' - 472' - actinolized volcanics, massive, minor disseminated pyrite and trace of chalcocopyrite. Rock massive, slightly carbonated (1" calcite vein at 471', dip 60° down core).																							
472' - 522' - andesite with quartz and calcite fractures, finely disseminated pyrrhotite and trace of chalcocopyrite along walls of fractures. Fractures dip from 10°-90° across core. Pyrite on slip planes. 520' - 521' quartz veining with chloritic brecciated fragments. Fault?																							
522' - 540' - altered grey-green andesites. Broken and cemented with trap-like material. Increase of quartz and calcite veining. Fine minor disseminated pyrite and pyrrhotite. Highly altered and silicious from																							
537' - 545'. 1% pyrite, disseminated pyrrhotite and trace of chalcocopyrite.																							
540' - 541' - carbonaceous zone with pyrite and quartz.																							
541' - 547' intermediate volcanics. Light green. Disseminated fine pyrrhotite - pyrite - chalcocopyrite threaded throughout rock. Silicious zone.																							
547' - 552' - carbonaceous zone. Highly silicious sections with 2% pyrite and disseminated pyrrhotite.																							
552' - 554' - intermediate silicified volcanics. 2% pyrite, pyrrhotite, minor chalcocopyrite.																							
554' - 555' - carbonaceous zone with pyrite.																							
555' - 567' - intermediate volcanics. Silicious, disseminated pyrite, pyrrhotite and minor chalcocopyrite. Quartz and calcite veining with pyrite.																							

Garrison 10

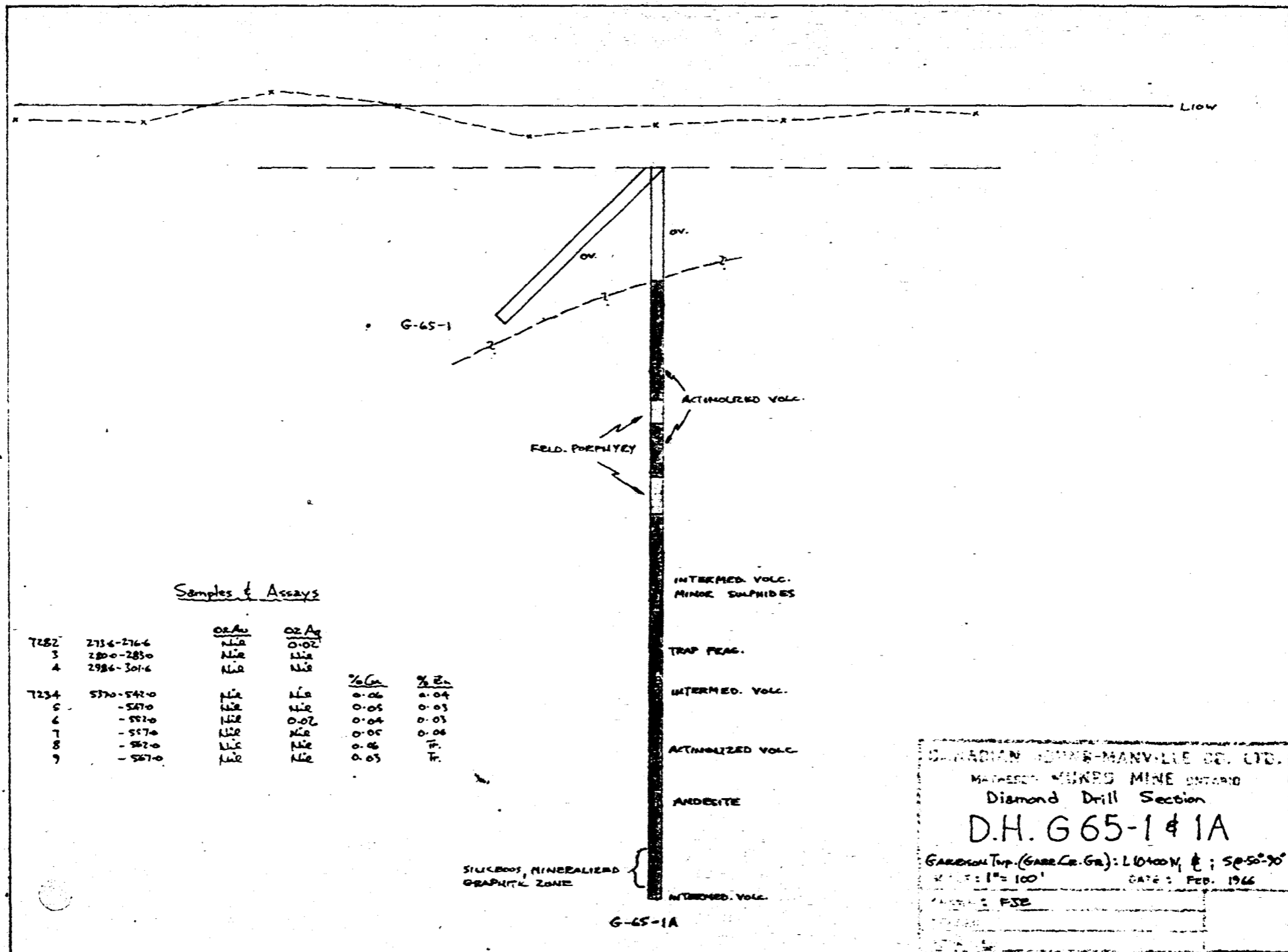
DRILL LOG

LOCATION:
DATE STARTED:
DATE COMPLETED:
TOTAL DEPTH:

