

Diamond Drilling



52J08NW0161 52J08NW0010 JUTTEN

010

Township of JUTTEN

Report NO 23

Work performed by: Northern Canada Mines Limited

Claim NO	Hole NO	Footage	Date	Note
	1	61.5	Sept/48	
	2	63.0	Sept/48	
	3	73.4	Sept/48	
	4	49.0	Sept/48	
	5	56.0	Sept/48	
	6	22.0	Sept/48	
	7	20.0	Sept/48	
	8	44.0	Sept/48	
	9	49.0	Oct/48	
	10	64.0	Oct/48	
	11	15.0	Oct/48	
	12	65.0	Oct/48	
	13	96.0	Oct/48	
	14	80.0	Oct/48	
	15	17.0	Oct/48	
	16	78.6	Oct/48	8873.5
	17	87.0	May/49	
	18	127.0	May/49	
	19	128.5	May/49	
	20	90.0	June/49	
	21	141.0	June/49	
	22	157.1	June/49	
	23	54.0	June/49	
	24	167.0	June/49	
	25	44.0	June/49	
	26	63.0	June/49	
	27	47.0	June/49	
	28	64.0	June/49	
	29	53.0	June/49	
	30	61.0	July/49	
	31	57.0	July/49	
	32	83.0	July/49	

Notes.



Diamond Drilling

Township of JUTTEN (CONT'D.)

Report NO 23

Work performed by:

Claim NO	Hole NO	Footage	Date	Note
	33	96.0	July/49	
	34	82.0	July/49	
	35	150.0	July/49	
	36	155.0	July/49	
	37	120.0	July/49	
	38	182.0	July/49	
	39	165.0	July/49	
	40	100.0	Aug/49	
	41	70.0	Aug/49	
	42	72.2	Aug/49	37814-2

Total: - 42 DH 3470.2

NOTES: These drill logs were given to this office by a staff geologist.  
The holes were drilled in one or all of these patented claims:  
TB 37814, 37812, 37809, 37942,  
Sept. 1948-Aug. 1949



# DIAMOND DRILL RECORD

PROPERTY Jutten Group No.5 Showing

HOLE NO. 1

SHEET NUMBER \_\_\_\_\_

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

STARTED Sept. 8, 1948

LATITUDE 15-S )

DATUM \_\_\_\_\_

COMPLETED Sept. 9, 1948

DEPARTURE 147W ) I. Base Line

BEARING 334°

ULTIMATE DEPTH 61.5 ft.

ELEVATION 0

DIP 53°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD #	SLUDGE GOLD #			
0 - 1.5	Casing							
1.5 - 7.0	Andesite dark green fine gr. sl. chl'd with carb. str's.							
7.0 - 8.6	Feldspar porphyry, fresh looking fd. in figr. dark ground mass.							
8.6 - 35.8	Andesite, as above, sl. biotized in places, more chloritic.							
35.8 - 60.0	Felsite - a fine grained hard siliceous grey rock with no change in texture on contact. Sp. diss. extremely fine pyr. to sl. more py. after to end. Core ground from 43.7-47.3 (First instance core has been ground with this X-Ray) mass. pyrr. 56.8-57.3							
60.0 - 61.5	? Andesite							
(35.8 - 40	Felsite very sp. min. py.							
(40.0 - 43.7	" " " " "							
(47.3 - 51	" " " " "							
(51.0 - 55.0	" with py. on sl.p.faces & a few (8) veinlets							
(55.0 - 56.1	" well min. with py.str's closely spaced.							
(56.1 - 58.3	" with mass. pyrr. & numerous str. of pyrr. small							
(	Qtz.str. at 58.3							
(58.3 - 60	Felsite, a few scat. veinlets of py.							
(60.0 - 61.5	? Andesite, sil'd barren.							

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POOR QUALITY ORIGINAL  
TO FOLLOW**



HOLE NUMBER: 1

SHEET NUMBER \_\_\_\_\_

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

# DIAMOND DRILL RECORD

LAT. 15-S )  
 LOCATION: DEP. 147W ) I. Base Line  
 ELEVATION OF COLLAR 0  
 DATUM  
 BEARING 334°  
 DIRECTION AT START: DIP 53°

STARTED Sept. 8, 1948

COMPLETED Sept. 2, 1948

ULTIMATE DEPTH 61.5 ft.

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 1.5	Casing						
1.5 - 7.0	Andesite dark green fine gr. sl. chld with carb. str's.						
7.0 - 8.6	Feldspar porphyry, fresh looking, fd. in flr. dark ground mass.						
8.6 - 35.8	Andesite, as above, sl. biotised in places, more chloritic.						
35.8 - 60.0	Felsite - a fine grained hard siliceous grey rock with no change in texture on contact. Sp. diss. extremely fine pyr. to sil. zone py. after to end. Core ground from 43.7-47.3 (First instance core has been ground with this X-Ray) mass. pyrr. 56.8-57.3						
60.0 - 61.5	? Andesite						
(35.8 - 40	Felsite var. sp. min. py.						
(41.0 - 43.7	" " " " "						
(47.3 - 51.0	" " " " "						
(51.0 - 55.0	" wit. py. on sl. faces & a few (8) veinlets						
(55.0 - 56.1	" well min. with py. str's closely spaced.						
(56.1 - 58.3	" with mass. pyrr. & numerous str. of pyrr. small						
(	etc. str. at 58.3						
(58.3 - 60.0	Felsite, a few scat. veinlets of py.						
(61.0 - 61.5	? Andesite, sil'ia barren.						

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

DRILLED BY Hollingsworth & Johnson

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten Group

HOLE NO. 2

SHEET NUMBER \_\_\_\_\_

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

STARTED Sept. 10, 1948

LATITUDE 25W (

DATUM \_\_\_\_\_

COMPLETED Sept. 19, 1948

DEPARTURE 6 N( I.Base Line

BEARING 140°

ULTIMATE DEPTH 63.0

ELEVATION \_\_\_\_\_

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD #	SLUDGE GOLD #		
0 - 2	Casing						
2 - 5.3	Grey Acid (siliceous) schist with disseminated fine py & pyrr.						
5.3 - 6.3	" " " with mass pyrr. chalc. & py. Veinlets - 2" of blue qtz. 6.1-6.3 speck of V.G.?						
6.3 - 8.3	As above less schistosity, a few scattered blebs of pyrr. & fine aspy.						
8.3 - 9.6	As above less min.						
9.6 - 10.8	Grey carb. sch. with mass. pyrr. & sl. aspy. (above may have been an andesitic pillow lava originally)						
10.8 - 24	Andesite? Pillow margins, garnetized flow lines epidotized. lt. green sl. chloritic. barren (sl. biotized 21.0 ft.)						
24 - 34.3	lt. green carbated green schist, barren (24-29 " " " " " (29-34.3						
34.3 - 63.0	Mass. basic lava, dark green fine grained, sl. chl'd on slip faces. A few carb. str's beyond soft barren.						
	END						
Note:	Drill held up for rod grease <u>6 days</u>						

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TO FOLLOW



PROPERTY Jurten GroupHOLE NUMBER 2

SHEET NUMBER .....

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 25W ( ..... )  
DEP. 6 N( I. Base Line ..... )  
ELEVATION OF COLLAR .....  
DATUM .....  
DIRECTION AT START: BEARING 140°  
DIP 50°

STARTED Sept. 10, 1948COMPLETED Sept. 19, 1948ULTIMATE DEPTH 63.0

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 2	Casing						
2 - 5.3	Gray acid(siliceous)schist with disseminated fine py. & pyrr.						
5.3 - 6.3	" " " with mass pyrr. chalc. & py.						
<del>6.3 - 8.3</del>	Veinlets - 2" of blue qtz. 6.1-6.3 spec. of V.G.?						
6.3 - 8.3	As above less schistosity, a few scattered blebs of pyrr. & fine aspy.						
8.3 - 9.6	As above less min.						
9.6 - 10.6	Gray carb. sch. with mass. pyrr. & sl. aspy. (Above may have been an andesitic pillow lava originally)						
10.6 - 24	Andesite? Pillow margins, garnetized flow lines epidotized. lt. green sl. chloritic. barren (sl. biotized 21.0 ft.)						
24 - 34.3	Lt green carbated green schist, barren (24-29 " " " " " (29-34.3)						
34.3 - 63.0	Mass. basic lava, dark green fine grained, sl. chl' on all faces. A few <del>microcryst</del> carb.str's beyond soft barren.						
	END						
	Note: Drill held up for red grease 6 days.						

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

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SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY Utten Group No. 5 Showing HOLE NO. 3

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Sept. 19, 1948  
 LATITUDE 62 N DATUM \_\_\_\_\_ COMPLETED Sept. 21, 1948  
 DEPARTURE 11 W BEARING 130° ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP 45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
0 - 2	Casing							
2 - 7.5	Basic lava - massive dark green sl. chl.							
7.5 - 10	Rust- seam-? No core.							
10 - 23	Basic lava, becoming lighter in colour							
23 - 24.4	" " sl. min. py. seams. No qtz.							
24.4 - 26.0	" " barren							
26.0 - 44.4	Brecciated lava, showing schistosity in a few places							
	26.0 - 27.2 Sl. silicified sl. py.							
	27.2 - 30 Brecc. lava very sl. min.							
	30 - 31 " " " " " 2" por. str's							
	31 - 34.3 " " " " " 2-2" " "							
	35 - 37.3 Grey fd. por. dike, barren?							
	37.3 - 40 Brecc. lava, barren							
	40 - 44.4 " " "							
44.4 - 56.6	Massive basic lava, qtz. veinlet at 50.1							
56.5 - 58.2	Flow frag? sl. carb. str's blebs of pyrr. & chalco.							
58.2 - 61.0	" " barren							
61.0 - 63.0	" " sl. min. pyrr. in scat. blebs.							
63.0 - 66.0	Fine gr. mass. flow rock. Occas. xtl. diss. py.							
66.0 - 67.2	Black slaty tuffs " " " "							
67.2 - 69.5	Frag. band? With carb. str's. " " " "							
69.5 - 73.4	Black slaty tuff band ext. f.gr. & hard. <u>Barren</u>							

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PROPERTY Jutta Group No. 5 SharinaHOLE NUMBER 3

SHEET NUMBER .....

## DIAMOND DRILL RECORD

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

LOCATION: LAT. 62 N  
 DEP. 11 N  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING 130°  
 DIP 45°

STARTED Sept. 17, 1948  
 COMPLETED Sept. 21, 1948  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 2	Casing						
2 - 7.5	Basic lava - massive dark green sl. cal.						
7.5 - 10	Rust- seam-? No core.						
10 - 23	Basic lava, becoming lighter in colour						
23 - 24.4	" " sl. min. py. seams. No qtz.						
24.4 - 26.0	" " barren						
26.0 - 44.4	Brecciated lava, showing schistosity in a few places						
	26.0 - 27.2 Sl. silicified sl. py.						
	27.2 - 30 Brecc. lava very sl. min.						
	30 - 31 " " " " 2" por. str's						
	31 - 34.3 " " " " 2-2" " "						
	35 - 37.3 Gray fd. por. silice, barren?						
	37.3 - 40 Brecc. lava, barren						
	4 - 44.4 " " "						
44.4 - 56.6	Massive basic lava, qtz. veinlet at 50.1						
56.6 - 58.2	Flow frag? sl. carb. str's. blebs of pyrr. & calc.						
58.2 - 61.0	" " barren						
61.0 - 62.0	" " sl. min. pyrr. in scat. blebs.						
63.0 - 66.0	Fine gr. mass. flow rock. Occ. s. xtl. diss. py.						
66.0 - 67.2	Black silty tuff						
67.2 - 67.5	Flow band? sl. carb. str's						
67.5 - 73.4	Black silty tuff band ext. f.gr. & hard. Barren						

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

DRILLED BY H. Hollingsworth & S. Johnson

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY Julien Groun

HOLE NO. 4

SHEET NUMBER \_\_\_\_\_

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

**STARTED** Sept. 21, 1948

LATITUDE 21 N )

DATUM \_\_\_\_\_

COMPLETED Sept. 22, 1948

DEPARTURE 77 W ) H. Base Line

BEARING 160°

ULTIMATE DEPTH 49 ft.

ELEVATION \_\_\_\_\_

DIP 45°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUOGG GOLD %		
0 - 1	Casing						
1 - 1.6	Rusty seam - no core - cave						
1.6 - 5	Acid tuffs, lt. grey very siliceous, barren. schistose core "buttons" - numerous rust. seams.						
5 - 10	As above						
10 - 12	Cave						
12 - 15	Acid tuffs, sl. sericitized						
15 - 20	" " sl. " (1.0 ft. mud seam 16 ft.)						
20 - 25	Acid lava, fine gr. lt. grey green in colour (23-24.8) mud seam						
25 - 26.9	Sericitized acid sch. sl. py. min.						
26.9 - 28.0	Andesite f.g. lt. green						
28.0 - 42.0	Coarse pl. mass flow dk. green, flecked with carb.						
42.0 - 49.0	Andesite f.gr. sl. carb. veinlets & flecks.						
	END						
	Drilled to test min. zone H 1 + 00						
	To intersect draw which parallels H Base Line.						

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PROPERTY Jutten Group

HOLE NUMBER 4

SHEET NUMBER.....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 21 N )  
 DEP. 77 N ) E. Base Line

ELEVATION OF COLLAR .....

DATUM

DIRECTION AT START: BEARING 160°  
DIP 45°

STARTED Sept. 21, 1948

COMPLETED Sept. 22, 1948

ULTIMATE DEPTH 45 ft.

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 1	Casing						
1 - 1.6	Rusty seam - no core - cave						
1.6 - 5	Acid tufts, lt. grey very siliceous, lamin. schistose core "buttons" - numerous rust. seams.						
5 - 10	As above						
10 - 12	Cave						
12.-15	Acid tufts, sl. sericitized						
15 - 20	" " sl. " (1.0 ft. and seam 16 ft.)						
20 - 25	Acid lava, fine gr. lt. grey green in colour (23-24.8) mud seam						
25 - 26.9	Sericitized acid sch. sl. py. min.						
26.9 - 28.0	Andesite f.g. <del>lt. green</del> lt. green						
28.0 - 42.0	Coarse pl. mass flow dk. green, flecked with carb.						
42.0 - 49.0	Andesite f.gr. sl. carb. veinlets & flecks.						
	END						
	Drilled to test min. zone H 1 + 00						
	To intersect draw which parallels H Base line.						

NORTHERN MINER PRESS LIMITED TORONTO-STOCK FORM NO. 101 REV. 8-44

DRILLED BY Hollingsworth & Johnson

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# DIAMOND DRILL RECORD

PROPERTY Jutten Group No.1 Showing Boozier Lake

HOLE NO. 5

SHEET NUMBER \_\_\_\_\_

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

STARTED Sept. 23, 1948

LATITUDE G.Base Line 0 + 85 S

DATUM \_\_\_\_\_

COMPLETED Sept. 24, 1948

DEPARTURE 0 + 25 E

BEARING 340°

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

ELEVATION \_\_\_\_\_

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLIND G	GOLD g		
0 - 1	Casing							
1 - 33.3	Diorite coarse gr. to 26 - becoming f.gr. to 33.3. 12.2 - 12.5 Barren qtz. & ½" of mass sphal. 13.4 - 14.1 qtz. vein one spec. of chalc.							
33.3 - 38.3	Acid lava highly sil. f.gr. lt. green. Sheared in sec's.							
38.8 - 43.4	Diorite? highly sheared - carb? specs along shear planes. 38.8 - 41.2 Diorite. A few scat. xts. py. sheared. 41.2 - 41.6 Diorite sch with 1" of solid sphal. 41.6 - 42.8 Diorite sheared barren looking 42.8 - 43.4 Diorite " with ½" sphal. & sl. chalc.							
43.4 - 56.0	Biotized sch., grey green, highly schistose. 43.4 - 47.0 Biotited sch. - barren looking 47.0 - 50.0 " " 50.0 - 55.0 " " Cave? Fault 50.5 ft. 55.0 - 55.5 " " two tiny str. sphal. 1/8" wide 55.5 - 56.0 " " barren							
END								
Drilled 25' S (approx) of best zinc values. Outcrop to N. of zinc in sample 132. Shows nothing of interest.								

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PROPERTY Jutten Group No. 1 Showing Boozier LakeHOLE NUMBER 5

SHEET NUMBER .....

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

## DIAMOND DRILL RECORD

LOCATION: LAT. G. Base Line 0 + 85 S  
 DEP. 0 + 25 E  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING 340°  
 DIP 50°

STARTED Sept. 23, 1948  
 COMPLETED Sept. 24, 1948  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 1	Casing						
1 - 33.3	Diorite coarse - 25 - becoming f.gr. to 33.3.						
	12.2 - 12.5 Barren to 1" of sil. schal.						
	13.4 - 14.1 qtz. vein one spec. of chalc.						
33.3 - 38.8	Acid lava highly sil. f.gr. lt. green. Sheared in sec's.						
38.8 - 43.4	Diorite? highly sheared - carb? specs along shear planes.						
	38.6 - 41.2 Diorite. A few scat. xts. py. sheared.						
	41.2 - 41.6 Diorite sch with 1" of solid sphal.						
	41.6 - 42.8 Diorite sheared barren looking						
	42.3 - 43.4 Diorite " with 1/2" sphal. & sil. chalc.						
43.4 - 50.0	Biotized sch., grey green, highly schistose.						
	43.4 - 47.0 Biotized sch. - barren looking						
	47.0 - 50.0 " "						
	50.0 - 55.0 " " Cave? Fault 50.5 ft.						
	55.0 - 55.5 " " two tiny str. sphal. 1/2" wide						
	55.5 - 56.0 " " barren						
	END						
	Drilled 25' S (approx) of best zinc values.						
	Outcrop to N. of zinc in sample 132. Shows nothing of interest.						

