

PARKIN TOWNSHIP REPORT #11

This file contains work performed by Fab Metal Mines Ltd.  
on claims:

S. 57716 Holes #1; 328' Dec., 1951

#2; 293' Jan., 1952

#3; 366' Jan., 1952

010

#4; 354' Jan., 1952

#16; 426' Mar., 1952

#17; 367' Mar., 1952

S. 57706 Holes #5; 300' Jan., 1952

#6; 353' Jan., 1952

#7; 332' Jan., 1952

#8; 183' Jan., 1952

#9; 300' Jan., 1952

S. 53274 Holes #10; 291' Feb., 1952

#11; 439' Feb., 1952

#14; 229' Feb., 1952

#15; 529' Mar., 1952

S. 53273 Holes #12; 645' Feb., 1952

#13; 430' Feb., 1952

TOTAL: 17DN 4665'



4115SW0129 0017 PARKIN

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 1

SHEET NUMBER 009

SECTION FROM ..... TO .....

5771

# DIAMOND DRILL RECORD

LOCATION: LAT. 2290 NORTH  
 DEP. 495 WEST  
 ELEVATION OF COLLAR 950  
 DATUM .....  
 DIRECTION AT START: BEARING 72° magnetic  
 DIP 45°

STARTED December 20, 1951  
 COMPLETED .....  
 ULTIMATE DEPTH 328 328  
 PROPOSED DEPTH 310

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0 - 8.5	Casing				
8.5 - 19.0	medium grained dioritic rock				
	9.0 - two seams of quartz one inch apart, both at 10° to C.A. No vis. mineralization				
	11.5 - two seams as above.				
	12.5 - one seam as above				
	14.5 - one unoriented seam min. with slight cpy & po.				
	15.5 - one unoriented 3/16" Qtz. vein no vis. min.				
	16.2 - 3/4" breccia zone at 25° to C.A. Qtz. matrix.				
	16.4 - 1/16" Qtz. vein at 70° to C.A. no vis. min.				
	16.5 - Same as above				
	17.0 - Same as above				
	17.8 - 1/4" Qtz. vein at 115° to C.A. no vis. min. see angle below.				
	18.0 - 1/16" Qtz.-calcite vein at 50° to C.A. min. with po, py, cpy.				
19.9 - 25.6	very fine grained dioritic rock-almost andesitic				
	20.0 - discontinuous Qtz. seam at 5° to C.A. no vis. min.				
	20.9 - 1/8" Qtz. vein at 70° to C.A. slight py, po, cpy, min.				
	21.0 - 1/16" fracture at 45° to C.A. min. with po, py, cpy, Qtz.				
	21.5 - 22.0 - irregular discon fractures min. with po. cyp.				
	22.0 - 22.5 - same as above				
	24.4 - 1/8" Qtz. vein slight po, cpy min. at 85° to C.A.				

DRILLED BY .....

SIGNED .....

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 1

SHEET NUMBER two

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT. ....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	24.6- 1/8" qtz. at 15° to C.A. no vis. min.						
	24.6- Frac. at 70° to C.A. Min with po, cpy.						
	25.6- Frac. at 45° and 165° to C.A. min. with po, cpy. Some slickensiding noted at vt. angles to latter.						
25.6 - 72.5	medium grained dioritic rock which has finer grained sections over short distances. The individual mineral grains are poorly defined and appear altered. Rock is very hard to scratch.						
	25.6 - 1/8" carb vein at 40° to C.A. slight cpy. po. min.						
	31.5 - 1/16" " " " 35° " " no vis. min.						
	33.2 - 1/8" Qtz. Carb. " 50° " " " " "						
	39.4 - 1/16" " " " 55° " " " " "						
	61.0 - 6" section of diorite which is slightly gneissic at 45° to C.A.						
	70.0 - 3/4" qtz. vein at 20° to C.A. po min.						
	72.0 - 1/4" " " " 30° " " no vis. min.						
72.5 - 76.0	coarse grained diorite.						
76.0 - 168.0	medium to fine grained dioritic rock with short sections usually under 6" of coarser phases.						
	86.5 - 2" section of qtz.-carb at 80° to C.A. no vis min.						
	89.2 - 1/8" carb. vein at 15° to C.A. xls of cpy and po.						
	97.0 - 1 1/2" qtz. carb. vein at 40° to C.A. carb in pink and white xls.						
	98.0 - 1/8" carb. vein at 80° to C.A. no vis. min.						

DRILLED BY .....

SIGNED  .....

PROPERTY \_\_\_\_\_

HOLE NUMBER ..... 1 .....

SHEET NUMBER ..... three .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	98.8 - 1/2" qtz. carb. vein at 60° to C.A. slight po min.				
	104.2 1" " " " " 40° " " no vis. min.				
	107.7 - 1/8" " " " " 40° " " " " "				
	109.3 - 1/8" " " " " 45° " " " " "				
	114.0 - 1/2" " " " " 60° " " " " "				
	119.0 - 1/8" " " " " 30° " " " " "				
	125.0 - 1/8" " " " " 45° " " min with cpy & po.				
	133.0 - 6" section having mixture of wall rock and qtz. - slight po & cpy min.				
	156.5 - 1/4" qtz. vein at 25° to C.A. no vis. min.				
	157.5 - 1/8" " " " 45° " " slight po min.				
	163.7 - 1/8" " carb vein at 45° to C.A. no vis min.				
	167.0 - 1/2" qtz. vein at par to C.A. no vis. min.				
168.0 - 174.5	Rather tuffaceous rock green grey in colour at 168.0 and grading to grey at 174.5 Contact very poorly defined. There is a suggestion of banding near the end of this section which is carb and po filled. This banding is at 70° to C.A.				
	172.0 - 1/4" carb vein at 70° to C.A. no vis min.				
	172.5 - 1/4" " " " 70° " " " " "				
	172.5 - 174.5 - there are 8 carb veins here 1/4" or under all at 70° to C.A. no vis min. in the carb veins but grains of po noted oriented as above.				
	174.4 1/4" Carb vein at rt. angles to suggested banding min with po.				
174.5 - 180.0	very fine grained acidic rock light in colour except where min. with sul. Darkening may be due to microscopic sul. mineralization. Po min predominate mainly as plates and seams par the banding also in frac which cuts the banding at various angles. Cpy min generally occupies frac within po plate or seams. Banding in the rock varies along this core length, as follows.				

PROPERTY \_\_\_\_\_

HOLE NUMBER ..... 1 .....

SHEET NUMBER ..... Four .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	174.5 - 175.0 --- 80° to C.A.				
	175.0 - 176.5 --- contorted				
	176.5 - 176.9 --- 75° to C.A.				
	176.9 - 179.0 --- contorted				
	179.0 - 180.0 --- 45° to C.A.				
	174.7 - frac at 20° to C.A. min with cpy and carb.				
	175.0 - 1/4" vein of qtz. at 80° to C.A. slight po min.				
	176.0 - 6" section with slight disem. cpy.				
	178.8 - short seam of cpy par C. A.				
	189.0 - slight disem. cpy and sph.				
AuAg	174.5 - 180.0 ---	1	5.5		
180.0 - 181.0	rock similar to prev. section, regular po min. cut by 1/4" qtz.-carb vein at 15° to C.A. min with fair up to 1/8" sph xls as well as po and lesser cpy				
AuAgZn	180.0 - 181.0 ---	2	1.0		
181.0 - 186.0	rock and general mineralization similar to section 174.5 - 180.0 the banding being at 65° to C.A.				
	182.0 - 6" section having slight cpy disem.				
	181.5 - 1/4" qtz-carb vein at 20° to C.A. slight py min.				
AuAg	181.0 - 186.0 ---	3	5.0		
186.0 - 191.0	rock and po mineralization similar to section 174.5 - 180.0				
	188.5 - slight disem. cpy min.				
AuAg	186.0 - 191.0 ---	4	5.0		
191.0 - 196.0	rock and po mineralization similar to section 174.5 - 180.0, banding at 65°				
	195.0 - 4" vein of sugary qtz. at 60° to C.A. walls are frac and tongued with seams of po and lesser cpy.				
AuAg	191.0 - 196.0 ---	5	5.0		

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 9/44

DRILLED BY .....

SIGNED .....

PROPERTY \_\_\_\_\_

HOLE NUMBER ..... 1 .....

SHEET NUMBER ..... five .....

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT. ....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
196.0 - 201.0	rock and po mineralization similar to section 174.5 - 180.0 banding at 60° 200.0 - three short seams of cpy min at rt. angles to banding				
AuAg	196.0 - 201.0 ---	6	5.0		
201.0 - 206.0	a darker siliceous rock with banding at 55° to C.A. General po min along this length mostly as plates and seams par the banding. cpy min as grains and disem in the po and seams of cpy noted par po seams and also follow tiny cross frac between plates. These cross frac are sometimes po filled suggesting two ages of po mineralization. 201.0 - few tiny cubes py min. Host rock apple green where not min with sul. 202.0 - thin seam cpy par banding somewhat slickensided. 203.5 - slight disem. cpy. 205.6 - 1/4" carb vein at 50° to C.A. slight po min. 205.9 - 1/2" carb vein at 50° to C.A. slight po min.				
AuAg	201.0 - 206.0	7	5.0		
206.0 - 211.0	same as prev. section except that the banding is contorted between 208.5 - 211.0 and also brecciated. A 6" section at 208.5 is of a milky grey rock almost porcelain like. Po min. as in prev. section. 206.8 - irreg. seam cpy. 208.7 - seam of cpy at 10° to C.A. 210.5 - irreg. seam of cpy.				
AuAg	206.0 - 211.0 ---	8	5.0		
211.0 - 216.0	rock same as previous section with banding at 45° to C.A. po Min in seam and as grains following the banding. Po min. decreases progressively towards 216.0, where the rock takes on a somewhat tuffaceous appearance. 211.4 - slight cpy min in irreg frac. 211.5 - frac at 45° to C.A. min with a very thin plate of graphite (?) 211.6 - slight cpy min in irreg frac.				
AuAg	211.0 - 216.0	9	5.0		

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 901 REV. 8/44

DRILLED BY .....

SIGNED .....

PROPERTY .....

HOLE NUMBER ..... 1 .....

SHEET NUMBER ..... six .....

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....

DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....

DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
216.0 - 236.4	green grey coloured tuffaceous rock, very fine grained. No well defined banding though there is a suggestion of one at 45° to C.A. Slight po min. mostly as grains from 216.0 - 218.0 and 232.0 to 236.4 No cpy noted. These grains of po are oriented in a direction of the suggested banding.				
219.9 - 1/4"	qtz. vein at 75° to C.A. slight po min.				
220.1 - 1/8"	qtz. vein at 50° to C.A. no vis. min.				
221.3 - 1/8"	qtz. carb vein at 45° to Ca. no vis. min.				
227.2 - 1/8"	" " " " " 80° " " " "				
230.0 - 1/2"	" " " " " 45° " " " "				
236.4 - 246.0	Very fine grained acidic rock dark grey in colour and thinly banded at 60° This section has a general po and py mineralization mostly as seams or plates per the banding.				
237.2 -	Section here 3.1 feet long having fairly heavy sul min about 40% of core. Sul mostly po with lesser py and cpy. Po and py generally in seams per the banding while cpy in seams within po and in cross frac. and disem in massive po.				
AUAgCu	237.2 - 240.3 ---	10	3.1		
	240.3 - Section 517 feet long with well defined banding at 60° to C.A. Min with po and py in seams up to 5/8" thick. slight cpy min.				
AUAg	240.9 - 246.0 ---	11	5.7		
	244.5 - seam of cpy at 110° to CA.				
	245.5 - short discon seam cpy at rt. angles to banding				
246.0 - 258.8	massive green grey tuffaceous rock general carbonatization. Suggestion of banding at 50° to C.A. Minor po min. which decreases progressively.				
	246.0 - 1/2" qtz.-Carb vein at 60° to C.A. no vis min.				
	246.2 - 1/8" " " " 60° " " walls min with striated py and grains of po				
	249.2 - 1/8" " " " 70° " " no vis min.				
	250.0 - 1/8" " " " 70° " " " " "				
	255.0 - 1/16" " " " 15° " " " " "				
	256.8 - 1/16" " " " 15° " " " " "				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 6/44

DRILLED BY .....

SIGNED .....

PROPERTY \_\_\_\_\_

HOLE NUMBER 1

SHEET NUMBER SEVEN

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
258.8 - 328.0	gray green to green andesitic rock with general carbonatization. Cut by an irreg frac pattern which is carb filled. These frac range from minute to 1 1/2" wide, more generally less than 1/16". The more definite ones are tabulated below.				
259.5 - 1 1/2"	carb vein at 85° to C.A. tr cpy min.				
260.5 - 1/16"	" " 15° " " no vis min.				
261.5 - 1/8"	" " 25° " " " " "				
262.5 - 1/4"	" " 20° " " " " "				
263.7 - 1/8"	" " 40° " " " " "				
264.0 - 3/4"	" " par " " " " "				
268.1 - 1/8"	" " 30° " " " " "				
270.8 - 1/4"	" " 30° " " " " "				
273.6 - 1/4"	" " 15° " " vuggy one xl cpy				
278.0 - 1/8"	" " 20° " " no vis min.				
280.0 - 1/16"	" " 15° " " " " "				
282.0 - 1/16"	" " par " " " " "				
289.5 - 1/8"	" " 70° " " " " "				
301.5 - 1"	" " 80° " " slight po min.				
302.4 - 1"	" " 40° " " no vis min.				
303.6 - 1/8"	" " 20° " " slight po min.				
305.9 - 3/4"	" " 65° " " no vis min.				
310.2 - 1/2"	" " 40° " " " " "				
313.7 - 1/4"	" " 60° " " " " "				
322.1 - 1/2"	" " 50° " " " " "				
328.0	END OF HOLE ONE				

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_



PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER I

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT 2290 NORTH  
 DEP. 495 WEST  
 ELEVATION OF COLLAR 950  
 DATUM .....

DIRECTION AT START: BEARING 072° magnetic  
 DIP -45°

STARTED December 20, 1951.  
 COMPLETED January 2, 1952.  
 ULTIMATE DEPTH 328  
 PROPOSED DEPTH 310

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	SUMMARY OF THE GEOLOGY				
0 - 8.5	Casing				
8.5 - 166.0	Andesite (1). This rock has short dioritic phases.				
166.0 - 180.0	Meta-andesite (1). The alteration consists of a highly carbonatized phase, which blends into a highly silicified phase, which then continues to the contact at 180.0. There is a fairly heavy concentration of sulphide minerals in the contact zone.				
180.0 - 183.1	Felsite. This rock is highly altered and heavily mineralized.				
183.1 - 201.3	Melanocratic acid tuff. This rock is also highly altered and mineralized with sulphide minerals.				
201.3 - 207.7	Meta-andesite (1).				
207.7 - 210.0	Leucocratic acid tuff (brecciated).				
210.0 - 240.2	Meta-andesite (2). This rock is highly silicified at 210.0 and at 240.2. This silicification flanks a core of highly carbonatized andesite. There is a 3" tuff bed at 214.3 feet.				
240.2 - 245.5	Leucocratic acid tuff. Highly altered and sulphide mineralized.				
245.5 - 253.0	Meta-andesite (2).				
253.0 - 328.0	Andesite (2). There is a flow contact at 259.5 which has been intruded with quartz veining. The contact however is followed by 5 feet of flow top material.				
NOTICE	A very finely disseminated sphalerite (zinc) mineralization was noted in the core, which had escaped detection in the initial logging. As follows.				
	177.0 - 181.0	light sph	201.3 - 206.0	trace sph	
	181.0 - 183.0	trace sph	206.0 - 210.0	light sph	
	183.0 - 183.5	fair sph	210.0 - 215.0	trace sph	
	183.5 - 185.0	light sph	237.2 - 245.7	light sph	
	185.0 - 201.3	light to trace sph			

DRILLED BY .....

SIGNED .....

PROPERTY FAB METAL MINES LIMITED

57819

## DIAMOND DRILL RECORD

HOLE NUMBER ..... 2 .....

SHEET NUMBER ..... one .....

SECTION FROM ..... TO .....

LOCATION: LAT ..... 1985 NORTH .....  
 DEP ..... 360 WEST .....  
 ELEVATION OF COLLAR ..... 1000 .....  
 DATUM .....  
 DIRECTION AT START: BEARING ..... 61° magnetic .....  
 DIP ..... 45° .....

STARTED ..... January 3, 1952 .....  
 COMPLETED ..... January 5, 1952 .....  
 ULTIMATE DEPTH ..... 293 .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 7.0	Casing				
7.0 - 20.6	medium grained to very fine grained dioritic rock				
	11.0 - 2" section of brecciated fine grained diorite min with slight calcite po & cpy				
	13.0 - 1/8" qtz. vein at 50° to C.A. no vis. min.				
	14.8 - 2" discontinuous frac min with slight calcite po and cpy				
20.6 - 21.5	very fine grained siliceous rock with slight banding at 40° to C. A. Somewhat brecciated and the fractures are min with fair po. lesser py & cpy. The dioritic rock which flanks this section is very fine grained and no definite contacts are evident.				
21.5 - 24.0	very fine grained dioritic rock				
24.0 - 25.0	siliceous rock well banded at 55° to C.A. Light to dark grey in colour and min with fair po and lesser cpy. The walls of this section have been ground.				
25.0 - 25.4	very fine grained dioritic rock.				
25.4 - 26.0	section of an acid rock the first half of which is well banded at 80° to C.A. and the balance highly contorted, Banding consists of almost white, dark grey and green grey members. The rock is brecciated a little and min along the breccia frac as well as along banding planes with po and slight cpy.				
26.0 - 95.0	medium to very fine grained dioritic rock, the medium grained sections often having margins at 50° to C.A.				
	28.5 - slight po min.				
	32.5 - 1/8" qtz.-carb vein at 55° to C.A. no vis min.				
	34.3 - 1/8" " " " " 15° " " " " " "				
	39.0 - 4" section of brecc diorite cemented with qtz.-carb.				
	42.2 - frac at 15° to C.A. min with py.				
	43.0 - 1" section of banded acid rock at 60° to C.A. min with fair po. Cut by 1/4" calcite vein at rt. angles to banding which is min with po cpy.				
	48.8 - 1/8" qtz. vein at 30° to C.A. no vis min.				
	49.0 - slight po and cpy min.				

PROPERTY \_\_\_\_\_

HOLE NUMBER 2

SHEET NUMBER two

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
26.0 - 95.0	51.7 - 1/8" qtz.-carb vein at 15° to C. A. no vis min.						
Continued	53.0 - 3 - 1/8" qtz. veins at 35° to C. A. no vis min.						
	53.5 - 3/8" qtz. carb vein at 40° to C. A. slight po min.						
	54.5 - 1/8" " " " 15° " " " " "						
	55.5 - 1/8" " " " 25° " " " " "						
	65.8 - 1/4" " " " 40° " " " " "						
	74.0 - slight po min as disem grains in fine grained diorite.						
	77.5 - 1/2" qtz. carb vein at 30° to C.A. no vis min.						
	78.5 - 1/8" " " " 30° " " " " "						
	79.5 - 1/8" " " " 60° " " " " "						
	82.2 - 1/2" " " " 20° " " " " "						
95.0 - 126.5	very fine grained andesitic rock						
	97.1 - 1/8" qtz. vein at 30° to C. A. no vis min.						
	101.0 - 1/8" " " " 15° " " " " "						
	106.9 - 1/8" " " " 30° " " " " "						
	120.5 - 6" section of brec. andasite						
126.5 - 129.2	lamprophyre? one contact at 50° to C. A.						
129.2 - 148.7	very fine grained diorite with short sections usually under 6" of medium grained phases. A minor gneissic texture in these short sections oriented at 40° to C. A.						
	132.1 - 1/16" qtz vein at 45° to C. A. no vis min.						
	133.0 - 1/8" qtz carb vein at 10° to C. A. no vis. min.						
	140.5 - 1/2" " " " 20° " " " " "						
	142.7 - 1/2" " " " 25° " " slight cpy min						
	144.7 - 1/2" " " " 55° " " no vis min.						
	146.0 - 1/2" " " " 20° " " slight cpy min.						
	147.1 - 1/8" " " " 35° " " no vis min.						
148.7 - 157.6	lamprophyre ? having slight but general po min. (diseminated)						
	153.5 - 1/2" qtz vein at 40° to C. A. No vis min.						

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY \_\_\_\_\_

HOLE NUMBER 2

SHEET NUMBER three

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
 DEP \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
157.6 - 205.6	Very fine grained dioritic rock with short sections usually under 6" in length of medium grained phases. These phases sometimes exhibit minor schistosity at 40° to C. A.				
159.8 - 163.0	1/8" qtz vein at 40° to C. A. no vis min.				
163.0 - 167.5	1/8" qtz vein at 60° to C. A. no vis min.				
167.5 - 177.2	badly broken qtz vein at least 2" wide-glassy milky frac. min with po and cpy				
177.2 - 183.5	1/8" qtz vein at 25° to C.A. no vis min.				
183.5 - 184.0	1/8" " " " 30° " " " " "				
184.0 - 191.2	1/8" " " " 30° " " " " "				
191.2 - 194.2	1/8" " " " 60° " " " " "				
194.2 - 197.2	1/8" " " " 50° " " " " "				
197.2 - 205.6	1/8" " " " 50° " " " " "				
205.6 - 224.0	very fine grained siliceous rock light green and then grey in colour. In the first three feet of this section there is a suggestion of there having been a grain texture comparable to the medium grained diorites already logged in this hole. The minerals have been almost completely altered and appear as hazy specks. There is no definite banding in this rock although there is a general fracturing (very irregular). Some of these fractures are mineralized with grains of po but nowhere to more than 1% of the rock.				
213.0 - 213.5	1" qtz vein at 50° to C. A. no vis min.				
213.5 - 214.0	1/4" " " " 60° " " " " "				
214.0 - 219.3	6" section of irregular qtz. min.				
219.3 - 224.0	1/16" carb vein at 55° to C.A. slight magnetite and po min.				
224.0 - 228.0	lamprophyre ? relatively unfrac when compared to the rocks flanking this section. Mineralized with disseminated po and xls of py.				
223.8 - 225.4	1/2" qtzcarb vein at 60° to C.A. min py xls.				
225.4 -	few large (3/16") xls py in cubes				
AuAg	224.0 - 228.0 ---	12			

PROPERTY .....

HOLE NUMBER ..... 2 .....

SHEET NUMBER ..... four .....

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT.....  
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....  
DIP.....

STARTED .....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
228.0 - 247.5	Acid rock and generally well banded. A light milky green in colour in unmineralized sections, elsewhere dark grey to black. Min principally with po which occupies frac par the banding and at times in frac at rt. angles to it. May be an altered tuff.				
228.3	- 1/8" qtz vein at 25° to C.A. po and cpy min in wall rock				
229.0	- banding at 40° to C.A. - 1/16" seam cpy at rt. angles to it.				
230.5	- cpy filled frac at rt. angles to banding.				
231.7	- cpy min in short frac at rt. angles to banding.				
235.0	- slight cpy min.				
236.4	- " " "				
238.0	- banding at 50° to C.A.				
238.5	- 1/16" seam cpy at rt. angles to banding.				
239.4	- 1/16" " " " " " " " " with lesser sph min.				
240.1	- frac. min with cpy at rt. angles to banding with lesser sph min.				
240.6	- " " " " " " " " " " "				
242.0	- " " " " Par C.A.				
243.8	- " " " " at rt. angles to banding.				
247.5 - 250.0	rock same as in prev. section but with less po min. Grey green to grey <del>xxxx</del> in colour with noticeable whitish flecks poss Feldspathic.				
250.0 - 256.5	same rock as in prev. section but having slightly more po min. mostly in seams par the banding, but also in fracs. at various angles to it.				
250.0	- banding at 50° to C.A.				
253.1	- irreg. frac. min with cpy.				
253.8	- 1/8" seam par banding min with py.				
254.3	- 1/16" seam par cpy at rt. angles to banding.				
256.4	- 2" fracs p r banding min with cpy.				
256.5 - 261.5	slightly carbonated tuffaceous rock with poor banding at 50° to C.A. irreg. po min in frac par the banding.				
256.5	- 6" section of brec. rock.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 301 REV 8/44

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PROPERTY \_\_\_\_\_

HOLE NUMBER 2

SHEET NUMBER five

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
261.5 - 277.2	massive unbanded tuff				
	267.5 - irreg. qtz-carb vein.				
	272.0 - " "				
277.2 - 293.0	massive andesite				
	277.2 - 1" qtz.-carb vein at 50° to C.A. no vis min.				
	279.2 - 1/8" " " " " 65° " " " "				
	281.0 - 1/8" " " " " 45° " " " "				
	283.5 - 1/4" " " " " 25° " " " "				
	293.0 - end of hole				
	<b>SAMPLES</b>				
	AuAg 224.0 - 228.0	12	4		
	AuAg 228.0 - 232.5	13	4.5		
	AuAg 232.5 - 237.5	14	5.0		
	AuAg 237.5 - 242.5	15	5.0		
	AuAg 242.5 - 247.5	16	5.0		
	AuAg 250.0 - 253.0	17	9.0		
	AuAg 253.0 - 256.5	18	3.0		

DRILLED BY \_\_\_\_\_

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 2

SHEET NUMBER .....

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. 1985 NORTH  
 DEP. 360 WEST  
 ELEVATION OF COLLAR 1000  
 DATUM .....

DIRECTION AT START: BEARING 061° magnetic  
 DIP -45°

STARTED January 3, 1952  
 COMPLETED January 5, 1952  
 ULTIMATE DEPTH 293  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	SUMMARY OF THE GEOLOGY				
0 - 7.0	Casing				
7.0 - 20.9	Andesite (I).				
20.9 - 25.7	Mixture of andesite (I) and two narrow beds of sediments or acid tuff. These two sections of sediments overlie flow tops at 21.5 and 25.7. The first one has very poorly defined bedding, is fractured and mineralized with light pyrrhotite - pyrite, and a trace of chalcopryite-sphalerite. In the second the bedding is well defined at right angles to the core axis and is mineralized with light to fair pyrrhotite-pyrite and a trace of chalcopryite.				
25.7 - 116.1	Andesite (I). Actually a number of individual flows in this section and most of the flow contacts have been ground or are poorly defined. One contact at 38.7 is at 50° to the core axis, and is followed with typical flow top material.				
116.1 - 148.7	Andesite (5). The contact with the previous section is at 45° to the core axis.				
148.7 - 157.6	Syenodiorite (?) An intrusive with contacts at 55° and 70° to the C.A.				
157.6 - 205.0	Andesite (I).				
205.0 - 222.7	Meta-andesite (I). The alteration increases progressively to 222.7.				
222.7 - 228.0	Meta-syenodiorite (?). Rock is very highly altered.				
228.0 - 246.0	Highly altered acid tuff (?).				
246.0 - 251.0	Meta-andesite (I). Rock is very highly altered.				
251.0 - 256.0	Highly altered acid tuff.(?).				
256.0 - 289.0	Meta-andesite (I).				
289.0 - 293.0	Andesite (I).				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 2

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT.....  
 DEP.....  
 ELEVATION OF COLLAR.....  
 DATUM.....  
 DIRECTION AT START: BEARING.....  
 DIP.....

STARTED.....  
 COMPLETED.....  
 ULTIMATE DEPTH.....  
 PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
SUMMARY OF THE ZINC AND COPPER MINERALIZATION					
226.0 - 229.6	trace zinc, trace copper				
229.6 - 233.9	light zinc, trace copper				
233.9 - 235.7	fair zinc, trace copper				
235.7 - 247.5	light to fair zinc, trace copper				
247.5 - 254.0	trace zinc				

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM NO. 501 REV. 9/44

COLLECTED BY .....

SIGNED .....



PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER # 3SHEET NUMBER oneSECTION FROM B - B TO57717  
**DIAMOND DRILL RECORD**LOCATION: LAT. 2125 NORTH  
DEP. 2 EASTSTARTED January 8, 1952ELEVATION OF COLLAR 1022COMPLETED January 10, 1952

DATUM

ULTIMATE DEPTH 366DIRECTION AT START: BEARING 61° magnetic  
DIP -45°PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 6.0	Casing				
6.0 - 42.1	Slightly carbonated black basaltic rock, short sections of which are amygdaloidal. The amygdules are calcite filled and often contain a grain of po or cpy. Tiny masses and xls. of olivine ? are irregularly scattered throughout the rock. There is a slight schistosity at 50° to C.A.				
	6.5 - seam of chlorite-carb vein at 15° to C.A. slight po min.				
	8.1 - 1/16" " " " " 15° " " " " "				
	11.1 - 1/8" qtz vein at 35° to C.A. no vis min.				
	12.2 - 1/16" chlorite-carb vein at 15° to C.A. slight po min.				
	19.0 - 1/8" qtz carb " " 25° " " " " "				
	24.8 - 1/16" carb-po-py vein at 20° to C.A.				
	26.8 - 1/8" qtz carb vein at 15° to C.A. fair po and cpy min.				
	28.4 - 1/8" " " " " 25° " " " " no vis min.				
	32.5 - 1/8" quartz vein at 45° to C.A. slight po min.				
	33.1 - 1/4" " " " " 35° " " " " cpy min.				
42.1 - 102.0	very fine grained diabase ? evenly textured with a slight but regular discen. of po grains and lesser cpy.				
	33.3 - 1/4" qtz. carb vein at 50° to C.A. No vis min.				
	47.2 - 1/8" " " " " 55° " " " " "				
	47.2 - 1/16" " " " " rt. angles to above no vis. min.				
	55.1 - 1/8" qtz. carb vein at 50° to C.A. no vis min.				
	55.6 - 1/4" " " " " 40° " " " " po and cpy min.				
	74.0 - 1/2" " " " " 40° " " " " slight py min.				
	89.0 - irreg. frac min with py, po cpy				
	94.0 - irreg calcite vein min with qtz and slight po cpy.				
	97.7 - 3/8" qtz. carb vein at 35° to C.A. no vis. min.				
	101.0 - irreg po and cpy filled fracs.				
102.0 - 132.0	medium grained diabase ? having numerous fracs at various angles to C.A. which are slickensided and plated with py. Some are listed below.				
	105.3 - frac at 10° to C.A. slickensided and py pltd.				