PROPERTY: Garrison Creek Group - Garrison Township
HOLE NO: G - 65 - 1-A
SHEET NO: 2

ELEVATION OF COLLAR:
ELEVATION OF BOTTOM:
BEARING:
DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% Sl. F.	% Mass F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096								
567' - 577' - light green, intermediate flow lavas, with narrow fractures of quartz and calcite veining. Minor disseminated pyrrhotite with trace of chalcocopyrite. Occurs along slip faces. 2" displacement at 573', dip at 70° down core. Pyrrhotite and chalcocopyrite on slip at 576'.																							
577' - END OF HOLE.																							
Logged by: E. Date and R. F. Kaltwasser.																							
Assays																							
				Oz. Au	Oz. Ag																		
# 7282	- 273'6"	- 276'6"		NIL	0.02																		
# 7283	- 280'	- 283'		NIL	NIL																		
# 7284	- 295'6"	- 301'6"		NIL	NIL																		
# 7334	- 537'	- 542'		NIL	NIL	% Cu														% Zn			
# 7335	- 542'	- 547'		NIL	NIL	.04														.02			
# 7336	- 547'	- 552'		NIL	.02	.04														.03			
# 7337	- 552'	- 557'		NIL	NIL	.05														.06			
# 7338	- 557'	- 562'		NIL	NIL	.06														Trace			
# 7339	- 562'	- 567'		NIL	NIL	.03														Trace			
<i>[Handwritten Signature]</i>																							
Garrison W																							