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

DRILLED BY Hollingsworth & JohnsonSIGNED S. H. Johnson



# DIAMOND DRILL RECORD

PROPERTY Jutten Group Zinc Find No. 1

HOLE NO. 5

SHEET NUMBER \_\_\_\_\_

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

STARTED Sept. 24, 1948

LATITUDE G. 0 + 08 North

DATUM \_\_\_\_\_

COMPLETED Sept. 25, 1948

DEPARTURE G 0 + 13 East

BEARING 350°

ULTIMATE DEPTH 22.0 ft.

ELEVATION \_\_\_\_\_

DIP 55°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g		
0 - 1.1	Casing						
1.1 - 3.8	Diorite, med. gr. speckled (as in Hole 5)						
3.8 - 8.8	Andesite, f.gr. sl. schistose, barren, mud seams at 4.8 and 5.9						
8.8 - 10.5	Basic lava. sl. chl. med.gr. dk. green, barren.						
10.5 - 13.9	Qtz vein, barren? a few str's of q.s.						
13.9 - 15.6	Qtz & q.s. well min. py. & sl. chalc. bluish qtz. min. in blebs & str's.						
15.6 - 19.4	Qtz. & q.s. (90% qtz) white & barren						
19.4 - 22.0	Basic chl. sch. 2 qtz. str's (1") barren						
	END						
	Drilled to intersect qtz. & sphal. 75 ft. N. of No. 5 Hole						

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TO FOLLOW



HOLE NUMBER 6

SHEET NUMBER \_\_\_\_\_

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

# DIAMOND DRILL RECORD

LAT. G. 0 + 38 North  
 LOCATION: DEP. G. 0 + 13 East  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 BEARING 350°  
 DIRECTION AT START: DIP 55°

STARTED Sapt. 24, 1948

COMPLETED Sept. 25, 1948

ULTIMATE DEPTH 22.0 ft.

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$	
0 - 1.1	Casing					
1.1 - 3.8	Diorite, med. gr. speckled (as in Hole 5)					
3.8 - 8.8	Andesite, f.gr. sl. schistose, barren, mud seals at 4.8 and 5.9					
8.8 - 13.5	Basic lava. sl. chl. med.gr. dk. green, barren.					
13.5 - 13.9	Qtz. vein, barren? a few str's of <del>xxxx</del> q.s.					
13.9 - 15.6	Qtz & c.s. wall min. py. & sl. chalc. bluish qtz. rin. in blebs & str's.					
15.6 - 19.4	Qtz. & q.s. (90% qtz) white & barren					
19.4 - 22.0	Basic chl. sch. 2 qtz. str's (1" barren					
	END					
	Drilled to intersect qtz. & schal. 75 ft. N. of No. 5 Hole					

NORTHERN MINED PRICES LIMITED TORONTO-STOCK FORM NO 501 REV 1-64

GRILLED BY Hollingsworth & Johnson

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten No. 5 Showing                      HOLE NO. 7

SHEET NUMBER                      SECTION FROM                      TO                      STARTED Sept. 25, 1948  
 LATITUDE 0 + 75 N G.B. Line DATUM                      COMPLETED Sept. 26, 1948  
 DEPARTURE 0 + 15 W " " BEARING 155° ULTIMATE DEPTH                       
 ELEVATION                      DIP 53° PROPOSED DEPTH                     

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
0 - 2	Casing							
2 - 14.5	Basic lava mass. dark grey green even textured - a few grs. py. on sl. p. faces a few scatt. carb. veinlets.							
14.5 - 16.2	Min. qtz. & sch. 60% qtz. 1" str. of solid sphalerite - some in sch. some pr.							
16.2 - 19.6	Snow white qtz. barren							
19.6 - 20	Barren f.gr. acid sch. - lt. green							
	END							

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 POOR QUALITY ORIGINAL  
 TO FOLLOW



HOLE NUMBER 7

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 0 + 75 N G.B. Line  
DEP. 0 + 15 W " "

ELEVATION OF COLLAR .....

DATUM

DIRECTION AT START: BEARING 255°  
DIP 53°

STARTED Sept. 25, 1948

COMPLETED Sent. 26, 1948

ULTIMATE DEPTH.....

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

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 501 REV 9.44

DRILLED BY Hollingsworth, Johnson

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 9

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Sept. 27  
 LATITUDE D. 2309 N DATUM \_\_\_\_\_ COMPLETED Sept. 30  
 DEPARTURE 34 E BEARING 155° ULTIMATE DEPTH 44.0  
 ELEVATION \_\_\_\_\_ DIP 50° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	MUDGE GOLD \$		
0 - 4.6	Casing						
4.6 - 19.0	Acid lava massive f.gr. lt. grey barren						
19.0 - 25.0	As above? sheared, barren with carb. str's.						
25.0 - 28.0	" " " " a few orange ankerite str's						
28.0 - 30.3	" " " some qtz. veinlets, barren?						
30.3 - 32.3	" " numerous qtz. & carb. veinlets						
32.3 - 35.0	Cher-tuff band. highly silic'd shows det. band in a ? with extremely fine py. in scattered seams. Ankerite (has bright orange colours) in bands.						
35.0 - 36.1	As above						
36.1 - 37.8	Sheared diorite? with carb. str's.						
37.8 - 44	Mass diorite						
	END						
	Drilled to intersect extension of G. Base line, original zinc find.						

**DUPLICATE COPY**  
**POOR QUALITY ORIGINAL**  
**TO FOLLOW**



PROPERTY Julien

HOLE NUMBER 18

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. D. 2309 N  
 DEP. 348

ELEVATION OF COLLAR .....

**DATUM** .....

DIRECTION AT START: BEARING 155°  
DIP 50°

STARTED Sept. 27

COMPLETED Sept. 20.....

ULTIMATE DEPTH 44.0

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 4.6	Casing				
4.6 - 19.0	Ast'f low massive f.gr. lt. grey barren				
19.0 - 25.0	As above? sheared, barren wit carb. str's.				
25.0 - 28.0	" " " " A few orange ankerite str's				
28.0 - 30.3	" " " some qtz. veinlets, barren?				
30.3 - 32.3	" " numerous qtz. & carb. veinlets				
32.3 - 35.0	Chert-uff band. highly silic'd shows det. ban in a with extremely fine gr. in scattered spots. Ankerite (has bright orange colours) in bands.				
35.0 - 36.1	As above				
36.1 - 37.3	Sheared diorite? wit. carb. str's.				
37.3 - 44	Mass diorite				
	END				
	Drilled to intersect extension of G. Base line, original zinc find.				

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM No. 101 REV. 2-44

DRILLED BY

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY Jutten (Old Burnt Campsite) HOLE NO. 9

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Oct. 1  
 LATITUDE 40' S.W. (250°) from Sta 20 DATUM \_\_\_\_\_ COMPLETED Oct. 6  
 DEPARTURE on Boozer Lake (Burnt Campsite) BEARING 320° ULTIMATE DEPTH 49.0  
 (on Por between Boozer & Zinc Lakes)  
 ELEVATION \_\_\_\_\_ DIP 45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %				
0 - 1	Casing								
1 - 3.5	Def. fragmental. fine gr. brecc frags. grey. carb. frags. & veinlets.								
3.5 - 10	As above but coarser gr.								
10 - 25.5	Mass med. gr. lava. numerous carb. str's. Fault Zone 8.5 - 10. badly broken - sand & mud.								
25.5 - 32.4	Fd. por. highly altered sl. serit'd, carb'd? Phenocrysts with fine diss. py. - sheared in parts.								
32.4 - 36.0	Black <u>Slaty</u> tuff band fine gr. with occ. py. seams. py. ex. fine xtn.								
36.0 - 47.4	Ash bed? highly min. with fine xtn py. occurring in veinlets, closely spaced, throughout and in masses								
Min. Zone	2"-3" wide ie. (36.7)(37.8)(38.9)(39.5)(41.0)(42.2)(43.1)(46.1-46.6)(47.3) numerous carb. str's. 42.0-47.4 more sil. 36.0 - 40.0 40.0 - 42.7 42.7 - 45.0 45.0 - 47.4								
47.4 - 49.0	Diorite sl. sh'd with diss. py.								

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FOR QUALITY ORIGINAL  
TO FOLLOW**



PROPERTY Julia (Old Burnt Campsite)HOLE NUMBER 9

SHEET NUMBER

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 40° S. 1. (250°) from Sta 20  
DEP. on Hoxter Lake (Burnt Campsite)

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING 320°  
DIP 45°STARTED Oct. 1COMPLETED Oct. 6ULTIMATE DEPTH 49.0

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 1	Quartz							
1 - 3.5	Int. fragmental. fine gr. brecc frags. grey carb. frags. & veinlets.							
3.5 - 10	As above but coarser gr.							
10 - 25.5	Mass. int. gr. lav. blocks numerous carb. str's. Fault Zone 8.5 - 10. badly broken - sand & mud.							
25.5 - 32.4	Pd. por. highly altered al. serit'd, carb'd? Phenocrysts with fine diam. py. - sheared in parts.							
32.4 - 36.0	Black Slaty tuff band fine gr. with occ. py. scars. py. ex. fine xlin.							
36.0 - 47.4	As bed? highly min. with fine xlin py. occ'ing in veinlets, closely spaced, throughout and in masses							
Min. Zone	2"-3" wide ls. (36.7)(37.8)(38.9)(39.5)(41.0)(42.2)(43.1)(46.1-46.6)(47.3) numerous carb. str's. 42.0-47.4 more sil.							
	36.0 - 40.0							
	40.0 - 42.7							
	42.7 - 45.0							
	45.0 - 47.4							
47.4 - 49.0	Diorite pl. sh'd wit diss. py.							

NORTHERN MINER PRESS LIMITED, TORONTO - STOCK FORM NO. 501 REV. 5-44

DRILLED BY

SIGNED W. H. G. G. G.



# DIAMOND DRILL RECORD

PROPERTY Jutten No. 6 Showing HOLE NO. 10

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Oct. 7, 1948  
 LATITUDE 0 + 00N DATUM 0 + 00 Swamp - Lake Level COMPLETED Oct. 8, 1948  
 DEPARTURE 0 + 12E J. Base Line BEARING 130° ULTIMATE DEPTH 16 ft.  
 ELEVATION 2.0 ft. DIP 50° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SILVER g	COPPER g
NOTE: about 5 ft. of core missing in this hole (1.0 ft. of schist-6" of vein-rusty seams.)(Sludge caught)						
0 - 1.5	Min. sch. highly oxid.					
1.5 - 2.2	Massive gray blue min. extremely fine galena? (core very greasy) Hanging Wall.					
2.2 - 6.2	Qtz. vein, heavily min. with fine to med. py. which occurs in masses and in fine veinlets, considerable galena, scattered throughout. V.G. occurs in 3 places smeared on core in one spot (Oxid. in parts) Qtz. is dark blue with 3 str's of white qtz (v.g. occurs in or near white qtz.) Sharp clear cut walls. No schist in qtz. vein. (numerous oxid. vugs)					
	Samples were double bagged in clean manilla bags & new canvas bags.					
	Samples 2.2 - 5.0 - 3 specs. v.g. 5.0 - 6.2					
6.2 - 7.3	Min. sch. footwall considerable fine py. & galena - carb. str's, oxid. in parts.					
7.3 - 10	Sch. some py. & pyrr. disseminated.					
10 - 16	Grey carb'n acid sch.					
END						
Hole will be extended if values are encountered in schist. Set up - had to be close to vein talus - boulders etc. all about.						

**DUPLICATE COPY**  
**FOR QUALITY ORIGINAL**  
**TO FOLLOW**



Notes: PROPERTY Jutton No. 6 Storing  
 about 1.5 ft. of core missing in this  
 hole (1.0 ft of schist - 6" of vein-  
 rusty seams.) (Sludge caught)  
 LOCATION: LAT. 0 + 00N  
 DEP. 0 + 12E ) J. base line  
 ELEVATION OF COLLAR 2.0 ft.  
 DATUM 0 + 00 Swamp - Lake level  
 DIRECTION AT START: BEARING 130°  
 DIP 50°

# DIAMOND DRILL RECORD

HOLE NUMBER 10  
 SHEET NUMBER             
 SECTION FROM            TO           

STARTED Oct. 7, 1948  
 COMPLETED Oct. 8, 1948  
 ULTIMATE DEPTH 16 ft.  
 PROPOSED DEPTH           

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 1.5	Min. sch. highly oxid.						
1.5 - 2.2	Massive grey blue min. extremely fine galena? (core very greenish) Hanging wall.						
2.2 - 6.2	(tz. vein, heavily min. with fine to med. py. which occurs in masses and in fine veinlets, considerable galena, scattered throughout. V.G. occurs in 3 places scattered on core in one spot (Oxid. in parts) (tz. is dark blue with 3 str's of white qtz (v.g. occurs in or near white tz.) Sharp clear cut walls. No schist in tz. vein. (numerous oxid. vugs)						
	Samples 2.2 - 5.0 - 3 secos. v.g.						
	5.0 - 6.2						
6.2 - 7.3	Min. sch. footwall considerable fine py. & galena - carb. str's, oxid. in parts.						
7.3 - 10	Sch. some py. & pyrr. disseminated.						
10 - 16	Gray carb'd acid sch.						
	END						
	Hole will be extended if values are encountered in schist.						
	Set up - had to be close to vein talos - boulders etc. all about.						

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

DRILLED BY E. Hollingsworth

SIGNED R. J. J. J. J.



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 10

SHEET NUMBER 1

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

STARTED Oct. 7, 1948 (16 ft.) June 20, 1949

LATITUDE 0 - N

DATUM Swamp 00 + 00

COMPLETED June 20, 1949

DEPARTURE 12 - E

BEARING 130°

ULTIMATE DEPTH 64 ft.

ELEVATION 1 - 3 ft.

DIP 50°

PROPOSED DEPTH 60 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	BLIND GOLD \$			
16 - 18.6	Grey sil'd schist (ash bed) chloritic on cleavage planes. numerous carb. str's.							
18.6 - 19.4	Qtz. & schist, sparse pyrite biotized.							
19.4 - 24.6	Ash bed sheared, chl'd, many carb str's.							
24.6 - 27.8	" " with a few rusty seams.							
27.8 - 33.2	As above							
33.2 - 33.9	Blue qtz. veinlets in schist 25% qtz. very sparse pyrite							
33.9 - 34.6	Chlorite sch. banding less pronounced than in Ash bed.							
34.6 - 35.2	Barren sugary qtz. vein							
35.2 - 47.0	Ash bed - barren, light & dark banding due to carbonatization?							
47.0 - 52.7	Chlorite schist							
52.7 - 56.4	Barren qtz. veinlets (8) 1/8" - in chl. sch. scattered over sample. Sl. diss. pyr.							
56.4 - 64.0	Brownish carb. schist. Brecciated - could have been a coarse basic lava originally. Sl. min. diss. py. around 56.4.							

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TO FOLLOW



PROPERTY Julien

HOLE NUMBER 10

**SHEET NUMBER**

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 0 - N  
DEP. 12 E  
ELEVATION OF COLLAR 1.3 ft.  
DATUM Swamp 00 + 00  
DIRECTION AT START: BEARING 130°  
DIP 50°

1949  
STARTED Oct. 7, 1948 (16 ft.) June 20, 1949  
COMPLETED June 20, 1949  
ULTIMATE DEPTH 64 ft.  
PROPOSED DEPTH 60 ft.

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 801 REV 9-46

DRILLED BY

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 10

SHEET NUMBER 2

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

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	BLIND GOLD \$			
(	56.4 - 60.4 - carb. brecc. with qtz. str's. - very sl.							
(	min. of py. pyrr.							
	60.4 - 64.0 as above with 4 white qtz. str's. No vis. mineralization							
	END OF HOLE							

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TO FOLLOW



PROPERTY      Judgment

HOLE NUMBER 10

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

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

ELEVATION OF COLLAR .....

DATUM .....

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

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

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

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 801 REV 9-44

DRILLED BY

Sonden & Hollingsworth

**SIGNED**

15. 11. 1944



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 11

SHEET NUMBER \_\_\_\_\_

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

STARTED Oct. 8, 1948

LATITUDE \_\_\_\_\_

DATUM + 4 + 00

COMPLETED Oct. 9, 1948

DEPARTURE 0 + 23 E J Base Line

BEARING 130°

ULTIMATE DEPTH 15.0 ft.

ELEVATION \_\_\_\_\_

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD S	SLUDGE GOLD			
0 - 1½	Dark sl. rusty sch.							
1.5 - 2.0	Crack - no core							
2.0 - 4.2	Heavily oxid. sch.							
4.2 - 5.3	Qtz. well min. (galena) (py.) white several small vugs							
5.3 - 7.9	Qtz. dark blue heavily min. with practically mass str's of fine py. <u>2 pieces V.G.</u> (one about size of match head smeared on core)							
7.9 - 10.7	Qtz. lighter in colour, well min. at footwall. Note: (Some galena throughout but not as abundant as in Hole 10)							
10.7 - 12.0	Sl. min. carb'd chl'd schist.							
12.0 - 15	Carb'd chl'd sch.							
	END							

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TO FOLLOW**



PROPERTY Julian

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. *11° 15' N*  
 DEP. *0 + 23E*  
 ELEVATION OF COLLAR *1100*  
 DATUM *+ 4 + 00*  
 DIRECTION AT START: BEARING *130°*  
 DIP *50°*

STARTED Oct. 8, 1948

COMPLETED Oct. 9, 1948

ULTIMATE DEPTH 15.0 ft.

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

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM NO 801 REV 9 44

DRILLED BY H. Hollingsworth

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 12

SHEET NUMBER 1 of 1

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

STARTED Oct. 9, 1948

LATITUDE 6 N )

DATUM Swamp 00

COMPLETED May 24, 1949

DEPARTURE 70 E ) J. Base-line

BEARING 135°

ULTIMATE DEPTH 65 ft.