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# DIAMOND DRILL RECORD

HOLE NUMBER ..... 3 .....

SHEET NUMBER ..... two .....

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	106.5 - frac at 50° to C.A. Slickensided and py pltd.				
	107.7 - frac at 35° to C.A. Slickensided and py plated				
	109.0 - " " 20° " " " " " " " "				
	111.5 - " " 30° " " " " " " " "				
	113.0 - " " 35° " " " " " " " "				
132.0 - 170.0	115.3 - 1/8" qtz vein at 35° to C.A. no vis min. very fine grained diabase				
	142.4 - 1/8" qtz vein at 50° to C.A. No vis min.				
	143.0 - frac at 20° to C.A. slickensided and py plated.				
	148.0 - 1/8" qtz vein at 45° to C.A. No vis min.				
	149.0 - 1/8" " " " par " " slight po and cpy min.				
	153.2 - 1/8" " " " 50° " " no vis min.				
	159.5 - 2" section of breccia				
	160.0 - 1.8 foot section with 1/2" tourmaline (black) and qtz in vein par C.A. faulted in 4 places with slight displacement. Slight py min.				
	166.0 - 1/8" qtz vein at 40° to C.A. No vis min.				
170.0 - 220.2	166.1 - 1/2" " " " 35° " " " " " brown black to black very fine grained basaltic rock. Mineralized with irreg. seams and lenses of sulphides as follows.				
	171.0 - 1" lense of py at 80° to C.A.				
	171.3 - irreg. 1/2" lense of py-po.				
	171.7 - 3/16" lense of py at 45° to C.A. - 3 irreg lenses of py min.				
	172.1 - 1" lense of py at 45° to C.A.				
	173.5 - irreg. 1" lense of py min.				
	174.5 - 1/2 - 1 1/2" py lense at 50° to C.A.				
	175.4 - 1/2" lense of py at 60° to C.A.				
	176.0 - 1" lense of py at 65° to C.A.				
	176.7 - irreg 1/2" lense py min.				
	177.7 - 3" section with disem py, po and slight cpy				
	178.6 - 1/16" seams of po py at 65° to C.A.				

PROPERTY \_\_\_\_\_

HOLE NUMBER 3

SHEET NUMBER three

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
179.0	Irreg. po py min.				
179.3	1" lense py-po at 65° to C.A.				
179.6	1/8" lense py " 70° to C.A.				
180.1	1.8 foot section of diam po-py min.				
182.4	1" lense of py at 45° to C.A.				
182.8	1/8" " " " 45° " "				
183.0	2" section of diam po, py and slight cpy and sph.				
183.3	1/8" lense of py at 70° to C.A.				
183.8	5" section of diam py-po min.				
184.5	1" lense of py				
184.7	1/8" lense of py				
184.9	1/8" lense of py				
185.0	3.1 foot section of diam py.				
189.1	1/8" lense of py at 45° to C.A.				
189.5	1/8" " " " 45° " "				
190.0	1 foot section of diam py.				
191.8	1" lense of py at 70° to C.A.				
192.3	3/4" " " " 40° " "				
192.5	5 1/2" lense of massive py, intergrown with blade like xls of an unidentified glassy mineral.				
193.4	3/4" lense of py at 70° to C.A.				
194.1	1.3 foot section of massive py and po.				
195.7	1/8" lense py-po				
196.5	1/16" seam py par C.A.				
197.0	2" lense of py at 60° to C.A.				
197.3	3" " " " 60° " "				
197.8	1.6 foot section of massive py.				
199.4	1 1/2" lense of py at 50° to C.A.				
200.0	1/2" " " " 45° " "				
200.5	3" " " " 55° " "				
201.0	1" " " " st. angles to C.A.				

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PROPERTY \_\_\_\_\_

HOLE NUMBER 3

SHEET NUMBER four

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	201.3 - 3.2 foot section of py at 55° to C.A.				
	204.6 - 3- <sup>1</sup> / <sub>8</sub> " lenses of py at 55° to C.A.				
	205.0 - 9.1 foot section of basaltic rock having fair py min in irreg. masses and in lenses at 50° to C.A. and vary in width from 1/8" to 1".				
220.2 - 253.6	214.1 - 3.4 foot section min with irreg. qtz and carb and slight py. tuffaceous rock with poor banding at 45° to C.A. Some py and po in irreg. frac				
	223.1 - 1/2" carb vein at 45° to C.A. no vis min.				
	227.9 - 5/8" " " " 45° " " " " "				
	241.2 - 8" section of brecciated tuff with some disem py min.				
	243.2 - 1/2" carb vein at 45° to C.A. no vis min.				
	245.0 - banding at 40° to C.A.				
253.6 - 256.1	Contorted acid tuff frac and py filled.				
256.1 - 278.0	slightly carb dark grey tuff not banded except for a section from 262.0 to 263.5 where banding is at 10° to C.A., steepens to 20° to C.A. and then fades out.				
278.0 - 283.0	a mixture of contorted acid and feldspathic tuffs. Slight disem min with cube py, grains po and cpy.				
283.0 - 288.0	banded tuff at 30° to C.A.				
288.0 - 334.8	massive tuff the first three feet of which is brecciated.				
	298.5 - 3/4" qtz carb vein at 65° to C.A. no vis min.				
	307.8 - 1/2" " " " " 40° " " " " "				
	333.8 - 1 foot section of finely disem po, sph, cpy in irreg streaks.				
	334.8 - 3/4" qtz-carb vein at 45° to C.A. slight po min.				
334.8-338.0	brecciated acid tuff some banding at 45° to C.A. min with po and lesser sph and cpy.				
338.0 - 350.2	massive feld tuff the end foot of this section is brecciated.				
350.2 - 351.5	same as in prev section but having streaks of finely banded biotite mica oriented at 30° to C.A.				
351.5 - 357.2	contorted feldspathic tuff				
357.2 - 366.0	massive light grey quartzite ? The tuffs in the prev section show a banding				

at 70° to C.A. Dip at the contact and these two rocks are apparently conformable  
 END OF HOLE

PROPERTY \_\_\_\_\_

HOLE NUMBER 3

SHEET NUMBER five

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH \_\_\_\_\_  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
Samples	AuAg 171.0 - 173.6	19	2.6		
	AuAg 177.7 - 181.8	20	4.1		
	AuAg 185.0 - 188.2	21	3.2		
	AuAg 192.3 - 193.1	22	.8		
	AuAg 194.2 - 195.5	23	1.3		
	AuAg 197.7 - 199.5	24	1.8		
	AuAg 200.5 - 203.9	25	3.4		
	AuAg 203.9 - 208.9	26	5.0		
	AuAg 208.9 - 213.9	27	5.0		
	AuAg 213.9 - 218.9	28	5.0		
	AuAg 253.8 - 255.1	29	1.3		
	Zn AuAg 333.8 - 336.8	30	3.0		

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DRILLED BY Inspiration

SIGNED A. Skrecky

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 3

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. 2125 NORTH  
 DEP. 2 EAST  
 ELEVATION OF COLLAR 1022  
 DATUM .....

DIRECTION AT START: BEARING 061° magnetic  
 DIP -45°

STARTED January 8, 1952.  
 COMPLETED January 10, 1952.  
 ULTIMATE DEPTH 366  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
	SUMMARY OF THE GEOLOGY				
0 - 6.0	Casing				
6.0 - 81.0	Amygdaloidal basalt				
81.0 - 102.0	Basalt				
102.0 - 149.0	Diabasic gabbro				
149.0 - 177.0	Amygdaloidal basalt. There are no contacts between the foregoing rocks, they appear to be identical in composition, and are probably phases of a thick flow. The contact with the section that follows has been destroyed by extreme alteration and heavy pyrite pyrrhotite mineralization.				
177.0 - 334.8	Meta-andesite (2). The contact zone with the previous section is cut by many lenses of pyrite-pyrrhotite. Unmineralized remnants in this zone are varyingly altered, but there is a noticeable difference in the composition of some of the remnants. This suggests that a number of relatively thin flows have been affected by the mineralization. The first good flow contact is at 241.2 feet. This contact is at 50° to the core axis, and except for a textural difference near the contact the flows are identical. The evidence here is of westerly facing flow tops. There is a narrow felsite dyke at 253.6 to 256.1 feet. A flow contact at 262.5 feet at 20° to the core axis again indicates westerly facing flow tops. Another flow contact at 278.0 is followed with 10 feet of flow top material.				
334.8 - 338.0	Leucocratic acid tuff. With brecciated and contorted bedding.				
338.0 - 357.2	Meta-andesite (2). There are a number of flow contacts in the last few feet of this section, all of them indicating westerly flow tops.				
357.2 - 366.0	Leucocratic quartzite. The core at the contact was found to have been <del>replaced</del> improperly arranged, this being noted when the core was re-examined for this summary. The contact with the previous section is at				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 3

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....

STARTED .....

DEP. ....

COMPLETED .....

ELEVATION OF COLLAR .....

ULTIMATE DEPTH .....

DATUM .....

DIRECTION AT START: BEARING .....

PROPOSED DEPTH .....

DIP .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	55° to the core axis, and produces further evidence of westerly facing formation. A fracture, which originally could have been a fissure into the quartzite, is now filled with andesitic rock. This bit of andesite funnels out and forms the contact with the quartzite and andesite.						

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM NO 501 REV. 9/44

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PROPERTY FAB METAL MINES LIMITED

57714

# DIAMOND DRILL RECORD

HOLE NUMBER 4  
 SHEET NUMBER ONE  
 SECTION FROM ..... TO .....

LOCATION: LAT. 1865 NORTH  
 DEP. 80 EAST  
 ELEVATION OF COLLAR 1015  
 DATUM .....  
 DIRECTION AT START: BEARING 075° magnetic  
 DIP -55°

STARTED January 12, 1952  
 COMPLETED January 14, 1952  
 ULTIMATE DEPTH 354  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 11.0	Casing				
11.0 - 64.5	Fine grained black diabasic rock. Generally carbonatized and having many slickensided frac. some plated with py.				
	11.6 - frac at 20° to C.A. slick. at rt. angles to frac.				
	12.2 - frac at 20° to C.A. slick. at rt. angles to frac. py min.				
	13.0 - " " 20° " " " " " " " " " "				
	13.1 - " " 70° " " " " " " " " " "				
	13.2 - " " 60° " " " " " " " " " "				
	13.5 - broken core for 2 feet				
	14.6 - frac. par C.A. py min. slicken obliquely to frac.				
	16.5 - " at 35° to C.A. py min.				
	16.6 - 1/16" carb vein at 40° to C.A. no vis min.				
	17.4 - frac at 40° to C.A. slicken. at rt. angles to frac. py min.				
	18.2 - " " 40° " " " " " " " " " "				
	20.0 - " " 40° " " " " " " " " " "				
	20.1 - " " 60° " " " " " " " " " "				
	20.5 - " " 15° " " " obliquely " " " "				
	20.8 - " " 65° " " " " " " " " " "				
	21.0 - " " 50° " " " at rt. angles " " " "				
	22.1 - " " 40° " " " obliquely " " " "				
	22.1 - " " 50° " " " at rt. angles " " " "				
	23.0 - 2 feet of broken core having many fracs most slicken. and py filled.				
	26.5 - frac par to C.A. py min.				
	30.0 - " " " C.A. " "				
	32.4 - " at 55° to C.A. slicken and py plated				
	33.0 - " " 25° " " " at rt. angles to frac.				
	37.0 - " par " " py min.				
	52.0 - " at 20° " " " "				
	53.2 - ground core over section of quartz poss 4" wide, one contact at 25° to C.A. Qtz frac and plated with py and with a silvery min poss Pb.				

DRILLED BY .....

SIGNED .....



PROPERTY .....

HOLE NUMBER ..... 4

SHEET NUMBER ..... TWO

SECTION FROM ..... TO .....

## DIAMOND DRILL RECORD

LOCATION: LAT. 1865 NORTH  
DEP. 80 EAST

ELEVATION OF COLLAR ..... 1015

DATUM .....

DIRECTION AT START: BEARING 075° magnetic  
DIP 055°

STARTED ..... January 12, 1952

COMPLETED ..... January 14, 1952

ULTIMATE DEPTH ..... 354

PROPOSED DEPTH ..... 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD §	SLUDGE GOLD §			
	54.0 - irreg. carb-py vein par C.A.							
	55.0 - 1/16" carb-py vein at 5° to C.A.							
64.5 - 130.6	Dark basaltic rock - partially amygdaloidal having a faint schistosity at 50° to C.A.							
	78.0 - 6" section of breccia carb filled.							
	80.5 - 6" " " " " " " "							
	87.0 - 1/8" qtz-carb vein at 10° to C.A. no vis. min.							
	100.4 - 1/8" " " " " 45° " " " " " "							
	100.5 - 1/16" " " " " 10° " " " " " "							
	103.4 - 1/8" " " " " 25° " " " " " "							
	106.2 - 1/4" " " " " 40° " " " " " "							
	111.2 - 1/8" " " " " 50° " " " " " "							
	115.4 - 1/16" " " " " 55° " " " " " "							
	115.9 - 1/16" " " " " 55° " " " " " "							
	124.0 - 1/8" " " " " 10° " " " " " "							
	127.8 - 1/16" " " " " 45° " " " " " "							
	128.0 - 1/8" " " " " " rt angles to above po min							
130.6 - 239.1	fine grained diabasic rock contact at 30° to C.A.							
	132.0 - 1/8" qtz-black tourm vein at 5° to C.A. min with xls py.							
	137.0 - 1/4" " " " " " 10° " " " " " " faulted							
	139.0 - dissem. py-po min.							
139.1 - 173.0	black basaltic rock min with lenses of massive py and po as follows. A fairly gritty rock which in places is highly chloritic, particularly as inclusions in py lenses.							
	139.1 - dissem. py-po as streaks at 35° to C.A. for 12 inches.							
	141.0 - 2" py at 60° to C.A.							
	141.6 - 6" py							
	142.1 - 1" py at 70° to C.A.							
	142.6 - 2" " " 60° " "							
	142.8 - 1/2" " " 80° " "							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 301 REV. 9/44

DRILLED BY .....

SIGNED .....

PROPERTY \_\_\_\_\_

HOLE NUMBER ..... 4 .....

SHEET NUMBER ..... three .....

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
143.1	8" py at 60° to C.A.							
144.0	1" " " 60° " "							
144.3	2" " " 60° " "							
144.7	1/2" " " 45° " "							
144.9	2" " " 45° " "							
145.1	10" py min.							
146.2	3/4" py min. at 45° to C.A.							
146.4	4.8 feet of dissem py and lesser po in streaks at 45° to C.A.							
151.6	2 1/2" py at 70° to C.A.							
151.9	1" " " 45° " "							
152.0	10" dissem py.							
153.1	2" py-po min at 40° to C.A. carb filled frac at rt. angles to lense.							
153.6	1/2" py " 45° " "							
153.8	2" " " 40° " " " " " " " " " " " "							
154.4	1" " " 60° " "							
155.2	1" " " 45° " "							
155.6	1" " " 45° " "							
155.9	8" " " 60° " "							
156.8	1 1/2" " " 60° " "							
157.7	1" " " 35° " "							
158.1	12" py-po min.							
159.1	1" py min at 60° to C.A.							
160.0	8" py-po min.							
160.9	carb vein as v shaped notch into core, the trough of which is filled with xls. of sph min.							
161.3	6" py-po min.							
162.1	1" py min at 45° to C.A.							
162.8	5" " " " 55° " "							
163.9	9" irreg py-po min.							
165.5	12" py-po min.							

PROPERTY \_\_\_\_\_

HOLE NUMBER 4

SHEET NUMBER four

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_

STARTED \_\_\_\_\_

DEF. \_\_\_\_\_

COMPLETED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DIP \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	166.9 - 6" py-po min.				
	167.9 - 2" py at 50° to C.A.				
	168.3 - 1" " " 45° " "				
	168.4 - 7" " Min.				
	171.5 - 1" py-po min at 45° to C.A.				
	172.0 - 1" " " " " 60° " "				
	172.5 - 18" section with irreg py-po min. first in lenses averaging $\frac{1}{8}$ " then narrower to seams all at 35° to C.A.				
173.0 - 190.5	Carbonatized and altered basalt. A light coloured alteration in thick streaks at 50° to C.A. These streaks of alteration have been frag. and irreg. min with xls py. along with disem po and lesser cpy.				
190.5 - 245.8	Massive tuff poorly banded at 50° to C.A. The first 10 feet are min as in prev. section and the balance has a general slight py-po min.				
	212.0 - 1" qtz. carb vein at rt. angles to banding no vis min.				
	213.3 - $\frac{1}{8}$ " " " " " " " " " " " "				
	215.5 - $\frac{1}{4}$ " " " " " " par " " " " " "				
	216.0 - $\frac{1}{2}$ " " " " " " par " " " " " "				
	231.0 - 12" section of breccia slight py-po min.				
	240.5 - 2 $\frac{1}{4}$ " carb veins at 40° to C.A. slight py min.				
	242.0 - 44" section of contorted tuff.				
245.8 - 257.5	BLACK very fine grained diabasic rock with very indefinite contacts.				
	249.0 - 1/16" qtz-carb vein at 40° to C.A. no vis min.				
257.5 - 354.0	Slightly carbonated massive tuff with some banding at 50° to C.A. There is a general brecciation. Very irreg. sul min. along core length mostly in discon short frags. Po min most common and py noted as core of po grain				
	276.0 - 6" section of slight py-po min.				
	283.8 - 1/16" carbchlorite vein at 10° to C.A. no vis min.				
	289.5 - $\frac{1}{4}$ " qtz-carb vein at 25° to C.A. slight po min.				
	354.0 - END OF HOLE				

PROPERTY \_\_\_\_\_

HOLE NUMBER 4

SHEET NUMBER five

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
DEP \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	<b>SAMPLES</b>						
	All AuAg	139.1 - 140.5 -----	31	1.4			
		141.0 - 146.0 -----	32	5.0			
		146.0 - 151.0 -----	33	5.0			
		151.0 - 156.0 -----	34	5.0			
		156.0 - 161.0 -----	35	5.0			
		161.0 - 166.0 -----	36	5.0			
		166.0 - 171.0 -----	37	5.0			
		171.0 - 174.0 -----	38	3.0			

DRIILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 5

SHEET NUMBER one

57839

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. 1745 NORTH  
 DEP. 260 WEST  
 ELEVATION OF COLLAR 1010  
 DATUM .....  
 DIRECTION AT START: BEARING 075° magnetic  
 DIP -45°

STARTED January 16, 1952  
 COMPLETED January 19, 1952  
 ULTIMATE DEPTH 300  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 9.0	Casing				
9.0 - 111.5	Fine grained diorite with short sections usually under one foot of coarser grained phases. The rock is somewhat altered, and in places particularly in the coarser grained sections, the mafic minerals have been completely altered - to biotite mica. The coarser grained sections also exhibit a minor schistose texture, usually at 50° to the C.A. There is an overall carbonatization, as well as a general brecciation.				
	9.0 - nine feet of badly broken core.				
	18.5 - 1/8" qtz carb vein at 30° to C.A. no vis min.				
	19.0 - 1/4" " " " " 30° " " " " "				
	19.4 - 2" of breccia.				
	20.1 - irreg qtz. carb min.				
	23.5 - 1/2" qtz carb vein at 35° to C.A. no vis min.				
	32.2 - irreg qtz carb min.				
	33.7 - 1/4" qtz.-carb vein at 50° to C.A. no vis min.				
	39.1 - 1/2" " " " " 15° " " slight po-cpy min.				
	47.2 - irreg. qtz carb min.				
	50.1 - 1/8" qtz. carb vein at 40° to C.A. no vis min.				
	55.0 - 6" section of breccia.				
	58.2 - 3/4" qtz carb vein at rt angles to C.A. slight po min.				
	59.0 - 1/8" " " " " 25° to C.A.				
	60.3 - 1/2" " " " " 35° " " no vis min.				
	73.0 - 1/4" " " " " 50° " " slight po-cpy min.				
	87.0 - 1/16" qtz " " 40° " " no vis min.				
	87.5 - 3 feet of broken core				
	97.8 - 1/16" qtz-carb vein at 15° to C.A. no vis min.				
	104.3 - irreg qtz-carb min.				
	105.0 - 1/8" qtz carb vein at 45° to C.A. no vis min.				

# DIAMOND DRILL RECORD

LOCATION: LAT.....  
 DEF.....  
 ELEVATION OF COLLAR.....  
 DATUM.....  
 DIRECTION AT START: BEARING.....  
 DIP.....

STARTED.....  
 COMPLETED.....  
 ULTIMATE DEPTH.....  
 PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
<del>105.8</del>	105.8 - 1/8" qtz. carb vein at 40° to C.A. slight po min.				
	107.3 - 1/8" " " " " 40° " " no vis. min.				
	108.5 - 1/8" " " " " 40° " " slight sph min.				
	109.5 - irreg qtz carb min.				
111.5 - 113.1	Lamprophyre (?) with contacts at 40° and 50° to C.A.				
113.1 - 151.0	Same as in section 9.0 to 111.5				
	114.2 - frac at 40° to C.A. min with carb-po-cpy.				
	116.0 - 6" qtz-carb vein at 40° to C.A. slight po min.				
	117.8 - 1/16" carb vein at 45° to C.A. no vis min.				
	118.2 - 1/4" qtz-carb vein at 35° to C.A. min with black tourmaline-po-cpy.				
	122.2 - 8" glassy milky frac qtz vein at 30° and 35° to C.A. no vis min.				
	127.8 - 1/8" qtz vein at 15° to C.A. min with black tourmaline-po-cpy.				
	130.2 - irreg. qtz. carb min.				
	133.0 - 1/8" qtz carb vein at 45° to C.A. no vis min.				
	140.5 - 1/8" " " " " " rt. angles to C.A. no vis min.				
	141.2 - irreg qtz-carb min.				
<del>151.0 - 203.7</del>	262.3 - Dissem xls in massive po of a silvery white mineral poss arsenopyrite				
151.0 - 203.7	Altered fine grained diorite with irreg short sections of med'um grained phases. These latter sections exhibit a faint schistosity at 50° to C.A. There are numerous discon frags, filled with carb and or quartz. The more definite ones are listed below.				
	163.0 - 1/8" carb vein at 25° to C.A. min with xls of cpy and po.				
	163.2 - 1/8" " " " " 30° " " " " " " " " " " " " " " " "				
	163.6 - 1/16" " " " " 35° " " " " " " " " " " " " " " " "				
	164.5 - 3" section of breccia filled with qtz-carb-py-po-cpy				
	170.0 - 3/8" vein at 25° to C.A. min with needle like xls of a lemon coloured glassy min as well as carb and xls po.				
	<del>170.0</del>				

PROPERTY .....

HOLE NUMBER 5SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT.....  
DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....  
DIP.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD S
<b>XX</b>	171.8 - 1/16" qtz carb vein at 35° to C.A. no vis min.				
	172.0 - 1/16" " " " " 55° " " " " "				
	173.2 - 1/8" " " " " 55° " " " " "				
	173.8 - 1/16" " " " " 55° " " " " "				
	182.0 - 1/8" " " " " 35° " " " " "				
	1 vein are flanked by 3/8" zones of a grey coloured alteration which extends for short distances along subsidiary frac at bear rt angles to the vein.				
	183.0 - 1/8" qtz-carb vein at 55° to C.A. no vis min.				
	190.0 - 3/8" qtz-black tourmaline vein at 10° to C.A. slight po-cpy min.				
	193.2 - 1/8" qtz-carb vein at 35° to C.A. no vis min.				
	194.0 - irreg qtz-carb vein				
	195.0 - " " " "				
	202.9 - 1/4" qtz vein at 30° to C.A. no vis min.				
203.7 - 226.4	Very highly altered diorite having remnants of coarser grained phases as in prev. section, the mafic minerals now hazy black specks and some apparently altered to biotite mica. There is a general qtz-carb filled brecciation, the most prominent frac oriented at 45° to C.A. This rock grades into a type which starts at 223.0 and which is almost totally altered and exhibits a gneissic texture at 40° to C.A. Slight sulphide mineralization noted at 223.0 and the amount increases progressively. The principal sulphide mineral is po which occurs as grains and appears to be a replacement, possibly of the mafic minerals in the original dioritic rock. These po grains are oriented at 40° to C.A. and make up part of the gneissic texture already mentioned.				
	223.0 - 3.4 foot section of <u>dism po.</u>				
	223.8 - 1/2" breccia at 45° to C.A.				
	224.0 - frac at rt angles to gneissic texture py plated.				
	224.6 - " oblique to gneissic texture py plated and slickensided.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV. 9/44

DRILLED BY .....

SIGNED.....

PROPERTY .....

HOLE NUMBER ..... 5 .....

SHEET NUMBER ..... four .....

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT .....  
 DEP. ....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD S		
226.4 - 239.3	Very highly altered grey coloured rock tentatively called an acid tuff. It is slightly carbonated and has a general brecciation. There is a regular po mineralization, usually in streaks par the contorted or banded structure of the rock.						
	226.4 - 1.3 feet of contorted tuff.						
	228.0 - banding at 45° to C.A.						
	228.8 - slight disem of sph as grains par the banding.						
	230.1 - banding at 50° to C.A.						
	230.1 - 1/16" frac at rt. angles to banding min with carb-po-cpy and slight sph. Subsiduary frac, apparently of the same age follows the banding in one direction from the above frac and is min like it						
	230.6 - same as above						
	233.0 - slight cpy min.						
	235.5 - cpy-po-sph min in 1/8" frac at rt. angles to banding.						
	235.6 - 1.0 foot section of disem sph as grains par the banding.						
	237.3 - frac min with po-cpy at rt. angles to banding.						
	237.5 - 3/16" frac min with cpy-po-sph at rt. angles to banding. Some sph in fracs par the banding.						
	238.0 - slight sph min in 2" frac par C.A.						
	238.5 - 1/8" frac min with cpy-po and slight sph at rt. angles to banding.						
	239.0 - " " " " " " " " " " " "						
239.3 - 250.3	Black well banded basaltic rock. General fair py-po min in streaks par the banding.						
	239.4 - frac at rt. angles to banding min with cpy-po and slight sph.						
	239.5 - slight disem sph.						
	239.6 - banding at 50° to C.A.						
	240.5 - slight disem sph par the banding						
	240.6 - frac at 30° to C.A. py plated.						
	241.5 - 1/8" frac at rt angles to banding min with po-sph.						
	242.5 - slight disem sph par banding.						
	243.1 - frac at rt. angles to banding min with po-cpy.						



PROPERTY \_\_\_\_\_

HOLE NUMBER 5

SHEET NUMBER five

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	244.1 - slight sph min in narrow short frac par C.A.				
	245.1 - 1/4" qtz carb vein at 50° to C.A. Min with xls py-sph-po.				
	245.7 - 3/16" carb vein at rt. angles to banding min with po-sph-cpy.				
	246.5 - frac at rt. angles to banding min with cpy-po.				
	247.0 - disem sph in grains par banding.				
	248.4 - " " " " " "				
	248.8 - 6" section of slight disem sph and cpy.				
	250.2 - disem grains sph and cpy.				
	250.5 - banding at 60° to C.A.				
250.3 - 277.5	same rock as in section 226.4 - 239.3				
	251.5 - 1/8" carb vein at rt. angles to banding slight po-cpy-min				
	256.0 - 1/4" qtz-carb " " " " " " " " " "				
	256.2 - 1/16" frac " " " " " " po filled				
	257.4 - 1/8" " " " " " " carb-po filled.				
	258.1 disem sph as grains par banding.				
	259.4 " " " " " " "				
	260.0 - " " " " " " "				
	260.5 - 1/8" frac at rt. angles to banding min with po-cpy-sph.				
	260.8 - 3.7 foot section min with fair po and with sph and cpy as follows.				
	260.9 - disem sph				
	261.5 - disem sph xls some 1/16" in diameter.				
	262.0 - frac at rt. angles to banding min with po-sph.				
	262.5 - slight disem sph-cpy for 6".				
	263.2 - disem sph.				
	263.6 - disem sph.				
	264.0 - ? - 1/16" frac min with cpy-sph at rt. angles to banding.				
	265.3 - disem. sph and cpy for 6".				
	268.8 - 1/16" qtz vein at par banding min with po-cpy.				
	269.1 - 4 - 1/8" qtz veins two par and two at rt. angles to banding.				
	Slight po-cpy min.				

PROPERTY \_\_\_\_\_

HOLE NUMBER ..... 5 .....

SHEET NUMBER ..... six .....

SECTION FROM ..... TO .....

# LAMOND DRILL RECORD

LOCATION: LAT.....  
 DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....  
 DIP.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
17	276.2 - 1/4" carb vein at 55° to C.A.				
226.5 - 288.8	Carbonated arkosic tuff.				
	277.5 - 2.8 foot section of massive unbanded tuff. Very slight po min.				
	280.4 - 1/2" qtz vein at 10° to C.A. slight po min.				
	280.9 - 6" section of general po and slight cpy min.				
	281.3 - 1" qtz carb vein at 70° to C.A. slight po-sph min.				
	281.8 - 1 foot section of fair po and slight cpy min.				
	282.9 - 1" qtz vein at rt angles to C.A. frac and po-sph min.				
	283.4 - 2.1 foot section of heavy po min with little sph and slight cpy.				
	285.5 - 3.3 foot section of massive tuff with irreg. qtz min and scattered isolated xls of po-cpy-sph.				
288.8 - 300.0	Black basaltic rock short section (under 1") of which have been highly altered. Minor schistose structure at 50° to C.A.				
	299.7 - 1/2" qtz carb vein at 85° to C.A. po min.				
	300.0 - END OF HOLE.				
	SAMPLES -----				
	AuAg 226.4 - 231.4	39	5.0		
	AuAg 231.4 - 235.5	40	4.1		
	AuAgZn 235.5 - 236.6	41	1.1		
	AuAg 236.6 - 237.5	42	.9		
	AuAgAnCu 237.5 - 239.3	43	1.8		
	AuAg 239.3 - 244.3	44	5.0		
	AuAg 244.3 - 249.3	45	5.0		
	AuAg 255.4 - 260.4	46	5.0		
	AuAgZn 260.4 - 264.4	47	4.0		
	AuAg 264.4 - 265.8	48	1.4		
	AuAg 280.1 - 283.4	49	3.3		
	AuAgZn 283.4 - 285.5	50	2.1		
	AuAg 285.5 - 288.8	51	3.3		

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 6

SHEET NUMBER ONE

SECTION FROM ..... TO .....