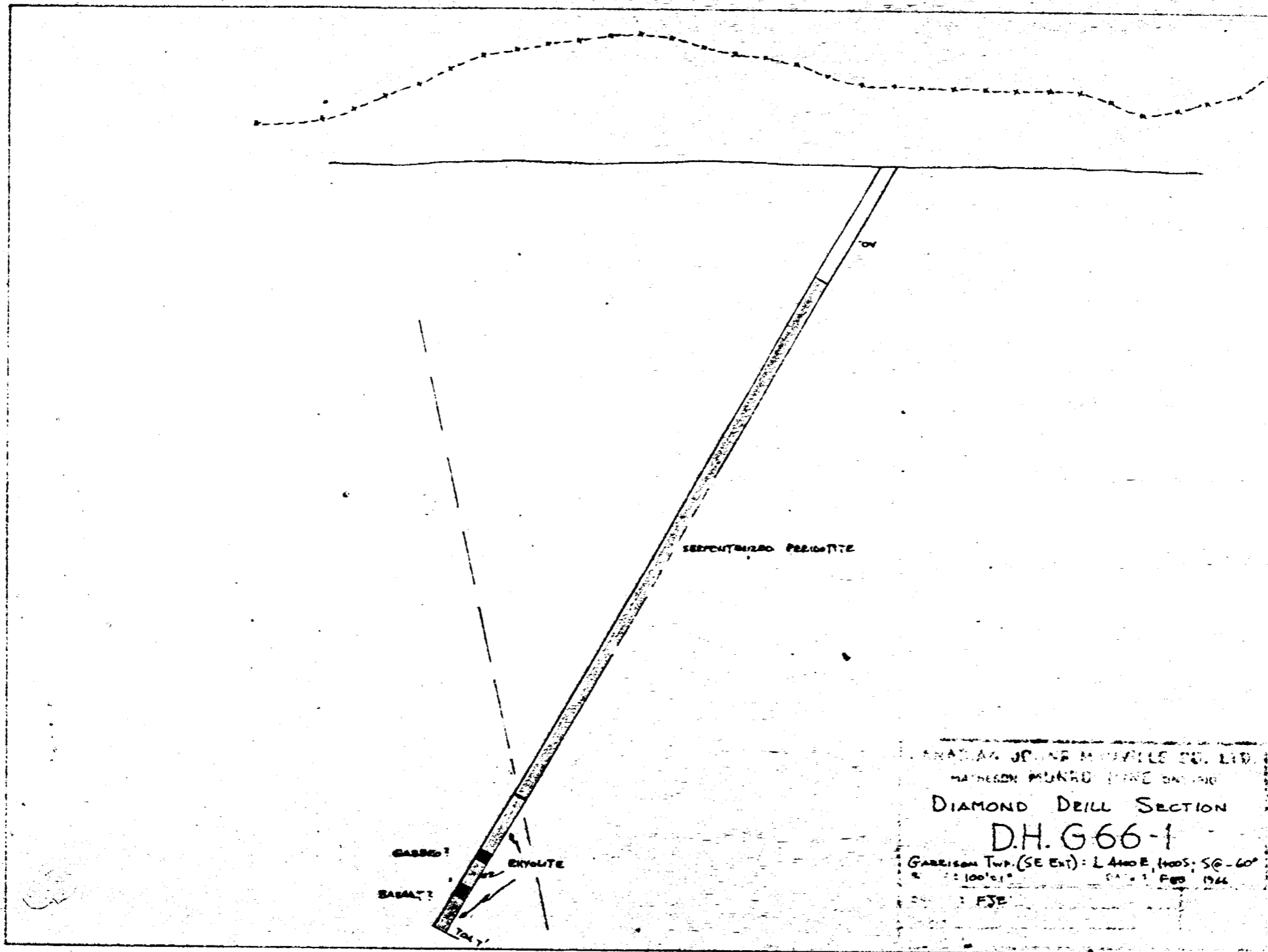


Samples & Assays

		oz Au	oz Ag	% Cu	% Zn
7282	2736-2766	N/A	0.02		
3	2800-2830	N/A	N/A		
4	2986-3016	N/A	N/A		
7234	5370-5420	N/A	N/A	0.06	0.04
5	-5470	N/A	N/A	0.05	0.03
6	-5570	N/A	0.02	0.04	0.03
7	-5570	N/A	N/A	0.05	0.06
8	-5670	N/A	N/A	0.06	0.07
9	-5670	N/A	N/A	0.05	0.07

CANADIAN NIPING-MANVILLE CO. LTD.
 MATHEON MINES MINE ONTARIO
 Diamond Drill Section
D.H. G65-1 & 1A
 GARDON Twp. (GARR. Co. Gr.): L10400N, E; S050°30'
 SCALE: 1" = 100' DATE: FEB. 1966
 DRAWN BY: FSE

Handwritten signature



DRILL LOG

LOCATION: Line 45+00 East; 15+00'N of Base Line

DATE STARTED: Jan 26th/66

DATE COMPLETED: Feb 2nd/66

TOTAL DEPTH: 202'

PROPERTY: Main Extension Group - Garrison Township

HOLE NO: G - 66 - 2

SHEET NO: 1

ELEVATION OF COLLAR: Surface

ELEVATION OF BOTTOM:

BEARING: South

DIP: -60°

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL F.	% Mass F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/32"	1/16"	1/8"	1/4"	1/2"	3/8"	1/2"	3/4"	1"	1 1/2"	2"	3"								
0 - 200' - mainly fine sand with widely scattered narrow gravel beds. Only one boulder was intersected during the piping and this was near the bottom of the drill hole.																							
200' - 202' - identified as intermediate volcanics from rock chips and fragments examined.																							
202' - hole abandoned due to breaking of rods.																							
Logged by: R. F. Kaltwasser																							
<i>R. F. Kaltwasser</i>																							
Garrison 10																							

DRILL LOG

LOCATION: Line 45°00' East; 14°54' N of Base Line

DATE STARTED: Feb 3rd/66

DATE COMPLETED: Feb 22nd/66

TOTAL DEPTH: 802'5"

PROPERTY: Main Extension Group - Garrison Township

HOLE NO: G - 66 - 3

SHEET NO: 1

ELEVATION OF COLLAR: Surface

ELEVATION OF BOTTOM:

BEARING: South

DIP: -70° at surface;
-69° at 800'

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL. F.	% MASS. F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/16"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"								
0 - 195' - casing																							
195' - 353'6" - volcanics; intermediate to basic; moderately fractured and filled with quartz-carbonate; medium gray-green; fine grained aphanitic; minor pyrite and pyrrhotite in some small fractures; minor inclusions of light coloured acidic volcanics.																							
271'8" - 272'8" - rhyolite (inclusion) showing flow-lines																							
277' - 283'5" - feldspar porphyry; closely packed crystals 1/10 - 3/10" in size, in medium green matrix.																							
289' - 291' - rhyolite (inclusion) as above																							
306'8" - 308'4" - rhyolite (inclusion)																							
351'8" - 353' feldspar porphyry (described below).																							
353'6" - 370'1" feldspar porphyry; fine grained matrix with abundant crystals up to 3/10" in size; contains small scattered apparently inclusions of the above volcanics.																							
370'1" - 379'8" - feldspar porphyry; considerably less feldspars than above, and the matrix is changed by being lighter-coloured and apparently calcitic.																							
373'3" - 374'3" shear zone; dark grey, fine grained rock with tiny streaks of calcite and showing signs of strong fracturing; 1 - 2% pyrite in specks and tiny streaks; sharp contacts at 30°; small cluster of white feldspars at bottom end.																							
379'8" - 450'7" - feldspar - pyroxene porphyry - fine to medium grained; darker than above both porphyrys; and has feldspar content between the contents of these; distinct crystals of dark green pyroxene give the dark colour; matrix is white-grey quartz; 2% pyrite in scattered grains, trace of pyrrhotite and chalcopyrite in calcite veins;																							
382' - 390'1" fracture or shear zone consisting of inclusions of pale brown-grey rhyolite and fragments of the porphyry, with small veins and stringers of white calcite.																							
392'7" - 394'1" - fracture or shear zone as above, but with considerably more pyrite.																							
450'7" - 713'7" - volcanics; generally medium green colour and aphanitic; intermediate-basic rock; abundant small veins, stringers and streaks of white calcite; moderate to minor amount of pyrrhotite in specks and blebs; trace of chalcopyrite; minor pyrite.																							
506'3" - 511'9" rhyolitic section with minor pyrite & pyrrhotite, trace of chalcopyrite.																							
563'4" - 564'4" pegmatite dike, consisting of white quartz and pale pink orthoclase.																							
From 593' there are short sections of slightly granular volcanic rock; same colour and composition.																							
628'7" - 652'1" - feldspar porphyry, similar to the porphyry at top of hole; pyrite scattered throughout.																							
685'8" - 689'6" quartz-carbonate section with (brecciated) inclusions of the host volcanic and of rhyolite.																							
713'7" - 768'7" - rhyolite; pale brown grey aphanitic hard rock with abundant quartz carbonate stringers; moderately fractured.																							
715'9" - 719'6" quartz-carbonate section with inclusions of rhyolite.																							
727'3" - 750'9" rhyolite porphyry; light grey rock with abundant crystals of feldspar & quartz;																							