ELEVATION 15 ft.

DIP 45°

PROPOSED DEPTH 65 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g		
( 0 - 5	Carb'd chl'd schist, fine carb. str's? Ash bed						
( 5 - 6.7	No core						
( 6.7 - 10	Ash bed light & dark bands. scatt'd pyrite						
( 10 - 12	No core						
( 12 - 13.7	As above (6.7 to 10) core darker in colour						
( 13.7 - 13.9	Hang. wall of vein as above. Last 3" sl.min. with py.						
(	and galena, sl. oxid'd.						
( 13.7 - 15	Qtz. with mass pyr. some galena, sl. oxid.						
15.0 - 18.2	Qtz. vein, 2 ages of qtz. with sparse min. to 17.0 Beyond 17.0 many pyrite blebs with last 6" containing about 20% fine galena. SAMPLES 15 - 17 Sparse py. & galena 17 - 18.2 Pyr. 20% galena						
18.2 - 19.2	Ash bed? Light & dark grey bands sl.pyr., one qtz.veinlet						
19.2 - 54	Band ash or tuffaceous bed quite similar to No. 16 hole but lack silicification and brownish-reddish tinge.						
54 - 65	Coarse grained massive lava. sl. sheared in parts.						
END OF HOLE							

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**POOR QUALITY ORIGINAL**  
**TO FOLLOW**



PROPERTY JuttenHOLE NUMBER 12SHEET NUMBER 1 of 1

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 6 N  
 DEP. 70 E J. Base-line  
 ELEVATION OF COLLAR 15 ft.  
 DATUM Swamp CO  
 DIRECTION AT START: BEARING 135°  
 DIP 45°

STARTED Oct. 9, 1948COMPLETED May 24, 1949ULTIMATE DEPTH 65PROPOSED DEPTH 65

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
( 0 - 5	Cart'd ch'd schist, fine carb. str's? Ash bed						
( 5 - 6.7	No core						
( 6.7 - 10	Ash bed light & dark bands. scatt'd pyrite						
( 10 - 12	No core						
( 12 - 13.7	As above (6.7 to 10) core darker in colour						
( 13.7 - 13.9	Thin. wall of vein as above. Last 3" sl. min. with py.						
(	& galena, sl. oxid'd.						
( 13.7 - 15	Qts. with mass pyr. some galena, sl. oxid.						
15.0 - 18.2	Qts. vein, 2 ages of qts. with sparse min. to 17.0						
	Beyond 17.0 many pyrite blebs with last 6" containing						
	about 20% fine galena.						
	SA LSS 15 - 17 Sparse py. & galena						
	17 - 18.2 Pyr. 20% galena						
18.2 - 19.2	Ash bed? Light & dark grey bands sl. pyr., one qts. veinlet						
19.2 - 54	Band as far to facies bed quite similar to No. 16 Hole						
	but lack. silicification and <del>massive</del> brownish-red: tinge.						
54 - 65	Coarse grained massive lava sl. altered in parts.						
	END OF HOLE						

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

DRILLED BY Sanden & HollingsworthSIGNED [Signature]



# DIAMOND DRILL RECORD

PROPERTY Jutten HOLE NO. 13  
 SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Oct. 9, 1948  
 LATITUDE 13 N J Base Line DATUM Swamp COMPLETED Oct. 14, 1948  
 DEPARTURE 365 W BEARING 331° ULTIMATE DEPTH 96 ft.  
 ELEVATION 2 DIP 50° PROPOSED DEPTH 100 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD			
0 - 14.5	Andesite pillowed, lt. green fine gr. cherty							
14.5 - 20.4	" ? coarser gr. a few carb. str's.							
20.4 - 40.1	Andesite as from 0-14.5. Lost water @ 25.0 ft. (for short time only)							
40.1 - 51	" well sheared, numerous carb. str's. one qtz. str. 2" @ 51.5. Rusty seam at 52.0							
51 - 96	Andesite med. gr. only sl. sheared in parts, numerous carb. str's beyond 80 ft. - barren.							
	END							
	No Samples Taken.							
Note:	Drilled to test extension of No. 6 vein 365 ft. west of main showing. This hole does not eliminate possibility of vein going through draw in front of drill. Last (5.0 ft.) of core lost in hole, could not be recovered. <u>Vein dips away from hole.</u>							

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 TO FOLLOW



**Inten**

HOLE NUMBER ..... 13 .....

SHEET NUMBER 1

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 13 N  
 DEP. 365 N  
 ELEVATION OF COLLAR 2  
 LATUM S.W. 72  
 DIRECTION AT START: BEARING 331°  
 DIP 50°

STARTED Oct. 9, 1948

COMPLETED Oct. 14, 1948

ULTIMATE DEPTH 96 ft.

PROPOSED DEPTH 100 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 14.5	Andesite pillowed, lt. green fine gr. cherty.						
14.5 - 20.4	" I coarser gr. a few carb. str's.						
20.4 - 40.1	Andesite as from 0-14.5. Lost water 25.0ft. (for short time only)						
40.1 - 57	" well sheared, numerous carb. str's. one qtz. str. 2" x 5.5. Rusty sand at 52.0						
57 - 76	Andesite med. gr. only sl. sheared in parts, numerous carb. str's beyond 80 ft. - barren.						
	END						
	No Samples Taken.						
Notes:	Drilled to test extension of No. 6 vein 365 ft. west of main workings. This hole does not eliminate possibility of vein going through draw in front of drill. Last (5.0 ft.) of core lost in hole, could not be recovered. <u>Vein dips away from hole.</u>						

NORTHERN WINE PRICES LIMITED TORONTO-STOCK FORM No 101 REV 2-14

DRILLED BY Bill Hollingsworth & Allan Best

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY (37942)

HOLE NO. 14

SHEET NUMBER 1

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

STARTED Oct. 14, 1948

LATITUDE (K) 0 + 10 E

DATUM 00 Swamp

COMPLETED Oct. 15, 1948

DEPARTURE (K) 245 N

BEARING 145°

ULTIMATE DEPTH 80 ft.

ELEVATION + 5.0 ft.

DIP 50°

PROPOSED DEPTH 120 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
0 - 11	Sl. chloritic sl. sheared andesite							
11 - 55	Acid andesite - with no change to end of hole - fine grained brittle light green with a few scattered carb. str's.							
65 - 80	2 ft. of core fell out of barrel at 65 <u>Hole Broke</u> through ledge (Ledge is over 50' deep vertically)							
	END							

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POOR QUALITY ORIGINAL  
TO FOLLOW



27942

SHEET NUMBER 1

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

2000  
2001

STARTED Oct. 14, 1948

COMPLETED Oct. 15, 1948

ULTIMATE DEPTH 80 ft.

PROPOSED DEPTH 120 ft.

NORTHERN MINER CORP. LIMITED TORONTO-STOCK FORM NO. 021 REV. 8-44

SIGNED



# DIAMOND DRILL RECORD

PROPERTY Jutten (No.6)

HOLE NO. 15

SHEET NUMBER \_\_\_\_\_

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

STARTED Oct. 15, 1948

LATITUDE 30 ft. North )

DATUM Swamp

COMPLETED Oct. 15, 1948

DEPARTURE 51 West ) J. Base line

BEARING \_\_\_\_\_

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

ELEVATION 0

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SILVER GOLD %			
0 - 17	Washed down through muskeg - boulders and sand							
	END							

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POOR QUALITY ORIGINAL  
TO FOLLOW



3774

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

STARTED Oct. 15, 1948  
COMPLETED Oct. 15, 1948  
ULTIMATE DEPTH  
PROPOSED DEPTH

[illegible]

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 16

SHEET NUMBER 1 of 2

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

STARTED Oct. 15, 1948

LATITUDE 23N ) J. Base Line

DATUM Swamp 00

COMPLETED May 23, 1949

DEPARTURE 18W )

BEARING 142°

ULTIMATE DEPTH 78.6

ELEVATION 00

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUOGG GOLD g			
0 - 10	Casing							
10 - 18	Fine gr. andesite sl. sheared with scattered carb.str's.							
18 - 22.3	Lost core							
22.3 - 26.3	Sericitized & chloritized carb'd schist 2 oxid. seams							
26.3 - 30.4	As above sl. more chloritic more schistose? Ash bed							
30.4 - 36.5	6.1 ft. core missing, may be error in laying core or logging							
36.5 - 39.5	Ash bed, grey green bands alternating							
39.5 - 42.8	Qtz. vein: min'd with pyrite veinlets (med.gr.) Det. 2 ages of quartz blue & later white (almost solid veinlet of V.G. (40.5)(not sent in sample) encircling core with 6 fair-sized pinhead pieces of V.G. between 39.8 and 40.5 (ie. Hanging Wall)(fine galena through most of core)							
42.8 - 46.8	Fine grained ash bed as above with sl. brown reddish tinge on core. Scattered fine pyrite blebs (no stringers)							
46.8 - 48.5	As above less pronounced banding, coarser with more carbonatization. Scattered pyrite.							
48.5 - 49.0	Quartz stringer blue qtz. only well min. with pyrite							
49.0 - 56.0	Ash bed, reddish tinge to core carb'd very sp. fine scattered pyrite							

**DUPLICATE COPY**  
**POOR QUALITY ORIGINAL**  
**TO FOLLOW**



PROPERTY Jutten

Re - Log of

HOLE NUMBER 16SHEET NUMBER 1 of 2

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 29N ) J. Base line  
DEP. 18W )  
ELEVATION OF COLLAR 00  
DATUM Swamp 00  
DIRECTION AT START: BEARING 142°  
DIP 50°

STARTED Oct. 15, 1948COMPLETED May 23, 1949ULTIMATE DEPTH 78.6

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 10	Casing							
10 - 18	Fine gr. andesite sl. anchored with scattered carb. str'ls.							
18 - 22.3	Lost core							
22.3 - 26.3	Sericitized & chloritized carb'd schist 2 oxid. seams							
26.3 - 30.4	As above sl. more chloritic more schistose? As. bed							
30.4 - 36.5	6 ft. core missing, maybe error in laying core or logging							
36.5 - 39.5	As. bed, grey green bands alternating							
39.5 - 42.8	Qtz. vein: min'd with pyrite veinlets (med. gr.)							
	Det. 2 ages of quartz blue & later white							
	(almost solid veinlet of V.G. (40.5) (not sent in sample))							
	[encircling core							
	with 6 fair sized pinhead pieces of V.G. between							
	39.5 and 40.5 (ie. hanging wall) (fine galena through most of core)							
42.8 - 46.8	Fine grained as. bed as above with sl. brown reddish tinge on core. Scattered fine pyrite blebs (no stringers)							
46.8 - 48.5	As above less pronounced banding, coarser with more carbonatization. scattered pyrite.							
48.5 - 49.0	Quartz stringer blue qtz. only well min. with pyrite							
49.0 - 56.0	As. bed, reddish tinge to core carb'd very sp. fine scattered pyrite							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 9-48

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

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 16

SHEET NUMBER 2 of 2

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

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUDD GOLD %				
56.0 - 61.5	Ash bed? sl. more chloritic. A few carb. str. poor min. odd pyr. xtl's.								
61.5 - 62.0	Qtz. stringer								
62.0 - 64.4	Grey c -b. schist? Ash bed.								
64.4 - 66.8	Qtz. vein - blue - very sparse min.								
66.8 - 71.8	" " 3 - six inch white qtz. str's. cutting blue qtz. sl. min. in few places.								
71.8 - 74.9	Qtz. vein - sl. more min.								
74.9 - 78.6	Carbated (sl) chlorite schist? Andesite not mineralized.								
	END OF HOLE								

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POOR QUALITY ORIGINAL  
TO FOLLOW



PROPERTY.....Juttan

HOLE NUMBER ..... 10

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

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

ELEVATION OF COLLAR .....

DATUM

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

STARTED

COMPLETED .....

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

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

[illegible]

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

DRILLED BY E. Sander & W. Hollingsworth

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY Jutter

HOLE NO. 17

SHEET NUMBER \_\_\_\_\_

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

STARTED May 24, 1949

LATITUDE 54 North J.Base Line

DATUM Swamp 00

COMPLETED May 27, 1949

DEPARTURE 152 West

BEARING 140°

ULTIMATE DEPTH 87.0 ft.

ELEVATION 00

DIP 50°

PROPOSED DEPTH 85.0 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUETTE GOLD g		
0 - 33	Casing						
33 - 40	Andesite, massive fine gr. lt. grey green						
40 - 69	" becoming more sheared with numerous carb. str's. Probably a pillowed Andesite. Ghosts of margins?? Not min.						
69 - 70	Oxid. seams in carb'd shear. Not min.						
70 - 87	Sheared g.s. with numerous carb. str's. somewhat similar to ash bed in hole 16. Could be same rock less altered. Last 5.0 ft. shows less shearing.						
	END OF HOLE						
	No veins cut in this hole Drilled to intersect #6 vein to west of Hole #16 (132 ft.) Holes 18 and 17 cross sectioned swamp on strike of #6 vein. (NO SAMPLES TAKEN)						

**DUPLICATE COPY**  
POOR QUALITY ORIGINAL  
TO FOLLOW



PROPERTY Jutton 27972

HOLE NUMBER 17

SHEET NUMBER

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 54 North  
DEP. 152 West  
ELEVATION OF COLLAR 00  
DATUM Swamp 00  
DIRECTION AT START: BEARING 140°  
DIP 50°

STARTED May 24, 1949

COMPLETED May 27, 1949.

ULTIMATE DEPTH 87.0 ft.

PROPOSED DEPTH 25.0 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 33	Casing						
33 - 40	Andesite, massive fine gr. Lt. grey green						
40 - 69	" becoming more sheared with numerous carb. str's. Probably a pillowed Andesite. Ghosts of margins?? Not min.						
69 - 70	Oxid seams in carb'd shear. Not min.						
70 - 87	Sheared l.s. with numerous carb. str's. somewhat similar to ash bed in hole 16. Could be same rock less altered. Last 5.0 ft. shows less shearing.						
	END OF HOLE						
	No veins cut in this hole.						
	Drilled to intersect # 6 vein to west of Hole # 16 (132 ft.)						
	Holes 18 and 17 cross sectioned swamp on strike of # 6 vein.						
	(NO SAMPLES TAKEN)						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO 801 REV 9.44

DRILLED BY ..... Sanden

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 18

SHEET NUMBER \_\_\_\_\_

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

STARTED May 27, 1949

LATITUDE 113 N. J. Base Line

DATUM Swamp 00

COMPLETED May 31.

DEPARTURE 229 W.

BEARING 140°

ULTIMATE DEPTH 127 ft.

ELEVATION 00

DIP 50°

PROPOSED DEPTH 120 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUOGE. GOLD g		
0 - 15	Casing						
15 - 71	Pillowed andesite - fine gr. sl. sil'd. Light grey green in colour-not min.-not sheared.  55-57 As above with 2 pillow margins. sl.min-py, pyrr, chalco, (one inch of solid pyrr.) 41.6-41.9 sl.min. white qtz. str.						
71 - 94.5	Definite change: to coarse grained basic lava containing some feldspar, becoming more sheared 92-94.5 75.8-76.1 Barren white qtz. str.						
94.5 - 127	Definite change to: Pillowed Andesite as at beginning of hole, but sl. sheared. 96.5-97.0 carb. qtz. str. sl.min.py. 103.5 - 104.0 sl. min.(py) sheared and.						
END							
No def. vein or heavy shear encountered. This hole is 209 ft. west of Hole 16. Hole 18 and Hole 17 cross sectioned swamp on strike of #6 vein.							

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**POOR QUALITY ORIGINAL**  
**TO FOLLOW**



PROPERTY JullettHOLE NUMBER 18SHEET NUMBER 1SECTION FROM                      TO                     

## DIAMOND DRILL RECORD

LOCATION: LAT. 113 N.  
 DEP. 223 ft.  
 ELEVATION OF COLLAR 00  
 DATUM Swamp 00  
 DIRECTION AT START: BEARING 140°  
 DIP 50°

STARTED May 27, 1949  
 COMPLETED May 31  
 ULTIMATE DEPTH 127 ft.  
 PROPOSED DEPTH 120 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 15	Casing						
15 - 71	Pillowed andesite- fine gr. sl. sil'd. light grey green in colour-not min.-not sheared.						
	55-57 As above with 2 pillow margins. sl.min-py. pyrr. cl. lco. (one inch of solid pyrr.)						
	41.6-41.9 sl.min. white qtz. str.						
71 - 94.5	Definite change: to coarse grained basic lava containing some feldspar, becoming more sheared						
	92-94.5						
	75.3-75.1 Barren white qtz. str.						
94.5 - 127	Definite change to: Pillowed Andesite as at beginning of hole, but sl. sheared.						
	96.5-97.0 carb. qtz. str. sl.min-py.						
	103.5 - 104.0 sl.min.(py) sheared and.						
	END						
	No def. vein or heavy sugar encountered. This hole is 209 ft. west of hole 16.						
	Hole 16 and hole 17 cross sectioned same on strike of 40 vein.						

NORTH: ERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 801 REV. 9-44

DRILLED BY SindenSIGNED



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 19

SHEET NUMBER \_\_\_\_\_

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

STARTED May 31, 1949

LATITUDE 50N J. Base Line

DATUM Swamp 0 + 00

COMPLETED June 2, 1949

DEPARTURE 68W

BEARING 140°

ULTIMATE DEPTH 123 ft.