57839

# DIAMOND DRILL RECORD

LOCATION: LAT. 1440 NORTH  
 DEP. 155 WEST

ELEVATION OF COLLAR 1007

DATUM .....

DIRECTION AT START: BEARING 064° magnetic  
 DIP -45°

STARTED January 20th, 1952

COMPLETED January 22nd, 1952

ULTIMATE DEPTH 353

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 6.0	Casing				
6.0 - 153.0	Fine grained diorite with short sections usually under one foot of coarser grained phases. The rock is somewhat altered, and in a number of places, particularly in the coarser grained sections, some of the mafic minerals have been completely altered - to biotite mica. The coarser grained sections also exhibit a minor schistose texture, usually at 45° to 50° to the C.A. The rock is slightly carbonated, and there are numerous poorly defined fracs, which are carb filled, or filled with some alteration product of the original diorite. Some of the better developed veining, as well as the more intense brecciation, are noted b. low.				
	6.1 - 1.0 foot of irreg qtz carb veining.				
	13.3 - 1/4" qtz-carb vein at 75° to C.A. no vis min.				
	14.5 - 6" breccia.				
	16.1 - 1/4" qtz-carb vein at 25° to C.A. slight po min.				
	22.0 - 1.0 foot breccia				
	24.8 - irreg qtz-carb min.				
	28.8 - 5" qtz-carb vein at 70° to C.A. slight po min.				
	38.0 - irreg qtz-carb min.				
	42.0 - 2" breccia.				
	46.0 - 1/4" qtz-carb vein at rt. angles to C.A. no vis min.				
	59.5 - 4" " " " " 65° " " slight po-copy min.				
	64.3 - 1" " " " " rt. angles " " no vis min.				
	69.0 - 1.0 foot breccia				
	74.3 - irreg qtz carb min.				
	75.0 - 1.0 foot breccia				
	78.3 - 1/2" qtz carb vein at 20° to C.A. no vis min.				
	79.9 - 3/8" " " " " 45° " " slight po min.				
	88.0 - 1/2" " " " " 55° " " no vis min.				
	94.5 - irreg qtz-carb min.				
	102.0 - 3/8" qtz carb vein at 30° to C.A. having a limb extending in one direction of dip of vein material. no vis. min.				

NORTHERN MINER PRESS LIMITED, TORONTO, CANADA

DRILLED BY .....

SIGNED .....

PROPERTY \_\_\_\_\_

HOLE NUMBER 6SHEET NUMBER 120

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

## DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
<del>XXXXX</del>	114.5 - 1/2" qtz-carb vein at 20° to C.A. no vis min.				
	125.0 - 5/8" " " " 25° " " slight po-cpy min.				
	125.3 - irreg qtz-carb min.				
	126.0 - 1/8" qtz-carb vein at 10° to C.A. slight po-cpy min.				
	127.5 - irreg qtz-carb min.				
	129.0 - " " " "				
	129.5 - 1/4" qtz-carb vein at 15° to C.A. slight po min. Breccia frag.				
	130.3 - 3/4" " " " " 35° " " " " "				
	132.3 - irreg qtz-carb min.				
	135.2 - 1/8" qtz-carb vein at 40° to C.A. Slight po-cpy min.				
	137.8 - 2.0 feet of irreg qtz-carb min.				
153.0 - 165.0	Very highly altered diorite, some of the mafic minerals being replaced with grains of po. There is a general carb-filled brecciation.				
165.0 - 167.9	Lamprophyre (?) general slight dissemination of po xls.				
167.9 - 171.6	Acid tuff (?) with contorted banding and a general fair po mineralization. Few xls of cpy noted to partly replace grains of po.				
171.6 - 175.0	Lamprophyre (?) with fair po mineralization. Scattered xls of sph and cpy noted, to be partly replacing grains of po.				
175.0 - 207.0	Acid tuff (?) with a fair overall po mineralization along with sph and cpy mineralization as noted below. There is a general irregular banding and the various attitudes to the C.A. are noted below.				
	175.0 - contorted banding.				
	176.8 - 1.2 feet of disem sph min as grains partially replacing po.				
	178.0 - 5.0 - feet of disem sph as above.				
	178.0 - banding at 60° to C.A.				
	180.5 - frac par banding min with cpy-sph				
	183.0 - 1.0 feet of disem sph.				
	185.5 - disem sph.				
	185.7 - " "				
	185.9 - " "				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 9/44

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY \_\_\_\_\_

HOLE NUMBER 56SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	186.0 - 1.0 feet frac par C.A. min with po-cpy						
	188.0 - 1.0 foot frac par C.A. min with po-cpy						
	188.6 - 1.2 foot of disem sph.						
	190.0 - frac at rt. angles to banding min with cpy.						
	191.1 - disem sph-cpy.						
	195.0 - banding at 40° to C.A.						
	198.0 - banding at 25° to C.A.						
	195.4 - 2.7 feet of irreg. cpy min in frac.						
	199.0 - banding at 35° to C.A.						
	199.2 - 1.8 feet of disem sph.						
	200.8 - 2 short cpy filled frac par C.A.						
	201.2 - disem cpy.						
	202.0 - banding at 30° to C.A.						
	203.3 - disem sph.						
	203.8 - " "						
	204.8 - 3.0 feet of disem sph.						
207.0 - 281.7	sheared black basaltic rock having fair po and po-py min in lenses and as disseminations par the shearing as noted below.						
	207.0 - frac at rt. angles to shearing min with cpy.						
	207.0 - shearing at 30° to C.A.						
	207.8 - 3.7 feet of disem sph.						
	209.2 - disem cpy.						
	209.2 - contorted shearing.						
	209.6 - cpy min in short frac par C.A.						
	211.5 - 9.5 feet of disem sph.						
	212.0 - contorted shearing, but which is par the C.A. over short lengths.						
	215.0 - 3.1 feet of cpy min in short frac par the C.A.						
	219.0 - 2* of very heavy po min.						
	220.5 - disem sph.						
	221.0 - shearing at 35° to C.A.						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV. 9/44

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY \_\_\_\_\_

HOLE NUMBER 6

SHEET NUMBER four

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
221.2	- cpy filled frac par shearing.							
223.0	- disem sph.							
224.8	- 1/8" frac at rt. angles to shearing min with po-cpy							
228.1	- 1/8" carb vein at rt. angles to shearing min with po-cpy.							
229.2	- 3.3 feet of disem sph; and cpy min in short fracs par C.A.							
233.5	- 1.5 feet of heavy po min having few xls sph and cpy.							
237.1	- 1.6 feet of disem sph.							
239.7	- 1/8" seam cpy at rt. angles to shearing.							
240.5	- disem sph min.							
241.0	- disem sph-cpy							
242.0	- disem sph.							
242.6	- disem sph.							
243.5	- disem sph.							
244.0	- 5.0 feet of disem sph.							
247.5	- 1/2" qtz vein par shearing min with po.							
249.0	- 2.2 feet of disem sph.							
254.0	- shearing at 50° to C.A.							
258.0	- 1.1 feet of lighty disem sph.							
260.1	- 1/8" frac at rt. angles to shearing min with po-sph.							
264.5	- disem sph.							
265.5	- 1/8" frac at rt. angles to shearing min with po-sph.							
266.5	- disem sph.							
266.8	massive cpy in small v shaped notch in core.							
268.8	- 1.1 feet of disem sph.							
272.0	- 1.6 feet of disem sph.							
276.9	- 1/4" po-carb sph filled frac at rt. angles to shearing.							
278.0	- disem sph.							
279.0	- shearing at 55° to C.A.							
280.3	- disem sph.							
281.2	- disem sph.							

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY .....

HOLE NUMBER ..... 6 .....

SHEET NUMBER ..... five .....

SECTION FROM ..... TO .....

## DIAMOND DRILL RECORD

LOCATION: LAT.....  
DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....  
DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %			
281.7 - 308.2	Acid tuff (?) There is only the odd po grain in the first 6.3 feet of this rock, whence a general po mineralization is noted which over short lengths is very heavy as noted below. The rock in the very lightly mineralized first section is hard-compact almost porcelain like, and well banded as noted below. It has poorly defined contacts with the rocks that flank it.							
	282.0 - banding at 50° to C.A.							
	282.5 - fair disem sph min over 1" as streaks par the banding.							
	283.8 - disem cpy.							
	285.0 - banding at 45° to C.A.							
	286.0 - 1/8" carb vein at rt. angles to banding po min.							
	286.7 - disem sph.							
	287.1 - " "							
	288.0 - banding at 50° to C.A.							
	289.0 - banding at 45° to C.A.							
	293.0 - " " 60° " "							
	298.0 - " " 50° " "							
	298.0 - .8 feet of disem po.							
	298.8 - 1.0 feet of heavy po min.							
	299.8 - 8.3 feet of fair po min, and disem sph min, both as grains par the banding, and as noted below.							
	300.9 - banding at 60° to C.A.							
	303.0 - banding at 50° to C.A.							
	303.3 - 1/8" vein at rt. angles to banding min with sph-carb.							
	305.1 - slight disem sph.							
	306.5 - 1.0 feet massive po.							
	307.7 - short frags par C.A. min with po-cpy-sph							
	308.0 - 1/8" carb vein par banding min with po.							
308.0 - 325.1	Highly altered diorite, in which the mafic minerals appear as hazy specks. These specks are somewhat elongated and are arranged in poor bands at 50°							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 8/44

DRILLED BY .....

SIGNED.....

PROPERTY \_\_\_\_\_

HOLE NUMBER 6SHEET NUMBER six

## DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	to C.A. Occasional grains of po are noted to be also so arranged. The major po mineralization is in lenses and seams as follows.				
	309.7 - $\frac{1}{2}$ " po seam at 50° to C.A.				
	311.0 - 1" po filled breccia.				
	312.0 - $\frac{1}{4}$ " po seam at 45° to C.A.				
	312.7 - irreg 1/2" seam po.				
	314.0 - frac at 25° to C.A. min with po-cpy.				
	315.0 - one foot of irreg. qtz-carb-po min with slight cpy.				
325.1 - 353.0	Fine grained altered diabase.				
	333.1 - $\frac{1}{2}$ " vein at 60° to C.A. min with po-carb.				
	334.0 - 3" carb filled breccia.				
	346.0 - $\frac{1}{2}$ " vein at 35° to C.A. filled with breccia fragments and carb.				
	353.0 - END OF HOLE.				
	SAMPLES				
	167.9 - 171.6 AuAg	55	3.7		
	171.6 - 176.8 AuAg	56	5.2		
	176.8 - 178.0 AuAgZn	57	1.2		
	178.0 - 183.0 AuAgZn	52	5.0		
	183.0 - 184.0 AuAgZn	53	1.0		
	188.6 - 189.8 AuAgZn	54	1.2		
	184.0 - 188.6 AuAg	58	4.6		
	189.8 - 193.9 AuAg	59	3.2		
	193.0 - 195.4 AuAg	60	2.4		
	195.4 - 198.1 AuAgCu	61	2.7		
	198.1 - 199.2 AuAg	62	1.1		
	199.2 - 201.0 AuAgZn	63	1.8		
	201.0 - 204.8 AuAg	64	3.8		
	204.8 - 207.8 AuAgZn	65	3.0		

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV. 8/44

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_



PROPERTY \_\_\_\_\_

HOLE NUMBER 6SHEET NUMBER 80702**DIAMOND DRILL RECORD**

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
DEP \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %			
SAMPLES Continued								
	207.8 - 211.5	AuAgZn	66	3.7				
	211.5 - 215.0	AuAgZn	67	3.5				
	215.0 - 218.1	AuAgCu	68	3.1				
	218.1 - 223.0	AuAg	69	4.9				
	223.0 - 227.0	AuAg	70	4.0				
	227.0 - 229.2	AuAg	71	2.2				
	229.2 - 232.5	AuAgCuZn	72	3.3				
	232.5 - 237.1	AuAg	73	4.6				
	237.1 - 238.7	AuAgZn	74	1.6				
	238.7 - 244.0	AuAg	75	5.3				
	244.0 - 249.0	AuAgZn	76	5.0				
	249.0 - 251.2	AuAgZn	77	2.2				
	251.2 - 253.0	AuAg	78	1.8				
	253.0 - 258.0	AuAgZn	79	5.0				
	258.0 - 259.1	AuAgZn	80	1.1				
	259.1 - 264.1	AuAg	81	5.0				
	264.1 - 268.8	AuAg	82	4.7				
	268.8 - 269.9	AuAgZn	83	1.1				
	269.9 - 272.0	AuAg	84	2.1				
	272.0 - 273.6	AuAgZn	85	1.6				
	273.6 - 277.6	AuAg	86	4.0				
	277.6 - 281.6	AuAg	87	4.0				
	298.0 - 299.8	AuAg	88	1.8				
	299.8 - 304.1	AuAgZn	89	4.3				
	304.1 - 308.1	AuAgZnNi	90	4.0				

# DIAMOND DRILL RECORD

57716

LOCATION: LAT. 1425 north  
 DEP. 60 west  
 ELEVATION OF COLLAR 1045  
 DATUM .....  
 DIRECTION AT START: BEARING 064° magnetic  
 DIP -65°

STARTED January 24, 1952  
 COMPLETED January 27, 1952  
 ULTIMATE DEPTH 183  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD †
0 - 5.0	casing				
5.0 - 34.0	medium to very fine grained diorite (altered). The coarser grained sections exhibit the greater alteration; the dark minerals are rather hazy in outline and in places have been completely altered to biotite mica. The rock is slightly carbonated and there is a general irregular fracturing which is carb filled, or filled with some alteration product of the original diorite. There is a slight schistose texture, usually at 50° to the C.A. variations away from this angle, as well as the major filled fracturing, are noted below.				
	6.7 - 1" shear at 25° to C.A.				
	8.0 - frac at 65° to C.A. filled with carb-po				
	8.8 - 1/16" carb vein at 45° to C.A. no vis min.				
	9.2 - 1/16" carb vein at 45° to C.A. no vis min.				
	11.0 - 1" shear at 20° to C.A.				
	17.1 - 1 1/8" qtz vein at 55° to C.A. heavily min with needle like xls of an unidentified green-brown mineral (poss epidote)				
	21.0 - irreg frac with slight po-cpy min.				
	23.8 - 1/8" vein at 65° to C.A. min with qtz and poss. epidote.				
	24.1 - 1/8" " " 45° " " " " " " " " " "				
	24.5 - 1/8" " " 35° " " " " " " " " " "				
	26.4 - 1 1/8" vein at 50° to C.A. min as above				
	30.5 - irreg frac min as above				
	33.1 - 1/16" qtz vein at 40° to C.A. slight po min.				
34.0 - 83.0b	Carbonated and very highly altered diorite. There is a strong fracture pattern which is carb filled. This carb filled fracture pattern has been refrac and min as follows.				
	36.1 - 1/8" carb filled frac at 80° to C.A. no vis min.				
	37.7 - 1/8" " " " " 55° " " slight po min.				
	44.0 - 1/8" " " " " 30° " " no vis min.				
	48.5 - 1.5 feet of badly broken core.				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 7

SHEET NUMBER two

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT .....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
50.8 -	<del>1/8" carb filled frac at 15° to C.A. no vis min. Numerous minute to 1/8" fracs with this attitude and content are noted in the next 14.2 Ft.</del>				
56.0 -	1.0 feet of irreg carb veining				
58.8 -	<del>3/8" carb filled frac at 45° to C.A. no vis min.</del>				
61.0 -	<del>1/4" " " " " 35° " " " " "</del>				
62.3 -	<del>1/4" " " " " 30° " " " " "</del>				
76.8 -	<del>2.0 feet of very highly altered fractured diorite with scattered grains po min and irreg carb min.</del>				
78.8 -	4.2 feet of altered diorite min with grains po no carb filled fracs				
80.2 -	<del>3/8" qtz vein at 15° to C.A. no vis min.</del>				
82.8 - 105.0	Acid tuff (?) Very highly fractured and mineralized as follows.				
82.8 -	major fracs at 30° to C.A. Fair py-po min in lenses par this frac.				
83.2 -	<del>three short fracs at rt. angles to banding min with carb-cpy-po</del>				
86.5 -	few xls sph.				
87.1 -	3.2 feet of massive py min with scattered grains po.				
89.5 -	<del>evidence of banding at 15° to C.A. Minor spa min in short fracs at rt. angles to banding.</del>				
90.3 -	po filled fracs in banding at 35° to C.A.				
92.4 -	5" of massive po.				
92.8 -	2.2 feet of contorted rock min with lenses of py and po which have wall rock inclusions. Py lenses have been subjected to some minor displacement.				
95.0 -	5.0 feet of rock having fair po min along with finely disse sph in streaks par the banding at 25° to C.A.				
96.0 -	frac at rt. angles to banding min with carb-po-cpy.				
97.9 -	" " " " " " " " " po -"cpy.				
100.0 -	5.0 feet of rock having very light sph min.				
101.9 -	3/16" carb filled frac at 30° to C.A.				
103.4 -	frac at rt. angles to banding min with carb-cpy.				

PROPERTY NOR METAL MINES LIMITED

HOLE NUMBER 7

SHEET NUMBER three

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
105.0 - 110.5	Black basaltic rock sheared at 25° to 30° to C.A. Light po min in streaks par the banding.							
	105.5 - slight cpy min.							
	105.6 - slight sph min							
	108.0 - slight sph min.							
	109.5 - 1/8" frac par shearing min with po-carb-py-cpy.							
	109.6 - slight sph min.							
	110.0 - .5 feet of fair sph min along with slight cpy. In massive po which has wall rock inclusions.							
110.5 - 112.1	Acid tuff (?) Abrupt contact with prev se' lion at 55° to C.A. Fair sph min along this contact. The other contact has been ground. Rock is poorly banded at 45° to C.A. and contains scattered grains of po min.							
112.1 - 121.5	sheared black basaltic rock with slight po min in lenses par the shearing at 45° to C.A.							
	113.5 - slight cpy min.							
	114.8 - " sph min.							
	115.1 - 1/8" carb-cpy vein at rt. angles to shearing. This vein is cut by a later fracture which parallels the C.A. and is carb filled.							
	116.5 - 1/4" carb-po-cpy filled frac at rt. angles to shearing.							
	117.8 - 3" of fair po min.							
	118.0 - short cpy filled fracs at rt. angles to shearing.							
	120.0 - slight cpy-sph min.							
	120.6 - 1.1 feet of lightly disem sph min.							
121.5 - 240.7	Acid tuff (?) With very light po min in di' m grains paralleling the banding.							
	122.0 - banding at 40° to C.A.							
	123.3 - slight sph min.							
	224.0 - " " "							
	127.0 - banding at 35° to C.A.							
	144.0 - 1" of fair sph min in streaks par the banding.							

DRILLED BY .....

SIGNED .....

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 7

SHEET NUMBER four

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
150.0 - 3.8	feet of lightly disem sph min in streaks par the banding which varies from 40° to 50° to C.A.				
150.6	- cpy filled frac at rt. angled to banding.				
151.1	- irreg cpy min.				
153.0	- " " "				
154.4	- " " "				
155.3 - 3.2	feet of lightly disem sph min in streaks which par the banding at 30° to C.A.				
157.2	- carb-cpy frac at rt. angles to banding.				
160.8	- slight cpy min.				
161.1	- " " "				
161.1 - 4.4	feet of lightly disem sph.				
161.3	- banding almost par C.A. in next 6.0 feet, or is at a very small angle to it. Numerous faults noted causing minor displacement at rt. angles to banding.				
166.5	- slight sph min.				
171.5	- " cpy "				
180.0	- banding at 30° to C.A.				
182.3	- slight sph min.				
185.0	- banding at 20° to C.A.				
192.9	- 4.2 feet of lightly disem.sph.				
195.4	- 1/4" carb cpy filled frac at rt. angles to banding.				
197.1	- 2.3 feet of very light sph min.				
200.0	- banding at 20° to C.A. and faulted at rt. angles to it.				
200.5	- slight sph min.				
201.1	- " " "				
216.5	- 1/2" carb vein par banding no vis min.				
221.5	- irreg carb min.				
238.0	- slight sph min.				
240.6	- 2.5 feet of fair po min along with light sph min.				

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 87

SHEET NUMBER five

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT.....  
 DEP.....

STARTED .....

ELEVATION OF COLLAR.....

COMPLETED.....

DATUM.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....  
 DIP.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
240.7 - 251.0	Very highly altered basic rock poss a basalt in origin. Soft and chloritic and having a light sulphide mineralization in irregular lenses and masses.				
241.8 - 3"	massive py with silicified pebble like inclusions.				
242.1 - 5"	" " " " " " " "				
244.9 -	slight cpy min.				
245.8 -	irreg. carb-chlorite min.				
246.2 -	poss rrmnants of some carb filled amygdules.				
248.2 -	slight cpy min.				
249.0 -	slight cpy min.				
251.0 - 332.0	Same rock as in prev section not as highly altered and having sections usually under 3" of carb filled amygdules. Very light po min.				
255.0 -	4.0 feet of light po-py min.				
266.8 -	1/8" qtz-carb vein at 30° to C.A. no vis min.				
276.0 -	irreg po min.				
281.5 -	1/8" qtz-carb vein at 25° to C.A. no vis min.				
283.4 -	irreg po min with trace cpy.				
284.0 -	1/8" qtz-carb vein at 25° to C.A. po min.				
285.5 -	1/8" " " " 25° " " " "				
287.0 -	<del>XXXXXX</del> irreg. po min <del>XXXXXXXXXX</del>				
292.8 -	" " " "				
297.0 -	2.8 feet of light po min in streaks par minor shearin. at 40° to C.A. slight cpy min noted.				
306.9 -	irreg po min with trace cpy.				
308.5 -	" " "				
312.5 -	" " "				
321.0 -	irreg po-cpy min.				
332.0 -	END OF HOLE.				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 7

SHEET NUMBER six

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAY .....  
 DEP. ....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
<u>SAMPLES</u>					
82.8 - 87.1	AuAg	91	4.3		
87.1 - 90.3	AuAg	92	3.2		
90.3 - 95.0	AuAg	93	4.7		
95.0 - 100.0	AuAgZn	94	5.0		
100.0 - 105.0	AuAgZn	95	5.0		
105.0 - 110.0	AuAg	96	5.0		
110.0 - 110.5	AuAgZn	97	5		
110.5 - 115.6	AuAg	98	5.1		
115.6 - 117.3	AuAgZn	99	1.7		
117.3 - 120.6	AuAg	100	3.3		
120.6 - 121.7	AuAgZn	101	1.1		
121.7 - 126.7	AuAg	102	5.0		
150.0 - 153.8	AuAgZn	103	3.8		
150.8 - 155.3	AuAg	104	1.5		
155.3 - 158.5	AuAgZn	105	3.2		
158.5 - 161.1	AuAg	106	2.6		
161.1 - 165.5	AuAgZn	107	4.4		
192.9 - 197.1	AuAgZn	108	4.2		
197.1 - 199.4	AuAgZn	109	2.3		
240.6 - 243.1	AuAgZn	110	2.5		
243.1 - 248.1	AuAg	111	5.0		
248.1 - 251.0	AuAg	112	2.9		
297.0 - 300.2	AuAg	113	3.2		

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HOLE NUMBER ..... 7

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT ..... 11.25 NORTH  
 DEP. .... 60 WEST  
 ELEVATION OF COLLAR ..... 1015  
 DATUM .....

DIRECTION AT START: BEARING ..... 064° magnetic  
 DIP ..... -65°

STARTED ..... January 24, 1952.  
 COMPLETED ..... January 27, 1952.  
 ULTIMATE DEPTH ..... 332  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 5.0	Casing				
5.0 - 39.8	Andesite (1).				
39.8 - 96.7	Meta-andesite (1). The rock is highly carbonated at first grading into a highly siliceous phase at the contact at 96.7 feet.				
96.7 - 105.0	Melanocratic acid tuff. Contact with previous section is ground.				
105.0 - 110.5	Melanocratic graphitic tuff. Bedded from 25° to 30° to the core axis.				
110.5 - 112.1	Felsite (?) Contacts at 55° and 45° to the core axis.				
112.1 - 121.5	Melanocratic graphitic tuff. Bedded at 45° to the core axis.				
121.5 - 150.0	Leucocratic acid tuff. Bedded at 40° to the core axis.				
150.0 - 165.6	Melanocratic acid tuff. Bedding contorted.				
165.6 - 240.7	Leucocratic acid tuff. Bedding from 30° to 20° to the core axis.				
240.7 - 251.0	Meta-basalt.				
251.0 - 332.0	Basalt.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV. 9/44

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 8

SHEET NUMBER one

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

57706

# DIAMOND DRILL RECORD

LOCATION: LAT. 1180 NORTH  
 DEP. 220 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING 252° magnetic  
 DIP 250°

STARTED January 29, 1952  
 COMPLETED January 30, 1952  
 ULTIMATE DEPTH 183  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 15.0	Casing				
15.0 - 73.0	Amygdaloidal lava. A basaltic rock with irregular scattered carbonate filled amygdules. It exhibits slightly varying degrees of alteration, and in places there is a faint schistose structure at from 40° to 50° to the C.A. 25.0 - cpy-sph min in irreg frags. 29.0 - poss flow contact at 30° to C.A. 46.9 - irreg py min. 62.0 - 4" flow of a slightly different rock with contacts at 65° to 70° to C.A. 64.4 - 2" of a grey siliceous rock apparently altered lava, since the coloration is confined or flanks a qtz. filled frac which trends at 65° to C.A.				
73.0 - 135.0	Adesite. With a suggestion of there having been a pillowed structure intersected in places. 75.6 - 1/8" qtz vein at 70° to C.A. min with slight po and flanked with 1/2" zones of a grey alteration. 76.2 - same as above. 77.0 - irreg carb min 77.2 - slight cpy min in irreg frags. 82.3 - 1/16" qtz vein at 30° to C.A. flanked with 1/2" zones of alteration. 92.1 - 1/16" " " " 60° " " " " " " " " " " " " 96.4 - 1/4" carb vein at 20° to C.A. no vis min. 103.6 - 1/4" qtz-chlorite vein at 45° to C.A. slight po min. 102.0 - 1/4" " " " " 30° " " " " " " " " " " 116.3 - irreg po min with trace cpy. 119.0 - irreg po-py min. 127.0 - 1/4" carb-po vein at 20° to C.A.				
130	130.6 - irreg py min. 133.4 - 1.6 feet of irreg po-py min. The rock over this length is very irreg. and mixed up there being a very narrow lense of tuff in it. Apparently flow contact material with the suggestion here of westerly facing flows.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 301 REV. 9/44 The core is ground and badly broken up.

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 8

SHEET NUMBER two

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
135.0 - 150.7	Acid tuff with banding from 30° to 55° to C.A. Light to fair py min with a general trace cpy min. First contact ground and the contact with the next section is at 55° to the C.A.				
	135.8 - slight dissem cpy-sph min.				
	138.5 - 2.2 feet of lightly disseminated sph with trace cpy.				
	140.2 - 3" carb vein at 45° to C.A. min with slight sph.				
	142.2 - 1" carb vein at 45° to C.A. <del>min with</del> no vis min.				
	142.6 - 1" carb vein at 55° to C.A. with chlorite filled fracs.				
150.7 - 183.0	146.6 - 3" intermediate dyke at 65° to C.A. min 40° po.				
	Diabase (?) very fine grained at contact, increasing in grain to regular uniform medium grain.				
	152.6 - 1/4" qtz-chlorite vein at 25° to C.A. slight po min.				
	153.0 - 1/4" " " " " 25° " " " " "				
	154.5 - 1/8" " " " " 40° " " no vis min.				
	163.5 - 1/2" qtz-epidote (?) vein at 40° to C.A. slight py-po-cpy min.				
	165.7 - 1" " " " " 30° " " slight po min.				
	170.5 - 1/8" qtz vein at 30° to C.A. slight po min.				
	185.7 - 1/2" " " " " 35° " " no vis min.				
	183.0 - END OF HOLE.				
	SAMPLES				
	133.9 - 138.5 AuAg	114	4.6		
	138.5 - 140.7 AuAgZn	115	2.2		
	140.7 - 145.7 AuAg	116	5.0		
	145.7 - 150.7 AuAg	117	5.0		

PROPERTY TAB METAL MINES LIMITED

HOLE NUMBER 9

SHEET NUMBER one

SECTION FROM ..... TO .....

57706

# DIAMOND DRILL RECORD

LOCATION: LAT. 1180 NORTH  
 DEP. 225 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM .....