GARRISON 10

DRILL LOG

LOCATION:

DATE STARTED:

DATE COMPLETED:

TOTAL DEPTH:

PROPERTY: Main Extension Group - Garrison Township

HOLE NO: G - 66 - 3

SHEET NO: 2

ELEVATION OF COLLAR:

ELEVATION OF BOTTOM:

BEARING:

DIP:

GEOLOGICAL DESCRIPTION	FOOTAGE	REC.	TH. V.	FIBRE VEINS												% SL. F.	% Mass F.	% Total F.	Vein Ang	% MAG	% PYR	Rock S	REMARKS (VEIN TYPE)
				1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096								
<p>Section 727'3" - 750'9" (cont'd) - greenish tinge given by thread-sized filling of epidote-like material; moderately strongly fractured and filled with quartz-carbonate.</p> <p>From 757', the rhyolite exhibits flow banding at 45°.</p> <p>768'7" - 802'5" - volcanics; intermediate; the contact is gradational over 3'.</p> <p>785'8" - 795'5" - strongly fractured zone; quartz-carbonate filling is about 25% of rock.</p> <p>From 781'5" the rock appears to become acidic again.</p> <p>802'5" - END OF HOLE.</p>																							
<u>Assay Results:</u>																							
<u>Footage</u>																							
		<u>Os. Au</u>	<u>Cz. Ag.</u>																				
G-66-3-1	- 379.8 - 382.0	NIL	NIL																				
2	- 392.7 - 394.1	NIL	0.02																				
3	- 442.8 - 446.0	NIL	NIL																				
4	- 450.7 - 454.0	NIL	Trace																				
5	- 451.3 - 453.2	NIL	NIL																				
6	- 468.3 - 471.8	NIL	0.01																				
7	- 483.0 - 492.0	NIL	NIL																				
8	- 506.4 - 511.9	NIL	0.02																				
9	- 526.0 - 549.0	NIL	NIL																				
10	- 623.2 - 624.2	NIL	NIL																				
11	- 627.0 - 628.7	NIL	NIL																				
12	- 652.1 - 654.1	NIL	NIL																				
<p><i>[Handwritten Signature]</i></p>																							
<p>Garrison 10</p>																							