ELEVATION 0

DIP 50°

PROPOSED DEPTH 120 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUOGE GOLD g		
0 - 23	Casing						
23 - 33	Andesite fine grained light coloured grey green with pillow margins.						
33 - 39	Basic lava-contact massive coarse grained as in Hole 18.						
39 - 46	Andesite sheared, chloritized, flecked with grey feldspar. Contact - 45.8 - 46.8 silicified with sl.min. (py) astride contact						
46 - 57	Andesite, chlorit'd sl.carb'd sheard. 57-59 as above with rusty seams sl. sil'd, sl. min. py. 59-62 as above much more pyrite in seams, sl. oxid. 62-64.5 " " less py. 64.5-66.0 " very sl. min.						
66 - 1'2	Andesite -sheared & carb'd.						
112 - 128.5	Pillowed andesite, distinct margins, fine grained, lt. grey green.						
END							

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POOR QUALITY ORIGINAL  
TO FOLLOW



PROPERTY.....Jutton

HOLE NUMBER 19

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 50N  
DEP. 68M  
ELEVATION OF COLLAR 0  
DATUM Swamp 0 1 00  
DIRECTION AT START: BEARING 140°  
DIP 50°

STARTED May 31, 1949

COMPLETED June 2, 1949

ULTIMATE DEPTH 123 ft.

PROPOSED DEPTH 120 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$	
0 - 23	Caaling					
23 - 33	Andesite fine grained light coloured grey green with pillow margins.					
33 - 39	Basic lava-contact massive coarse grained as in hole 13.					
39 - 46	Andesite sheared, chloritized, flecked with grey feldspar. Contact - 45.8 - 46.8 silicified with sl.min.(py)astride Contact					
46 - 57	Andesite, chlorit'd sl.carb'd sheard. 57-59 as above with rusty spots sl. sil'd, sl. min. py. 59-62 as above much more pyrite in seams, sl. oxid. 62-64.5 " " less py. 64.5 -66.0 " very sl. min.					
66 - 112	Andesite - sheared & carb'd.					
112 - 128.5	Pillowed andesite, distinct margins, fine grained, lt. grey green.					
	END					

NORTHERN MINING PRESS LIMITED TORONTO-STOCK FORM No 801 REV 2 44

DRILLED BY Sinden & Hollingsworth.

SIGNED \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 20

SHEET NUMBER \_\_\_\_\_

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

STARTED June 3, 1949

LATITUDE 6 - North )

**DATUM** \_\_\_\_\_

COMPLETED June 7, 1949

DEPARTURE 87 West ) J. Base Line

BEARING 140°

ULTIMATE DEPTH 90 ft.

ELEVATION 0-00

DIP 50°

PROPOSED DEPTH 100 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUOGS. GOLD %		
0 - 27	Casing						
27 - 30.5	Broken ground very little core, 3 ft. of mud (a few colours in mud) # 27-27.5 1" piece of qtz. similar to #6 vein. Not visibly min. Remainder soft chloritic schist. ( 3 ft. of mud between 27.5-30.5) #20.5-31.5 Ru ty carb.chl.schist. not visibly mineralized.						
31.5 - 39.0	Ash bed? carbonated grey-light green banded rock.						
39.0 - 90.0	Andesite, sl. carbonated in places but mostly unaltered. Pillowed.						
	END						
Note:	This hole was spotted too far forward probably. 27.0 ft. of casing threw collar over vein??						



PROPERTY Jutta 77942

HOLE NUMBER 00-000000

SHEET NUMBER 10

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

# DIAMOND DRILL RECORD

LAT. 6 - North )  
 LOCATION: DEP. 87 West ) J. Base-Line  
 ELEVATION OF COLLAR 0-00  
 DATUM  
 BEARING 140°  
 DIRECTION AT START: DIP 50°

STARTED	June 3, 1949
COMPLETED	June 7, 1949
ULTIMATE DEPTH	90 ft.
PROPOSED DEPTH	100 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 27	Casing				
27 - 30.5	Broken ground very little core, 3 ft. of mud. <del>(at A)</del> few colours in mud) # 27-27.5 1" piece of qtz. similar to #6 vein. Not visibly min. Remainder soft chloritic schist. (at 3 ft. of mud between 27.5-30.5) #20.5 -31.5 Rusty carb.chl.schist. not visibly mineralized.				
31.5 - 39.0	Ash bed? carbonated grey-light green banded rock.				
39. - 90.0	Andesite, sl. carbonated in places but mostly unaltered. Pillowed.				
	END				
Notes:	This hole was spotted too far forward probably. 27.0 ft. of casing under collar over vein??				

NORTHERN MINER PRESS LIMITED TORONTO-1706-1 FORM No 281 REV 2-44

DRILLED BY Sanden & Hollingsworth

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 21

SHEET NUMBER \_\_\_\_\_

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

STARTED June 7, 1949

LATITUDE 64 N. )

DATUM Swamp 0 - 00

COMPLETED June 11, 1949

DEPARTURE 10 E. )  
J. Base Line

BEARING 140°

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

ELEVATION 0

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUOGG. GOLD g			
0 - 15	Casing							
15 - 22	Andesite, fine grained, light green							
22 - 58	Massive lava, sl. basic, coarse gr. light grey green in colour							
58 - 89	Andesite, fine grained, light grey massive							
89 - 96	Andesite, sheared, fine grained.							
96 - 108	Grey <u>flecked</u> schist (Same as in Hole 19, 39' - 46')							
108 - 112	?Ash bed, sl. oxidized schist, one inch brown carb. str. sl. pyrite							
112 - 115	As above, not oxid. or min.							
115 - 115.5	Soft chloritic sch. with 1" str. of solid pyrite							
115.5-120.0	Chloritic schist (Andeite) with a few scattered str's. of carbonate. Sl. min. with pyrite.							
120. -121.6	Slightly mineralized sch. - with scattered pyrite , slightly carbonated.							
121.6- 125	Schist. Slightly oxidized with disseminated pyrite. Silicified in parts.							
125 - 127.5	Slightly silicified schist, sparse disseminated pyrite. One qtz. veinlet (1")							
x127.5- 129.5	5" Blue qtz. vein in silicified schist Fair amount of pyrite. Some galena (sparse)							

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**TO FOLLOW**



PROPERTY

JUTTEN

HOLE NUMBER

21

SHEET NUMBER

1 of 2

SECTION FROM

TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 64 N.  
DEP. 10 E.

ELEVATION OF COLLAR 0

DATUM Swamp 0 - 00

DIRECTION AT START: BEARING 170°  
DIP 50°

STARTED June 7, 1949

COMPLETED " 11, 1949

ULTIMATE DEPTH 141'

PROPOSED DEPTH 135'

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 15	Casing							
15 - 22	Andesite, fine grained, light green							
22 - 58	Massive lava, pl. basic, coarse gr. light grey green in colour							
58 - 89	Andesite, fine grained, light grey massive							
89 - 96	And site, sheared, fine grained.							
96 - 108	Grey flecked schist (Same as in Hole 19, 39' - 41')							
108 - 112	? Ash bed, sl. oxidized schist, one inch brown carb. str. sl. pyrite.							
112 - 115	As above, not oxid. or min.							
115 - 115.5	Soft chloritic msh. with 1" str. of solid pyrite							
115.5 - 120.0	Chloritic schist (Andesite) with a few scattered str's. of carbonate. Sl. min. with pyrite							
120. - 121.6	Slightly mineralized sch. - with scattered pyrite, slightly carbonated.							
121.6 - 125	Schist. Slightly oxidized with disseminated pyrite. Silicified in parts.							
125 - 127.5	Slightly silicified schist, sparse disseminated pyrite. One qtz. veinlet (1")							
x 127.5 - 129.5	5" blue qtz. vein in silicified schist Fair amount of pyrite. Some galena (course)							

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

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# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 21

SHEET NUMBER 2 of 2

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

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
129.5 - 132	Schist, slightly silicified. Very sparse py.							
132 - 135	Schist, epidotized. Sl. chloritic. (Sl.py.)							
135 - 138.3	As above. Not mineralized							
138.3 - 139.3	Schist with a few well min. (py) qtz. str's							
139.3 - 141.0	Epidotized. Schist, Sl. chloritic. probably slightly altered Andesite.							

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

STARTED	COMPLETED	ULTIMATE DEPTH	PROPOSED DEPTH

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

**SIGNED** \_\_\_\_\_



# DIAMOND DRILL RECORD

PROPERTY Jutten

HOLE NO. 22

SHEET NUMBER \_\_\_\_\_

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

STARTED June 12, 1949

LATITUDE 64 North  
J. Base Line

DATUM Swamp 0 + 00

COMPLETED June 16, 1949

DEPART/RE 85 East

BEARING 140°

ULTIMATE DEPTH 157.1 ft.

ELEVATION 0 + 00

DIP 50°

PROPOSED DEPTH 125 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLIND G. GOLD g			
0 - 6	Casing							
6 - 11.7	Basic lava, coarse grained, massive (but not quite like 33-39 ft. in Hole 19)							
11.7 - 85.7	Andesite. Lt. green, sl. basic lava							
85.7 - 86.3	½" qtz. stringer with sl. py. schist, also 1" barren qtz. vein							
86.3 - 90	Andesite - same as 11.7 - 85.7							
90.0 - 96.9	" gradational change, slightly sheared in part. Two 6" stretches of core missing. (Rods fell in these)							
96.9 - 107.9 (Marker)	Chloritized, sl. carb'd. schist, Flecked silicified in parts (with white min. probably carbonate)							
(	101.3 - 102.4 Qtz. str's. in above							
(	sl. min. with pyrr. & py.							
(	102.4 - 105.4 - silicified schist with sparse diss. pyrr.							
(	105.4 - 107.9 As above							
107.9 - 110.2	Chloritic schist with 6 streaks of sphalerite scattered thru sample							
110.2 - 112.1	Sl. <sup>d</sup> chl. schist							
112.1 - 117.7	Sl. <sup>d</sup> chl. schist with a few veinlets of qtz. Very sparse min. pyrr.?							

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**TO FOLLOW**



PROPERTY

JUTTER

37749

HOLE NUMBER 22

SHEET NUMBER

SECTION FROM TO

## DIAMOND DRILL RECORD

 LOCATION: LAT. 64 North  
 DEP. 85 East

ELEVATION OF COLLAR 0 + 00

DATUM Swamp 0 + 00

 DIRECTION AT START: BEARING 140°  
 DIP 50°

STARTED June 12, 1949

COMPLETED " 16, 1949

ULTIMATE DEPTH 157.1 ft.

PROPOSED DEPTH 125 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 6	Casing							
6 - 11.7	Basic lava, coarse grained, massive (But not quite like 33-39 ft. in Hole 19)							
11.7 - 85.7	Andesite. Lt. green, sl. basic lava.							
85.7 - 86.3	1/2" qtz. stringer with sl. py. schist, also 1" barren qtz. vein							
86.3 - 90.	Andesite - same as 11.7 - 85.7							
90.0 - 96.9	" gradational change, slightly sheared in part. Two 6" stretches of core missing. (Rods fell in these)							
96.9 - 107.9 (Marker)	Chloritized, sl. carb <sup>d</sup> . schist, Flecked silicified in parts (with white min. probably carbonate)							
	101.3 - 102.4 Qtz. str's. in above							
	sl. min. with pyrr. & py.							
	102.4 - 105.4 - silicified schist with sparse diss. pyrr.							
	105.4 - 107.9 As above							
107.9 - 110.2	Chloritic schist with 6 streaks of sphalerite scattered thru sample							
110.2 - 112.1	Sil <sup>d</sup> . chl. schist							
112.1 - 117.7	Sil <sup>d</sup> . chl. schist with a few veinlets of qtz. Very sparse min. pyrr.?							

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

DRILLED BY

SIGNED

B. J. B. B.



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 22

SHEET NUMBER 2 of 2

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

STARTED 1

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD S	PLUGS GOLD S			
115. - 117.7	Slightly silicified sch. with 5" of qtz. and brown carb. sl. py. & arsenopyrite.							
x117.7 - 118.5	Qtz. carbonate vein, slight pyrite and chalcopryrite. Brown in colour.							
118.5 - 120.5	Slightly silic <sup>d</sup> . schist, sparse py.							
120.5 - 136.1	Soft chloritic schist.							
136.1 - 137.1	1" qtz. str. in very sp. min. sch.							
137.1 - 140.7	Soft chloritic schist, a few carb. str's.							
140.7 - 142.1	Two 1" qtz. str's. in chl. sch. sparse py. diss. sl. oxid <sup>d</sup> .							
142.1 - 144.9	Chl. sch. with 2 qtz. str's. sl. oxid at 144.0							
144.9 - 146.0	Sl. carb'd. chloritic schist							
146.0 - 147.8	Sl. oxid <sup>d</sup> . chloritic schist, a few qtz. veinlets							
147.8 - 152.4	Soft chloritic sch., a few carb. str's.							
152.4 - 153.4	Qtz. str's. in chl. sch. A few specs of py. & pyrr.							
153.4 - 157.1	Chloritized carb <sup>d</sup> . basic lava, less sheared, more massive, two barren qtz. str's. 3".							
END Drilled to test 80 ft. Horizon								

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POOR QUALITY ORIGINAL  
TO FOLLOW



PROPERTY

JUTTEN

HOLE NUMBER 22

SHEET NUMBER 2 of 2

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 2.	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLURGE GOLD \$			
115. - 117.7	Slightly silicified sch. with 5" of qtz. and brown carb. sl. py. & arsenopyrite.							
x117.7 - 118.5	Qtz. carbonate vein, slight pyrite and chalcopyrite. Brown in colour.							
118.5 - 120.5	Slightly silic <sup>d</sup> . schist, sparse py.							
120.5 - 136.1	Soft chloritic schist.							
136.1 - 137.1	1" qtz. str. in very sp. min. sch.							
137.1 - 140.7	Soft chloritic schist, a few carb. str's.							
140.7 - 142.1	Two 1" qtz. str's. in chl. sch. sparse py. diss. sl. oxid <sup>d</sup> .							
142.1 - 144.9	Chl. sch. with 2 qtz. str's. sl. oxid at 144.0							
144.9 - 146.0	Sl. carb'd. chloritic schist							
146.0 - 147.8	Sl. oxid <sup>d</sup> . chloritic schist, a few qtz. veinlets							
147.8 - 152.4	Soft chloritic sch., a few carb. str's.							
152.4 - 153.4	Qtz. str's. in chl. sch. A few specs of py. & pyrr.							
153.4 - 157.1	Chloritized carb <sup>d</sup> . basic lava, less sheared, more massive, two barren qtz. str's. 3".							
	End Drilled to test 80 ft. Horizon							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 801 REV. 8/74

DRILLED BY .....

SIGNED *L. J. (B. J. B. J.)*



# DIAMOND DRILL RECORD

PROPERTY JUTTEN HOLE NO. 23

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED June 16  
 LATITUDE 42 N. J. Base Line DATUM \_\_\_\_\_ COMPLETED June 17  
 DEPARTURE 44 W. BEARING 140° ULTIMATE DEPTH 54 ft.  
 ELEVATION 00 + 00 DIP 50° PROPOSED DEPTH 150 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUOGG GOLD %			
0 - 23	Casing							
23 - 35½	Basic lava massive, fine gr. a few carb. str's. ?Amygdules at 36.0 ft.							
35½ - 38½	Broke through ledge, no core							
38½ - 41½	Basic lava, coarser sl. sh'd. a few carb. str's.							
41½ - 54	Definite change to <u>FLECKED</u> soft chlorite schist. A distinctive rock, white flecks of feldspar ?							
	Hole had to be abandoned on account of Cave.							
	END							

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**POOR QUALITY ORIGINAL**  
**TO FOLLOW**



37942

23

1 of 1

..TC

# DIAMOND DRILL RECORD

42 N.

 $00 + 00$ 

**DATUM**

**BEARING**

140°

DIP

50°

**June 16**

12

54 ft.

150 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 23	Casing.				
23 - 35½	Basic lava massive, fine gr. a few carb. str's. Amygdules at 36.0 ft.				
35½ - 38½	Broke through ledge, no core				
38½ - 41½	Basic lava, coarser al. sh'd. a few carb. str's.				
41½ - 52	Definite change to FLECKED soft chlorite schist. A distinctive rock, white flecks of feldspar ?  Hole had to be abandoned on account of cave  End				

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

**Sanden & Hollingsworth**

**SIGNED**

B. J. Hunter



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 24

SHEET NUMBER 1 of 3

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

STARTED June 17, 1949

LATITUDE 66 N J.Base Line

DATUM \_\_\_\_\_

COMPLETED June 17, 1949

DEPARTURE 50 W.

BEARING 136°

ULTIMATE DEPTH 167

ELEVATION 00

DIP 50°

PROPOSED DEPTH 165

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
0 - 42	Casing Boulders 30½ - 33							
33 - 37	Andesite - basic massive med. gr.							
37 - 42	No core - broke through shoulder							
42 - 61.4	Andesite - as above, a few carb. str's.							
61.4 - 61.9	Qtz. str. disseminated pyrite & pyrr. sl. oxid.							
61.9 - 73	Andesite slightly sheared chlorit <sup>d</sup> , a few carb. str's. Pillow margins - 56.0 - 67.5 - 68							
73.0 - 91.0	Flecked schist - horizon marked Slightly sil <sup>d</sup> . 78 - 79. Sl. oxid schist with a ½" Qtz. str. very sparse pyrite							
91.0 - 98.2	Chlorite schist fine gr. 90.8 - 92.4 Qtz. str's. in chl. sch. Fair min. py. pyrr. - sphalerite veinlet Sl. sericitized around Qtz. no visible galena 92.4 - 96.3. Chl. sch. a few carb. str's. 96.3 - 98.2 As above							
98.2 - 99.4	Ash bed. 75% Qtz. & carb. str's. - White & blue Qtz. White Qtz. has hairlike fractures. sparse pyrite. Core laced with rusty seams.							
99.4 - 100.5	Rusty schist - no visible min. Flow Top material							

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**TO FOLLOW**



PROPERTY

JUTTEN

17942

HOLE NUMBER 24

SHEET NUMBER 1 of 3

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 66 N.  
DEP. 50 W.