DIRECTION AT START: BEARING 072° magnetic  
 DIP -57°

STARTED January 31st, 1952.  
 COMPLETED February 2nd, 1952.  
 ULTIMATE DEPTH 200  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0 - 12.0	Casing				
12.0 - 68.7	Amygdalesoidal lava. Andesitic in composition and tending to the basaltic. Cut by numerous fractures the major ones trending at 50°, 35° and 25° to the C.A. These are mostly dry but many show movement, and a few are pyrite plated.				
	20.0 - 1.5 feet of poss flow contact material.				
	25.8 - 1/8" carb vein at 25° to C.A. slight po-py-cpy min				
	44.7 - 1/4" qtz carb vein at 30° to C.A. slight po min.				
	45.5 - 1/8" " " " " 40° " " light po min. with a few xls sph.				
	46.5 - There is an irregular sulphide mineralization here and at 54.5 at what appear to be flow contacts. The suggestion here is of easterly facing flow tops. The sulphide mineralization is greater at 54.5, although the amounts and types of sulphide minerals are proportionately the same in both places. The mineralized zones measure 6" and 1' respectively. Pyrite predominates with secondary pyrrhotite. There are scattered xls of sph and cpy, these principally in poorly defined carb filled fractures. The strongest of which is parallel the C.A. In the heavier py-po mineralization this main carb fracture has tiny short offsets at rt. angles which are cpy-sph filled. Sph is also noted as isolated grains apparently replacing po. Isolated xls of sph are noted between the two flow contacts.				
	54.8 - 1/8" carb vein at 60° to C.A. slight po min.				
	55.2 - same as above.				
	55.7 - same as above.				
	56.7 - scattered xls cube py, grains po and isolated xls sph.				
	58.7 - the start of a sulphide mineralized zone that ends at 87.3. The first 19.3 feet of this zone is heavily mineralized with pyrite and secondary pyrrhotite, and the balance of the zone is lightly mineralized with these minerals. The py-po form thick lenses which trend from 40° to 60° to the C.A. The massive pyrite is irregularly brecciated and filled with a white				

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 9

SHEET NUMBER two

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	to faint pink calcite. This calcite in turn is lightly mineralized with xls of sph. principally between 72.7 and 85.7.				
68.7 - 140.0	Highly altered and carbonatized andesite. The alteration and carbonatization decrease progressively along the core to 140.0.				
	89.0 - 1.0 feet of light po-py min in streaks at 55° to 45° to the C.A. followed by irreg carb veining and a poss flow contact at 90.4 which is at 35° to The C.A.				
	90.4 - 6" of rock lightly min with isolated xls of sph.				
	93.2 - 1/2" carb vein at 55° to C.A. no vis min.				
	93.7 - 1" carb filled fractured qtz vein at 55° to C.A. no vis min.				
	95.2 - irreg py min.				
X	100.3 - 7" of light py-po min with trace cpy. in streaks at 50° to the C.A.				
	102.0 - 8" same as above.				
	105.6 - 1/2" qtz carb vein at 35° to C.A. slight po-py min.				
	110.7 - 1.0 feet of light po-py min with trace cpy.				
	110.7 - 7.0 feet of faint schistose structure at 45° to C.A.				
	112.4 - 1/4" carb vein at rt. angles to schistosity slight po min.				
	113.4 - 1/4" of disseminated po in streaks per schistosity trace cpy.				
	121.1 - 1.0 feet of light po-py min.				
	125.0 - 1/4" carb vein at 50° to C.A. slight po min.				
	129.0 - 1/8" qtz-carb vein at 25° to C.A. po-py-epy min.				
	139.7 - 1/4" " " " " 20° to C.A. light po-epy min.				
140.0 - 197.9	Andesite. A relatively fresh looking rock with a few short sections of alterations comparable to prev section. Faint schistosity at 50° to C.A. This schistosity has been cut by irregularly spaced fractures and narrow carb filled veinlets which trend at rt. angles to it. The last 7.9 feet of this section again exhibits increasing alteration and carbonatization and there is a suggestion of a flow contact at 197.9 at 60° to the C.A. the contact zone is heavily mineralized with carb-chlorite and needles of black tourmaline (?)				

PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER ..... 9 .....SHEET NUMBER ..... three .....

SECTION FROM ..... TO .....

**DIAMOND DRILL RECORD**

LOCATION: LAT .....  
 DEP .....  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....  
 COMPLETED .....  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	162.6 - 1.0 feet of light po-py min.				
	163.0 - $\frac{1}{4}$ " qtz-carb vein at 35° to C.A. light po min.				
	164.5 - $\frac{1}{4}$ " " " " " " 20° " " " " " "				
	173.0 - flow contact material in badly broken core.				
	189.3 - $\frac{1}{8}$ " carb vein paralleling schistosity.				
	190.6 - 4" qtz vein with very irreg walls no vis min.				
	191.6 - 4" " " " " " " " slight po-py min.				
	192.1 - numerous minute 1.7 feet long carb filled fracs paralleling C.A.				
	194.0 - irreg qtz. min.				
	194.7 - $\frac{1}{2}$ " qtz-carb vein at 40° to C.A. no vis min.				
	194.7 - numerous irreg carb filled fract to 197.9.				
197.9 - 215.6	An agglomerate with acidic bombs or fragments in a relatively basic groundmass. The fragments are almost the same as the acid tuff in the sections 226.0 to 237.8. They are only oriented at 50° to the C.A.				
	There is a poorly defined tuff bed at 211.7 about $\frac{1}{4}$ " thick. This bed trends at 50° to the C.A. The first 11.1 feet of this section contains numerous carb filled fractures trending from 50° to 55° to the C.A. Two carb filled fractures cut these at rt. angles, one frac parallels the C.A.				
215.6 - 226.0	and two fracs cut at an angle half way between these first two. Basic dyke with contact at 215.6 at 45° to the C.A. Other contact ground				
	General light py min.				
226.0 - 237.8	Acid tuff, A grey gritty rock with visible tiny qtz fragments which are sub angular to rounded. The first contact has been ground, the next is at 70° to the C.A.				
	226.0 - 1.8 feet of massive py in sharp contact to next section of barren tuff at 85° to the C.A.				
	231.3 - 2- $\frac{1}{8}$ " py lenses at 70° to C.A.				
	232.0 - 1.2 feet of massive py with contacts at 80° to C.A.				
	235.2 - 1.3 feet of dxk light py-po min.				
237.8 - 244.2	Intermediate dyke.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 8/44

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 9

SHEET NUMBER four

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
244.2 - 246.0	Acid tuff identical to section 226.0 to 237.8.				
246.0 - 300.0	Andesite. The rock is highly altered and somewhat carbonated in the first 20 feet. the degree of alteration and carbonatization decreases progressively				
269.5 - $\frac{1}{2}$ "	qtz carb vein at 35° to C.A. slight po min.				
281.6 - $\frac{3}{8}$ "	" " " " 35° " " no vis min.				
284.6 - $\frac{1}{4}$ "	" " " " 35° " " no vis min.				
300.0	END OF HOLE				
	SAMPLES				
	58.7 - 62.7	AuAg	118	4.0	
	62.7 - 67.7	AuAg	119	5.0	
	67.7 - 72.7	AuAg	120	5.0	
	72.7 - 77.7	AuAgZn	121	5.0	
	77.7 - 82.7	AuAgZn	122	5.0	
	82.7 - 85.7	AuAgZn	123	3.0	
	85.7 - 87.3	AuAg	124	1.6	
	190.5 - 192.1	AuAg	125	1.6	
	226.0 - 227.8	AuAg	126	1.8	
	231.0 - 233.2	AuAg	127	2.2	
	235.2 - 236.6	AuAg	128	4.4	

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 8/44

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 9

# DIAMOND DRILL RECORD

SHEET NUMBER .....

SECTION FROM ..... TO .....

LOCATION: LAT. 1100 NORTH  
 DEP. 225 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM .....

DIRECTION AT START: BEARING 072° magnetic  
 DIP -57°

STARTED January 31, 1952  
 COMPLETED February 4, 1952.  
 ULTIMATE DEPTH 300  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 12.0	Casing				
12.0 - 68.7	Basalt. Amygdaloidal.				
68.7 - 90.2	Meta-andesite (2).				
90.2 - 94.1	Meta-andesite (3). The contact with the previous section is at 30° to C.A.				
94.1 - 140.0	Meta-andesite (2). the contact with the previous section is at 50° to C.A.				
140.0 - 197.9	Andesite (2). Contact at 173.0 at 20° to the C.A.				
197.9 - 215.6	Agglomerate. The contact with the previous section is at 50° to the core axis.				
215.6 - 226.0	Andesite (3). The contact with the previous section is at 45° to the C.A.				
226.0 - 237.8	Quartz latite.				
237.8 - 244.2	Andesite (3). The contact with the previous section is at 70° to the C.A.				
244.2 - 246.0	Quartz latite. The contact with the previous section is at 45° to the C.A.				
246.0 - 300.0	Andesite (3). The contact with the previous section is at 45° to the C.A.				

NORTHERN MINER PRESS LIMITED, TORONTO--STOCK FORM No 501 REV. 9/44

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER 10SHEET NUMBER 029SECTION FROM C-C TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° Magnetic  
 DIP -60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952.  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-12.0	Casing				
12.0-37.5	Melanocratic quartz latite. A dark grey acid rock with visible oval shaped phenocrysts of quartz. There are numerous grain aggregates (up to 1/16" in diameter) of an identified hard flash coloured mineral, best developed between 24.0 and 35.0. There is a general irregular pyrite-pyrrhotite mineralization, and the section is made up of about 10% of these sulphide minerals. This sulphide mineralization is cut by a later set of carbonate and pyrite-pyrrhotite filled fractures, and these are listed below. The first foot of this section contains appreciably more quartz phenocrysts than the balance of the section, and the contact zone has been ground. In the "irregular pyrite-pyrrhotite" mentioned above, it is noted that grains and masses of pyrite are replaced in massive pyrrhotite, suggesting a replacement of the latter mineral.				
	15.0 - py-carb-po filled frac at 30° to C.A.				
	17.0 - discon carb filled frac at 50° to C.A.				
	22.5 - breccia zone at 50° to C.A. with slickensided breccia fragments.				
	23.5 - discon carb filled frac at 50° to C.A.				
	25.7 - 1/4" carb filled frac at 20° to C.A. trace po-cpy min.				
	27.3 - carb-py " " " 30° " "				
	27.5 - py " " " 30° " "				
	30.7 - py-carb filled frac at 50° to C.A.				
37.5-48.4	Mata-andesite (2). A highly altered carbonatized rock with an irregular pattern of carb filled fractures. Its contact with the previous section is mineralized with 5.9 feet of a mixture of massive				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 301 REV. 8/44

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER L) 10SHEET NUMBER TwoSECTION FROM G-G TO**DIAMOND DRILL RECORD**

LOCATION: LAT 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° magnetic  
 DIP - 60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD S
	and cube pyrite with lesser calcite and pyrrhotite. The lense of massive sulphide is in abrupt contact with the rock in this section at 20° to the C.A. The last foot of this section is lightly sprinkled with cube pyrite.				
48.4-53.0	Meta-andesite (2). The rock is only slightly less altered than the previous section and would be identical but that it lacks the irregular carb filled fractures. These fractures cease abruptly and continue in the next section. Contacts are heavily slickensided at 45° and 30° to the C.A.				
53.0-107.3	Meta-andesite (2). With carb filled fractures as in section 37.5 to 48.4. Also has a light irregular pyrrhotite mineralization. The carbonatization and this pyrrhotite mineralization progressively decreases, and at the same time an increase in silicification occurs. This silicification increases markedly at 103.5, and the rock beyond this footage is almost totally altered and very highly silicified. There is an abrupt increase in the pyrrhotite mineralization beyond 103.5, and sphalerite and chalcopyrite as follows. The rock is also slightly sheared and the sulphide mineralization gives it a banded appearance which varies from 25° to 35° to the C.A.				
	103.7 - trace of disse cpy min				
	104.2 - 1/16" carb filled frac at rt. angles to shearing slight po min.				
	104.4 - 1/16" " " " " " " " " slight po-cpy min.				
	104.9 - 1/16" " " " " " " " " slight po-cpy min.				
	105.1 - discon carb-po-cpy filled fracs at rt. angles to shearing				
	107.0 - 1.5 feet of fair po, light cpy-sph min. The sph is disse and the cpy in short fracs				
107.3-131.3	Melanocratic graphitic tuff. A dark grey to black rock with poor and then almost perfectly developed banding or bedding, as noted below. Mineralized with fair to very light pyrite, as disseminations				

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER 10SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM G-G TO

LOCATION: LAT 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° Magnetic  
 DIP -60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	paralleling the bedding. Secondary pyrrhotite mineralization as above and also as noted below.				
107.9	- bedding at 40° to C.A. slight cpy min.				
109.5	- frac at 45° to C.A. slickensided at right angles to C.A.				
110.0	- bedding at 30° to C.A.				
110.2	- 1/16" po-cpy frac at 45° to C.A.				
110.8	- 1/16" po-cpy " " 45° " "				
111.3	- 1/16" po-cpy-sph " " 45° " "				
111.3	- 3.3 feet very light sph min in disseminations paralleling bedding at 35° to the C.A.				
116.3	- trace sph min.				
117.0	- trace cpy sph min.				
118.8	- 1.7 feet of light sph min as disseminations paralleling bedding at 40° to the C.A.				
119.6	- po filled frac at 45° to C.A.				
120.1	- carb-sph " " 45° " "				
120.7	- faulting " 45° " "				
122.5	⊕ .5 feet of fair sph and trace cpy min.				
123.0	- 0.5 feet acid dyke, one contact ground, the next at 30° to C.A. trace of disseminated cpy.				
124.0	- fault at 15° to C.A. resulting in a small wedge of acid tuff flanking graphitic tuff. The latter has been shattered and heavily mineralized with po, principally along the fault. Trace of cpy-sph min.				
124.0	- 1.8 feet of light sph min.				
124.7	- trace sph min.				

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER 10SHEET NUMBER four

## DIAMOND DRILL RECORD

SECTION FROM G-G TO

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° magnetic  
 DIP 60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
	124.7 - 1.7 feet of acid dyke contacts at 30° and 20° to C.A.				
	125.3 - trace sph min in irreg py-po-carb filled frac.				
	126.4 - trace sph min.				
	127.0 - bedding parallel C.A. for 1.5 feet exhibiting movements at rt. angles to beds as well as minor drag folding.				
	127.6 - few xls arsenopyrite (?).				
	128.0 - The bedding in the next 3.3 feet is at 20° to the C.A. There is a trace of pyrrhotite in fractures paralleling this bedding as well as in fractures that have developed across irregular sections of the tuff beds. This fracturing has an attitude almost at rt. angles to the beds and may stop abruptly against one of them. Where they are close together they show a disarrangement of the bedding and some of the bedded fragments are oriented at rt. angles to the regular bedding. Calcite is the principal mineral in these fractures, followed with pyrrhotite, slight sphalerite and a trace of chalcopyrite.				
	129.3 - 3/16" carb-po-py-sph-cpy vein at 35° to the C.A.				
131.3-167.2	Leucocratic acid tuff. A grey to light grey siliceous rock having marked bedding as noted below. Its contact with the previous section is gradational				
	133.0 - bedding at 20° to C.A.				
	133.7 - slight sph min.				
	136.4 - 1/8" carb vein at rt. angles to bedding slight po min.				
	139.0 - 1/8" " " " 30° to C.A. Slight po min.				
	139.3 - 1/8" " " " 30° " " " " "				

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PROPERTY FAB METAL MINES LTD.

HOLE NUMBER 10

SHEET NUMBER Five

# DIAMOND DRILL RECORD

SECTION FROM G-2 TO \_\_\_\_\_

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING 256° Magnetic  
 DIP -60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
139.7	- 1/4" carb vein at par to bedding - no vis min.				
141.0	- 1.0 feet of massive tuff				
142.0	- bedding at 50° to C.A.				
146.8	- 0.4 feet of acid dyke conforming to bedding at 45° to C.A.				
148.3	- 1/8" carb vein at rt. angles to bedding no vis min.				
149.0	- 1/8" " " " " " " " " " " "				
150.0	- bedding at 30° to C.A.				
155.0	- bedding at 25° to C.A.				
156.4	- 13.6 feet of light to trace of sph min mostly disseminated in streaks paralleling the bedding and as noted below				
156.4	- carb filled frac at rt. angles to bedding min w/ grains r-sph.				
157.2	- same as above				
158.0	- bedding at 35° to C.A.				
158.5	- po-cpy filled fracture at rt. angles to bedding				
159.4	- same as above				
159.6	- SAME AS ABOVE				
161.3	- 1/8" po sph filled frac at rt. angles to bedding				
161.4	- same as above				
161.6	- 3/8" po-sph filled fracture at rt. angles to bedding. Sph xls up to 1/8"				
163.5	- dse bedding at 30° to C.A.				
163.8	- distinct drag folding of beds.				

PROPERTY FAB METAL MINES LTD.HOLE NUMBER L) 10SHEET NUMBER sixSECTION FROM G-G TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° magnetic  
 DIP -60°

STARTED February 4, 1952COMPLETED February 6, 1952

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	163.8 - minor drag folding of beds.				
167.2-202.6	Mata-andesite (2). A very highly altered and silicified rock in the first 12.8 feet, where a 3.2 foot lense of massive pyrite (see below) divides it from a highly altered and carbonatized phase. This alteration and carbonatization diminished progressively to the flow contact at 202.6 feet. There has been movement at this contact, evidenced by chloritic slickensiding, and the attitude of this flow is not clearly defined. The first 12.8 feet of this section has light to fair irregular pyrrhotite mineralization. Beyond 183.2 the sulphide mineralization is very light to absent.				
	168.4 - 0.4 feet lense of heavy po-py at 25° to C.A.				
	171.0 - 1/8" carb vein at 45° to C.A. slight po min.				
	173.6 - 1/8" " " " rt. angles to C.A. fair po-cpy min.				
	174.0 - 1/8" " " as above				
	175.8 - 1/8" " " as above				
	176.6 - 3/16" " " at 55° to the C.A. fair po min.				
	178.6 - 1/8" " " rt. angles " " " " "				
	180.0 - 3.2 feet of massive pyrite with lesser carb and po. In sharp contact at 55° and 25° to the C.A.				
202.6-221.0	Agglomerate. An unorderly mixture of andesitic flow rock - poor beds of acid tuff - and odd masses and fragments of acid tuff.				
	206.9 - 1/8" qtz-carb vein at 45° to C.A. slight po-cpy min.				
	212.0 - 5-1/16" carb filled fractures at 65° to the C.A. no vis min.				
221.0-237.0	Leucocratic acid tuff(2). A light grey to grey highly altered siliceous rock, with poor and then well defined bedding at 25° to 30° to the C.A. This rock has light to fair cube pyrite and pyrrhotite				

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER 10SHEET NUMBER SEVEN

## DIAMOND DRILL RECORD

SECTION FROM G-G TO

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1020  
 DATUM  
 DIRECTION AT START: BEARING 256° magnetic  
 DIP -60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
	mineralization mostly in lenses and streaks paralleling the bedding. There is a different rock between 230.8 and 233.4 feet, possibly an intrusive. Its contacts are ground. It is an olive green fresh looking rock in that it is not cut with the numerous carb filled fractures the andesite close to mineralized zones exhibit. It can be classified as a meta-diorite. It is lightly mineralized with a chalk brown mineral (unidentified).				
	226.8 - 3.4 feet of massive py with lesser carb and po, one contact is gradational, the other at 25° to the C.A.				
	232.2 - 0.6 feet of irreg qtz veining with light po-py and a trace cpy.				
	236.6 - trace cpy min.				
237.0-291.0	Meta-andesite (I). A fine grained altered rock at the contact which grades to a relatively fresh unaltered medium grained rock at 291.0.				
	268.1 - 1/2" qtz-carb vein at 55° to C.A. no vis min.				
	274.4 - 1 1/2" qtz-epidote?-carb vein at 40° to C.A. slight po-cpy min.				
	283.8 - 2" banded epidote? - qtz vein at 40° to C.A. no vis min.				
	287.0 - 1/2" qtz-epidote? vein at 20° to C.A. slight po min.				
	291.0 - END OF HOLE				
	SAMPLES				
	107.0 - 108.5 - AuAgCuZn	129	1.5		
	108.5 - 111.3 - AuAg	130	2.8		
	111.3 - 114.6 - AuAgZn	131	3.3		
	114.6 - 118.8 - AuAg	132	4.2		

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PROPERTY FAB METAL MINES LTD.

HOLE NUMBER 10

SHEET NUMBER eight

# DIAMOND DRILL RECORD

SECTION FROM G-G TO

LOCATION: LAT. 900 NORTH  
 DEP. 240 EAST  
 ELEVATION OF COLLAR 1010  
 DATUM  
 DIRECTION AT START: BEARING 256° Magnetic  
 DIP -60°

STARTED February 4, 1952  
 COMPLETED February 6, 1952  
 ULTIMATE DEPTH 291  
 PROPOSED DEPTH 300

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
118.8 - 120.5	- AuAgZn	133	1.7		
120.5 - 122.5	- AuAg	134	2.0		
122.5 - 123.0	- AuAgZn	135	0.5		
123.0 - 125.8	- AuAgCuZn	136	2.8		
156.4 - 160.6	- AuAgZn	137	1.2		
160.6 - 161.7	- AuAgZn	138	1.1		
161.7 - 166.6	- AuAgZn	139	4.9		
166.6 - 170.0	- AuAgZn	140	3.4		
170.0 - 175.0	- AuAg	141	5.0		
175.0 - 180.0	- AuAg	142	5.0		
180.0 - 183.2	- AuAg	143	3.2		
226.8 - 230.8	- AuAg	144	4.0		
230.8 - 233.4	- AuAgZn	145	2.6		
233.4 - 237.0	- AuAg	146	3.6		

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 11SHEET NUMBER one53274 **DIAMOND DRILL RECORD**

SECTION FROM ..... TO .....

LOCATION: LAT 696 NORTH  
 DEP. 456 EAST  
 ELEVATION OF COLLAR 1015  
 DATUM .....

DIRECTION AT START: BEARING 257° magnetic  
 DIP -45°

STARTED February 7th, 1952  
 COMPLETED February 10th, 1952  
 ULTIMATE DEPTH 439  
 PROPOSED DEPTH 430

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 10.0	Casing						
10.0 - 34.9	Leucocratic meta-rhyolite. A grey coloured rock with many quartz phenocrysts some of which are 1/8" in diameter. The larger of these quartz phenocrysts have been shattered and are calcite filled. Calcite, along with an unidentified light green silicate mineral also fill numerous irregularly shaped fractures in the rock. In places these fractures are so numerous as to give the rock a brecciated appearance. There are numerous iron stained joint planes in the first 10 feet of the core, and the most prominent of these are at 50° to the C.A. 15.9 - rusty 1" Qtz-carb vein at 60° to the C.A. 30.5 - 2" of irreg Qtz-carb veining.						
34.9 - 49.6	Melanocratic quartz latite. A brown black to green black rock with many quartz phenocrysts, some of which are 1/8" in diameter. The larger of these phenocrysts have been shattered and are calcite filled. The quartz phenocrysts have been slightly elongated and are poorly banded at 50° to the C.A. The rock has been cut by a few carb filled fractures.						
49.6 - 76.5	Melanocratic dacite. A very dark rock with scattered phenocrysts of quartz which are generally shattered and calcite filled. In places there are small aggregates of calcite grains filling cavities much the same shape as do the quartz phenocrysts. Suggesting a complete replacement of quartz by calcite. In other places these calcite aggregates contain a few grains of a light green silicate mineral. The rock is irregularly intruded with a mixture of calcite and a light green silicate mineral, in rather shapeless masses. These masses in turn <del>are</del> contain blobs and disseminations of pyrite and minor pyrrhotite. This type of mineralization continues and increases <del>and</del> <del>minors</del> into the following section.						
76.5 - 113.6	Melanocratic meta-dacite. The rock is altered in varying degrees and is mineralized as in the previous section. The alteration takes the form of a general bleaching over short sections of the core, and by marked bleaching in 1/2" zones that flank minute quartz filled fractures. The quartz is glassy and clear. The section is composed of about 10% sulphide minerals.						

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 11

SHEET NUMBER TWO

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT.....  
 DEP.....

ELEVATION OF COLLAR.....

DATUM.....

DIRECTION AT START: BEARING.....  
 DIP.....

STARTED.....

COMPLETED.....

ULTIMATE DEPTH.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
113.6 - 130.7	There are no definite contacts in the sections already described. Meta-andesite (2). Possibly amygdaloidal. The rock is cut by numerous shapeless masses of a mixture of pyrite, calcite, a green silicate mineral and pyrrhotite. These minerals make up to 15% of the rock between 113.6 to 123.5, at which place they form a solid lense to 130.7. Here the mineralization stops abruptly.				
130.7 - 133.2	Andesite (3). Possibly intrusive. A fresh looking rock with the first contact mineralized as described in the previous section, and the next contact at 75° to the C.A. There are a few bleached fractures at this angle and a general very light pyrite mineralization. The bleaching being later than the pyrite.				
133.2 - 138.2	Andesite (2) - amygdaloidal. 133.7 - 1/8" qtz carb vein at 55° to C.A. slight po min. 136.0 - 1/8" " " " " 40° " " no vis min.				
138.2 - 140.0	Andesite (3). possibly intrusive. A fresh looking rock with contacts at 75° to the C.A.				
140.0 - 184.3	Andesite (2) - amygdaloidal. 153.5 - 1/4" qtz carb vein at 25° to C.A. trace po-cpy min. 164.3 - 1/2" " " " " 50° " " no vis min.				
184.3 - 188.3	Andesite (3). Possibly intrusive.				
188.3 - 255.0	Andesite (2) - amygdaloidal. The amygdules decrease progressively. 200.7 - 1/2" qtz carb vein at 50° to C.A. no vis min. 234.7 - irreg qtz carb min. 245.5 - 1/2" qtz-carb vein at 30° to C.A. slight po min. 246.0 - irreg qtz-carb min. 246.5 - 1.0 feet of light po-py and trace cpy min. 248.8 - 1/2" qtz vein at 40° to C.A. no vis min. 254.2 - 0.8 feet of trap. Contacts ground.				
255.0 - 257.7	Andesite (3). Possibly intrusive, one contact at 70°, the other at 20° to C.A.				
257.7 - 268.7	Andesite (2).				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 11

SHEET NUMBER three

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT .....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
268.7 - 275.6	259.8 - 0.5 feet of trap with contacts at 45° to C.A. Andesite (3) Possibly intrusive.							
	271.0 - 1/8" qtz vein at 35° to C.A. no vis min.							
	273.9 - 1/4" " " " 20° " " " " "							
275.6 - 285.3	Andesitic flow breccia.							
	276.1 - 1" qtz-carb vein at 40° to C.A. no vis min.							
	277.4 - trace sph.							
	278.2 - trace sph.							
	278.8 - " cpy							
	279.5 - irreg qtz-carb min.							
	280.1 - trace sph.							
	281.0 - " "							
	283.5 - 1.8 feet of light quartz fracturing the walls of which are min with some po and a trace of cpy. This fracturing continues into the next section.							
285.3 - 290.0	Leucoeratic acid tuff. Well bedded at 45° to 50° to the C.A. The rock is cut by dark quartz filled veins which parallel the bedding at times having offsets which bend the beds slightly.							
	286.1 - trace sph.							
	286.4 - trace cpy.							
	287.1 - 2.9 feet of light fair sph min along with light po, which stops abruptly at the contact at 290.0 feet.							
290.0 - 319.0	Meta-andesite (2) Highly altered rock with a 3" tuff bed at 292.5 trending at 30° to the C.A.							
	290.6 - 0.4 ft. lense of po-py-qtz having a trace of sph.							
	297.3 - 1/2" qtz-carb vein at 40° to C.A. no vis min.							
	298.3 - 1/4" " " " " 40° " " " " "							
	316.0 - irreg qtz-carb min.							
	317.4 - trace sph min near fracture par the C.A.							
	318.0 - 2.0 feet of flow contact material.							

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PROPERTY FAB METAL MINES LIMITED

# DIAMOND DRILL RECORD

HOLE NUMBER 11

SHEET NUMBER four

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....  
 COMPLETED .....  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
319.0 - 348.5	Leucocratic acid tuff. Well bedded at 35° to 50° to the C.A. Contact zone with previous section in badly broken core.				
	319.0 - 1.3 feet of fairly heavy sph min with lesser po-cpy.				
	320.3 - 3.8 feet of light sph min.				
	322.4 - 2" of fair po and dis. sph.				
	* 324.8 - 1/8" vein of po-carb-sph-arseno almost par the C.A.				
	328.8 - 1.2 feet of fair po-sph-trace cpy in bedding at 40° to C.A.				
	330.0 - 5.4 feet of light sph-po min trace cpy.				
	339.4 - trace sph min.				
	341.7 - trace sph min.				
	344.0 - 5" of fair po min disem in streaks par bedding.				
	347.4 - trace sph min.				
348.5 - 374.0	Melanocratic acid tuff.				
	354.3 - 3.5 feet of light sph-po min in disem streaks par bedding at 40° to C.A.				
	357.8 - 3.9 feet of light sph-po-py min as above.				
	365.4 - trace sph min.				
	366.0 - 4.2 feet of light sph-po-py min.				
	370.2 - 1.3 feet of very lightly disem sph in fair po-py.				
	371.5 - 1.3 feet of massive py.				
374.0 - 387.0	Andesite (1). Slightly altered with a few carb filled fractures.				
	375.4 - 0.8 feet of fair py-light po-sph min.				
	377.0 - 1" tuff bed at 20° to C.A.				
387.0 - 403.2	Meta-andesite (2). The alteration increases appreciably to the contact at 403.2 feet. The actual contact is very poorly defined, there being a number of pyrite filled fractures at 45° to the C.A.				
403.2 - 424.8	Melanocratic acid tuff. There are numerous small fragments in the <del>ix</del> rather gritty groundmass which have affected the bedding, in that the bedding is bent around them. The rock is cut with many lenses of pyrite which follow the bedding. These pyrite lenses stop abruptly at the end of the section.				
	324.1 - 1.9 feet of light sph-po min along with a fair number of arsenopyrite xls.				
	* 325.1 - 2" of fair <del>pyrite</del> sph-po min.				