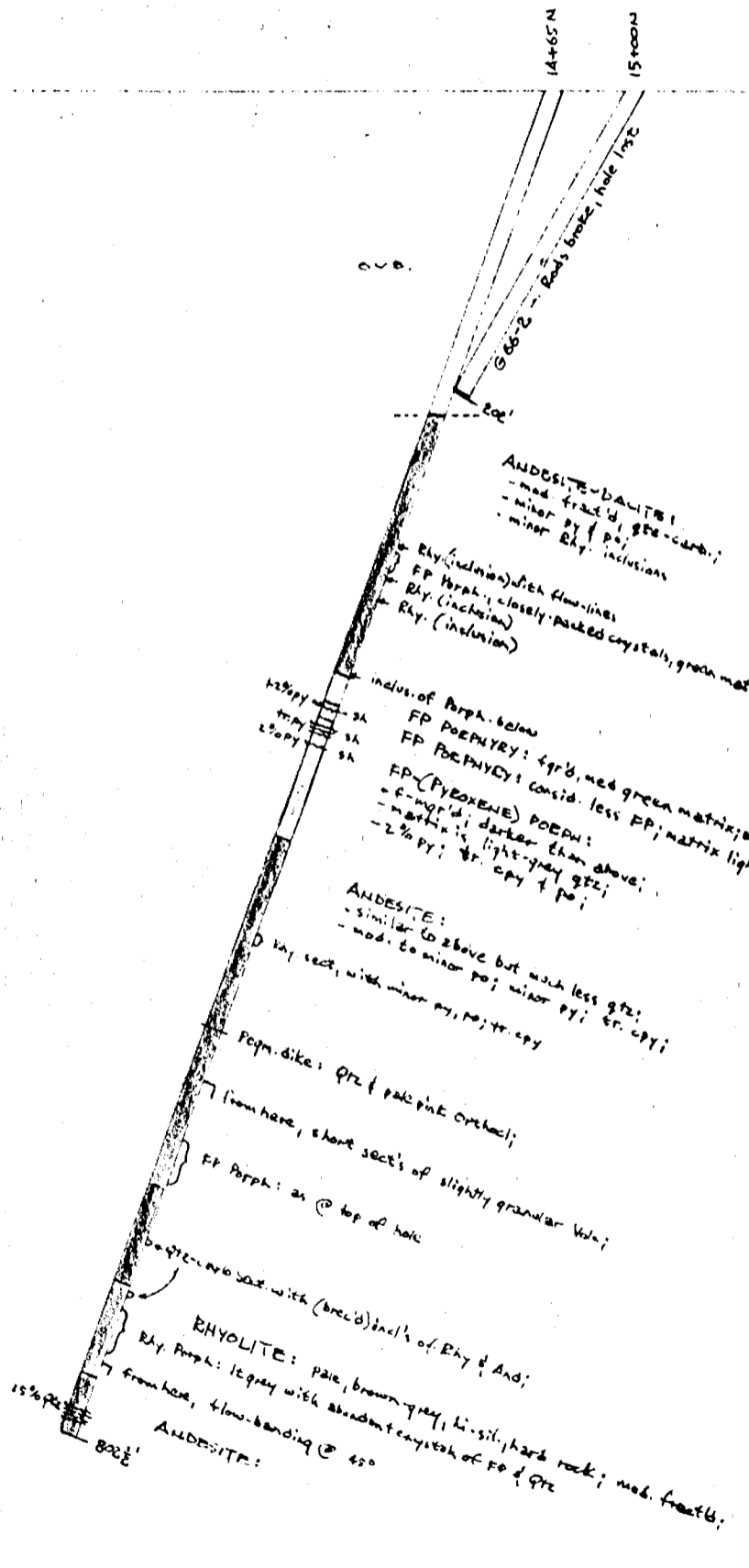
ELECTRO-MAGNETIC PROFILES:

L 45+00E

L 45+00E

Samples & Assays

	Footage	oz Au	oz Ag
G663-1	319.8 - 382.0	Nil	Nil
2	392.7 - 394.1	Nil	0.02
3	442.0 - 446.0	Nil	Nil
4	450.7 - 454.0	Nil	Tr
5	461.3 - 463.2	Nil	Nil
6	468.3 - 471.8	Nil	0.01
7	488.0 - 492.0	Nil	Nil
8	506.4 - 511.9	Nil	0.02
9	546.0 - 549.0	Nil	Nil
10	613.2 - 624.2	Nil	Nil
11	627.0 - 628.7	Nil	Nil
12	652.1 - 654.1	Nil	Nil