ELEVATION OF COLLAR 00

DATUM

DIRECTION AT START: BEARING 136°  
DIP 50°

STARTED June 17, 1949

COMPLETED June 17, 1949

ULTIMATE DEPTH 167

PROPOSED DEPTH 165

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 42	Casing Boulders 30 1/2 - 33							
33. - 37.	Andesite - basic massive med. gr.							
37. - 42.	No core - broke through shoulder							
42. - 61.4	Andesite - as above, a few carb. str's.							
61.4 - 61.9	Qtz. str. disseminated pyrite & pyrr. sl. oxid							
61.9 - 73.	Andesite slightly sheared chlorit <sup>d</sup> , a few carb. str's. Pillow margins - 56.0 - 67.5 - 68							
73.0 - 91.0	Flecked schist - horizon marked Slightly sil <sup>d</sup> .							
	78 - 79. Sl. oxid schist with a 1/2" Qtz. str. very sparse pyrite							
91.0 - 98.2	Chlorite schist fine gr. 90.8 - 92.4 Qtz. str's. in chl. sch. Fair min. py. pyrr. - sphalerite veinlet Sl. sericitized around Qtz. no visible galena 92.4 - 96.3. Chl. sch. a few carb. str's. 96.3 - 98.2 As above							
98.2 - 99.4	Ash bed. 75% Qtz. & carb. str's. - Whit. & blue Qtz. White Qtz. has hairlike fractures. sparse pyrite. Core laced with rusty seams.							
99.4 - 100.5	Rusty schist - no visible min. Flow Top material							

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN HOLE NO. 24

SHEET NUMBER 2 OF 3 SECTION FROM            TO            STARTED             
 LATITUDE            DATUM            COMPLETED             
 DEPARTURE            BEARING            ULTIMATE DEPTH             
 ELEVATION            DIP            PROPOSED DEPTH           

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g.	SLUGS OF GOLD			
100.5 - 102.3	Ash bed. Qtz. str's. in sch. 50% qtz. scattered thru sample. Qtz. rose coloured & vuggy <sup>in</sup> spots. One 2" blue qtz. str. very sl. pyrite. off specs of chalco. Rusty throughout. A few specs of galena.							
102.3 - 105.5	Chlorite sch. sl. carb <sup>d</sup> . not min.							
105.5 - 107.3	Flow Top material - ash bed. sil <sup>d</sup> . gritty with qtz. veinlets & carb. seams. Very sparse min.							
107.3 - 108.8	As Above							
108.8 - 112	" " a few qtz. veinlets							
112 - - 117	Chloritized sch. cut by carb. veinlets. A few siliceous str's.							
117 - - 119.5	As above							
119.5 - 123.3	Chl <sup>d</sup> . schist							
123.3 - 124.8	" " disseminated <u>galena</u> , sp. py. Many rusty hairlike veinlets.							
124.8 - 129.8	Chl <sup>d</sup> . schist, a few carb. str's. 4 - 1/8" qtz. veinlets. Well min. (py.) scattered through this section.							
129.8 - 130.1	Chl. schist with 2 - 1/2" qtz. veinlets. min. with sl. <u>chalco.</u> py. & <u>galena</u>							

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**TO FOLLOW**



PROPERTY JUTTEN

HOLE NUMBER 24

SHEET NUMBER 2 of 3

SECTION FROM TO

## DIAMOND DRILL RECORD

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

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING  
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

Page 2.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
100.5 - 102.3	Ash bed. Qtz. str's. in sch. 50% qtz. scattered thru sample. Qtz. rose coloured & vuggy in spots. One 2" blue qtz. str. very sl. pyrite. odd specs of chalco. Rusty throughout. A few specs of galena							
102.3 - 105.5	Chlorite sch. sl. carb <sup>d</sup> . not min.							
105.5 - 107.3	Flow Top material - ash bed. sil <sup>d</sup> . gritty with qtz. veinlets & carb. seams. very sparse min.							
107.3 - 108.8	As Above							
108.8 - 112	" " a few qtz. veinlets.							
112 - - 117	Chloritized sch. cut by carb. veinlets. a few siliceous str's.							
117 - 119.5	As above							
119.5 - 123.3	Chl <sup>d</sup> . schist							
123.3 - 124.8	" " disseminated galena, sp. py. Many rusty hairlike veinlets.							
124.8 - 129.8	Chl <sup>d</sup> . schist, a few carb. str's. 4 - 1/8" qtz. veinlets. well min.(py.) scattered through this section.							
129.8 - 130.1	Chl. schist with 2 - 1/4" qtz. veinlets. min. with sl. chalco. py. & galena.							

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# DIAMOND DRILL RECORD

**PROPERTY**

HOLE NO. 24

SHEET NUMBER 3 of 3

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

STARTED. \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

**BEARING** \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
130.1 - 130.6	3" qtz. str. (Blue) well min. with galena, pyrite & diss. chalco. ? Sphalerite				
130.6 - 132.0	2 Qtz. veinlets ( $\frac{1}{2}$ ") & one $\frac{1}{2}$ Blue Qtz. veinlet, with pyr. galena in chl. sch.				
132. - 134.2	3 qtz. str's. in chl. sch. very sparsely in. - galena				
134.2 - 138.8	Soft chlorite schist with carb. str's. one barren white qtz. vein - 3"				
138.8 - 140.6	Slightly rusty schist - 2 qtz. veinlets scattered through this sample - sparse dissem. py. no galena observed.				
140.6 - 143.2	As above. 5 Veinlets of qtz. poor min.				
143.2 - 156.6	Chl. carb. sch. - barren				
156.6 - 167.	And. - mass. fine gr. chl <sup>d</sup> . 164 - 165 - Barren white qtz. veinlets in chloritized And.				
	END				
Casing broke in hole 35 ft. & Bit left in hole.		No definite wide vein cut in this hole - similar to veins in Hole 16.			

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TO FOLLOW**



**JUTTEN**

HOLE NUMBER 24

SHEET NUMBER 3 of 3

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 \$	MUDGOL GOLD \$
130.1 - 130.6	3" qtz. str. (Blue) well min. with galena, pyrite & diss. chalc. ? Sphalerite				
130.6 - 132.0	2 Qtz. veinlets ( $\frac{1}{8}$ " ) & one $\frac{1}{2}$ Blue qtz. veinlet, with pyr. galena in chl. sch.				
132. - 134.2	3 qtz. str's. in chl. sch. very sparsely in. - galena.				
134.2 - 138.8	Soft chlorite schist with carb. str's. one barren white qtz. vein - 3"				
138.8 - 140.6	Slightly rusty schist - 2 qtz. veinlets scattered through this sample - sparse dissem. py. no galena observed				
140.6 - 143.2	As above. 5 Veinlets of qtz. poor min.				
143.2 - 156.6	Chl. carb. sch. - barren				
156.6 - 167.	And. - mass. fine gr. chl <sup>d</sup> . 164 - 165 - Barren white qtz. veinlets in chloritized And.				
End		No definite wide vein cut in this hole - similar to veins in hole 16.			
Dusting broke in hole					
35 ft. & Bit left in hole					

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

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Sanden & Hollingsworth

**SIGNED**

R. D. Lee, Secy.



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 25

SHEET NUMBER 1 of 2

SECTION FROM            TO           

STARTED June 22, 1949

LATITUDE 12. North J. Base Line

DATUM Swamp 0-00

COMPLETED June 23, 1949

DEPARTURE 47. East

BEARING 138°

ULTIMATE DEPTH 44 ft.

ELEVATION + 5.2 ft.

DIP 50°

PROPOSED DEPTH           

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUES GOLD %		
0 - 3	Casing						
3 - 5	Rusty broken chlorite schist						
	At 5.0 ft. Lost water -crack - (to surface)						
5 - 17	Massive basic lava, med. grained light green.						
	A few carb. str's. Hole 1 ft. at 12 ft.						
17 - 18.2	As above - Rusty pin holes - sil <sup>d</sup> . in part with fine diss. pyr.						
18.2 - 20.4	Same - slightly more siliceous						
20.4 - 23.3	Ash bed - Siliceous, light & dark banding very sp. widely diss. pyr.						
23.3 - 25	As above, more min. diss. galena, py. in seams.						
25.0 - 28	Same						
28.0 - 29.3	" with scatt. mineralization. galena, pyrite & odd specs. of sphalerite.						
( 29.3 - 31.1	Qtz. Vein (H. Wall) 2" of wall rock.						
5.5 (	Well min. - pyrite - galena, in clusters up to 1/2						
ft. (	across. Qtz. bluish white variegated - No V.G.						
( 31.1 - 32.9	Qtz. Vein. Blue angular fragments in a white Qtz.? matrix. Blue frags. partially digested. Some frags. min. around borders with py. Py. & galena diss. through sample - Appears to be finer than above sample						
(							
(							
(							
(							

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TO FOLLOW**



PROPERTY

JUTTEN

HOLE NUMBER 25

SHEET NUMBER 1

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 12. North  
 DEP. 47. East  
 ELEVATION OF COLLAR + 5.2 ft.  
 DATUM Swamp 0-00  
 DIRECTION AT START: BEARING 138°  
 DIP 50°

STARTED June 22, 1949  
 COMPLETED June 23, 1949.  
 ULTIMATE DEPTH 44 ft.  
 PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 3	Casing							
3. - 5	Rusty broken chlorite schist.							
	At 5.0 ft. Lost water - crack - (to surface)							
5. - 17	Massive basic lava, med. grained light green.							
	A few carb. str's. Hole 1 ft. at 12 ft.							
17. - 18.2	As above - Rusty pin holes - sil <sup>d</sup> . in part with fine diss. pyr.							
18.2 - 20.4	Same - slightly more siliceous							
20.4 - 23.3	Ash bed - Siliceous, light & dark banding very so. widely diss. pyr.							
23.3 - 25.	As above, more min. diss. galena, py. in seams.							
25.0 - 28	Same							
28.0 - 29.3	" with scatt. mineralization.							
	galena, pyrite & odd specs of sphalerite.							
29.3 - 31.1	Qtz. Vein (H. Wall) 2" of wall rock.							
	Wall min. - pyrite - galena, in clusters up to 1/2							
	across. Qtz. bluish white variegated - No V.G.							
31.1 - 32.9	Qtz. Vein. Blue angular fragments in a white Qtz. matrix. Blue frags. partially digested. Some frags. min. around borders with py. Py. & galena diss. through sample - Appears to be finer than above sample							

5.5 ft

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

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN HOLE NO. 25

SHEET NUMBER 2 of 2 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUISH GOLD %			
(32.9 - 34.8 ( ( (	Qtz. Vein (Footwall side). Whiter with mottled blue fragments - 2" of carb. wall rock incl. in sample: min. with fine py. & galena. Diss. pyrr. Not as well min. as H. Wall							
34.8 - 37.0	Carb <sup>d</sup> . sl. silicified sch. with diss. py.							
37.0 - 44.0	Chlorite schist with carb. str's.							
END								

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TO FOLLOW**



**PROPERTY**

**JUTTEN**

27942

HOLE NUMBER

22

SHEET NUMBER

2

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 \$	MUDROCK GOLD \$
( 32.9 - 34.8 )	Qtz. Vein (Footwall side). Whiter with mottled blue fragments - 2" of carb. wall rock incl. in sample. min. with fine py. & galena. Diss. pyrr.  Not as well min. as H. Wall				
34.8 - 37.0	Carb <sup>d</sup> . sl. silicified sch. with diss. py.				
37.0 - 44.0	Chlorite schist with carb. str's.				
	End				

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

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Sanden & Hollingsworth

**SIGNED**

**SIGNED**



# DIAMOND DRILL RECORD

PROPERTY JUTTEN (#6)

HOLE NO. 26

SHEET NUMBER 1 of 2

SECTION FROM                      TO                     

STARTED June 22, 1949

LATITUDE 6.5 ft. North J. Base-Line

DATUM Swamp EL.0.00

COMPLETED June 23, 1949

DEPARTURE 0 + 93 ft. East " " "

BEARING                     

ULTIMATE DEPTH 63 ft.

ELEVATION + 20.0

DIP 50°

PROPOSED DEPTH 60 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUOGG GOLD %			
0 - 4.5	Massive lava fine gr. sl. sheared							
4.5 - 8.2	As above, a few carb. str's. Not min.							
8.2 - 16.5	Ash bed. Lost water at 12.3							
	12.3 - 16.5 - Sl. silic <sup>d</sup> . Sp. diss. py. & gal.							
16.5 - 17.4	Ash bed, very sl. py & (gal. in seams)							
x 17.4 - 17.9	Blue qtz. vein sl. py. fair amt. of gal. also blebs of pyrr.							
x 17.9 - 19.4	Silic <sup>d</sup> . min. sch. (H. Wall of Vein) fair amt. py. & gal. diss. sphalerite.							
x 19.4 - 26.6	#6 Qtz. Vein (3 samples)							
	x 19.4 - 21.6 Blue qtz. well min. with fine xtn. py. & diss. galena. Several vugs							
	x 21.6 - 24.6 Blue qtz. with 2 white qtz. str's. at 23.0 less min. than above.							
	x 24.0 - 26.6 - Blue qtz. diss. fine py. & galena (Finer than on H. Wall)							
	one 1" white qtz. str. in sample							
26.6 - 27.4	Sl. carb. sch. with 2 1/8" Blue qtz. str's. Sl.py. & gal. in qtz. str's.							
27.4 - 27.9	Lost core							

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PROPERTY

JUTTEN (#6)

37142

HOLE NUMBER 26

SHEET NUMBER 1 of 2

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 6.5 ft. North J. Base-Line  
 DEP. ( ) + 93 ft. East " " "  
 ELEVATION OF COLLAR + 20.0  
 DATUM Swamp El. 0.00  
 DIRECTION AT START: BEARING  
 DIP 50°

STARTED June 22, 1949,  
 COMPLETED June 23, "  
 ULTIMATE DEPTH 63 ft.  
 PROPOSED DEPTH 60 ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 4.5	Massive lava fine gr. sl. sheared							
4.5 - 8.2	As above, a few carb. str's. Not min.							
8.2 - 16.5	Ash bed. Lost water at 12.3							
	12.3 - 16.5 - Sl. silic <sup>d</sup> . sp. diss. py. & gal.							
16.5 - 17.4	Ash bed, very sl. py. & (gal. in seams)							
x 17.4 - 17.9	Blue qtz. vein sl. py. fair amt. of gal. also blebs of pyrr.							
x 17.9 - 19.4	Silic <sup>d</sup> min. sch. (H. Wall of Vein) fair amt. py. & gal. diss. sphalerite.							
x 19.4 - 26.6	#6 Qtz. Vein (3 samples)							
	x 19.4 - 21.6 Blue qtz. well min. with fine xtn. py. & diss. galena. Several vugs							
	x 21.6 - 24.6 Blue qtz. with 2 white qtz. str's. at 23.0 less min. than above.							
	x 24.0 - 26.6 - Blue qtz. diss. fine py. & galena (Finer than on H. Wall)							
	one 1" white qtz. str. in sample							
26.6 - 27.4	Sl. carb. sch. with 2 1/8" Blue qtz. str's. Sl. py. & gal. in qtz. str's.							
27.4 - 27.9	Lost core							

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

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ JUTTEN

HOLE NO. 26

SHEET NUMBER 2 of 2

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

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

**DATUM** \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

**BEARING** \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	ELUOGE GOLD g	
27.9 - 30.0	Sl. carb. sch. chlorit <sup>d.</sup> on slip faces. Not vis. min <sup>d.</sup>					
30. - 63.	Chloritic carb. sch. 47.5 - 50? as above sl. py. & sl. diss. galena.					

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TO FOLLOW



**JUTTEN / 6**

20

2 of 2

... TO

# DIAMOND DRILL RECORD

**LOCATION:**

### ELEVATION OF COLLAR

**DATUM**

**DIRECTION AT START:**

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

[illegible]

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

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Sanden & Hollingsworth

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 27

SHEET NUMBER 1 of 2

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

STARTED June 28/48

LATITUDE 14 N. J. B. Line

DATUM \_\_\_\_\_

COMPLETED June 29/48

DEPARTURE 114 E. " " "

BEARING 148°

ULTIMATE DEPTH 47 ft.

ELEVATION + 28.1

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 1	Casing							
1 - 3	Mass. fine lava							
3 - 22	Sericitic schist. sl. chloritized. Badly broken ground, heavily sheared on surface where slight flexure occurs. 7.5 ft. of this sect. did not core. All this sect. oxidized. 3 - 4.7 Broken rusty schist. widely scatt. fine py. 4.7 - 9 No core 9 - 10.1 Min. sch. py. in seams. Sl. biotized sl. sil'd. 10.1 - 12.5 No core 12.5 - 15. Sl. sil'd. scatt. fine py. Sl. biotized. Rusty 15 - 17 No core 17 - 18 Well Min. sil <sup>d</sup> . sch. several seams 1/8" solid py. 18.5 - 19 No core 19 - 22 Sil <sup>d</sup> . sch. Very sp. py.							
22 - 25.7	(Marker) Flecked Grey schist							
	24.2 - 24.6 Qtz. Str. (Sugary) fine py. - diss.							
25.7 - 27	No core Lost water							
27 - 29.8	Ash bed. a few qtz. str's. sl. py. in qtz.							
29.8 - 32	" " " " " " " " chloritic							

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PROPERTY

JUTTEN

HOLE NUMBER 27

SHEET NUMBER 1

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 14 N. J. B. Line  
 DEP. 114 E. " "  
 ELEVATION OF COLLAR + 28.1  
 DATUM  
 DIRECTION AT START: BEARING 142°  
 DIP 50°

STARTED June 28 / 43  
 COMPLETED " 29 "  
 ULTIMATE DEPTH 47 ft.  
 PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 1	Casing						
1 - 3	mass. fine lava						
3 - 22.	sericitic schist. sl. chloritized. badly broken ground, heavily sheared on surface where slight flexure occurs. 7.5 ft. of this sect. did not core. All this sect. oxidized.						
3 - 4.7.	broken rusty schist. widely scatt. fine py.						
4.7 - 9	No core						
9 - 10.1	fin. sch. py. in seams. Sl. biotized sl. sil'd.						
10.1 - 12.5	No core						
12.5 - 15.	Sl. sil'd. scatt. fine py. Sl. biotized. rusty						
15 - 17	No core						
17 - 18	well min. sil'd. sch. several seams 1/8" solid y.						
18.5 - 19	No core						
19 - 22	Sil'd. sch. Very so. py.						
22 - 24.7	(Marker) blocked grey schist						
24.2 - 24.6	(tz. tr. (Jugary) fine py. - diss.						
24.7 - 27	No core Lost water						
27 - 27.5	ash bed. a few qtz. str's. sl. py. in tz.						
27.8 - 31	" " " " " " " " chloritic						

NORTHAM WIRE PRESS LIMITED, TORONTO STOCK FORM NO 801 REV. 9-44

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN HOLE NO. 27

SHEET NUMBER 2 of 2 SECTION FROM            TO            STARTED             
 LATITUDE            DATUM            COMPLETED             
 DEPARTURE            BEARING            ULTIMATE DEPTH             
 ELEVATION            DIP            PROPOSED DEPTH           

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
32 - 34.2	Qtz. Vein. Well min. with pyrite. Not so much galena as in other sections cut. Tourmaline in isolated patches.							
34.2 - 35.7	Ash bed. silicified sp. py.							
35.7 - 47	Chl. sch. Sl. carbonated no vis. min.							
END								

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 TO FOLLOW



PROPERTY JUTTEN

HOLE NUMBER.....27.....