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 11

SHEET NUMBER five

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
424.8 - 427.1	Andesite (3). Possibly intrusive with contacts at 50° and 45° to the C.A. Fairly fresh looking with very little pyrite and very few carb filled fractures.				
427.1 - 439.0	Andesite (1). Highly altered at first, which alteration progressively decreases, along with the number of carb filled fractures. The first foot is heavily mineralized with pyrrhotite and cube pyrite.				
	439.0 - END OF HOLE				
	SAMPLES				
	287.1 - 290.0 AuAgCuZn	147	2.9		
	319.0 - 320.3 AuAgCuZn	148	1.3		
	320.3 - 324.1 AuAgZn	149	3.8		
	324.1 - 326.0 AuAgZn	150	1.9		
	326.0 - 328.8 AuAgZn	151	2.8		
	328.8 - 330.0 AuAgZn	152	1.2		
	330.0 - 331.0 AuAgZn	153	1.0		
	331.0 - 333.4 AuAgZn	154	2.4		
	333.4 - 335.4 AuAgZn	155	2.0		
	351.3 - 357.8 AuAgZn	156	3.5		
	357.8 - 361.7 AuAgZn	157	3.9		
	361.7 - 366.0 AuAgZn	158	4.3		
	366.0 - 370.2 AuAgZn	159	4.2		
	370.2 - 371.5 AuAgZn	160	1.3		
	371.5 - 373.8 AuAgZn	161	2.3		
	375.4 - 376.2 AuAgZn	162	0.8		

PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 12SHEET NUMBER one

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

3273

## DIAMOND DRILL RECORD

LOCATION: LAT 300 SOUTH  
DEP. 428 EASTSTARTED February 12th, 1952

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED February 19th, 1952

DATUM \_\_\_\_\_

ULTIMATE DEPTH 645DIRECTION AT START: BEARING 240° magnetic  
DIP -35°PROPOSED DEPTH 800

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0 - 4.0	Casing				
4.0 - 46.8	Andesite (4), a dark green to black very fine grained rock.				
46.8 - 99.6	Meta-basalt (1). The flow contact at 46.8 is at 25° to the core axis, and is followed with 3 feet of flow top material, the first 1.8 feet of which is heavily mineralized with very irregular calcite veining. There are actually a number of lava flows in this section, and some of them are apparently very thin. Evidence of flow contacts is largely destroyed by numerous lenses, blobs and rather shapeless masses of an intrusive mixture as follows. Cube and massive pyrite, calcite, a green silicate mineral and minor pyrrhotite. This mineralization is identical to that encountered in Zone No. 2. This type of mineralization is concentrated in a section between 53.1 and 97.0 feet. There is a 1.0 foot section of melanocratic quartz latite at 97.0 feet in which scattered quartz phenocrysts are visible, and there are a number of other short sections of this rock scattered throughout the section. The core is badly broken between 79.0 and 95.0 feet. 58.0 - trace sph min. 80.0 - 6.0 feet of fair py-green silic. min. - carb-trace po. 84.6 - trace sph min. 85.6 - trace sph min.				
99.6 - 108.0	Meta-andesite (3). A very highly altered rock with a general light dissemination of <del>pyrrhotite</del> pyrrhotite mineralization. Both contacts are ground.				
108.0 - 121.4	Meta-quartz basalt. The contact at 121.4 is at 40° to the core axis. Scattered quartz phenocrysts are visible in the central section. This rock has a general cube pyrite dissemination in streaks at 45° to the C.A. 112.5 - 3" qtz vein at 30° to C.A. light po min. 114.3 - short reversed "S" shaped carb vein at rt. angles to py streaks.				
121.4 - 220.0	Meta-andesite (2). 121.4 - 1.8 feet of general fair py min-trace po. 133.0 - 1.3 feet of meta-andesite (3). 145.8 - 2" qtz vein at 45° to C.A. no vis min.				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 12  
 SHEET NUMBER two  
 SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT. 300 SOUTH  
 DEP. 428 EAST  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING 240° magnetic  
 DIP -35°

STARTED February 12th, 1952.  
 COMPLETED February 19th, 1952.  
 ULTIMATE DEPTH 645  
 PROPOSED DEPTH 800

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	162.5 flow contact in badly broken core, which straddles contact material.	5.0 feet of flow			
	217.2 - 1/8" qtz vein at rt. angles to C.A. wall po-cpy min.				
	218.7 - 1/16" carb-po-cpy vein at 60° to C.A.				
220.0 - 235.6	Andesite (4). 220.0 - flow contact at 60° to C.A. followed with 1.0 foot of flow top material. Contact zone highly altered and min with a general po-trace cpy. Alteration fades out away from contact.				
235.6 - 243.0	Meta-andesite (4). Alteration is more marked towards 243.0, changing from a gray green to a dull gray rock at 243.0 feet. Last 3.0 feet is rather schistose at 80° to C.A.				
	236.0 - 1/4" qtz vein which forms a reversed "S" along 0.5 feet of core. Limbs of "S" are at 20° to C.A.				
	237.6 - 1/4" qtz-carb vein at 25° to the C.A. slight po min.				
	238.2 - 1/8" " " " " 25° " " " " " " " " " " " "				
	239.0 - 3.5 feet of light po min in streaks at 30° to C.A.				
	242.5 - 0.5 feet of massive py.				
243.0 - 246.0	Meta-andesite (?). This section has been completely altered and there is no evidence of the original rock. A feature of the alteration is extreme sericitization and the rock breaks along many sericitic planes, the strongest being at 60° to the core axis. The rock is light grey in colour and is cut by many irregular calcite veinlets, most of them cutting at rt. angles to the major parting. The rock is barren of sulphide minerals except as noted below.				
	243.4 - 1/60" plate of sph conforming to the major parting at 60° to C.A.				
	243.7 - 1/8" of dissem. po.				
	244.0 - 0.7 feet of fair po, light cpy and trace sph.				
	245.2 - 1.2 feet of fair po, light cpy, trace sph.				
246.0 - 248.6	Meta-andesite (3). Has general fair po mineralization, and the last 0.5 feet has fair sph-trace cpy mineralization.				
	247.0 - 1/8" po-carb vein at 15° to C.A.				

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 12SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT. \_\_\_\_\_

STARTED \_\_\_\_\_

DEP. \_\_\_\_\_

COMPLETED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DIP \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
243.0 - 256.0	Leucocratic acid tuff. There is some distortion in the very distinct bedding, principally near 249.0. The general trend of the bedding is at 80° to the core axis. General light to fair pyrrhotite mineralization and a general light sphalerite mineralization.				
	252.2 - 0.8 feet of carb-po-sph-cube py filled breccia.				
256.0 - 267.0	Meta-andesite (3). The first 1.4 feet is fairly fresh looking and only slightly mineralized with pyrrhotite. It is very irregularly fractured and these fractures are mineralized with fair sphalerite, lesser calcite and cube pyrite. The alteration increases beyond this section and reaches a peak at 260.6 where a 3" tuff bed cuts the core at 45°. The alteration then diminished to 264.0 feet.				
	256.0 - 1.4 feet of fair sph, light po-py.				
	257.4 - 0.9 feet of light po-py, trace sph.				
	258.3 - 1.9 feet of light po-sph-py.				
	260.2 - 0.6 feet of heavy po, light sph-cpy.				
	260.8 - 0.9 feet of light sph-po.				
	261.7 - 2.0 feet of fair sph-po.				
	263.7 - 1.7 feet of light po-sph.				
267.0 - 279.4	Andesite (4). First contact at rt. angles to the core axis, and is followed with 1.5 feet of flow top material.				
	267.8 - ½" qtz vein at 70° to C.A. no vis min.				
	272.8 - 1" qtz-epidote (?) vein at 25° to C.A. no vis min.				
279.4 - 280.7	Andesite (3). Contacts at 75° to the core axis.				
	279.5 - ½" qtz vein at 20° to C.A. no vis min.				
280.7 - 294.7	Andesite (4). Easterly facing flow top indicated at first contact.				
294.7 - 297.2	Andesite (3). Contacts at 60° and 70° to the C.A.				
297.2 - 347.0	Andesite (2).				
	305.3 - ½" qtz-chlorite vein at 35° to C.A. no vis min.				
	307.0 - pcss flow contact with slight po and trace cpy min.				

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PROPERTY FAB METAL MINES LTD.HOLE NUMBER 12SHEET NUMBER four

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. ....  
DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....

DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF PAMPLE	GOLD \$	SLUDGE GOLD \$
347.0 - 376.0	Meta-dacite (2). A brownish somewhat siliceous rock with both contacts ground.				
	348.2 - trace of dissem po-cpy.				
	351.0 - poss flow contact at 55° to the C.A.				
	375.0 - 1.0 feet of lightly dissem coarse py cubes.				
376.0 - 383.4	Andesite (3).				
383.4 - 454.0	Andesite (4). There are actually a number of flows in this section which vary only slightly in composition. The rock has a pronounced streaky structure at 45° to the core axis.				
	385.2 - flow contact (ground) followed with one foot of fair py min.				
	389.0 - 2" of fair dissem cube py.				
	396.0 - flow contact at 45° to C.A. <del>slightly</del> followed with 2.0 feet of flow top material.				
	404.0 - 0.7 feet of irreg. qtz-carb min.				
	406.0 - poss flow contact (ground)				
	433.7 - 3.5 feet of light py min in streaks at 45° to C.A.				
	441.6 - 1/4" qtz vein at 45° to C.A. slight po min.				
	443.5 - The balance of this section along with the first two feet of the next section is cut, by irregularly spaced veinlets of quartz-chlorite or chlorite. These veinlets vary from 45° to 70° to the core axis. and are later than the minor disseminated cube pyrite.				
454.0 - 459.2	Meta-andesite (4). This rock exhibits a gradual alteration from green grey at 454.0 to a dull grey at 458.9 feet. A 2.1 feet section of heavy pyrite mineralization divides this rock from the next section.				
	455.5 - trace cpy-sph m-n.				
	456.7 - light sph min.				
	458.1 - 0.8 feet of light sph min.				
	358.9 - 2.1 feet of heavy py min-minor carb qtz.				
459.2 - 482.5	Acid tuff. This section is highly altered and only very small unmineralized remnants of an acid tuff are visible. Pyrite is the dominant sulphide				



PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 12

SHEET NUMBER five

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT. ....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	mineral and makes up to 30° of the rock. Pyrite along with lesser po mineralize the possible bedding at 55° to the core axis.						
459.2 - 482.5	continued 462.2 - 6.8 feet of fair py, very light sph. 469.5 - 6.0 feet of heavy py min, light po min. 477.0 - 1.0 feet of light po-sph min. 478.9 - 1.3 feet of light po-sph-cpy min. 482.0 - light cpy-sph min.						
482.5 - 555.5	Andesite (2). Highly altered near the first contact, which alteration progressively decreases. The rock is cut by irregular quartz-calcite veinlets, no visible mineralization.						
555.5 - 562.0	Andesite (4). 559.0 - low contact at 55° to C.A. Light po-py min, trace cpy.						
562.0 - 567.0 -	Andesite (2). Contacts at 40° and 50° to the C.A.						
567.0 - 577.0	Andesite (4). Breccia at 574.5						
577.0 - 597.7	Andesite (2). Contact at 577.0 is ground but followed with 2.0 feet of flow top material.						
597.7 - 601.2	Andesite (4). First 2.0 feet has fair py-trace po min .						
601.2 - 645.0	Andesite (2). 645.0 - END OF HOLE.						

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER .....

SHEET NUMBER .....

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....

STARTED .....

DEP. ....

COMPLETED .....

ELEVATION OF COLLAR .....

DATUM .....

ULTIMATE DEPTH ..... ✓

DIRECTION AT START: BEARING .....

PROPOSED DEPTH .....

DIP .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
<u>SAMPLES</u>							
80.0 - 84.0	AuAg	179	4.0				
84.0 - 89.0	AuAg	180	5.0				
89.0 - 94.0	AuAg	181	5.0				
94.0 - 99.0	AuAg	182	5.0				
241.5 - 243.0	AuAg	163	1.5				
243.0 - 244.0	AuAg	164	1.0				
244.0 - 244.7	AuAgCuZn	165	0.7				
244.7 - 245.2	AuAg	166	0.5				
245.2 - 246.4	AuAgCuZnNi	167	1.2				
246.4 - 248.1	AuAgNi	168	1.7				
248.1 - 248.7	AuAgZn	169	0.6				
248.7 - 253.7	AuAgZn	170	5.0				
253.7 - 256.0	AuAgZn	171	2.3				
256.0 - 257.4	AuAgZn	178	1.4				
257.4 - 258.3	AuAgZn	172	0.9				
258.3 - 260.2	AuAgZn	173	1.9				
260.2 - 260.8	AuAgCuZn	174	0.6				
260.8 - 261.7	AuAgZn	175	0.9				
261.7 - 263.7	AuAgZn	176	2.0				
263.7 - 265.4	AuAgZn	177	1.7				
454.8 - 446.6	AuAg	183	1.8				
456.6 - 458.1	AuAgZn	184	1.5				
458.1 - 458.9	AuAgZn	185	0.8				
458.9 - 461.0	AuAg	186	2.1				
461.0 - 462.2	AuAg	187	1.2				
462.2 - 465.6	AuAgZn	188	3.4				
465.6 - 469.0	AuAgZn	189	3.4				
469.0 - 473.0	AuAg	190	4.0				
473.0 - 477.0	AuAg	191	4.0				
477.0 - 478.9	AuAgZn	192	1.9				
478.9 - 480.2	AuAgCuZn	193	1.3				
480.2 - 482.5	AuAgZn	194	2.3				

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 13SHEET NUMBER one

SECTION FROM ..... TO .....

**DIAMOND DRILL RECORD**LOCATION: LAT. 360 SOUTH  
DEP. 323 EASTSTARTED February 20, 1952.

ELEVATION OF COLLAR .....

COMPLETED February 23, 1952.

DATUM .....

ULTIMATE DEPTH 430.DIRECTION AT START: BEARING 240° magnetic  
DIP -70°

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 6.0	casing				
6.0 - 12.3	Meta-quartz basalt. A black rock with scattered quartz phenocrysts. It has a general light to fair pyrite mineralization in irregular patches and blots. There is a trace of pyrrhotite mineralization with the pyrite.				
12.3 - 20.2	Meta-andesite (3). The first 2.0 feet has fair pyrite - pyrrhotite mineralization <del>at 12.3</del> in typical flow top material.				
20.2 - 54.5	Meta-quartz basalt. There are a number of flows in this section and most of the contacts are ground. at 20.2 the contact is at 35° to the core axis. A contact at 41.8 is at 50° to the core axis, and one at 54.5 is at 50°. The section is irregularly mineralized with sulphide minerals. The following group of minerals are often associated. Pyrite, pyrrhotite, a green silicate mineral, calcite, trace of chalcopyrite, and a trace of possible magnetite.				
54.5 - 126.1	Andesite (2). This rock is irregularly cut by quartz-calcite and calcite veinlets which are usually barren or are mineralized with a trace of pyrrhotite.				
126.1 - 140.7	Andesite (4). The contacts of this rock are at 65° and 60° to the core axis. The contact at 126.1 is followed with typical flow top material.				
140.7 - 160.0	Meta-andesite (2). The alteration increases progressively, and the rock is first a green grey, then blue grey, almost colourless, and reversing then to the contact at 160.0. There is a general trace of pyrrhotite mineralization, as well as follows. 145.4 - 1.0 feet of heavy po-trace cpy. 150.0 - 3.0 feet of fair to heavy po, trace cpy-sph.				
160.0 - 164.6	Meta-andesite (3). The first contact is at 30° to the core axis, and the contact at 164.6 is ground. The alteration decreases progressively to a fairly fresh rock at 164.6.				
164.6 - 177.1	Andesite (4).				
177.1 - 177.9	Andesite (3). Contact at 177.1 is at 50° to the core axis, the other contact has been ground.				
177.9 - 219.0	Andesite (4).				
219.0 - 275.5	Dacite (2).				

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PROPERTY PAB METAL MINES LIMITED

HOLE NUMBER 13

SHEET NUMBER TWO

SECTION FROM ..... TO .....

# DIAMOND DRILL RECORD

LOCATION: LAT .....  
 DEP .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %				
275.0 - 430.0	Andesite (3). This section consists of many flows, some of which vary slightly from the type andesite (3) but are so closely related as to not warrant further subdivision. The contact at 275.5 is at 45° to the core axis and the remaining contacts vary from 45° to 55°. Almost all are in this section of the property. A bed of agglomerate is noted between 281.2 and 283.0. The rocks in this section are irregularly cut by quartz-calcite or calcite veinlets, and these are invariably barren except for <del>trace</del> an occasional trace of pyrrhotite mineralization.								
430.0	END OF HOLE								
	<u>SAMPLES</u>								
	142.8 - 145.0 AuAg	195	2.2						
	145.0 - 150.0 AuAg	196	5.0						
	150.0 - 153.0 AuAgCuZn	197	3.0						
	153.0 - 158.0 AuAg	198	5.0						

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PROPERTY FAB METAL MINES LIMITED

 HOLE NUMBER 14

 SHEET NUMBER one

53273

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

 LOCATION: LAT. 325 NORTH

 STARTED February 25, 1952.

 DEP. 380 EAST

 COMPLETED February 27, 1952.

ELEVATION OF COLLAR .....

DATUM .....

 ULTIMATE DEPTH 229

 DIRECTION AT START: BEARING 240° magnetic

 PROPOSED DEPTH 225

 DIP -45°

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
0 - 10.0	Casing				
10.0 - 122.0	Andesite (2). A relatively fresh looking rock which exhibits a few scattered clusters of amygdales. This rock is irregularly cut by quartz or quartz-calcite veinlets which trend at numerous angles to the core axis. These veinlets often contain a trace of pyrrhotite and chalcopyrite, but are usually barren. There is a light sulphide mineralization at what appears to be flow contacts, and these are listed below.				
	105.8 - poss flow contact at 55° to the C.A. Westerly facing tops indicated.				
	116.0 - " " " " 25° " " " " " " " " " " " " " " " "				
122.0 - 200.0	Quartz-basalt. A green black to black rock with scattered phenocrysts of quartz. It contains sections of relatively light pyrite-pyrrhotite mineralization, and these appear to be located at flow contacts. The contacts themselves have been destroyed, largely through this later mineralization. Evidence of flow contacts is provided by the above mineralization, and mineralized zones. At other times, the presence of a flow contact is evidenced by the presence of typical flow top material in the unmineralized remnants of the sulphide zone.				
	135.0 - flow contact at 40° to the C.A., indicating westerly facing flow tops. Two feet of flow top material here is lightly mineralized with py-po as well as with a trace of sph-epy.				
	163.7 - 3.2 feet of general light py-po mineralization, light sph-trace cpy.				
	164.0 - irreg frags plated with sph. one plated with a silvery white mineral poss galena.				
	165.7 - poss flow contact in ground core, followed with 1.2 feet min with light py-sph-trace cpy and trace poss galena.				
	166.9 - 2.1 feet of light po-py min.				
	169.0 - 2.0 feet of light po-epy-py-sph.				
	193.3 - 1.0 foot of breccia (?). at 30° to the core axis. The fragments vary in size from minute to $\frac{1}{2}$ " and consist of a grey opalescent quartz, in a siliceous groundmass. The fragments are rounded to sub angular. This may be a thin bed of sediments since it conformably overlies the flow top material of a basaltic flow and is overlain conformably by another				

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PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 14

SHEET NUMBER 5 two

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH \_\_\_\_\_  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	basaltic flow. Westerly facing tops are indicated here. Late mineralization consists of a light pyrrhotite-pyrite, and a trace of chalcopyrite-sphalerite.				
196.0 -	2" section of core identical to the breccia 2 described above. Both ends of it have been ground.				
198.0 -	2.0 feet of typical flow top material. The last foot of which is mineralized with a 0.7 foot lense of pyrite, which parallels the contact at 35° to the core axis.				
200.0 - 206.0	Andesite (3). The contact with the previous section is at 35° to the core axis. The first foot of this section is heavily mineralized with irregular quartz having a trace of po-py-sph.				
203.5 -	2.5 feet lense of massive pyrite.				
206.0 - 229.0	Andesite (2). This rock is heavily carbonated near the contact with the previous section, and this carbonatization slowly diminished to a fairly fresh andesite at 229.0.				
	SAMPLES				
	163.7 - 164.7	AuAgZn	199	1.0	
	164.7 - 165.7	AuAgZn	200	1.0	
	165.7 - 166.9	AuAgZn	201	1.2	
	166.9 - 169.0	AuAg	202	2.1	
	169.0 - 171.0	AuAgCuZn	203	2.0	
	203.5 - 206.0	AuAg	204	2.5	

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 801 REV. 8/44

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SIGNED \_\_\_\_\_



PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 15

SHEET NUMBER two

# DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	The contacts cut across a minor schistose structure in the flanking andesites and suggests that this rock is a sill like mass. It is mineralized with pyrrhotite. Two inches of a similar rock is found at 281.0 feet in broken core.				
279.6 - 333.2	Andesite (2). Partly amygdaloidal.				
333.2 - 357.2	Meta-andesite (2). The alteration in this section is in two phases, first a highly carbonatized section, which grades into a highly silicified phase at the contact with the next section.				
339.5 -	flow contact at 35° to C.A. with westerly facing flow tops indicated. 1.0 feet of the flow top material is lightly mineralized with po along with a trace of sph.				
343.3 -	poss flow contact at 35° to C.A.				
354.6 -	2.6 feet of very highly altered andesite, mineralized with fair po very light sph-cpy.				
357.2 - 378.7	Leucocratic acid tuff. The contact with the previous section is marked with a 2" lense of massive pyrrhotite, which, along with the bedding in the tuff is at 30° to the core axis. The bedding in the section varies, and these variations are noted below. The rock is mineralized with a trace of pyrrhotite (general) and heavier concentrations of this mineral are noted below. Near the contact at 378.7 this rock is interbedded conformably with thin andesitic flows.				
360.0 -	2" of fair po-trace sph-cpy.				
363.0 -	1.0 feet of fair po-trace sph.				
364.0 -	bedding at 15° to C.A.				
365.8 -	bedding swings to 30° to C.A.				
<del>365.8 -</del>	<del>4.2 feet of light sph-trace po.</del>				
370.0 -	1.1 feet of fair sph-po-trace cpy.				
371.1 -	3.1 feet of light po-very light sph.				
372.2 -	bedding at 45° to C.A.				
372.5 -	bedding at 60° to C.A.				



PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 15SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

LOCATION: LAT \_\_\_\_\_  
DEP \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
	376.0 - bedding at 45° to C.A.							
378.7 - 385.5	Meta-syenodiorite (?). A uniformly textured rock exhibiting flakes of biotite and sericite, as well as scattered tiny xls of sphalerite. The contact with the previous section is ground, while at 385.5 feet is at 55° to C.A. The latter contact is mineralized with fair po-trace cpy-sph.							
385.5 - 401.5	Leucocratic acid tuff.							
	387.0 - bedding at 35° to the C.A.							
	388.4 - 3" of fair po-trace cpy.							
	390.0 - trace cpy-sph.							
	390.0 - bedding at 45° to the C.A.							
	390.2 - 17.3 feet of light to fair po, very light to light sph, trace cpy.							
	390.3 - trace pbs. (galena).							
	391.0 - the bedding in the next 11.2 feet varies from 35° to 15° to the C.A. and is at 35° to the contact at 401.5 feet. Minor drags in the bedding noted.							
401.5 - 417.0	Meta-andesite (2). This rock is mineralized with light pyrrhotite and very light sphalerite in the first 6.1 feet (see 390.2 above) and is followed with a section of very light pyrrhotite mineralization. The last 1.9 feet is also mineralized with light po- very light sph (see below). The last 3.0 feet of this section consists of <del>very</del> five individual flows with contacts at 35° to the C.A.							
	405.4 - trace pbs (galena)							
	410.3 - 1.0 feet of light po-sph.							
	415.1 - 1.9 feet of light po- very light sph-epy.							
417.0 - 439.0	Leucocratic acid tuff. A very well bedded rock generally at 40° to the core axis. In places the bedding is contorted. The rock is cut by a general fracturing and there is a minor displacement of the beds along some of these fractures. There is a general light po-sph mineralization. Fairly heavy concentrations of sphalerite are noted in a few places over an inch of core or less. An exception is a sphalerite concentration between 431.6 and 434.0 feet.							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 9/44

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

PROPERTY FAR METAL MINES LIMITED

HOLE NUMBER 15

SHEET NUMBER four

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP .....

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH .....

DIRECTION AT START: BEARING .....  
 DIP .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
439.0 - 468.1	Flow breccia (2). This rock is very highly altered and heavily mineralized with pyrrhotite. These agencies have almost totally destroyed the rock. It is slightly schistose at 30° to the core axis. There is an irregular light sphalerite and a trace of chalcopyrite mineralization.				
468.1 - 481.1	Meta-andeiste (2). The contact with the previous section is at 35° to the core axis. The rock is impregnated with flakes of biotite mica which are arranged in streaks at 35° to the core axis. There is a general trace of pyrrhotite xls along with a few scattered xls of sph and cpy.				
481.1 - 493.7	Melanocratic acid tuff. This rock is well bedded at 35° to the core axis and the bedding steepens to 45° at 493.7 feet. The section is mineralized with light to fair pyrrhotite, light pyrite-sphalerite and with a trace of phenomenon. One contact of a very fine grained intrusive (possibly syenodiorite) winds along the core axis over this distance, its chilled edge truncated against perfectly bedded acid tuff. This syenodiorite (?) is mineralized with light po-py-sph.				
493.7 - 504.0	Meta-andesite (3). Contact with previous section at 45° to the core axis.				
504.0 - 529.0	Andesite (1). This rock is cut by irregular veinlets of quartz-calcite which are usually barren, or contain a few grains of pyrrhotite.				
529.0 -	END OF HOLE				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 8/44

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PROPERTY \_\_\_\_\_

HOLE NUMBER 15

SHEET NUMBER five

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_

DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING \_\_\_\_\_

DIP \_\_\_\_\_

STARTED \_\_\_\_\_ ✓

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
	SAMPLES						
	354.6 - 357.2	AuAgCuZn	205	2.6			
	365.8 - 370.0	AuAgZn	206	4.2			
	370.0 - 371.1	AuAgZn	207	1.1			
	371.1 - 374.2	AuAgZn	208	3.1			
	390.3 - 393.6	AuAgZn	209	3.3			
	393.6 - 398.6	AuAgZn	210	5.0			
	398.6 - 401.5	AuAgZn	211	2.9			
	401.5 - 402.0	AuAgZn	212	0.5			
	402.0 - 404.8	AuAgZn	213	2.8			
	404.8 - 407.6	AuAgZn	214	2.8			
	410.3 - 411.3	AuAgZn	215	1.0			
	415.1 - 417.0	AuAgCuZn	216	1.9			
	417.0 - 420.2	AuAgZn	217	3.2			
	420.2 - 423.4	AuAgZn	218	3.2			
	423.4 - 428.2	AuA Zn	219	4.8			
	428.2 - 430.4	<del>XXXXXXXXXX</del>	220	2.2			
	430.4 - 431.6	AuA Zn	221	1.2			
	431.6 - 432.7	AuAgZn	222	1.1			
	432.7 - 434.0	AuAgZn	223	1.3			
	434.0 - 435.2	AuAgZn	224	1.2			
	435.2 - 438.9	AuAgZn	225	3.7			
	438.9 - 440.2	AuAgZn	226	1.3			
	440.2 - 443.0	AuAgZn	227	2.8			
	443.0 - 446.6	AuAgZn	228	3.6			
	446.6 - 447.8	AuAgZn	229	1.2			
	447.8 - 448.8	AuAgZn	230	1.0			
	448.8 - 453.0	AuAgCuZn	231	4.2			
	453.0 - 457.6	AuAgZn	232	4.6			
	457.6 - 461.1	AuAgZn	233	3.5			
	461.1 - 463.2	AuAgZn	234	2.1			
	463.2 - 468.1	AuAgZnNi	235	4.9			

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 5744

DRILLED BY \_\_\_\_\_

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 15

SHEET NUMBER six

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
 DIP .....

STARTED ..... ✓

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
	SAMPLES Continued				
	481.4 - 483.5	AuAgZn	236	2.1	
	483.5 - 486.2	AuAgZn	237	2.7	
	486.2 - 490.1	AuAgZn	238	3.9	
	490.1 - 493.7	AuAgZn	239	3.6	

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 16

57714

# DIAMOND DRILL RECORD

SHEET NUMBER one

SECTION FROM ..... TO .....

LOCATION: LAT. 2300 NORTH

DEP. 130 WEST

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING 244° magnetic

DIP -60°

STARTED March 4, 1942.

COMPLETED March 7, 1952.

ULTIMATE DEPTH 426

PROPOSED DEPTH 450

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 5.0	Casing				
5.0 - 63.4	Basalt. A green black very fine grained rock with many carb filled amygdules a few of which are pyrite filled. There is a suggestion in places of a pillowed structure having been intersected. The rock is cut with a few quartz-carbonate filled irregular fractures. There is a flow contact at 27.0 feet measured at 40° to the core axis. The indication here is of westerly facing flow tops.				
63.4 - 68.9	Andesite (3). Possibly intrusive. A very fresh looking rock, very evenly textured and unfractured. The contact with the previous section is at 55° to the core axis.				
68.9 - 107.2	Basalt. This rock is identical to the rock in the section from 5.0 to 63.4. The contact with the previous section is at 65° to the core axis. The first 6" of flow contact material has been highly altered, and is cut by an irregular black tourmaline-quartz vein which is mineralized with a few xls. of sphalerite. This irregular vein is cut by a 1/2" barren quartz-carb vein which parallels the flow contact.				
107.2 - 114.0	Diorite. This rock compares closely to the andesite (3) in section 63.4 to 68.9. It is coarser grained particularly in the central part of this section. The contact with the previous section is at 40° to the core axis and the contained flow top material suggests westerly facing flow tops.				
114.0 - 208.9	107.7 - 1/2" Qtz-chlorite-carb vein at 10° to the C.A. which is cut at rt. angles by a 1/8" Qtz-carb vein bounded with 1/2" zones of alteration. There is a similar 1/8" vein at 109.6 feet. Andesite (3). With scattered carb filled amygdules, and a few Qtz-carb veinlets. The contact with the previous section is at 45° to the core axis.				
	142.0 - 1/2" b. tourmaline-Qtz vein at 15° to C.A. light py-min.				
	149.7 - flow contact at 30° to C.A.				
	204.0 - 2" of highly altered andesite min with irreg Qtz.				
	205.1 - 1" " " " " flanking 1/9" Qtz-carb vein at 70° to C.A.				
208.9 - 212.2	Meta-andesite (3). The alteration increases sharply to 212.2 feet. Very light po min in last 1.5 feet.				