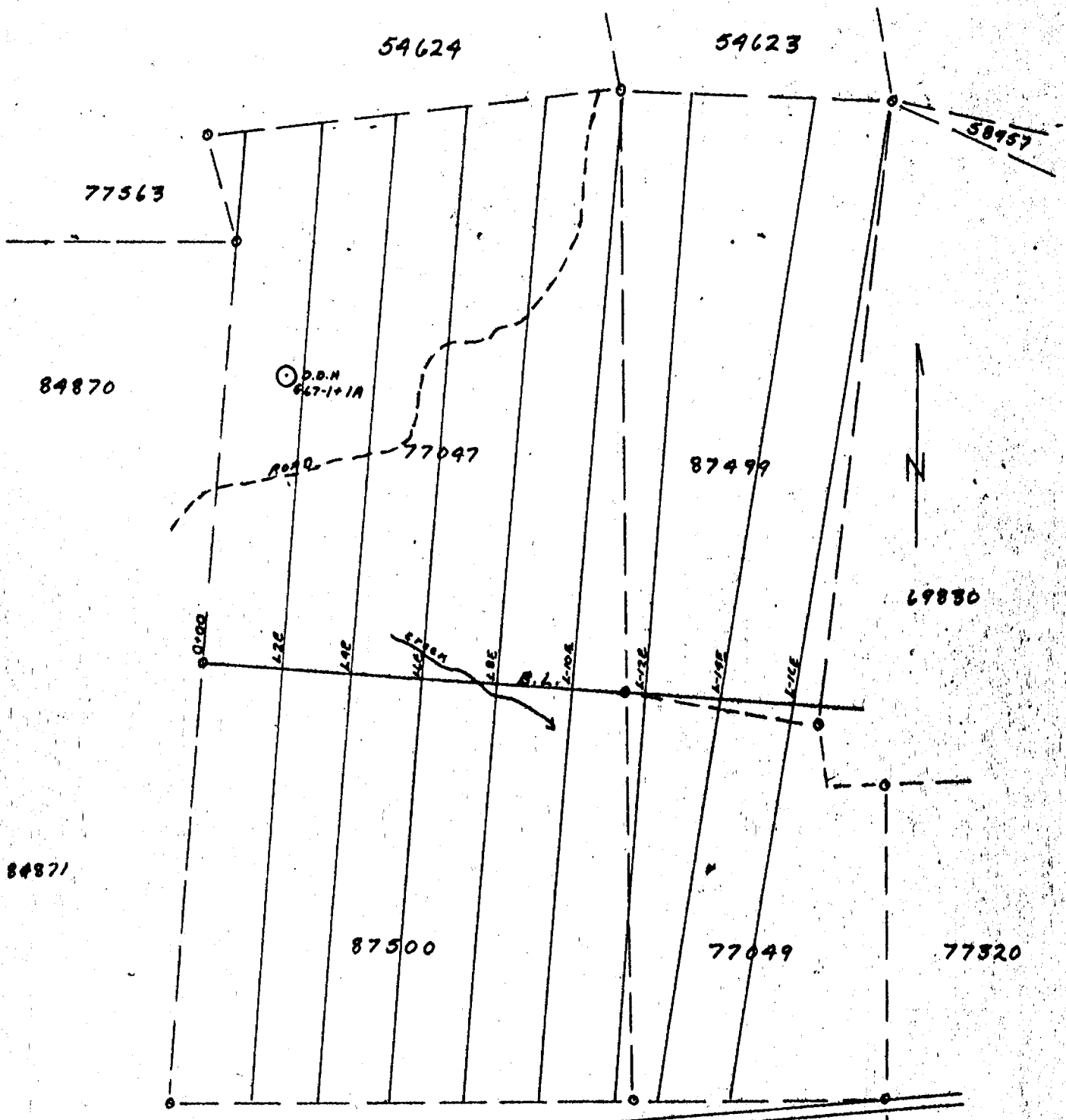


DETAILED GEOLOGICAL SECTION
DIAMOND DRILL HOLE NO G66-3
MAIN EXTENSION GROUP

1" = 100'
1 FEB 1966
: Data:

GARRISON
TWP.

[Handwritten signature]

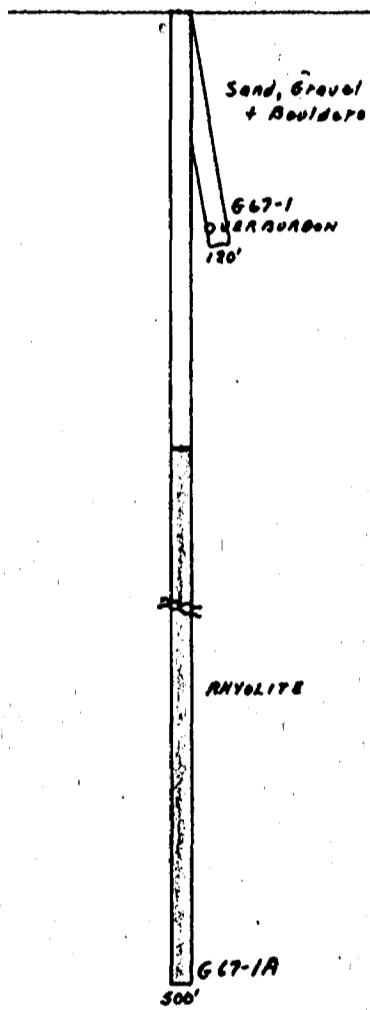


84871

HWY 101

CANADIAN JONNS-MANVILLE CO. LTD.	
MATHURON	ONTARIO
DIAMOND DRILL PLAN	
POTTER GROUP	
GARRISON TOWNSHIP	
SCALE 1"=400'	DATE OCT. 1967
DRAWN	
CHECKED M.S.	
APPROVED F.J.E.	

F. J. E.



CANADIAN JOHNS-MANVILLE CO. LTD.
 MATHESON ONTARIO
 GARRISON TWP.
 D.D.N. G-67-1+1A
 POTTER GROUP
 SCALE 1" = 100' DATE Oct. 1927
 DRAWN BY M.S.
 CHECKED BY
 SUPERVISOR F.S.B.

Handwritten signature

GARRISON TOWNSHIP - POTTER GROUP

Hole No. G - 67 - 1

Location: Picket Line 240CE at 8415'
north of the B/L and 0435'
West.

Elev. of Collar: Surface

Bearing: S20°E

Date Started: June 6th, 1967

Date Compl'd: June 23rd, 1967

Dip: -80°

Footage

Description

0 - 120

Sand and gravel with scattered thin boulder beds throughout.
This hole was abandoned at a depth of 120 feet due to breakage of the casing.

L. E. Ewell

GARRISON TOWNSHIP - POTTER GROUP

Location: Picket Line 2400E at
8415' North of the B/L
and 0435 feet west.

Hole No. G - 67 - 1A

Elev. of Collar: Surface

Date Started: June 26th, 1967

Dip: -90°

Date Compl'd: July 26th, 1967

Total Depth: 500'

Footage

Description

0 - 225'

Overburden

225' - 231'

Weathered, brown stained, highly fractured, highly carbonated rhyolite.