SHEET NUMBER **2 of 2**

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 \$		
32 34.2	Qts. Vein. Well min. with pyrite. Not so much galena as in other sections cut. Tourmaline in isolated patches.						
34.2 - 35.7	ish bed. silicified sp. pr.						
35.7 - 47	Chl. sch. Sl. carbonated no vis. min.						
	End						

5097-108 W. H. H. P. 11111 LIMITED TORONTO STOCK EXCH. NO. 801 415 0 44

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 28

SHEET NUMBER \_\_\_\_\_

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

STARTED June 30, 1949

LATITUDE 32 N. J. Base Line

DATUM \_\_\_\_\_

COMPLETED July 1, 1949

DEPARTURE 144 E.

BEARING 154°

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

ELEVATION 30.6

DIP 50°

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUETTE GOLD g			
0 - 1.3	Casing							
1.3 - 17	Mass. lava. Siliceous Mottled with a few hairlike carb. str's. light green.							
17 - 43	Fine gr. Andesite, chloritized, 24.8 - 25.3 Qtz. Vein; Very sl. py. on F. Wall 35.8 - 37.3 Qtz. " (8") White qtz. in between grey carb. walls. one bleb of pyrrhotite.							
43 - 54.1	Flecked grey sch. chloritized. Hole 47-47 ft. (lost core 50-53 hole?) No pressure on drill.							
54.1 - 54.9	Ash bed. Sl. pyrr. & py. sparse galena							
54.9 - 56.6	Qtz. Vein Light grey qtz. fairly heavily min. with pyrrhotite - sl. py. sparse galena with a few specks of sphalerite.							
56.6 - 57.9	Ash bed. Sl. silicified barren? one rusty seam							
57.9 - 60	" " Barren							
60.0 - 64	Chlorite schist. a few carb. str's.							
END								

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PROPERTY

JULIAN

## DIAMOND DRILL RECORD

HOLE NUMBER 28

SHEET NUMBER

SECTION FROM TO

LOCATION: LAT. 32.N. J. Base-line  
 DEP. 144.E.  
 ELEVATION OF COLLAR 50.6  
 DATUM  
 DIRECTION AT START: BEARING 154°  
 DIP 50°

STARTED June 30, 1949

COMPLETED July 1, 1949

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 1.3	Casing				
1.3 - 17.	Mass. lava. Siliceous				
	Mottled with a few hairlike carb. str's. light green.				
17 - 43	Fine gr. andesite, chloritized,				
	24.8 - 25.3 Qtz. Vein; Very sl. py. on F. Zell.				
	35.6 - 37.3 Qtz. " (8") White qtz. in between				
	grey carb. walls. one blob of pyrrhotite.				
43 - 54.1	Flecked grey sch. chloritized.				
	Hole 47-47 ft. (lost core 50-53 hole?) No pressure on drill.				
54.1 - 54.9	Ash bed. sl. pyrr. & py. sparse galena				
54.9 - 56.6	Qtz. Vein Light grey qtz. fairly heavily min. with				
	pyrrhotite - sl. py. sparse galena				
	with a few pieces of schalerite.				
56.6 - 57.9	Ash bed. sl. silicified barren? one rusty bean				
57.9 - 60	" " Barren				
60.0 - 64	Chlorite schist. a few carb. str's.				
	End				

N. B. MINER PRESS LIMITED, TORONTO, ONT. FORM NO. 301 REV. 9-44

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ JUTTEN \_\_\_\_\_ HOLE NO. 29

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED July 2, 1949  
 LATITUDE 25.S DATUM \_\_\_\_\_ COMPLETED July 3, 1949  
 DEPARTURE 187.E BEARING 340° ULTIMATE DEPTH 55 ft.  
 ELEVATION + 330.ft. DIP 55° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD #	BLUOGG GOLD #			
0 - 14.7	Mass. basic lava							
14.7 - 35	Chlorite sch. Soft sl. carb <sup>d</sup> . by str's. becoming extremely soft at 35.0 ft. (lost water Hole)							
35.5 - 35.7	Qtz. stringer (Vein?) Rusty Vuggy							
35.7 - 39.3	Ash bed. sl. silicified							
39.3 - 48.8	Flecked schist. chl <sup>d</sup> .							
	42.4 - 43.5 Rusty flecked sch. no vis. min.							
48.8 - 55	Med. gr. mass. basic lava							
	END							

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PROPERTY

JUTTEN

HOLE NUMBER 29

SHEET NUMBER

SECTION FROM

TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 25.S  
DEP. 187.E

ELEVATION OF COLLAR + 330.Ft.

DATUM

DIRECTION AT START: BEARING 340°  
DIP 55°

STARTED July 2, 1949

COMPLETED " 3, 1949

ULTIMATE DEPTH 55 ft.

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 14.7	Mass. basic lava						
14.7 - 35.	Chlorite sch. soft sl. carb <sup>d</sup> . by str's. becoming extremely soft at 35.0 ft. (Lost water Hole)						
35.5 - 35.7	Qtz. stringer (Vein?) Rusty Vuggy						
35.7 - 39.3	Ash bed. sl. silicified						
39.3 - 48.8	Flecked schist. chl <sup>d</sup> .						
	42.4 - 43.5 Rusty flecked sch. no vis. min.						
48.8 - 55.	Med. gr. mass. basic lava						
	End						

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

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 30

SHEET NUMBER \_\_\_\_\_

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

STARTED July 3, 1949

LATITUDE 25 South

DATUM Swamp 0 -00

COMPLETED July 4, 1949

DEPARTURE 187 East J. Base-line

BEARING 290°

ULTIMATE DEPTH 61 ft.

ELEVATION 33.0 ft

DIP 60°

PROPOSED DEPTH 60 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUDGE GOLF			
0 - 1	Casing							
1 - 20	Massive basic lava, Very sl. siliceous even med. grained							
20 - 26.5	As above. slightly sheared with a few thread like carbonate veinlets							
26.5 - 35.3	Chlorite sch. numerous carb. veinlets. Dark green							
	35.3 Lost water							
35.3 - 46.0	Ash bed - with a few siliceous stringers Not Mineralized.							
46 - 47.6	Ash bed - three siliceous str's. with sp. pyrite (no galena or sphalerite) - Brown carb. spots.							
47.6 - 48.2	Qtz. str's. in schist (Vein?) Poorly min. sp. py. Nc galena Nc. sphalerite.							
48.2 - 50.4	Flecked schist (Marker) Barren chloritized.							
50.4 - 61.0	" " " "							
END								

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# DIAMOND DRILL RECORD

LOCATION: LAT. 25 South  
DEP. 187 East J. Base-line  
ELEVATION OF COLLAR 33.0 ft.  
DATUM Swamp G-OU  
DIRECTION AT START: BEARING 290°  
DIP 60°

STARTED July 3, 1949

COMPLETED R 1949

ULTIMATE DEPTH 61 ft.

PROPOSED DEPTH 60. Ft.

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLURGE GOLD \$
0 - 1	Casing				
1 - 20	Massive basic lava. Very sl. siliceous even med. grained				
20 - 26.5	As above. slightly sheared with a few thread like carbonate veinlets				
26.5 - 35.3	Chlorite sch. numerous carb. veinlets. Dark green 35.3 Lost water				
35.3 - 46.0	Ash bed - with a few siliceous stringers. Not Mineralized				
46 - 47.6	Ash bed - three siliceous str's. with sp. pyrite (no galena or sphalerite) - Brown carb. spots.				
47.6 - 49.2	Qtz. str's. in schist (Vein?) Poorly min. sp. py. No galena No. sphalerite.				
49.2 - 50.4	Plekked schist (Marker) Barren chloritized.				
50.4 - 61.0	" " " "				
	End				

NORTHSTAR MINING CORP. LIMITED TORONTO STOCK EXCH. NO. 991 94X 9 44

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN (#6) HOLE NO. 31

SHEET NUMBER 1 of 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED July 4, 1949  
 LATITUDE 0+36.5 South) DATUM Swamp 0-00. ft. COMPLETED July 4, 1949  
 DEPARTURE 2+29 East) J. Base Line BEARING 334° ULTIMATE DEPTH 57 ft.  
 ELEVATION \_\_\_\_\_ DIP 50° PROPOSED DEPTH 55 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUOGG. GOLD %			
0 - 1	Casing							
1 - 3	" Massive med. gr. basic lava							
3 - 22.3	As above, becoming sl. sheared at 22.0							
22.3 - 36.0	Chloritized schist. a few carb. str's. Lost water 27.6							
36.0 - 36.7	Hole. No core.							
36.7 - 44.9	Ash bed. fine gr. light & dark bands a few sil. str's. but not mineralized. 36.7 - 40 Ash bed sl. oxid at 38.9 a few sil. str's. No def. vein (not min.)							
44.9 - 53.5	Flecked sch. chloritized. Quite similar in every respect to that encountered in holes to west. Marker.							
53.5 - 57	Massive basic lava med. gr. sl. olive green colour							

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1 of 1

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# DIAMOND DRILL RECORD

LAT. 0+36.5 South)  
 LOCATION: DEP. 2+29 East ) J. Base line  
 ELEVATION OF COLLAR Swamp 0-00. Ft.  
 DATUM Swamp 0-00. Ft.  
 BEARING 334°  
 DIRECTION AT START: 50°  
 DIP 50

July 4, 1949

10

57 ft.

55 ft.

[illegible]

NORTHERN MINES CORP. LIMITED TORONTO - STOCK FORM NO 881 REV 2-64

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN (#6) HOLE NO. 32

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED July 5, 1949  
 LATITUDE 26 South DATUM Swamp 0-00.EL. COMPLETED July 7, 1949  
 DEPARTURE 229 East ) J. Base Line BEARING 154° ULTIMATE DEPTH 83 ft.  
 ELEVATION 36.5 ft. DIP 50° PROPOSED DEPTH 80 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	BLUDGE. GOLD %			
0 - 7	Mass. basic lava. fine gr.							
7 - 83	Andesite - Pillowed. fine gr. lt. green, distinct pillow margins. Coarser gr. beyond 70 ft. Numerous specs of diss. pyrrhotite as encountered in Trench. To East. (High Mag. Readings) 50-51.3 Barren white qtz. vein (16 ft.) in pillow margin.  68.2 - 68.5 Barren Blue qtz. str. in Pill. margin 70.7 - 71.0 Heavily min. qtz. str. mass. pyrrhotite bluish qtz. 73 - 73.5 Barren white qtz. str.							

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HOLE NUMBER 32

SHEET NUMBER .....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 26 South) J. New line  
DEP. 229 East )  
ELEVATION OF COLLAR 36.5 Ft.  
DATUM Swamp C-00, EL. 8  
DIRECTION AT START: BEARING 154°  
DIP 50°

STARTED July 5, 1949

COMPLETED " 7 "

ULTIMATE DEPTH 83 ft.

PROPOSED DEPTH 80 ft.

[illegible]

WILLIAM WILSON PRESS LIMITED TORONTO-370X FORM NO 821 REV 9 44

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SIGNED 1-1-50



# DIAMOND DRILL RECORD

PROPERTY UNITED #6 HOLE NO. 33

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED July 7, 1949  
 LATITUDE 28 N ) DATUM Swamp COMPLETED July 9, 1949  
283 E ) J. Base Line BEARING 155° ULTIMATE DEPTH 96 ft.  
 DEPARTURE \_\_\_\_\_ DIP 50° PROPOSED DEPTH 90 ft.  
 ELEVATION 40.3

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %		
0 - 36	Andesite fine gr. slightly acid						
36 - 51.6	Massive basic lava						
51.6 - 54.9	Marker - Grey flecked schist. sl. chloritic						
54.9 - 55.5	Hole Lost water						
55.5 - 56.4	Blue qtz. vein in chl. sch. 0-6 ft. of qtz. sparse py. odd specs of pyrr. al. biotized						
56.4 - 62.1	Chlorite sch. barren						
62.1 - 63.7	Rusty seams in chl. sch. a few tiny qtz. veinlets. sl. pyrr. sl. py. on slip faces						
63.7 - 70	Chlorite schist. Slightly carbonated.						
70 - 72	" " several seams of qtz. with sphalerite & odd spec of galena.						
72 - 73.4	Hole No core ?						
73.4 - 74.9	Chl. sch. a few sphalerite seams. sp. pyrite & chalcoppyrite.						
74.9 - 78.8	Chl. schist barren						
78.8 - 80.5	" " with sphalerite str's. no visible pyrite						
80.5 - 84.5	Barren - Ash bed ? chloritized						
84.5 - 86.0	Qtz. str's. in chl. sch. sl. diss. pyrr.						
86.0 - 96.0	Chl. schist, probably sheared Andesite.						

END

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PROPERTY JUTTEN #6 7797-HOLE NUMBER 33

SHEET NUMBER .....

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 28 N ) J. Base line  
 DEP. 283 E )  
 ELEVATION OF COLLAR 40.3  
 DATUM SW33  
 DIRECTION AT START: BEARING 155°  
 DIP 50°

STARTED July 7, 1949COMPLETED " 9 "ULTIMATE DEPTH 96 Ft.PROPOSED DEPTH 90 Ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 36	Andesite fine gr. slightly acid						
36 - 51.6	Massiv basic lava						
51.6 - 54.9	Marker - Grey flecked schist. sl. chloritic						
54.9 - 55.5	Hole Lost water						
55.5 - 56.4	Blue qtz. vein in chl. sch. 3-6 ft. of qtz. sparse py. odd specs of pyrr. sl. biotized						
56.4 - 62.1	Chlorite sch. barren						
62.1 - 63.7	Rusty seams in chl. sch. a few tiny qtz. veinlets. sl. pyrr. sl. py. on slip faces						
63.7 - 70	Chlorite schist. slight y carbonated.						
70 - 72	" " several seams of qtz. with sphalerite & odd spec of galena.						
72 - 73.4	Hole No core ?						
73.4 - 74.9	Chl. sch. a few sphalerite seams. sp. pyrite & chalcoppyrite.						
74.9 - 78.8	Chl. schist barren						
78.8 - 80.5	" " with sphalerite str's. no visible pyrite						
80.5 - 84.5	Barren - Ash bed ? chloritized						
84.5 - 86.0	Qtz. str's. in chl. sch. sl. diss. pyrr.						
86.0 - 96.0	Chl. schist. probably sheared Andesite.						
	End						

NORTHERN MINER PRESS LIMITED TORONTO STOCK FORM NO 601 REV 9 44

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# DIAMOND DRILL RECORD

PROPERTY JUTTEN #6 HOLE NO. 34

SHEET NUMBER \_\_\_\_\_ SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED July 9, 1949  
 LATITUDE 23 North ) J. Base Line DATUM Sw 0 - 00 COMPLETED July 10, 1949  
 DEPARTURE 356 East ) BEARING 140° ULTIMATE DEPTH 82 ft.  
 ELEVATION 34.5 DIP 50° PROPOSED DEPTH 80 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD #	REMARKS			
0 - 51.3	Andesite. Pillowed. Fine grained light green sericitized on fracture planes. Numerous brecciated & variegated pillow margins. Some contain fair amount of qtz. & are sl. min. becomes sl. sheared beyond 48. ft. Abrupt contact. Fine net work of carb' filled fractures throughout this flow. 25 - 26.3 min. pillow margin. Sparse pyrite 10% qtz. with biotite str's. in epidotized matrix. 27.7 - 29.2 As above but 15% qtz. 32.3 - 33.4 " " less qtz. 5% sp. py.							
51.3 - 62.0	Ash bed. Light & dark bands. Light bands of carb. or barren qtz veinlets. sl. silicified throughout. 52.3 - 53.3 5 inch smoky quartz str. in acid schist. odd specs of diss. pyrite 53.3 - 54.6 Hole No core Lost water.							
62.0 - 68.6	Chlorite schist. sl. carb <sup>d</sup> . barren							
68.6 - 80	Massive slightly acid lava fine grained, light pale green							
	END							
(Note	- No "Flecked" marker in this Hole)							

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PROPERTY

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279-2

HOLE NUMBER

34

SHEET NUMBER

SECTION FROM

TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 23 North) J. Pass 1 no  
 DEP. 356 East )  
 ELEVATION OF COLLAR 34.5  
 DATUM Swamp 0-00  
 DIRECTION AT START: BEARING 140°  
 DIP 50°

STARTED July 9, 1949

COMPLETED " 10, "

ULTIMATE DEPTH 82 Ft.