PROPERTY FAB METAL MINES LIMITED

HOLE NUMBER 16

SHEET NUMBER two

# DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
 DEP. ....  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING .....  
 DIP .....

STARTED .....  
 COMPLETED .....  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
212.2 - 213.8	Tuff (?) The contact with the previous section is at 50° to the core axis. The rock is a very thinly bedded (at 40° to the core axis) quite gritty and from a grey green to grey in colour. It has a general fair pyrrhotite mineralization, very light sphalerite-chalcopyrite and a trace of PbS in the first 2".				
213.8 - 349.0	Meta-andesite (1). The contact with the previous section is at 40° to the core axis.				
	259.0 - 1" of fair po. light cpy.				
	299.5 - 4.1 feet of light sph-very light po min.				
	303.6 - 2.0 feet of fairly heavy sph-light po-epy and trace PbS. Average recognizable in latter. The sphalerite at 303.6 in stream at 30° to the core axis. The sph streaks as well as the rock becomes contorted towards 305.6, where the heavy sph stops abruptly in ground core. The contorted section contains acid tuff material.				
	305.6 - 0.4 foot section both ends ground which is cut by a 1/8" Qtz vein parallel to the C.A. and mineralized with xls of po-sph and galena.				
	312.7 - 0.8 foot section of mineralized rock flanking a 2" lense of acid tuff which trends at 30° to the core axis. Mineralization consists of fair po-py and light sph-PbS.				
	324.9 - a flow contact at 35° to the C.A.				
	344.2 - 3.7 feet of light sph-trace PbS.				
	347.9 - 1.8 feet of fair po-sph-light cpy-PbS.				
349.0 - 353.3	Acid tuff. The contact with the previous section as well as the bedding is at 25° to the core axis.				
	349.7 - 2.0 feet of fair po-sph-very light spy-PbS.				
	352.3 - 1.5 feet of light po-sph-epy.				
353.3 - 361.5	Meta-andesite (1).				
	353.8 - 1.0 foot of very light po-sph.				
	354.8 - 1.7 feet of light po-sph-very light cpy.				
	356.5 - 5.0 feet of light po-trace sph.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 501 REV. 8/44

DRILLED BY .....

SIGNED .....

PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 16SHEET NUMBER three

## DIAMOND DRILL RECORD

SECTION FROM ..... TO .....

LOCATION: LAT .....  
DEP. ....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....  
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
361.5 - 365.0	Acid tuff. The contact with the previous section is at 50° to the core axis.				
365.0 - 373.1	361.5 - 373.1 feet of fair po-sph-trace cpy. Meta-andesite (1). The alteration in this rock decreases progressively to 373.1 feet.				
373.1 - 426.0	Andesite (1). This rock is cut by a few barren qtz-olivine ? veins. 386.0 - qtz-olivine ? vein ground in block possibly 1.5 inches wide. This vein is mineralized with heavy cpy-and xls of sph-po-PbS. 426.0 - END OF HOLE.				
	SAMPLES				
	212.2 - 213.8	AuAgCuZn	240	1.6	
	299.5 - 303.6	AuAgZn	241	4.1	
	303.6 - 305.6	AuAgCuZnNiCo	242	2.0	
	312.7 - 313.5	AuAgZnPb	243	0.8	
	344.2 - 347.9	AuAgZnPb	244	3.7	
	347.9 - 349.7	AuAgZnCuNiPbCo	245	1.8	
	349.7 - 352.3	AuAgCuZnPb	246	2.6	
	352.3 - 353.8	AuAgZn	247	1.5	
	353.8 - 354.8	AuAgZn	248	1.0	
	354.8 - 356.5	AuAgCuZn	249	1.7	
	356.5 - 361.5	AuAgZn	250	5.0	
	361.5 - 364.6	AuAgCuZn	251	3.1	

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV. 9/44

DRILLED BY

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 17

57716

## DIAMOND DRILL RECORD

SHEET NUMBER 029

SECTION FROM ..... TO .....

LOCATION: LAT. 2005 NORTH  
 DEP. on the baseline  
 ELEVATION OF COLLAR 2020  
 DATUM .....

DIRECTION AT START: BEARING 250° magnetic  
 DIP -60°

STARTED March 10, 1952  
 COMPLETED March 12, 1952  
 ULTIMATE DEPTH 367  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
4.0	Casing				
4.0 - 99.5	Basalt. This rock contains scattered carbonate filled amygdules, some of which contain grains of pyrrhotite and chalcopyrite. The section is cut by a few irregular qtz-carb veinlets which are usually barren, although some contain minor pyrrhotite and/or chalcopyrite mineralization. There is a flow contact at 85.5 feet at 26° to the core axis.				
99.5 - 193.0	Andesite (3). The contact with the previous section is at 30° to the core axis. The rock is rather evenly textured, fresh looking relatively unfractured, and contains a few scattered carb filled amygdules. There is a flow contact at 119.4 feet, measured at 35° to the C.A.				
193.0 - 214.0	Meta-andesite (3). The contact with the previous section is at 40° to the core axis. All of the alteration in this section is very light which alteration increases very abruptly in the last few inches, where the rock is then a dull grey in colour. The last few inches contains a very light pyrrhotite mineralization, a few grains of sphalerite and there is a minute plate of galena at 213.8 feet at 50° to the core axis.				
214.0 - 223.6	Melanocratic acid tuff. The bedding in this section of rock is perfect at 40° to the core axis.				
	214.0 - 2.8 feet of light po-sph, trace cpy. The cpy is in fractures at rt. angles to the bedding.				
	214.0 - 0.3 feet of light po-sph, trace cpy. The cpy is in fractures at rt. angles to the bedding.				
	214.3 - thin plate of pbs par the bedding.				
	216.8 - 1.6 feet of very light sph-po.				
	218.4 - 0.9 feet of very light po-sph, trace cpy.				
	218.9 - plate pbs at rt. angles to bedding, and one par the bedding.				
	219.3 - 4.6 feet of very light sph, fair po, trace cpy.				

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM NO 501 REV. 8/44

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PROPERTY FAB METAL MINES LIMITEDHOLE NUMBER 17SHEET NUMBER two**DIAMOND DRILL RECORD**

SECTION FROM ..... TO .....

LOCATION: LAT.....  
DEP.....

STARTED.....

ELEVATION OF COLLAR.....

COMPLETED.....

DATE.....

ULTIMATE DEPTH.....

DIRECTION AT START: BEARING.....  
DIP.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
223.6 - 308.0	Meta-andesite (1). The contact with the previous section is at 40° to the core axis. The alteration consists of a highly silicified phase in the first two feet followed by a highly carbonated phase to the next contact. The rock near the contact at 308.0 is heavily flaked with biotite mica in streaks paralleling the bedding in the next section. The carbonated phase of this rock is cut by a few stringers and veinlets of qtz carbonate, these usually barren of sulphide mineralization. There is a 1" tuff bed at 235.2 feet. which straddles a 1.0 foot zone of light pyrrhotite, trace chalcopryite mineralization.				
308.0 - 312.2	Lococoeratic acid tuff. The contact with the previous section as well as the bedding in this section is at 50° to the core axis. There is a general light pyrrhotite mineralization in this section, and a lense of massive pyrite (6") at 310.7. This lense of pyrite conforms to the bedding. There is a very light sphalerite mineralization between 307.8 and 310. A trace of chalcopryite is noted in tiny fractures which trend at rt. angles to the bedding.				
312.2 - 316.0	Meta-andesite (1). The alteration decreases progressively to 316.0 feet				
316.0 - 367.0	Andesite (1). This rock is cut by a few qtz-epidote ? veins which are barren of sulphide mineralization.				
	367.0 - END OF HOLE				
	SAMPLES				
	214.0 - 216.8	AuAgZn	252	2.8	
	216.8 - 218.4	AuAgZn	253	1.6	
	218.4 - 219.3	AuAgZn	254	0.9	
	219.3 - 223.9	AuAgZn	255	4.6	
	307.8 - 310.0	AuAgZn	256	2.2	
	310.0 - 312.2	AuAg	257	2.2	

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 801 REV. 8/44

DRILLED BY.....

SIGNED.....

Surface Geological Plan

↑  
Fab. Metal Mines

Parkin Township.

by  
Seward and Knight.

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Borrowed by J. E. Thomson  
April 1, 1958

OFFICE OF MINING RECORD



411155W0129 0017 PARKIN



ONTARIO  
DEPARTMENT OF MINES

900

SUDBURY MINING DIVISION  
SUDBURY, ONTARIO

May 2nd, 1952.

Dr. M. E. Hurst,  
Provincial Geologist,  
Ont. Dept. of Mines,  
Parliament Buildings,  
TORONTO, Ontario.

Dear Sir:

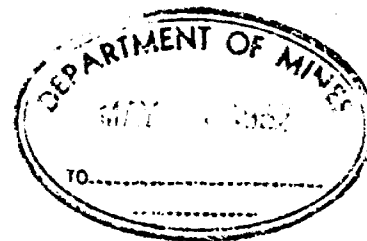
Please find enclosed herewith a revised plan handed to me by the Fab Metal Mines Ltd., for your information. This plan shows the diamond drill holes in relation with the boundaries of the mining claims held by Fab Metal Mines,

Yours truly,

  
J. R. McGinn,  
Mining Recorder.

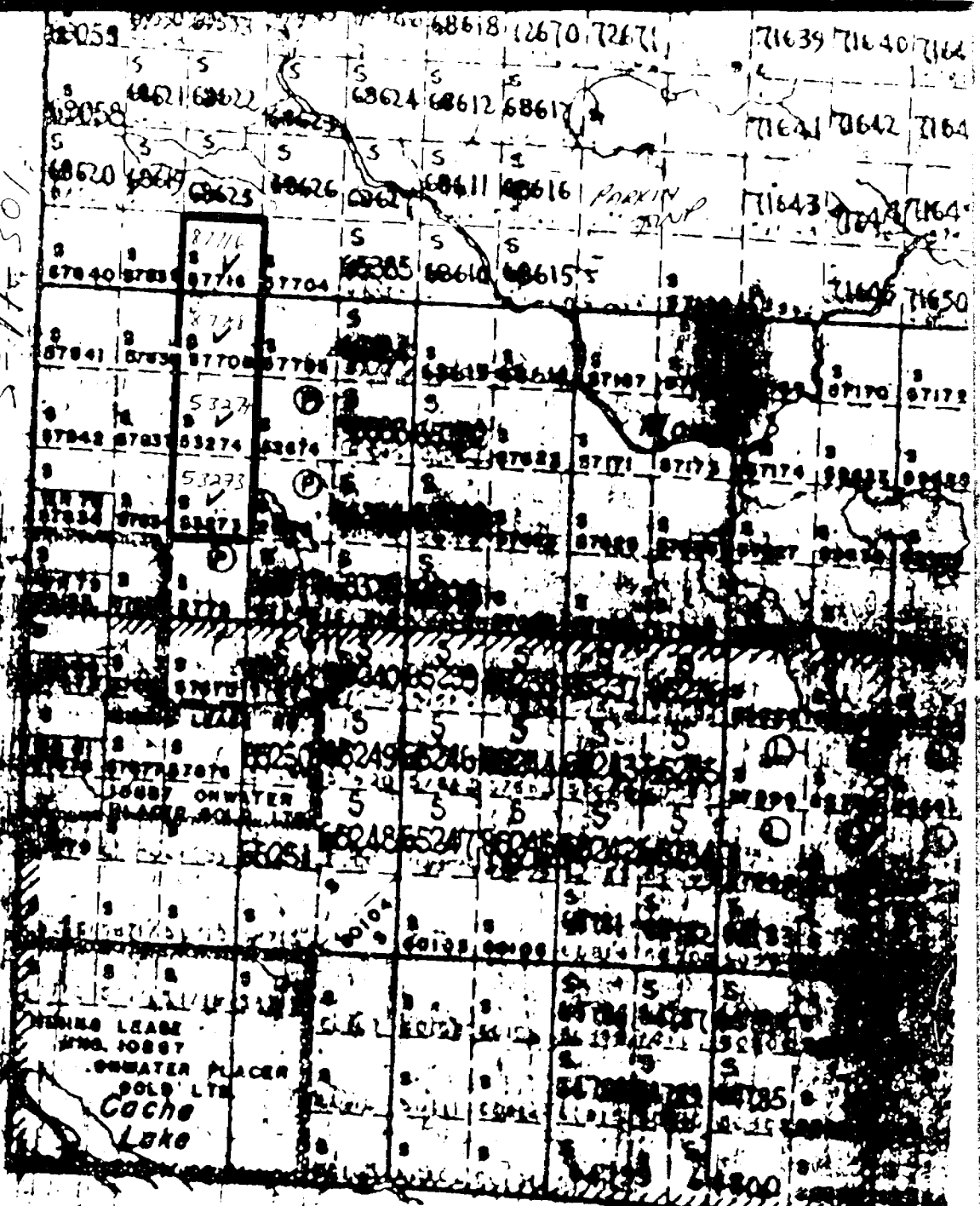
JRM/DAJ.

Encl.



WATER LEASE

77301

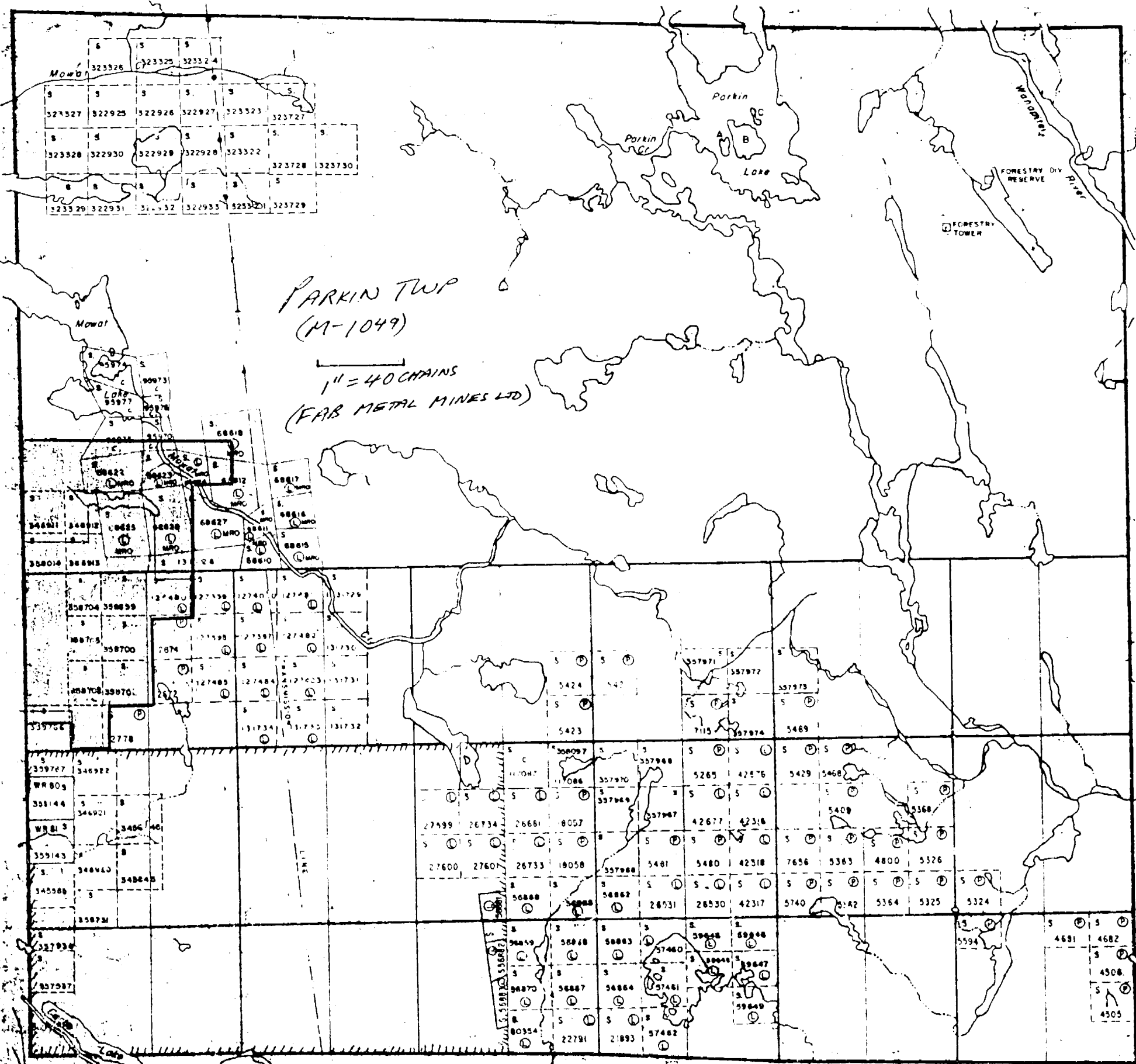


12 11 10 9 8 7

Nov

Map of land

Fraleck Twp. M-816

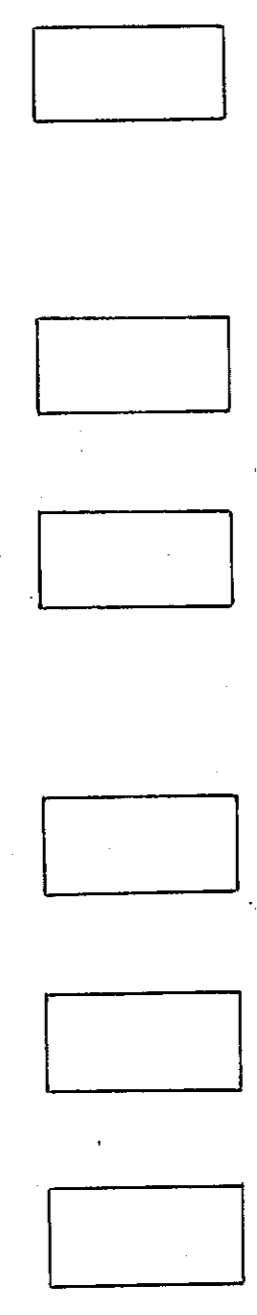
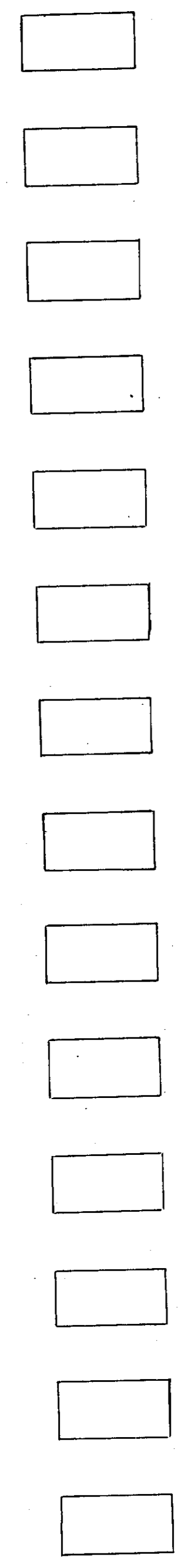
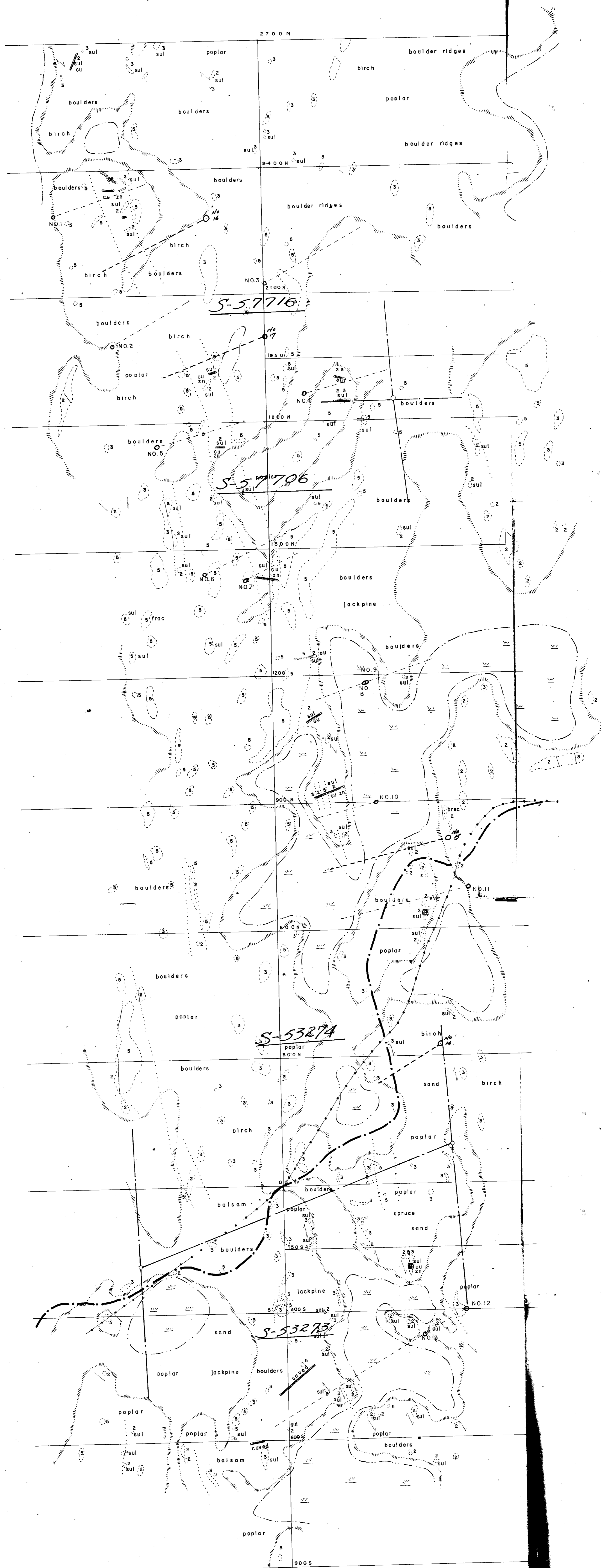


PARKIN TWP  
(M-1049)  
1" = 40 CHAINS  
(FAB METAL MINES LTD)

Hutton Twp. M-944

Aylmer Twp. M-641





FAB METAL MINES LIMITED  
 Parkin Township Sudbury Mining Division  
 Ontario

**GEOLOGICAL PLAN**  
 Mining Claims S 53273, 74 & 57706

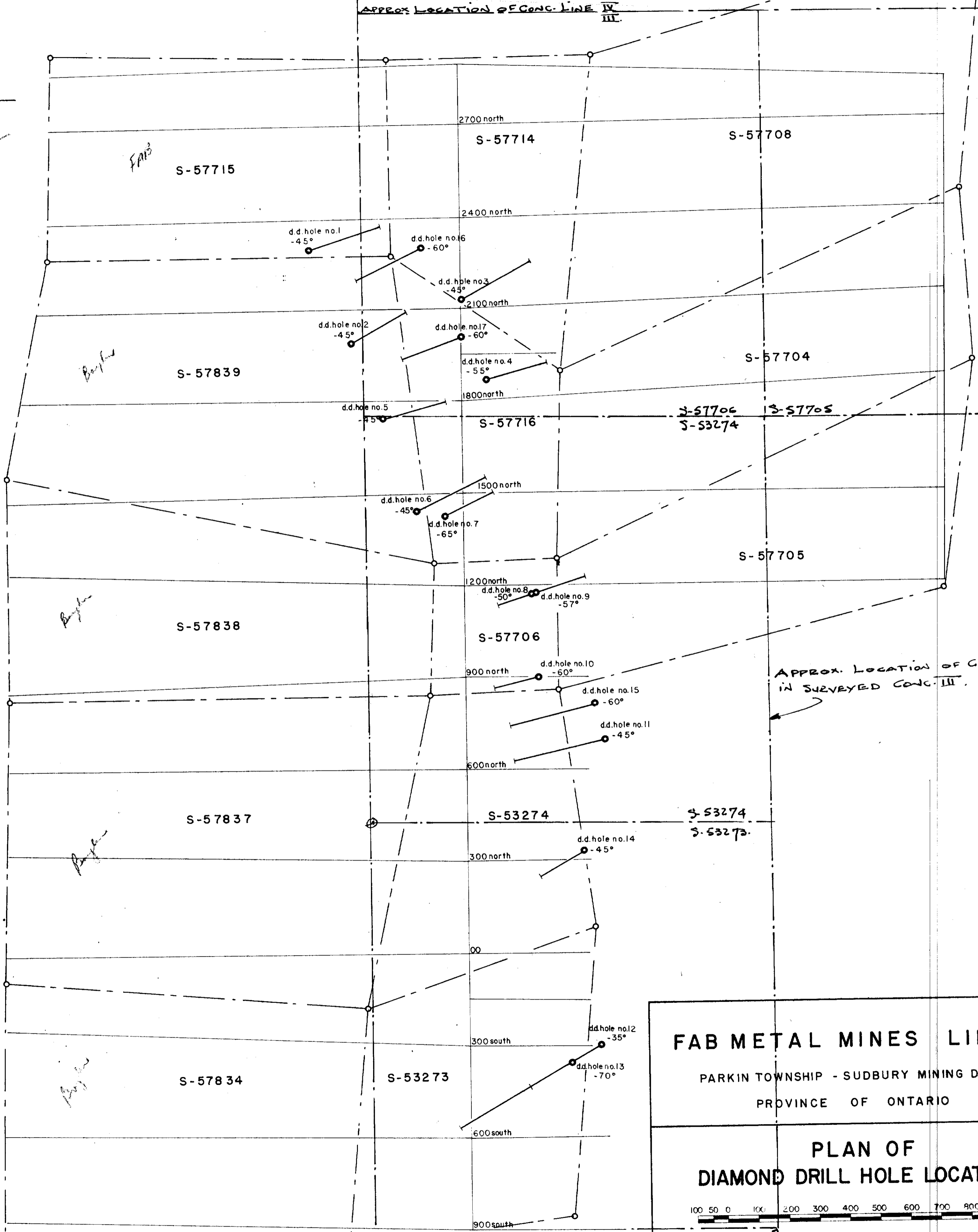
0 50 100 200 300 400 500  
 Scale Feet



NORTH

MAGNETIC

APPROX. LOCATION OF CONC. LINE IV  
III

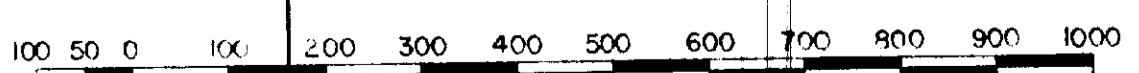


APPROX. LOCATION OF CLAIN BOYS  
IN SURVEYED CONC. III.