231' - 275'

Medium grey, very fine grained rhyolite, highly carbonated, finely sheared. All but the largest shears have been cemented by a quartz-calcite combination, and contain minor pyrite mineralization throughout, with heavy concentrations at the margins. Numerous calcite "eyes" up to 1/4" across give an almost porphyritic appearance to some short segments. Most of these "eyes" have a halo of very fine pyrite at their margins. Slight to moderate sericitization was noted on a few of the larger shears. The vast majority of the shears cut the long axis of the core at 45° or less.

275' - 500'

Medium grey, carbonated rhyolite continues as above; a large shear from 304' - 309' is cemented by calcite and is moderately sericitized at its margins. A great many of the shears in this section contain brecciated fragments of rhyolite included within the calcite-quartz cement. All have their long axes parallel to the major shear plane. Many shears in this section are crossed at 60° angles by secondary shears, and some are offset in two or three places by these secondary shears. No difference in lithology could be detected from 231' to the bottom of the hole.

500'

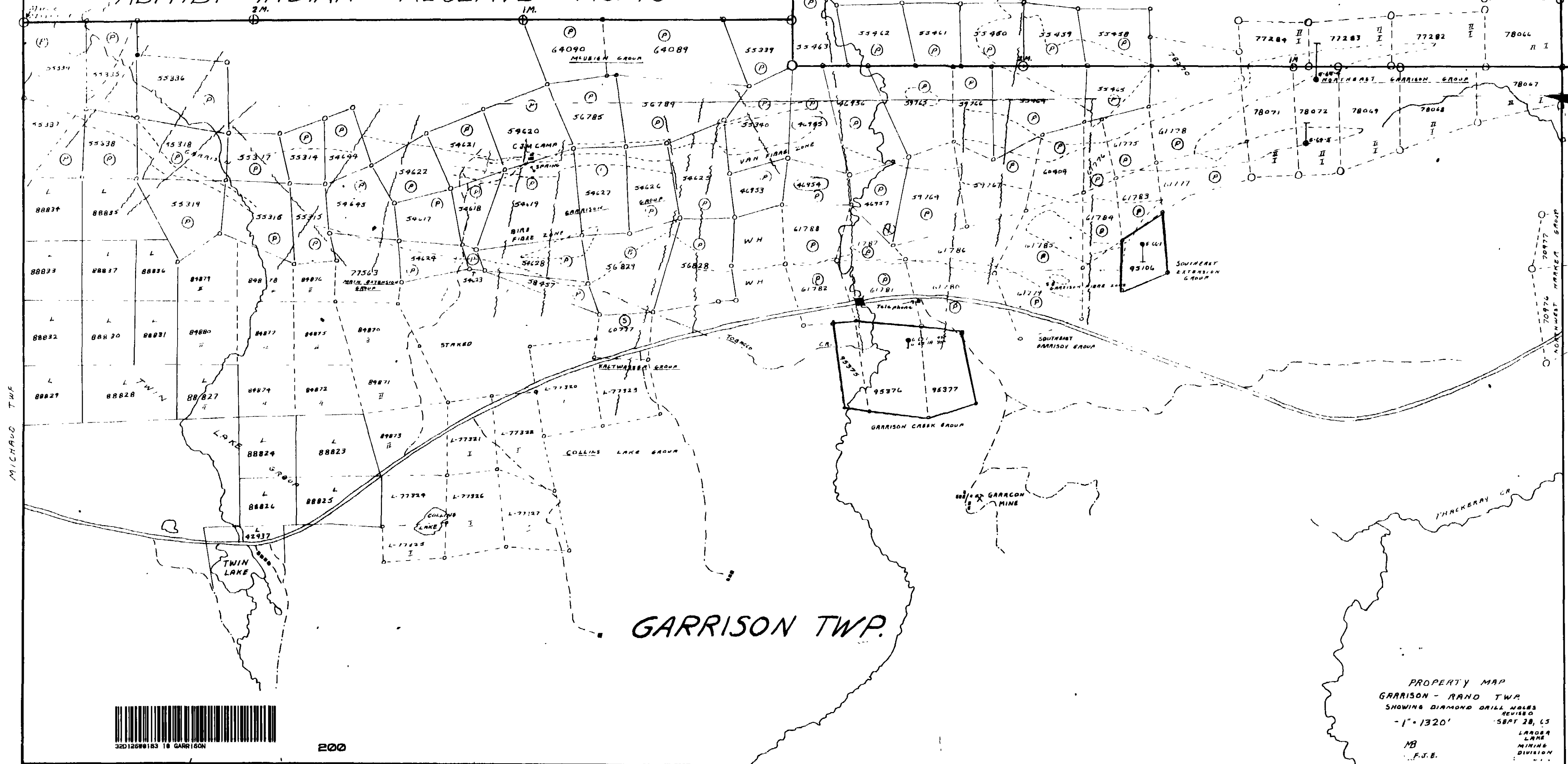
END OF HOLE.

Logged by: M. Boyd.