PROPOSED DEPTH 80 Ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 51.3	Andesite. Pillowed. Fine grained light green sericitized on fracture planes. Numerous brecciated & variegated pillow margins. Some contain fair amount of qtz. & are al. min. becomes al. sheared beyond 48. ft. Abrupt contact. Fine net work of carb' filled fractures throughout this flow. 25 - 26.3 min. pillow margin. Sparse pyrite 10% qtz. with biotite str's. in epidotized matrix. 27.7 - 29.2 As above but 15% qtz. 32.3 - 33.4 " " less qtz. 5% sp. py.						
51.3 - 62.0	Ash bed. Light & dark bands. Light bands of carb. or barren qtz veinlets. al. silicified throughout. 52.3 - 53.3 5 inch smoky quartz str. in acid schist. odd specs of dias. pyrite 53.3 - 54.6 Hole No. core Lost water.						
62.0 - 62.6	Chlorite schist. al. carb. barren						
62.6 - 80	Massive slightly acid lava fine grained, light pale green						
(4 to - No "Flocked" marker in this hole)	End						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 8011-EV 8-44

DRILLED BY

Sander &amp; Hollingsworth

SIGNED



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 35

SHEET NUMBER 1 of 2

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

STARTED July 11, 1949

LATITUDE 80 North)

DATUM Swamp 0-00

COMPLETED July 13, 1949

DEPARTURE 210 East ) J. Base Line

BEARING 150°

ULTIMATE DEPTH 150 ft.

ELEVATION 39.1 ft.

DIP 50°

PROPOSED DEPTH 150 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	BLUOGG GOLD g			
0 - 100.8	Pillowed Andesite. This is an evenly fine grained rock. Light green. Slightly Acidic with distinct pillow margins throughout. The pillow margins have diss. pyrrhotite and odd xts. of pyrite in tiny qtz. veinlets.							
100.8 - 104.8	Massive medium grained basic lava							
104.8 - 114.6	Flecked schist marker. (chlorite schist with white feldspar specs, oriented in direction of shearing.							
114.6 - 140	Ash bed. 116 - 121 sl. oxid. Sp. min. in sec <sup>s</sup> 118.3 - 119. Hole, No core. Badly broken 119 - 120. A few reddish stains (Oxid sphalerite?) sp. diss. pyrite in sec's. No visible galena - Very weak looking min. sec's. A few blue qtz. veinlets 114.6 - 118.3. Ash bed. Sl. oxid. Sl. min. as above 119.0 - 121.0 " " More oxid sl. more min. but still very sparse. 121 - 123.4 As above. More qtz. sp. min.							
140 - 150	Med. gr. sl. Acid Lava. Sl. sheared to 148 Massive beyond 148-150. Three barren qtz. veins.							

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TO FOLLOW**



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 35

SHEET NUMBER 1 of 2

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

STARTED July 11, 1949

LATITUDE 80 North

DATUM Swamp 0-00

COMPLETED July 13, 1949

DEPARTURE 210 East ) J. Base Line

BEARING 150°

ULTIMATE DEPTH 150 ft.

ELEVATION 39.1 ft.

DIP 50°

PROPOSED DEPTH 150 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g			
0 - 100.8	Pillowed Andesite. This is an evenly fine grained rock. Light green. Slightly Acidic with distinct pillow margins throughout. The pillow margins have diss. pyrrhotite and odd xts. of pyrite in tiny qtz. veinlets.							
100.8 - 104.8	Massive medium grained basic lava							
104.8 - 114.6	Flecked schist marker. (chlorite schist with white feldspar specs, oriented in direction of shearing.							
114.6 - 140	Ash bed. 116 - 121 sl. oxid. Sp. min. in sec <sup>s</sup> 118.3 - 119. Hole, No core. Badly broken 119 - 120. A few reddish stains (Oxid sphalerite?) sp. diss. pyrite in sec's. No visible galena - Very weak looking min. sec's. A few blue qtz. veinlets 114.6 - 118.3. Ash bed. Sl. oxid. Sl. min. as above 119.0 - 121.0 " " More oxid sl. more min. but still very sparse. 121 - 123.4 As above. More qtz. sp. min.							
140 - 150	Med. gr. sl. Acid Lava. Sl. sheared to 148 Massive beyond 148-150. Three barren qtz. veins.							

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TO FOLLOW**



PROPERTY JUTTENHOLE NUMBER 35

SHEET NUMBER .....

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 80 North  
DEP. 210 East ) J. Base Line  
ELEVATION OF COLLAR 39.1 Ft.  
DATUM Swamp 0-00  
DIRECTION AT START: BEARING 130°  
DIP 50°

STARTED July 11, 1949  
COMPLETED " 13, "  
ULTIMATE DEPTH 150 Ft.  
PROPOSED DEPTH 150 Ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 100.8	Pillowed Andesite. This is an evenly fine grained rock. Light green. Slightly Acidic with distinct pillow margins throughout. The pillow margins have diss. pyrrhotite and odd xts of pyrite in tiny qts. veinlets.						
100.8 - 104.8	Massive medium grained basic lava						
104.8 - 114.6	Flecked schist marker. (chlorite schist with white feldspar specs, oriented in direction of shearing.						
114.6 - 140	Ash bed. 116 - 121 sl. oxid. Sp. min. in sec <sup>s</sup> 118.3 - 119. Hole, No core. Badly broken 119 - 120. A few reddish stains (Oxid sphalerite?) sp. diss. pyrite in sec's. No visible galena - Very weak looking min. sec's. A few blue qts. veinlets 114.6 - 118.3. Ash bed. Sl. oxid sl. min. as above 119.0 - 121.0 " " More oxid sl. more min. but still very sparse 121 - 123.4 As above. More qts. sp. min.						
140 - 150	Med. gr. sl. Acid lava. Sl. sheared to 148 Massive beyond 148-150. Three barren qts. veins.						

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 3-44

DRILLED BY .....

SIGNED .....



# DIAMOND DRILL RECORD

PROPERTY JUTTEN

HOLE NO. 35

SHEET NUMBER 2 of 2

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

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

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

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %		
	Qtz. veins.						
	140.5 - 140.9 White barren qtz. vein.						
	145.7 - 146 " " " " with chlorite specs						
	149 - 149.4 " " " "						
	This hole drilled to cut #6 Vein at 100 ft. horizon.						
	END						

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TO FOLLOW



**JUTAS**

HOLE NUMBER

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

LOCATION:

ELEVATION OF COLLAR

DATUM

DIRECTION AT START:

STARTED

COMPLETED

## ULTIMATE DEPTH

PROPOSED DEPTH

[illegible]

NORTHERN MINER PRESS LIMITED TORONTO-STOCK FORM No 301 REV 2-64

DRILLED BY

**SIGNED**



PROPERTY JUTTEN # 6HOLE NUMBER 36SHEET NUMBER 1 of 2

## DIAMOND DRILL RECORD

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

LOCATION: LAT. 82 ft. North)  
DEP. 139 ft. East) J. Base, Line  
ELEVATION OF COLLAR 17.5 feet  
DATUM Swamp 0-00 ft.  
DIRECTION AT START: BEARING 145°  
DIP 45°

STARTED July 14/49  
COMPLETED July 24/49  
ULTIMATE DEPTH 155 feet  
PROPOSED DEPTH 150 feet

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0-14-1	Andestie-fine grained light green - 2 pillow margins. Considerable diss. pyrrhotite throughout						
14.1-31.0	Massive basic lava- med. gr. grey green in color a few specs of pyrrhotite.						
31.0-105.8	Andesite, fine grained pale green. Acidic Massive but showing slight shearing beyond 100 ft. a few sl. carbonated sections (lost water 91.0 ft.) 50.7-52; Ropy lava with 10% qtz. (Rose) very sparse pyrite. 59.7-61; As above with 20% qtz. and yellow Ankerite (brecciated lava) (Very sparse pyrite)						
105.8-111.2	Massive Basic lava, slightly chloritized. grey color.						
111.2-119.7	Flecked Schist Marker, Chloritized, soft. dark grey green flecked appearance.						
119.7-120.5	Grey siliceous schist. (Ash bed) Sl. min. pyrrhotite Very sparse pyrite.						
120.5-121.1	Vein. Blue qtz. sparsely mineralized with pyrite & a few ztls. of galena. Sparse sphalerite. Some pyrrhotite.						

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N. OTHERS MINER PRESS LIMITED 100 JNTO STOCK FORM NO. 801 REV. 8-44

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

SIGNED \_\_\_\_\_



PROPERTY

JUTTEN # 6

HOLE NUMBER 36

SHEET NUMBER 1 of 2

SECTION FROM TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 82 ft. North)  
 DEP. 139 ft. East ) J. Bose. line  
 ELEVATION OF COLLAR 17.5 feet  
 DATUM Swamp 0 - 00 Ft.  
 DIRECTION AT START: BEARING 145°  
 DIP 45°

STARTED July 14, 1949

COMPLETED July 24, 1949

ULTIMATE DEPTH 155 feet

PROPOSED DEPTH 150 feet

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 14.1	Andesite - fine grained light green - 2 Pillow margins. Considerable diss. pyrrhotite throughout							
14.1 - 31.0	Massive basic lava - med. gr. grey green in color a few specs of pyrrhotite.							
31.0 - 105.8	Andesite, fine grained pale green. Acidic							
	Massive but showing slight shearing beyond 100 ft.							
	a few sl. carbonated sections (lost water 91.0 ft.)							
	50.7 - 52. Ropy lava with 10% qtz. (Rose) very sparse pyrite							
	59.7 - 61. As above with 20% qtz. and yellow Ankerite (brecciated lava) (Very sparse pyrite).							
105.8 - 111.2	Massive basic lava, slightly chloritized. grey in colour							
111.2 - 119.7	Flecked schist marker. Chloritized, soft. dark grey green flecked appearance.							
119.7 - 120.5	Grey siliceous schist. (Ash bed) Sl. min. pyrrhotite Very sparse pyrite.							
120.5 - 121.1	Vein. Blue qtz. sparsely mineralized with pyrite & a few xtls. of galena. Sparse sphalerite. Some pyrrhotite.							

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

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SIGNED



PROPERTY JULIEN #6

HOLE NUMBER 36

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

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

ELEVATION OF COLLAR.....

DATUM \_\_\_\_\_

DI. CTION AT START: BEARING \_\_\_\_\_  
DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH.....

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

[illegible]

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**PROPERTY**

JUTTEN (46)

HOLE NUMBER

36

SHEET NUMBER

2 of 2

SECTION FROM

..TC

# DIAMOND DRILL RECORD

LOCATION:

LAT.

DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START:

## BEARING

DIP.

STARTED

COMPLETED

## ULTIMATE DEPTH

PROPOSED DEPTH

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO—STOCK FORM No. 901 REV. 9/44

DRILLED BY

E. Sandon

**SIGNED**



PROPERTY JUTTEN #6HOLE NUMBER 37

SHEET NUMBER \_\_\_\_\_

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 70 North  
DEP. 106 East J. Base Line  
ELEVATION OF COLLAR 19.3  
DATUM Swamp 0-00  
DIRECTION AT START: BEARING 15°  
DIP 45°

STARTED July 24, 1949COMPLETED July 27/49ULTIMATE DEPTH 120'PROPOSED DEPTH 120'

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0-20	Massive medium grained lava (?diorite)						
20-92.2	Amygdaloidal fine grained lava, pillowed with diss. pyrrhotite in pillow margins. slightly sheared from 77 ft. to 87.6 with some carbonate seams. Flow is slightly acid. 83.8-84.8; mineralized sch. - massive pyrrhotite with diss. pyrite in biotized carbonated schist. (1" Barren qtz. str. at 72 ft.)						
92.9-99.0	Flecked chlorite schist Marker						
99.0-101.8	No core Lost water						
101.8-104.0	Ash bed, with diss. pyrrhotite						
104.0-105.3	Hanging wall of vein, silicified Ash bed with pyrrhotite & some diss. pyrite & chalcopyrite.						
105.3-111.0	Qtz. vein, mostly blue brecciated qtz. with one white qtz. stringer (6") 106.6-107 Also one at 109. with a net work of thread-like later qtz. seams cutting earlier qtz. 105.3-108.1 - Blue qtz. with 6" white qtz. well mineralized with pyrite (5%) diss. throughout.						

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

(several vugs)

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PROPERTY

JUTEN (#6)

27942

HOLE NUMBER

37

SHEET NUMBER

SECTION FROM

TO

## DIAMOND DRILL RECORD

LOCATION: LAT. 70 North)  
 DEP. 106 East } J. Base line.  
 ELEVATION OF COLLAR 19.3  
 DATUM Swamp -00  
 DIRECTION AT START: BEARING 15°  
 DIP 45°

STARTED July 24, 1949  
 COMPLETED " 27, 1949  
 ULTIMATE DEPTH 120'  
 PROPOSED DEPTH 120'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 20	Massive medium grained lava (?diorite)							
20 - 92.2	Amygdaloidal fine grained lava, pillowed with diss. pyrrhotite in pillow margins. slightly sheared from 77 ft. to 87.6 with some carbonate seams. Flow is slightly acid. 83.8 - 84.8 mineralized sch. - massive pyrrhotite with diss. pyrite in biotized carbonated schist.							
92.2 - 99.0	(1" barren qtz. str. at 72. ft.) Flecked chlorite schist Marker							
99.0 - 101.8	N. Core Lost water							
101.8 - 104.0	Ash bed, with diss. pyrrhotite							
104.0 - 105.3	Hanging Wall of Vein, silicified Ash bed with pyrrhotite & some diss. pyrite & chalcopyrite.							
105.3 - 111.0	Qtz. Vein, mostly blue brecciated qtz. with one white qtz. stringer (6") 106.6 - 107. Also one at 109. with a net work of thread-like later qtz. seams cutting earlier qtz. 105.3 - 106.1 - Blue qtz. with 6" white qtz. Bell mineralized with pyrite (5%) diss. throughout.							

(several vugs)

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

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PROPERTY JUTTEN #6HOLE NUMBER 37SHEET NUMBER 2 of 2

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 \$		
	also fair amount of pyrrhotite, with a few scattered crystals of galena. No sphalerite observed. One spec of V.C. at 107.6 ft.						
108.1-110.	Blue brecciated qtz. very sparsely min. except for a few flecks of pyrrhotite and pyrite.						
110.-111	Blue qtz. with sl. more min. than above. (but still sparse)						
111.-111.8	Brown carbonate sch. Fair amount fine diss. pyrite & odd specs of chalcopyrite.						
111.8-113.2	Very sl. min. sch. (ash bed) two blue qtz. seams, one barren qtz. stringer (1") pyrite.						
113.2-120	Ash bed. Sl. chloritized, barren.						
	Drilled to test 70 ft. Horizon directly below Hole 27.						
	END						

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

DRILLED BY SANDEN & ENWRIGHT

SIGNED \_\_\_\_\_



JUTTEN (# 6)

HOLE NUMBER.....37.

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

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

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	BLUES GOLD \$			
	also fair amount of pyrrhotite, with a few scattered crystals of galena. No sphalerite observed. One spec of V.C. at 107.6 ft.							
108.1 - 110.	Blue brecciated qtz. very sparsely min. except for a few flecks of pyrrhotite and pyrite.							
110. - 111	Blue qtz. with sl. more min. than above. (but still sparse)							
111. - 111.3	Brown carbonate sch. Fair amount fine diss. pyrite & odd specs of chalcopyrite.							
111.3 - 113.2	Very sl. min. sch. (Ash bed) two blue qtz. seams, one barren qtz. stringer (1")-pyrite)							
113.2 - 120	Ash bed. sl. chloritized, barren.							
	Drilled to test 70 ft. Horizon directly below Hole 27.							
	End							

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

DRILLED BY Sanden & Enwright

**SIGNED**



PROPERTY JUTTENHOLE NUMBER 38SHEET NUMBER 1 of 2

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 0-00 North)  
DEP. 7+30 East ) K, Base Line  
ELEVATION OF COLLAR + 4-00 Ft.  
DATUM \_\_\_\_\_  
DIRECTION AT START: BEARING 125°  
DIP 50°

STARTED July 27/49COMPLETED July 30/49ULTIMATE DEPTH 182PROPOSED DEPTH 180

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0-14.9	Fine grained acid Pillow Lava, pale blue green in colour with some diss. pyrrhotite,							
14.9-24.1	Massive basic flow, med. gr. with 1" barren qtz, str.							
24.1-27.2	Ropy lava, fine gr. epidotized, a few cherty bands - barren, except for odd diss. ztls. of pyrrhotite,							
27.2-36.0	Pillow lava, med. grained, with a few 1/8" cherty bands and carbonated stringers.							
36.0-56.8	Massive basic lava, med. gr.							
56.8-66.9	Massive basic lava, med. gr.							
66.9-71.2	Tuff band, fine gr. cherty, barren							
71.2-74.3	Ropy epidotized lava, siliceous, barren							
74.3-90.8	Massive Acid blow, with diss. pyrrhotite							
90.8-91.4	Tuff band, fine gr. cherty							
91.4-95.5	Ropy epidotized lava							
	92.4-92.8, Brecc. qtz. carb. st. sl. biotized, sparse diss. pyrite, ? Sphalerite.							
95.5-178.7	AMygdaloidal, pillowed Andesite, fine gr. siliceous, with carbonated pillow margins, barren qtz. str. 2" @ 137.0 ft.							