FAB METAL MINES LIMITED

PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
PROVINCE OF ONTARIO

PLAN OF  
DIAMOND DRILL HOLE LOCATIONS



350' from West Bdy  
OF TWP. SCALE - FEET

PARKIN-0017-#2



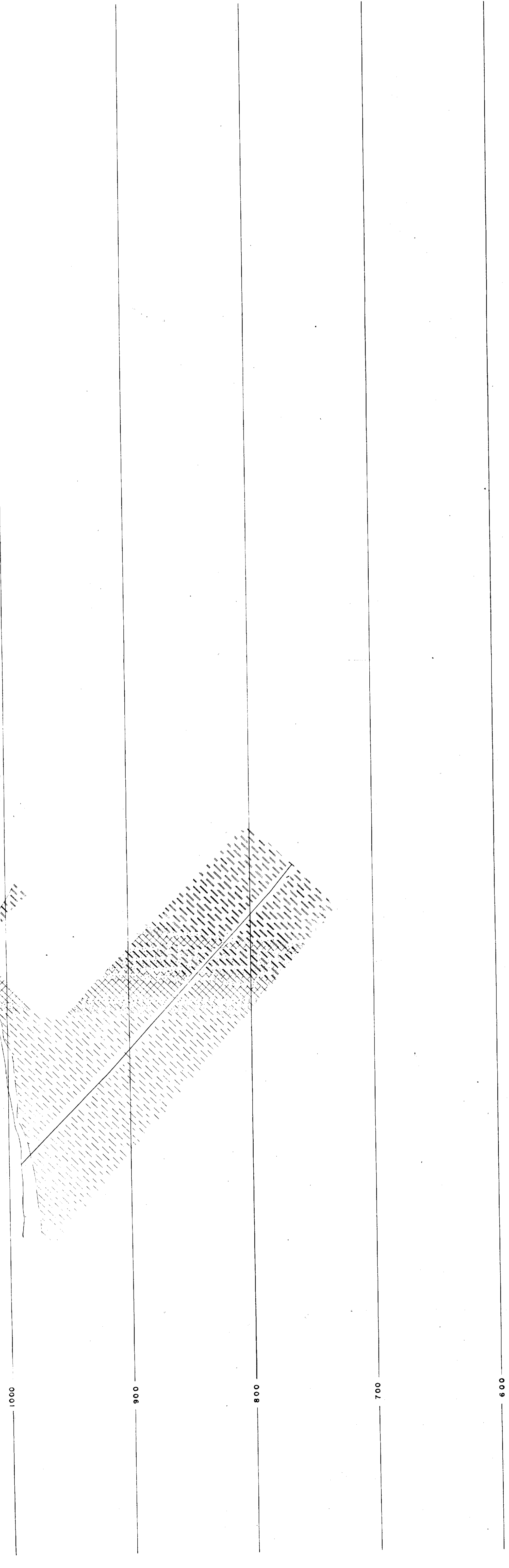
LEGEND

- ALTERATION
- FELSITE
- ANDESITE 1
- ANDESITE 2
- TUFF

072° magnetic

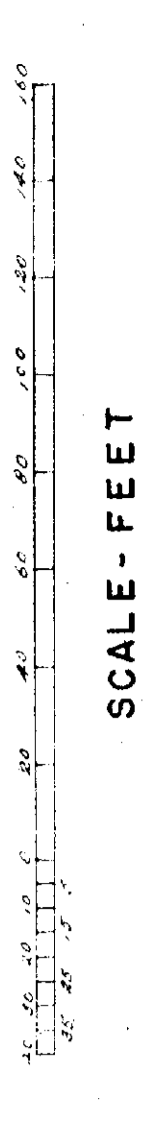


DRILL  
HOLE  
#0.1  
-45°



FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION A-A

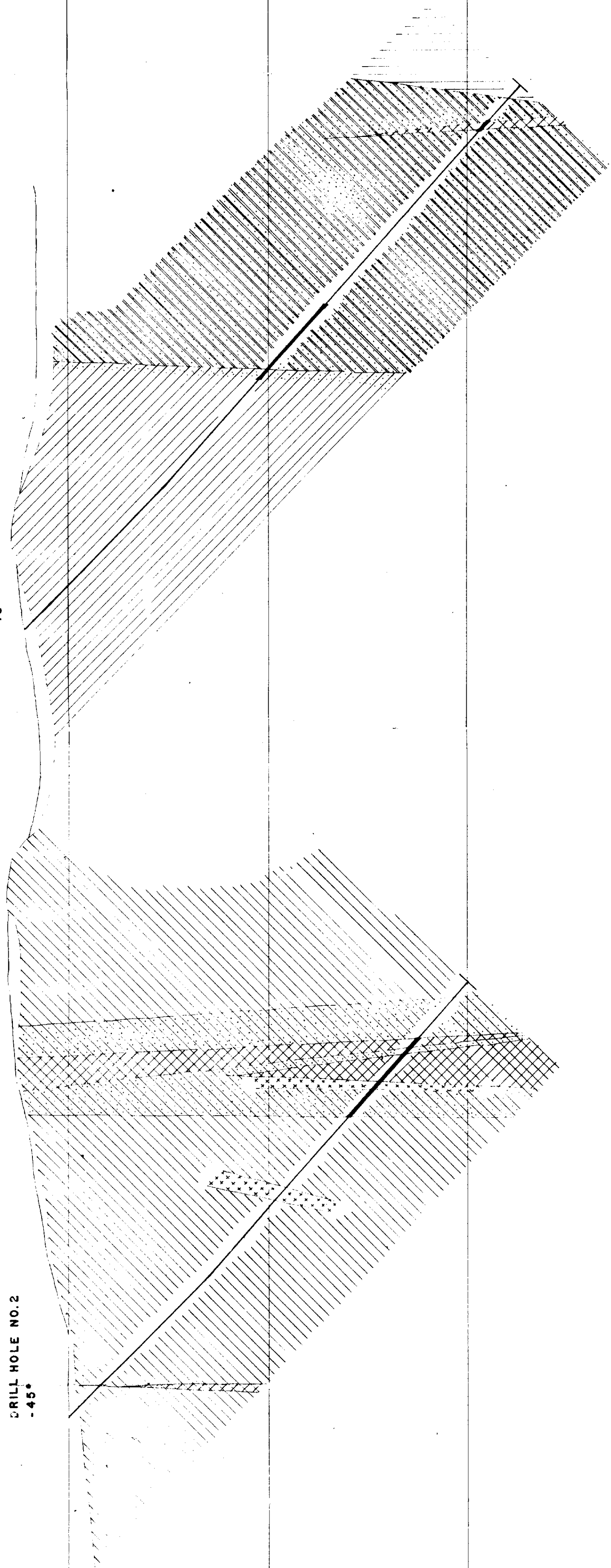


PARKIN-0017-13



061° MAGNETIC

DRILL HOLE NO. 3  
-45°

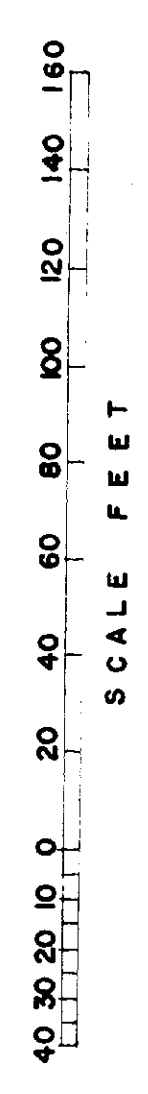


### LEGEND

- SULPHIDE MINERALIZATION
- ALTERATION
- SYENODIORITE
- ANDESITE 1
- ANDESITE 2
- BASALT
- TUFF
- RHYOLITE

FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

### VERTICAL SECTION B-B

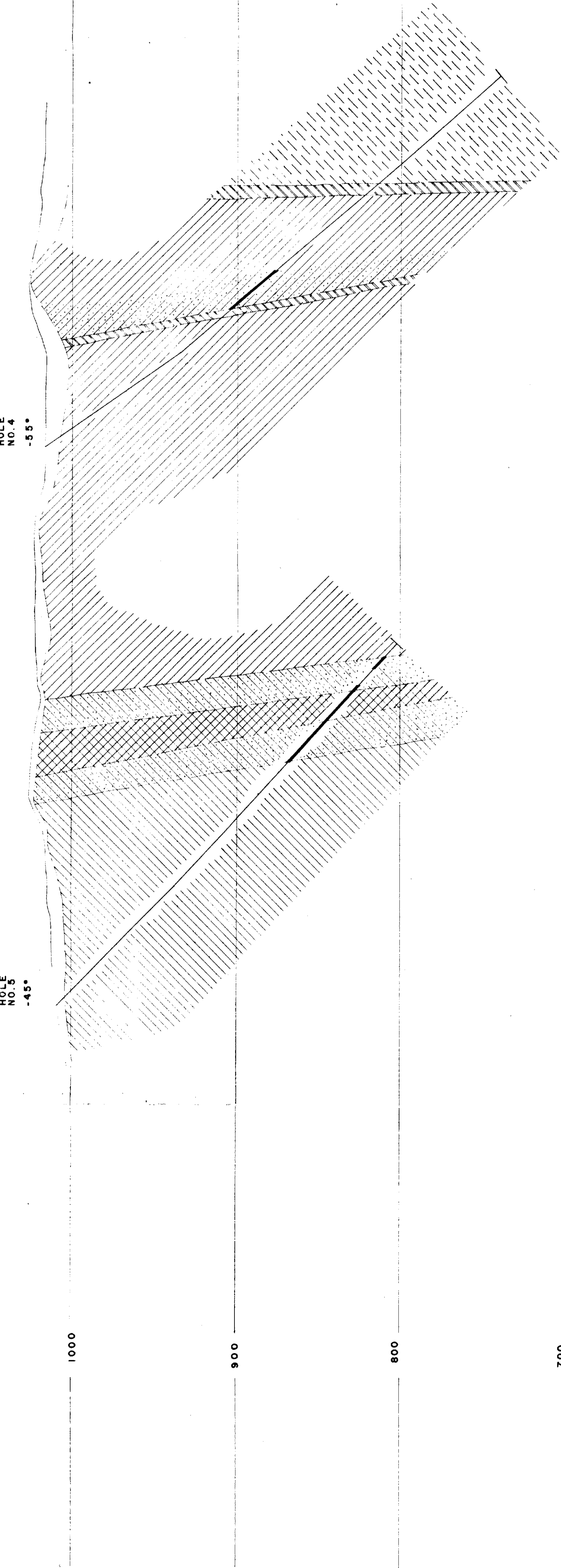


PARKIN-0017-#4

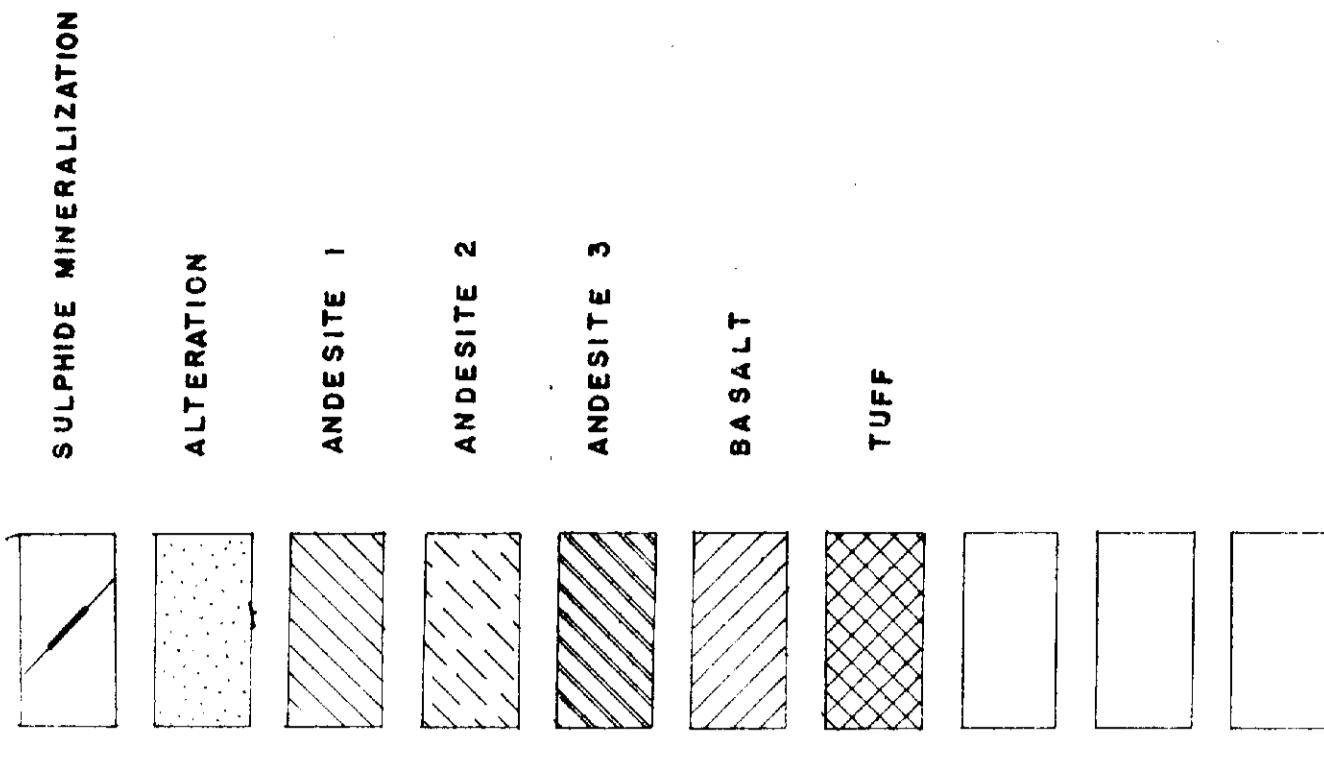
075° magnetic

HOLE NO. 4 -55°

HOLE NO. 5 -45°

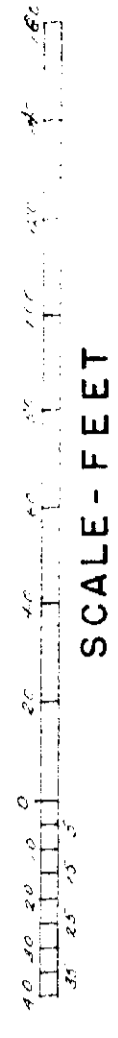


LEGEND



FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION C-C

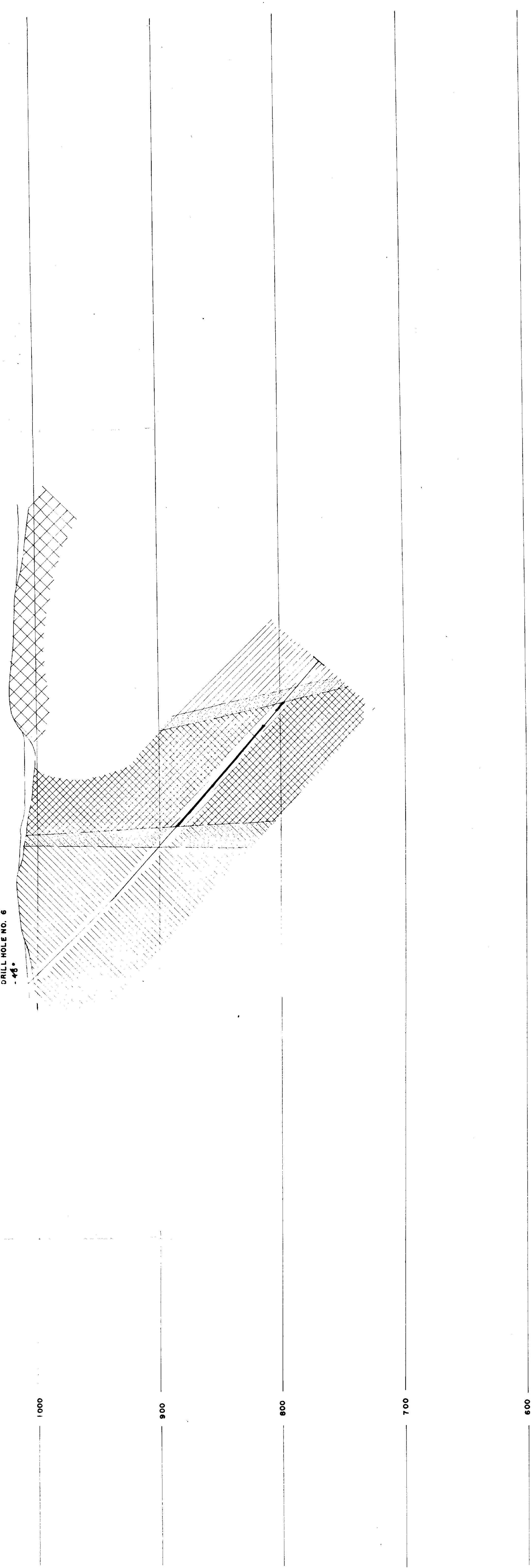
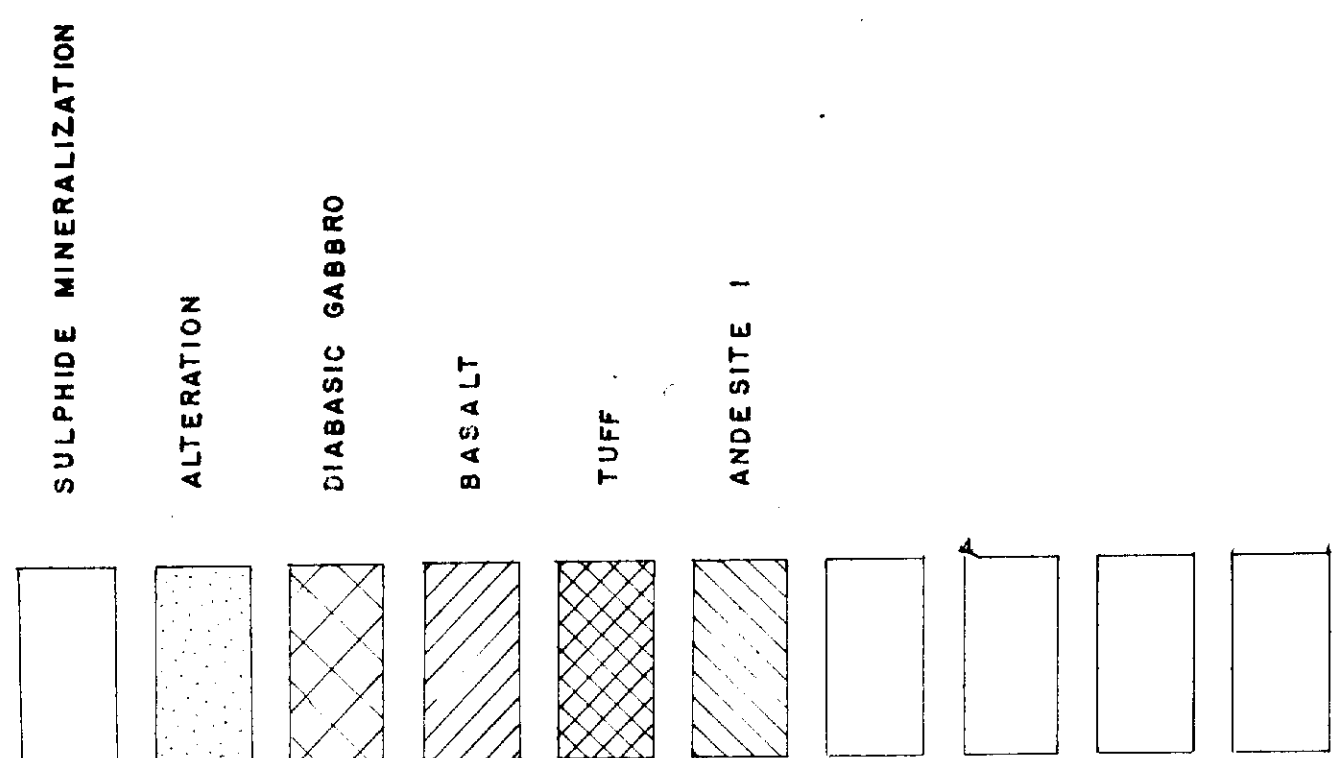


PARKIN-0017-F5

064° MAGNETIC

DRILL HOLE NO. 6  
-48°

LEGEND

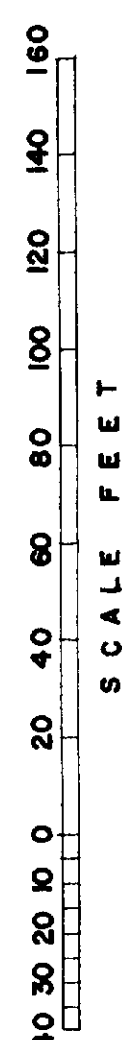


FAB METAL MINES LIMITED

PARKIN TOWNSHIP - SUDBURY MINING DIVISION

PROVINCE OF ONTARIO

VERTICAL SECTION D-D



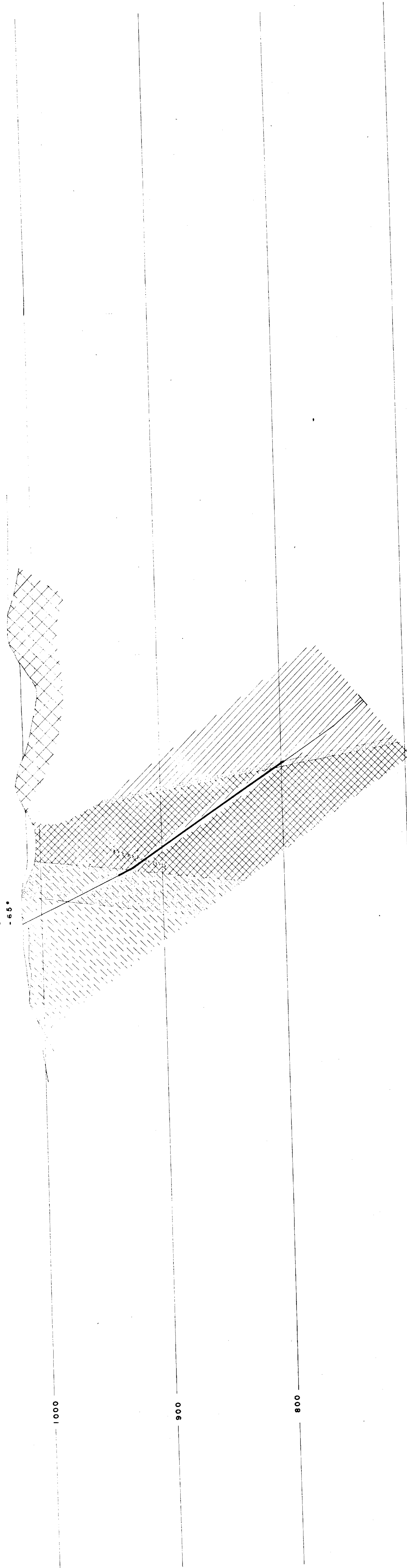
PARKIN-0017-#6





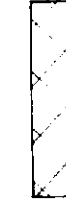







411588028 0017 PARKIN

0647 - 10/10/52

DRILL HOLE NO. 7.  
- 65°

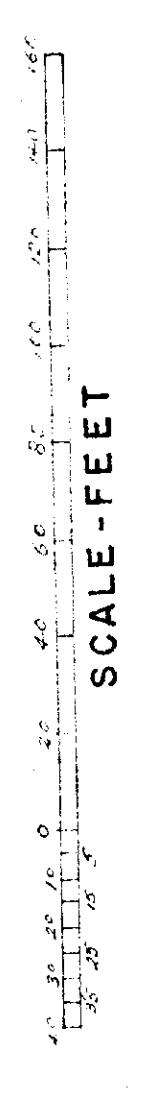


LEGEND

-  SULPHIDE MINERALIZATION
-  ALTERATION
-  DIABASIC GABBRO
-  FELSITE
-  BASALT
-  TUFF
-  ANDESITE I
- 
- 
- 

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 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION E-E



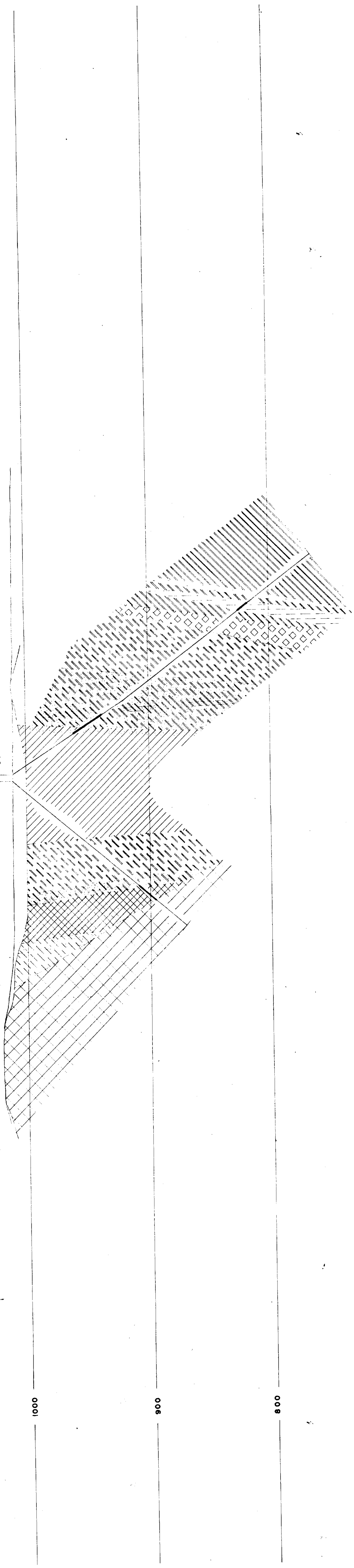
PARKIN-0017-#7



057° magnetic

DRILL HOLE NO. 8.  
- 30°

DRILL HOLE NO. 9.  
- 57°



LEGEND

- SULPHIDE MINERALIZATION
- ALTERATION
- DIABASIC GABBRO
- ANDESITE 1
- ANDESITE 2
- ANDESITE 3
- BASALT
- AGGLOMERATE
- QUARTZ LATITE

FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

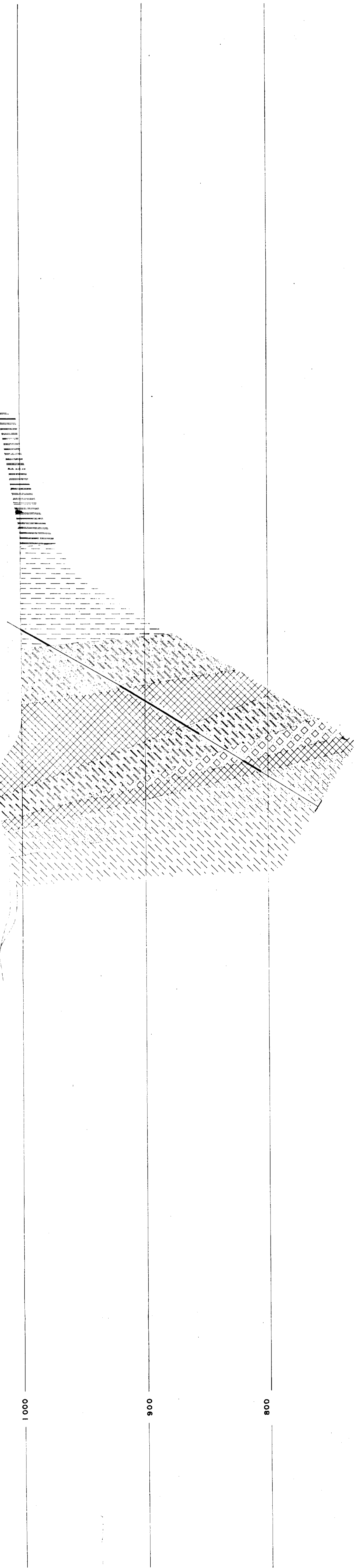
VERTICAL SECTION F-F  
 SCALE - FEET

PARKIN-0017-8


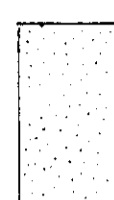
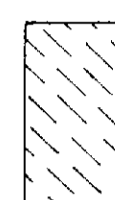



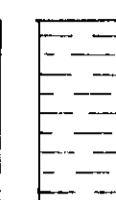
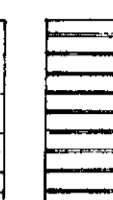
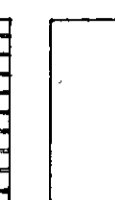
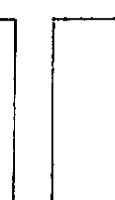


076° magnetic

DRILL HOLE NO. 10.  
-60°

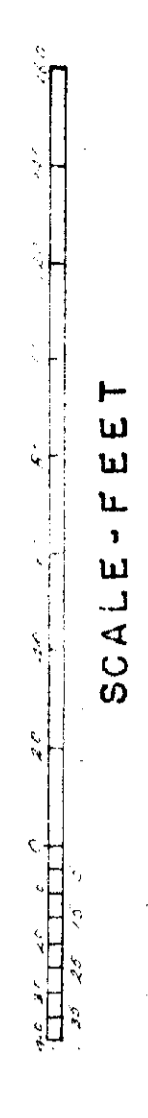


LEGEND

-  SULPHIDE MINERALIZATION
-  ALTERATION
-  ANDESITE 1
-  ANDESITE 2
-  AGGLOMERATE
-  TUFF
-  QUARTZ LATITE
-  RHYOLITE
- 
- 

FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION G-G



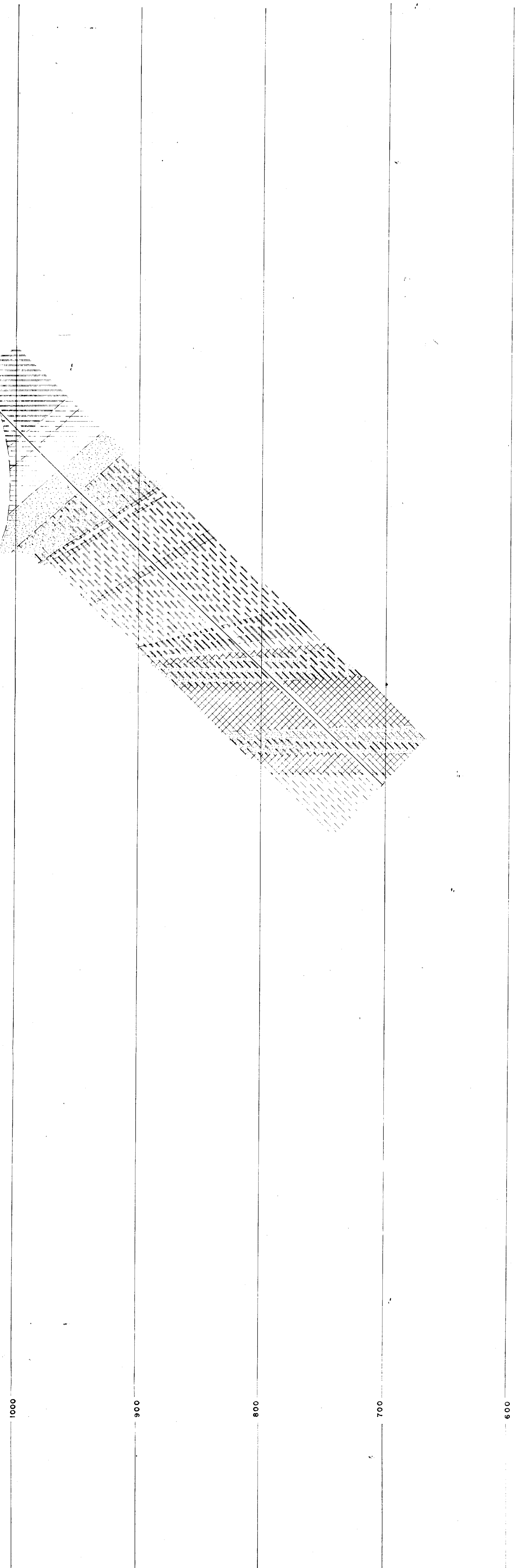
PARKIN-0017-P 9



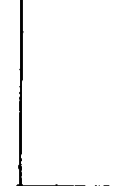
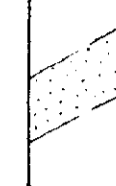
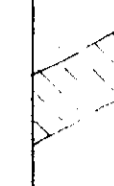

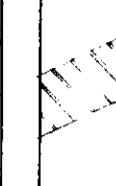
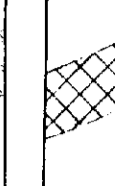
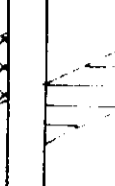
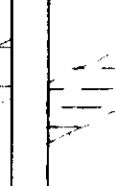
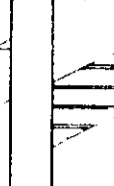
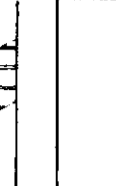
257 • magnetic



drill hole  
no. 11  
-45°



LEGEND

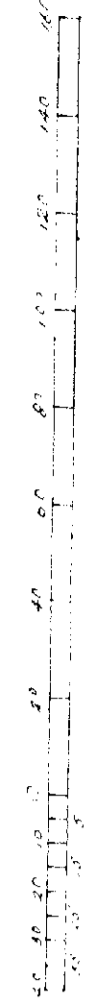
-  ALTERATION
-  ANDESITE 1
-  ANDESITE 2
-  ANDESITE 3
-  TUFF
-  DACITE 1
-  QUARTZ LATITE
-  RHYOLITE
- 
- 