M. Boyd

ABITIBI INDIAN RESERVE No. 70

RAND TWP.



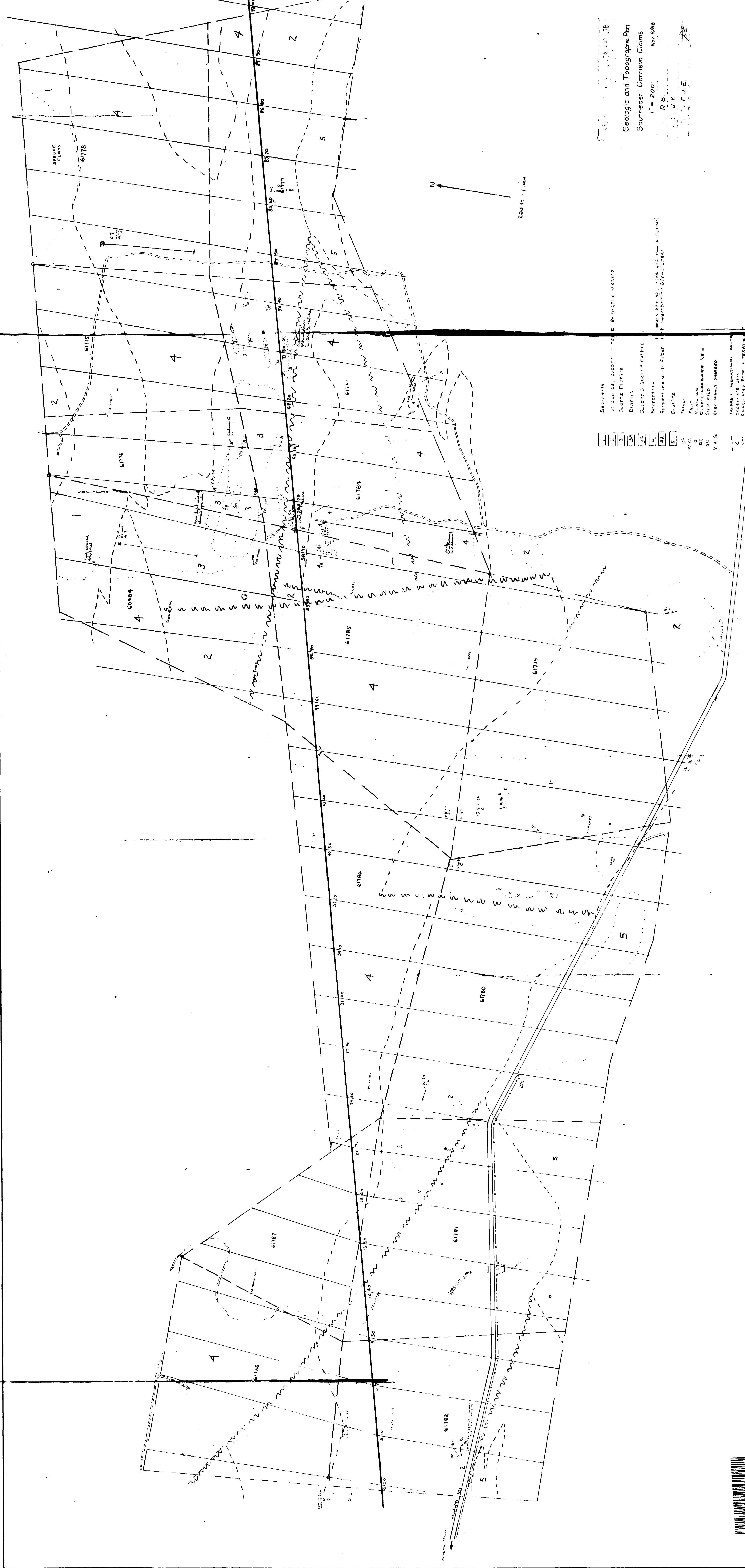
GARRISON TWP.



200

PROPERTY MAP
 GARRISON - RAND TWP.
 SHOWING DIAMOND DRILL HOLES
 REVISED
 -1"=1320'
 SEPT 28, 15
 LARGA
 LANE
 MINING
 DIVISION
 MB
 F.J.E.

lpt/cc *[Signature]*



Geologic and Topographic Plan
 Southeast Garrison Claims

Scale: 1" = 200'
 Date: Nov. 8/85
 Author: R. S. J. V. F. J. E.

- | | |
|-----|---|
| 1 | Sediments |
| 2 | Volcanics, gabbro, etc. |
| 3 | Quartz Diorite |
| 3A | Diorite |
| 4 | Gabbro & light Gabbro |
| 4A | Serpentine |
| 5 | Serpentine with fiber (weathered, fine-grained & some) + weathered, fractured |
| 6 | Granite |
| 7 | Tuff |
| 8 | Fault |
| 9 | Vein |
| 10 | Clayey Gneiss |
| 11 | Clayey Gneiss |
| 12 | Clayey Gneiss |
| 13 | Clayey Gneiss |
| 14 | Clayey Gneiss |
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