FAR METAL MINES LIMITED

PARKIN TOWNSHIP - SUDBURY MINING DIVISION

PROVINCE OF ONTARIO

VERTICAL SECTION H-H



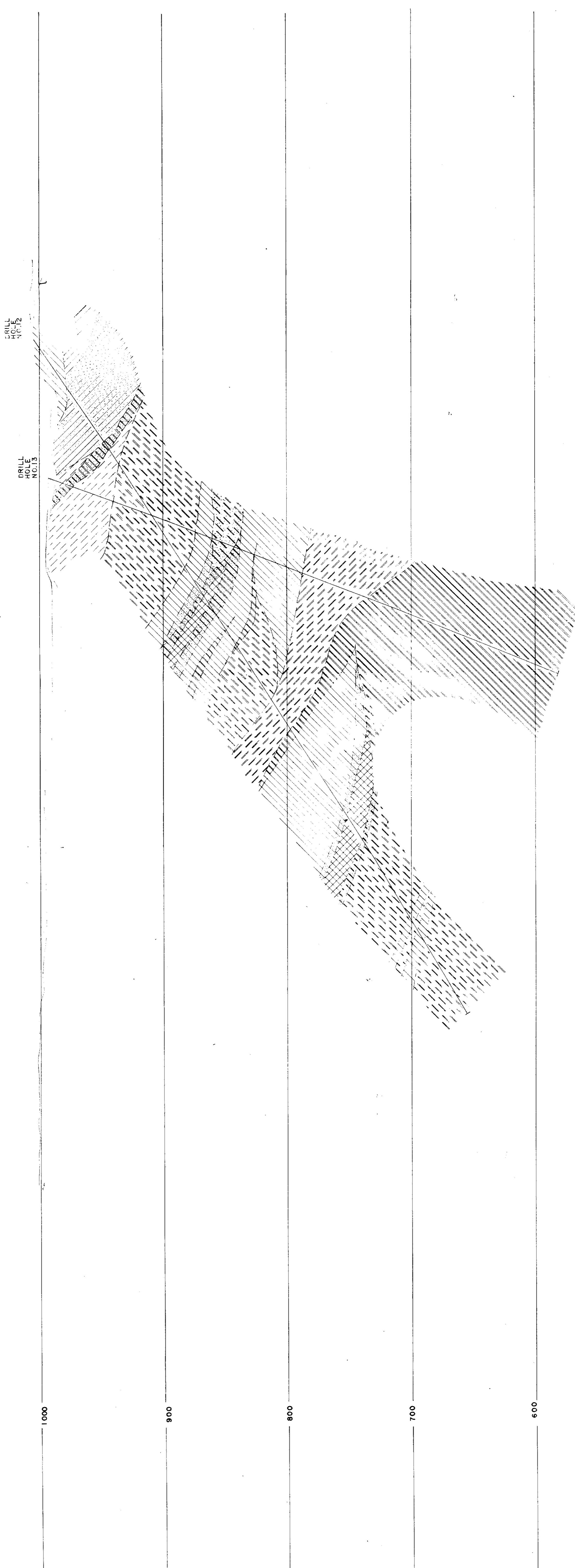
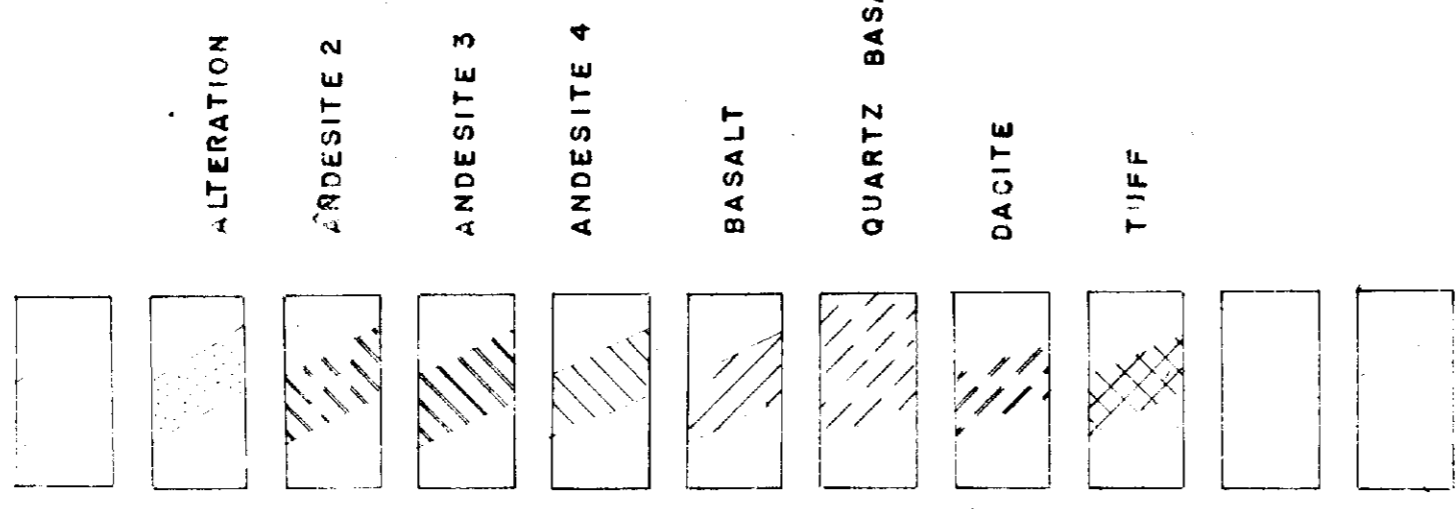
SCALE FEET

PARKIN-0017-10



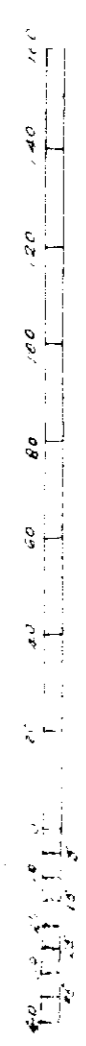
4115598125 0017 PARKIN

LEGEND

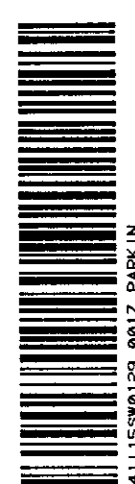


FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP SUBSURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION J-J



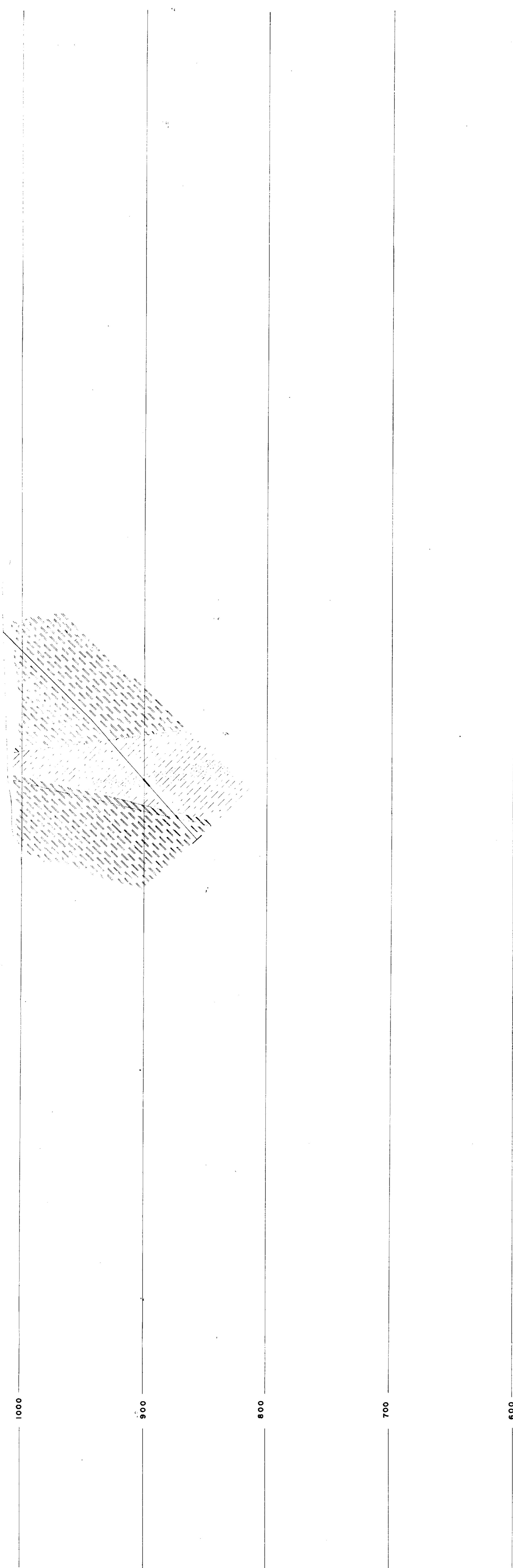
PARKIN-0017-#11





060° magnetic

DRILL HOLE NO. 14.  
-45°

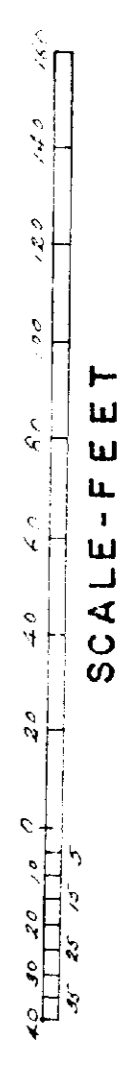


LEGEND

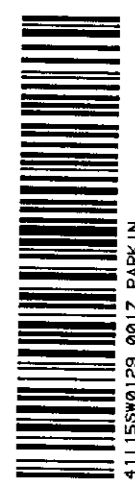
- SULPHIDE MINERALIZATION
- ALTERATION
- ANDESITE 2
- QUARTZ BASALT
- ANDESITE 3

FAB METAL MINES LIMITED  
PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
PROVINCE OF ONTARIO

VERTICAL SECTION K-K

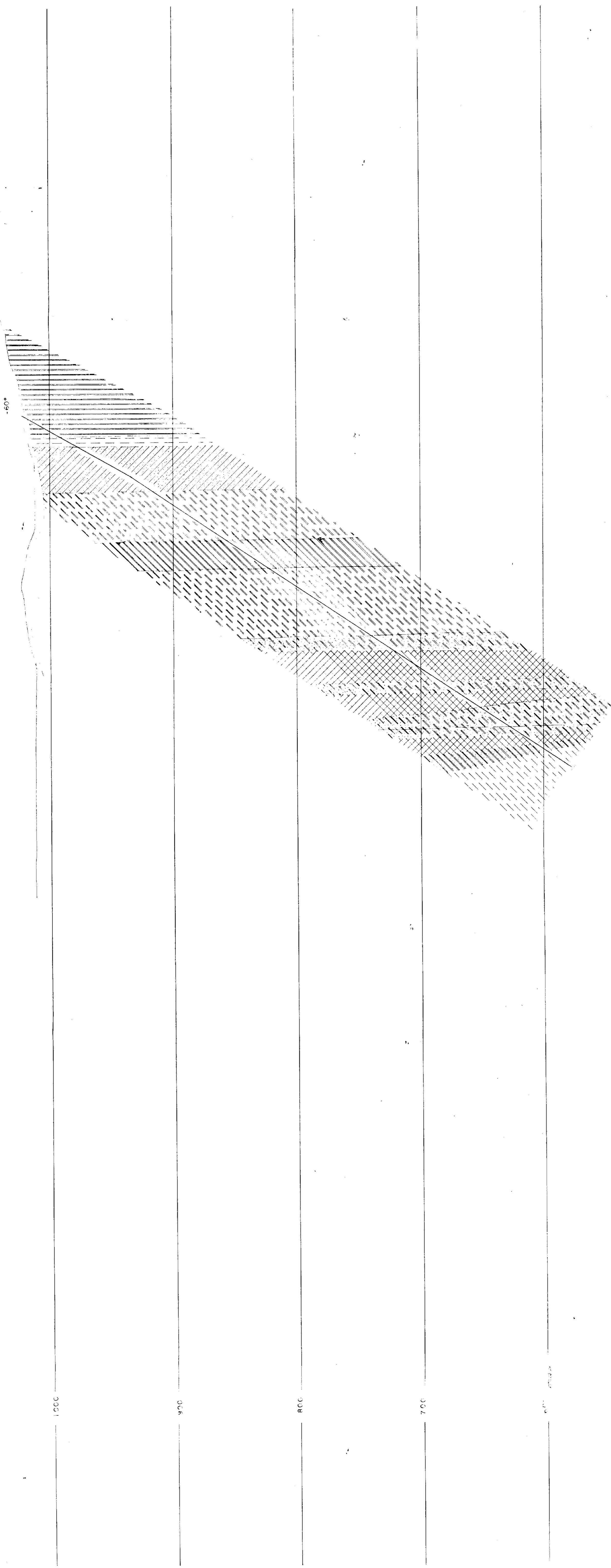


Parkin-0017-#12



256° magnetic

hole  
no. 15  
-60°



LEGEND

- ALTERATION
- RHYOLITE
- QUARTZ LATITE
- BASALT
- ANDESITE 2
- ANDESITE 3
- TUFF
- ANDESITE 1

FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUBBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION M-M

SCALE - FEET

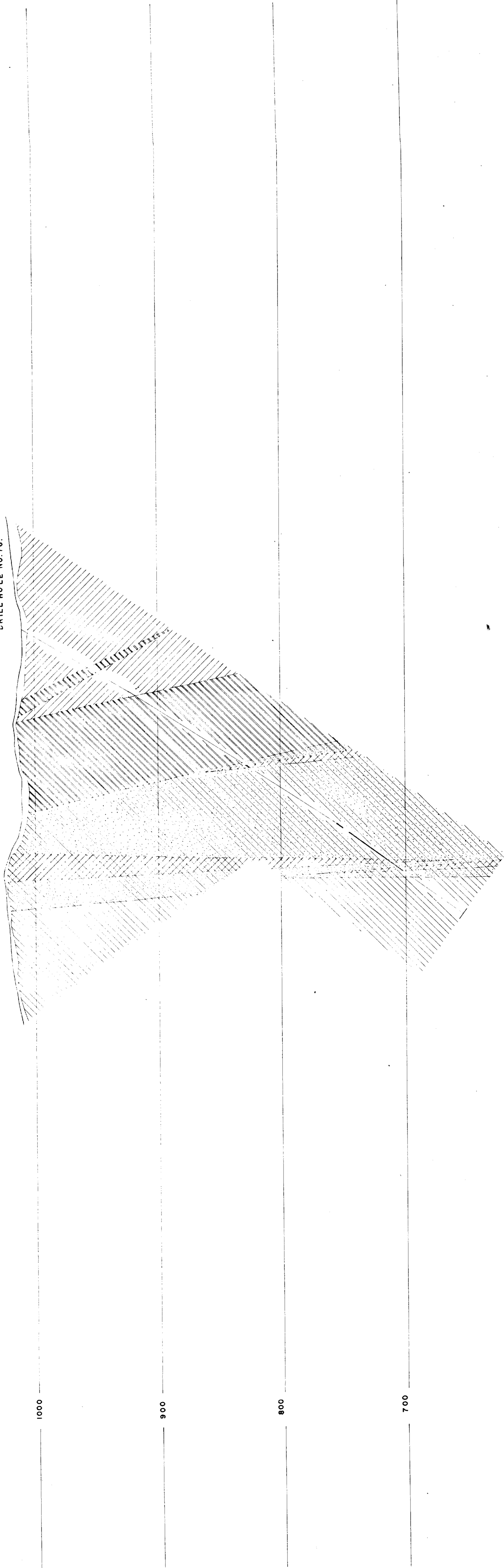
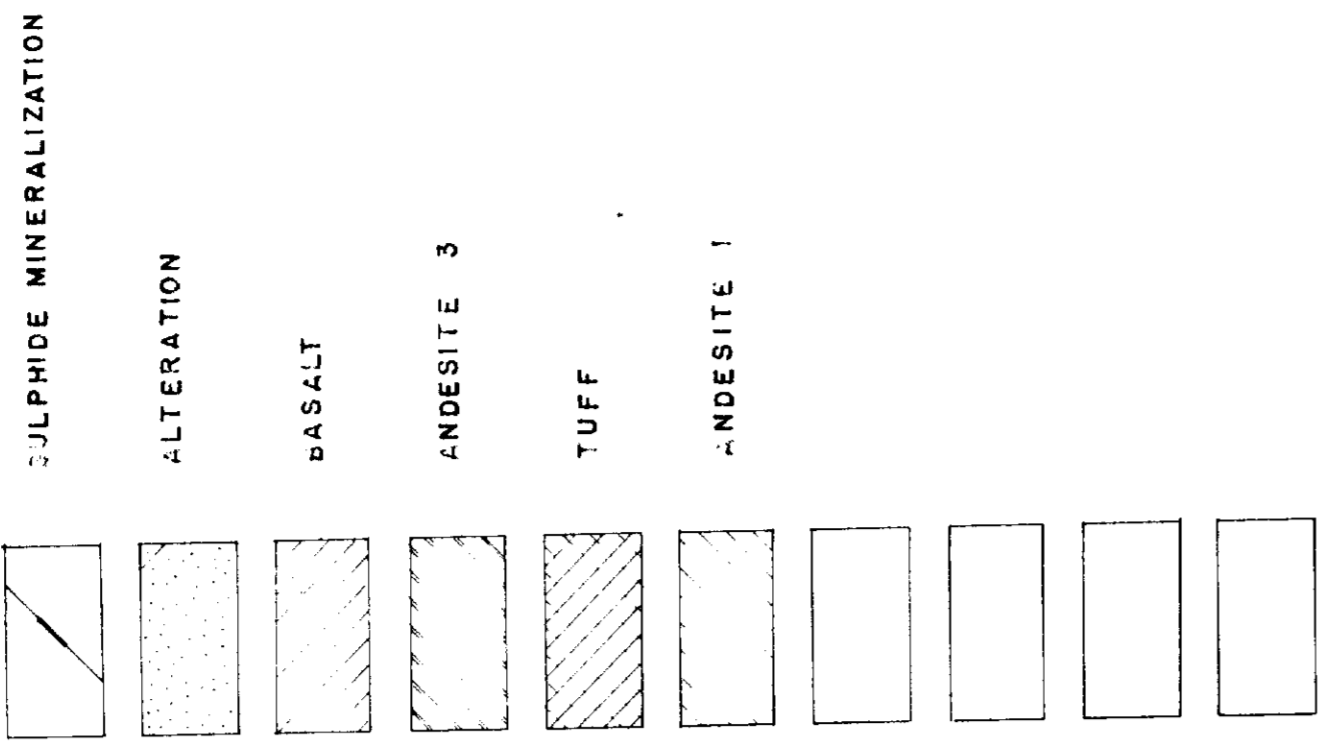
Parkin - 0017 - #13



064° magnetic

DRILL HOLE NO. 16.

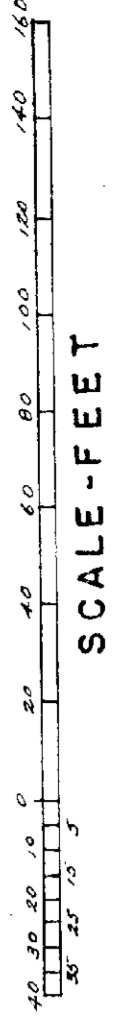
LEGEND



FAB METAL MINES LIMITED

PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
PROVINCE OF ONTARIO

VERTICAL SECTION N-N

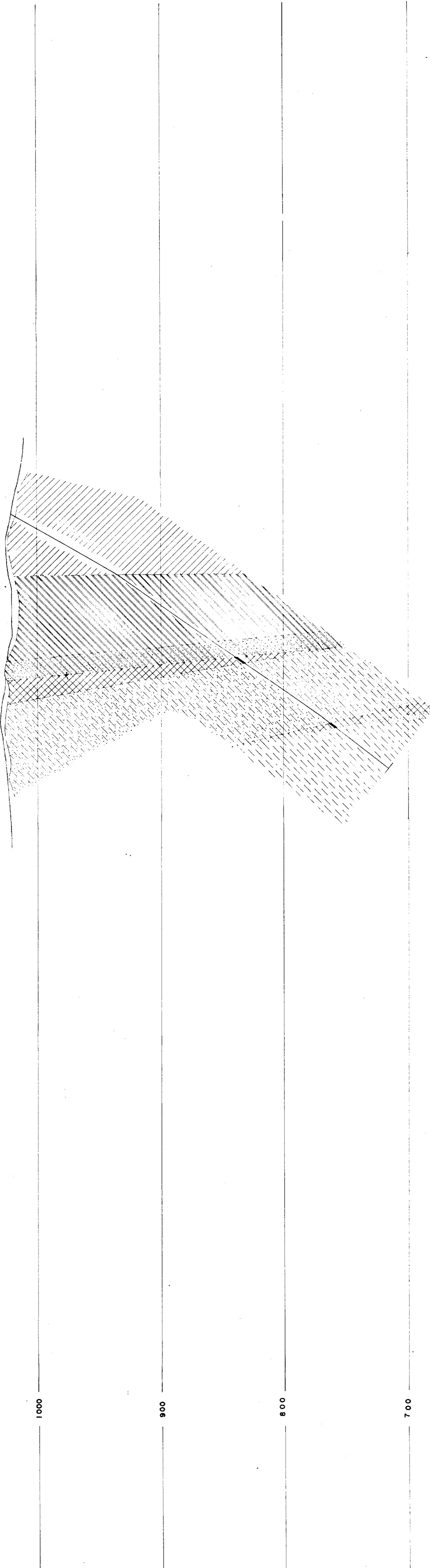
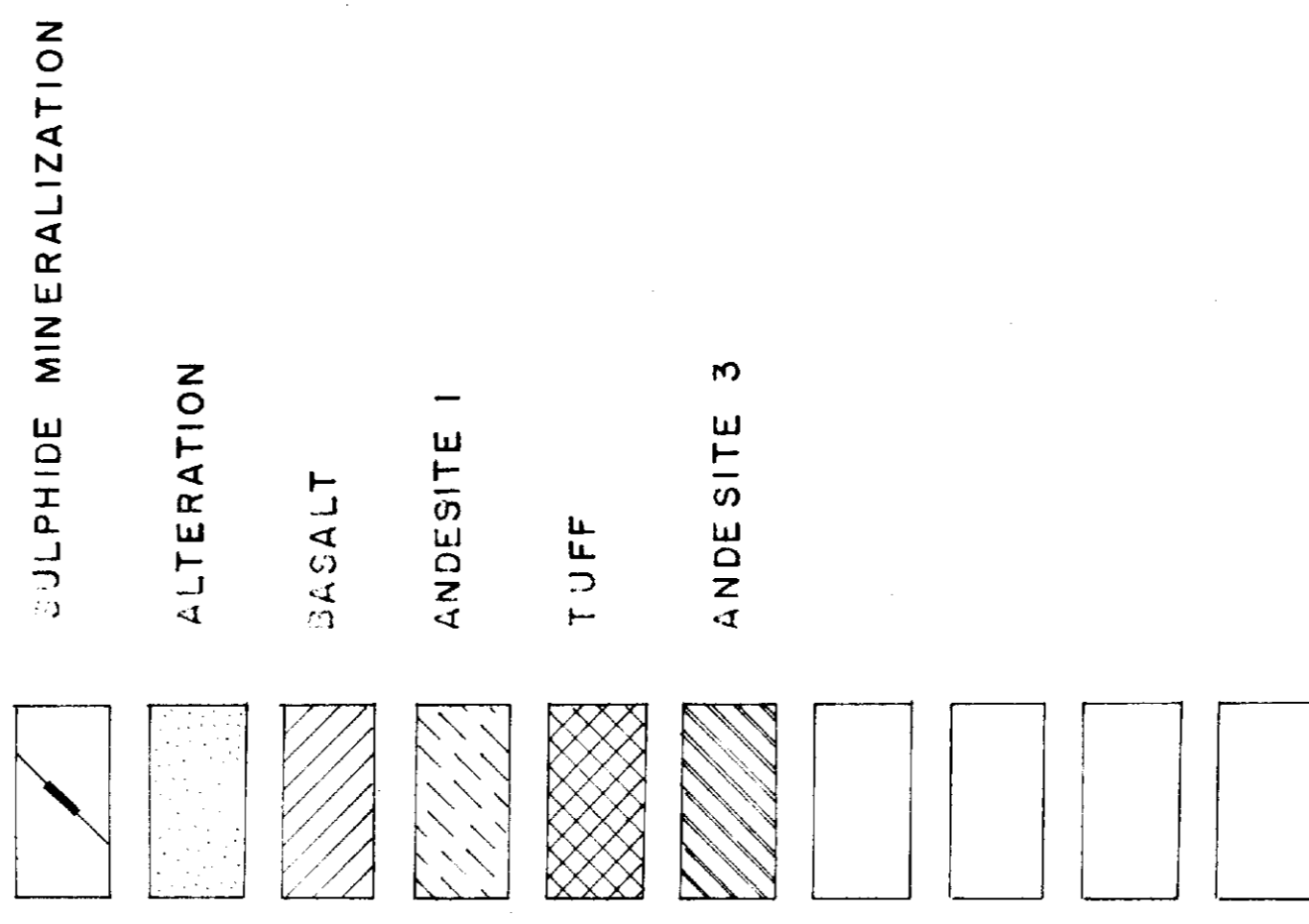


PARKIN - 0017 - #14



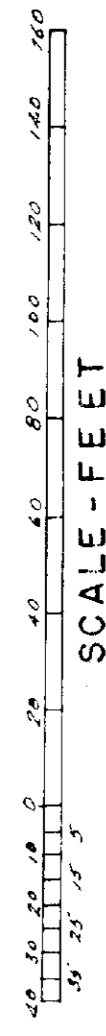
070° magnetic  
 DRILL HOLE NO. 17.  
 - 60°

LEGEND



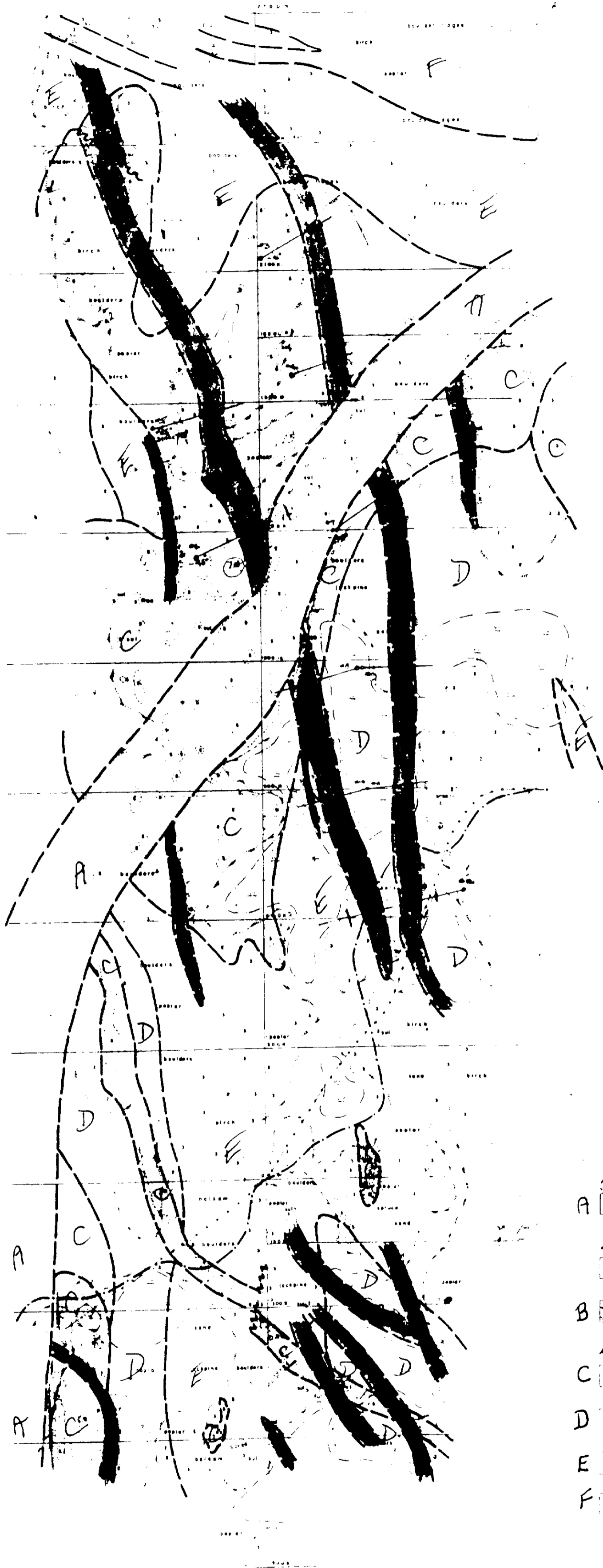
FAB METAL MINES LIMITED  
 PARKIN TOWNSHIP - SUDBURY MINING DIVISION  
 PROVINCE OF ONTARIO

VERTICAL SECTION 0-0



PARKIN-0017-# 15





- Keeweenawian*
- A Dry diabase
- Algoman*
- B Fine grained acid - *basal tuffs*, mineralized
- Keeweenawian*
- C Diorite
- D Rhyolite
- E Basalt
- F Acid tuffs

FAB METAL MINES LIMITED  
 Porcupine Township - Sudbury Mining Division  
 Ontario

GEOLOGICAL PLAN

Mining Claims 5 53273, 74 & 57708

Scale: Feet 200' = 1"

Copied Mar. 27/52



PARKIN - 0017 - # 10