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

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

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PROPERTY JUTTEN

## DIAMOND DRILL RECORD

HOLE NUMBER 38

SHEET NUMBER 1 of 2

SECTION FROM TO

LOCATION: LAT. 0-00 North)  
DEP. 7+30 East ) K. Base line  
ELEVATION OF COLLAR + 4-00 Ft.  
DATUM  
DIRECTION AT START: BEARING 125°  
DIP 50°

STARTED July 27, 1949.  
COMPLETED July 30, 1949.  
ULTIMATE DEPTH 182  
PROPOSED DEPTH 180

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 14.9	Fine grained acid Pillow Lava, pale blue green in colour with some diss. pyrrhotite.							
14.9 - 24.1	Massive basic flow, med. gr. with 1" barren qtz. str.							
24.1 - 27.2	Ropy lava, fine gr. epidotized, a few cherty bands - barren, except for odd dias. xtls. of pyrrhotite.							
27.2 - 36.0	Pillow lava, med. grained, with a few 1/8" cherty bands and carbonated stringers.							
36.0 - 56.8	Massive basic lava, med. gr. with 3" of brecc. cherty band @ 51.0 ft. Barren							
56.8 - 66.9	Massive basic lava, med. gr.							
66.9 - 71.2	Tuff band, fine gr. cherty, barren							
71.2 - 74.3	Ropy epidotized lava, siliceous, barren							
74.3 - 90.8	Massive Acid blow, with diss. pyrrhotite							
90.8 - 91.4	?Tuff band, fine gr. cherty							
91.4 - 95.5	Ropy epidotized lava							
	92.4 - 92.8, Brecc. qtz. carb. st. sl. biotized, sparse dias. pyrite, ? Sphalerite.							
95.5 - 178.7	Amygdaloidal, pillowed Andesite, fine gr. siliceous, with carbonated pillow margins, barren qtz. str. 2" @ 137.0 ft.							

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

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PROPERTY : JUTTEN

HOLE NUMBER 38

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

LOCATION LAT. 11-10-00

DEP

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

DATUM \_\_\_\_\_

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

BEARING \_\_\_\_\_

DIP \_\_\_\_\_

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

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

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

[illegible]

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**SIGNED**.....



**JUT TEN**

HOLE NUMBER ..... 38

SHEET NUMBER 2 of 2

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

# DIAMOND DRILL RECORD

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

ELEVATION OF COLLAR

**DATUM**

DIRECTION AT START: BEARING  
DIP...

**STARTED**

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM No 601 REV. 9/44

DRILLED BY

**Sanden & Enwright**

**SIGNED**

B. L. B. B.



PROPERTY JUTTEN #6HOLE NUMBER 39SHEET NUMBER 1 of 3

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 93 North  
DEP. 110 East J. Base line  
ELEVATION OF COLLAR \_\_\_\_\_  
DATUM \_\_\_\_\_  
DIRECTION AT START: BEARING 147°  
DIP 50°

STARTED July 29/49  
COMPLETED August 2/49  
ULTIMATE DEPTH 165 ft.  
PROPOSED DEPTH 160 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0-27.8	Massive lava, medium gr. sl. amphibolitized. Sharp contact with						
27.8-55.4	?Diorite (chilled margins) med. gr. with some residual diss. pyrite.						
55.4-115.6	Acid andesite, very siliceous, slightly amphgdaloidal - with considerable amounts of disseminated pyrrhotite to 73.1 Some quite massive. Whole flow is mineralized. 55.4-60.4, min. acid lava, diss. pyrr. with some py.						
x	60.4-65.4- as above						
x	65.4-70.7 " "						
x	70.7-73.1- 0.9 ft. of massive pyrite in acid schist, which contains some scattered qtz. ztls. Some pyrrhotite. 91.4-92 - Qtz. str. 1/2" in min sch. sl. py. sl. sphalerite - biotized						
x	97.5-99.0 well min. sheared acid andesite, silicified with pyrr. on shear planes. giving core peppered appearance. Some pyrite.						

DUPLICATE COPY  
POOR QUALITY ORIGINAL  
TO FOLLOW

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

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

SIGNED \_\_\_\_\_



PROPERTY

JUTTEN # 6

## DIAMOND DRILL RECORD

HOLE NUMBER 39

SHEET NUMBER 1 of 3

SECTION FROM TO

 LOCATION: LAT. 93 North)  
 DEP. 110 East ) J. Base-line

ELEVATION OF COLLAR

DATUM

 DIRECTION AT START: BEARING 147°  
 DIP 50°

STARTED July 29, 1949

COMPLETED Aug. 2, 1949

ULTIMATE DEPTH 165 ft.

PROPOSED DEPTH 160 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 27.8	Massive lava, medium gr. sl. amphibolitized. sharp contact with						
27.8 - 55.4	?Diorite (chilled margins) med. gr. with some residual diss. pyrite.						
x 55.4 - 115.6	Acid andesite, very siliceous, slightly amygdaloidal - with considerable amounts of disseminated pyrrhotite to 73.1. Some quite massive. Whole flow is mineralized. 55.4 - 60.4, min. acid lava, diss. pyrr. with some py.						
x 60.4 - 65.4	- As Above						
x 65.4 - 70.7	" "						
x 70.7 - 73.1	- 0.9 ft. of massive pyrite in acid schist, which contains some scattered Qtz. xls. Some pyrrhotite.						
91.4 - 92	- Qtz. str. 1/2" in min sch. sl. py. sl. schalerite - biotized						
x 97.5 - 99.0	- well min. sheared acid andesite, silicified with pyrr. on shear planes, giving core peppered appearance. Some pyrite.						

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

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PROPERTY \_\_\_\_\_

HOLE NUMBER 39

SHEET NUMBER 2 of 3

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

# DIAMOND DRILL RECORD

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

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

DATUM \_\_\_\_\_

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

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

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

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
x99.0-101.5	Acid andesite - diss. pyrrhotite & pyrite.						
x	101.5-104.0 As above						
x	104-106.5 " " sl. less pyrr.						
	In above acid lava, roughly sulphides						
	constitute about 3-5% of the rock						
	1/3 of sulphides is pyrite. Pyrite does						
	not appear to be secondary.						
	115.-115.6 Oxid. min. sch. 20% pyrtie.						
115.6-125.5	Massive sl. basic lava, med. gr. sl. chl.						
125.5-143.7	"FLECKED" chlorite schist (Marker)						
	131.0- lost water (2" hole)						
	Becoming more sheared after 134 with carb. str's.						
143.7-156.6	Ash bed - sl. chl.						
(	148-150.5 - sl. min. Ash bedded schist						
(	sl. py. - sp. pyrr. no vis. galena						
(	150.5-153.0 - As above (1" solid seam pyrr.)						
x(153.-154.	Blue Qtz.Vein- Well Min. with pyrite on						
	H.W. side, sp. min. in centre, min. brecc. brown						
	carbonate on F. Wall - No vis. galena						

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 POOR QUALITY ORIGINAL  
 TO FOLLOW

NORTHERN MINER PRESS LIMITED, TORONTO STOCK FORM No 801 REV 9/44

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PROPERTY .....

HOLE NUMBER 39SHEET NUMBER 2 of 3

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 \$			
x 99.0 - 101.5	Acid andesite - diss. pyrrhotite & pyrite.							
x	101.5 - 104.0 As Above							
x	104. - 106.5 " " , sl. less pyrr.							
	In above acid lava, roughly sulphides constitute about 3-5% of the rock 1/3 of sulphides is pyrite. Pyrite does not appear to be secondary.							
	115. - 115.6 Oxid min. sch. 20% pyrite.							
115.6 - 125.5	Massive sl. basic lava, med. gr. sl. chl.							
125.5 - 143.7	"FLECKED" chlorite schist (Marker)							
	131.0 - Lost Water (2" Hole)							
	Becoming more sheared after 134 with carb. str's.							
143.7 - 156.6	Ash bed - sl. chl.							
{	148 - 150.5 - sl. min. Ash bedded schist							
{	sl. py. - sp. pyrr. No vis. galena							
{	150.5 - 153.0 - As Above (1" solid seam pyrr.)							
x { 153.0-154.0	Blue Qtz. Vein - Well Min. with pyrite on							
	d. W. side, sp. min. in centre, min. brecc. brown							
	carbonate on F. Wall - No vis. galena							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 2/44

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SIGNED .....







PROPERTY .....

HOLE NUMBER.....39.....

SHEET NUMBER 3 of 3

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 \$	MUDGGE GOLD \$
	154.0 - 154.6 sl. min. br. carb. acid sch.				
	sl. min with mass. py. & diss. pyrrhotite				
	154.6 - 156.6 Sparcely min. ash bed				
	diss. py.				
156.6 - 165.0	Sheared carbonated andesite, barren				
	End				
	Drilled to intersect vein #6 approx. 50'				
	below Hole 37, where core length of vein				
	was 5.5 ft.				

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

DRILLED BY Sanden & Enwright

**SIGNED**

B. J. L. B. B. B. B.



PROPERTY . JUTTEN #6

HOLE NUMBER 40

SHEET NUMBER \_\_\_\_\_

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

# DIAMOND DRILL RECORD

LOCATION: LAT. K. 1+20 North  
DEP. 0+38 West  
ELEVATION OF COLLAR - 4.2.  
DATUM Swamp  
DIRECTION AT START: BEARING 325°  
DIP 50°

STARTED Aug. 2, 1949

COMPLETED Aug. 4, 1949

ULTIMATE DEPTH 100 FT. (BROKE THRU. LEDGE)

PROPOSED DEPTH 150 ft.

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-4.9	Massive basic lava med. gr. (mapped as diorite on surface)				
4.9-52.3	Pillowed Andesite- fine grained numerous pillow margins with some barren qtz. in margins. Sl. diss. pyrite & pyrrhotite throughout. (no tuff or frag. noted)				
52.3-92.1	Massive fine gr. andesite. S. Acid & Sl. sheared from 70-73 but barren				
92.1-93.0	Clay seam-sticky blue varved?				
93.0-98.0	Highly carbonated coarse rock. Sl. oxid. probably originally a diorite, possibly a boulder.				
98.0-100'	Blue clay. rods barely turned in hole a few chips of above sample. -Broke thru. lodge at 98.0				
	END				
DUPLICATE COPY POOR QUALITY ORIGINAL TO FOLLOW					

NORTHAM MINER PRESS LIMITED, TORONTO STOCK FORM NO 601 REV 9/44

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214

HOLE NUMBER 40

SHEET NUMBER.....

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

# DIAMOND DRILL RECORD

LOCATION: LAT. K. 1 + 20 North  
 DEP. Q + 38 West  
 ELEVATION OF COLLAR - 4.2.  
 DATUM Swamp  
 BEARING 325°  
 DIRECTION AT START: DIP 50°

STARTED Aug. 2, 1949

COMPLETED Aug. 4, 1949

ULTIMATE DEPTH 100 ft. (Broke thru. ledge)

PROPOSED DEPTH 150 ft.

[illegible]

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

DRILLED BY .....

**SIGNED**.....



PROPERTY . JUTTEN

HOLE NUMBER 41

SHEET NUMBER 1 of 1

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 100'NE of Boozert @ 70°  
DIP Drilled to Test Creek Bed  
ELEVATION OF COLLAR \_\_\_\_\_  
DATUM \_\_\_\_\_  
DIRECTION AT START: BEARING 190°  
DIP 50°

STARTED Aug. 4, 1949

COMPLETED Aug. 6, 1949

ULTIMATE DEPTH 70 ft.

PROPOSED DEPTH 65 ft.

[illegible]

NORTHERN MINER PRESS LIMITED, TORONTO STOCK FORM NO 101 REV 9/44

DRILLED BY SANDEN & ENWRIGHT

SIGNED \_\_\_\_\_



PROPERTY JUTTEN 22942

HOLE NUMBER 41

SHEET NUMBER 1 of 1

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

# DIAMOND DRILL RECORD

LOCATION: LAT. 100' N.E. of Boozert @ 70°  
DEP. Drilled to Tent Creek Bed  
ELEVATION OF COLLAR  
DATUM  
DIRECTION AT START: BEARING 190°  
DIP 50°

STARTED Aug. 4, 1949

COMPLETED Aug. 6, 1949

ULTIMATE DEPTH 70 ft.

PROPOSED DEPTH 65 ft.

[illegible]

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

DRILLED BY Sanden & Enwright

SIGNED.....



PROPERTY . JUTTEN - S. END OF ZINC LAKE

HOLE NUMBER 42

SHEET NUMBER \_\_\_\_\_

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

# DIAMOND DRILL RECORD

LAT. 52 South  
 LOCATION: DEP. 33 West) A Base-line  
 ELEVATION OF COLLAR + 4 above Zinc Lake  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING 1170  
 DIP 500

STARTED.....

COMPLETED

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

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

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SIUDGE GOLD %		
0-9	Massive basic lava - fine gr. slightly serpentinized- Rusty slip at 6.5 ft. some secondary blebs of pyrite.						
9-18.5	Silicified Andesite peppered with extremely fine pyrite & pyrrhotite - with occasional massive seams of pyrite up to 3" in width.						
	9-10 - 2-1" seams of massive sulphides (pyr) in sili'd. and,						
	10-13.5 - Sil'd Andesite, extremely fine min. 2 seams 1 solid pyrite						
	13.5-15.0 Massive Sulphides in chl. lava (60% pyrite)						
	15.0-18.5 - Ext. finely min. Ropy epidotized acid lava						
18.5-28.6	Black Graphitic Tuff bank well min. in parts. Qtz vein band.						
	18.5-20.0 - 60% pyr in Tuff coarse - bright						
	20.0-23.1- Graphitic tuff - fairly well pyritized						
	23.1-23.6 - Qtz vein 20% pyrite - Vuggy						
	23.6-25.7 - Well min. Tuff coarse xtn pyr. 20%						
	25.7-27.1 - sl smoky blue qtz vein 15% pyr. coarse in blebs & vugs.						

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 TO FOLLOW

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PROPERTY JUTTEN - S. End of Zinc LakeHOLE NUMBER 42

SHEET NUMBER .....

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

## DIAMOND DRILL RECORD

LOCATION: LAT. 52 South  
DEP. 33 West ) A Base-line  
ELEVATION OF COLLAR + 4 above Zinc Lake  
DATUM .....  
DIRECTION AT START: BEARING 1170  
DIP 500

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0 - 9	Massive basic lava - fine gr. slightly serpentinized - Rusty slip at 6.5 ft. some secondary blebs of pyrite.							
9 - 18.5	Silicified Andesite peppered with extremely fine pyrite & pyrrhotite - with occasional massive seams of pyrite up to 3" in width.							
	9-10 - 2-1" seams of massive sulphides (pyr) in silic'd. and.							
	10-13.5 - Sil'd. Andesite, extremely fine min. 2 seams of solid pyrite							
	13.5-15.0 - Massive Sulphides in chl. lava (60% pyrite)							
	15.0-18.5 - Ext. finely min. Ropy epidotized acid lava							
18.5 - 28.6	Black Graphitic Tuff bank well min. in parts. Qtz vein band.							
	18.5-20.0 - 60% pyr in Tuff coarse - bright							
	20.0-23.1 - Graphitic tuff - fairly well pyritized							
	23.1-23.6 - Qtz vein 20% pyrite - Vuggy							
	23.6-25.7 - Well min. tuff coarse Xtn pyr. 20%							
	25.7-27.1 - Sil Smoky Blue Qtz vein 15% pyr. coarse in blebs & vugs							

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 901 REV. 9/44

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PROPERTY JUTTEN - S. END OF ZINC LAKEHOLE NUMBER 52SHEET NUMBER 2 of 2

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 \$		
	27.1-28.6 - Well min. tuff 50% pyrite.						
28.6-31.0	Sl. min. grey schist						
31.0-36.4	Well min. schist Rusty seam at 31.9 fine xtls pyrite. mass. in parts.						
36.4-37.1	Well min. qtz vein massive patches of pyrite. Sparse arseno pyrite - with yellow carbonate patches. Qtz Sl. vuggy						
37.1-37.9	Sl. min. schist - green - fuchsite						
37.9-40.0	Qtz vein well min. fine to coarse pyrite Sl. rusty at 39.0 Sl. blue tinge to qtz.						
40.0-43.0	Heavily min. green(fuchsite) schist 50% pyr. coarsely xtln Sch. brecciated						
43.0-46.4	Sl. min. acid sch. 2 mass. patches of pyrite						
(46.4-50.5	(Sheared qtz porphyry (very indefinite))						
Same (50.5-53.5	(Sl. min. with scattered fine xts of pyrite						
53.5-72.2	Massive basic lava. Sl. carbonated Sl. chloritized in parts. barren						
	END						
	Drilled to test draw at S. end of Zinc Lake						

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POOR QUALITY ORIGINAL  
TO FOLLOW

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

DRILLED BY Sanden & Enwright

SIGNED \_\_\_\_\_



PROPERTY JUTTEN - S. End of Zinc LakeHOLE NUMBER 42  
SHEET NUMBER 2 of 2  
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 \$			
	27.1-28.6 - Well min. buff 50% pyrite.							
28.6 - 31.0	Sl. min. grey schist							
31.0 - 36.4	Well min. schist Rusty seam at 31.9. fine xtlr pyrite. mass. in parts.							
36.4 - 37.1	Well min. qtz vein massive patches of pyrite. Sparse arseno pyrite - with yellow carbonate patches. Qtz Sl. vuggy							
37.1 - 37.9	Sl. min. schist - green - fuchsite							
37.9 - 40.0	Qtz vein well min. fine to coarse pyrite Sl. rusty at 39.0 Sl. blue tinge to qtz.							
40.0 - 43.0	Heavily min. green (fuchsite) schist 50% pyr. coarsely xtlr Sch. brecciated							
43.0 - 46.4	Sl. min. acid Sch. 2 mass. patches of pyrite							
46.4 - 50.5	(Sheared qtz porphyry (very indefinite)							
Same 50.5 - 53.5	(Sl. min. with scattered fine xts of pyrite							
53.5 - 72.2	Massive basic lava. Sl. carbonated Sl. chloritized in parts. barren							
	End							
	Drilled to Test Draw at S. End of Zinc Lake							

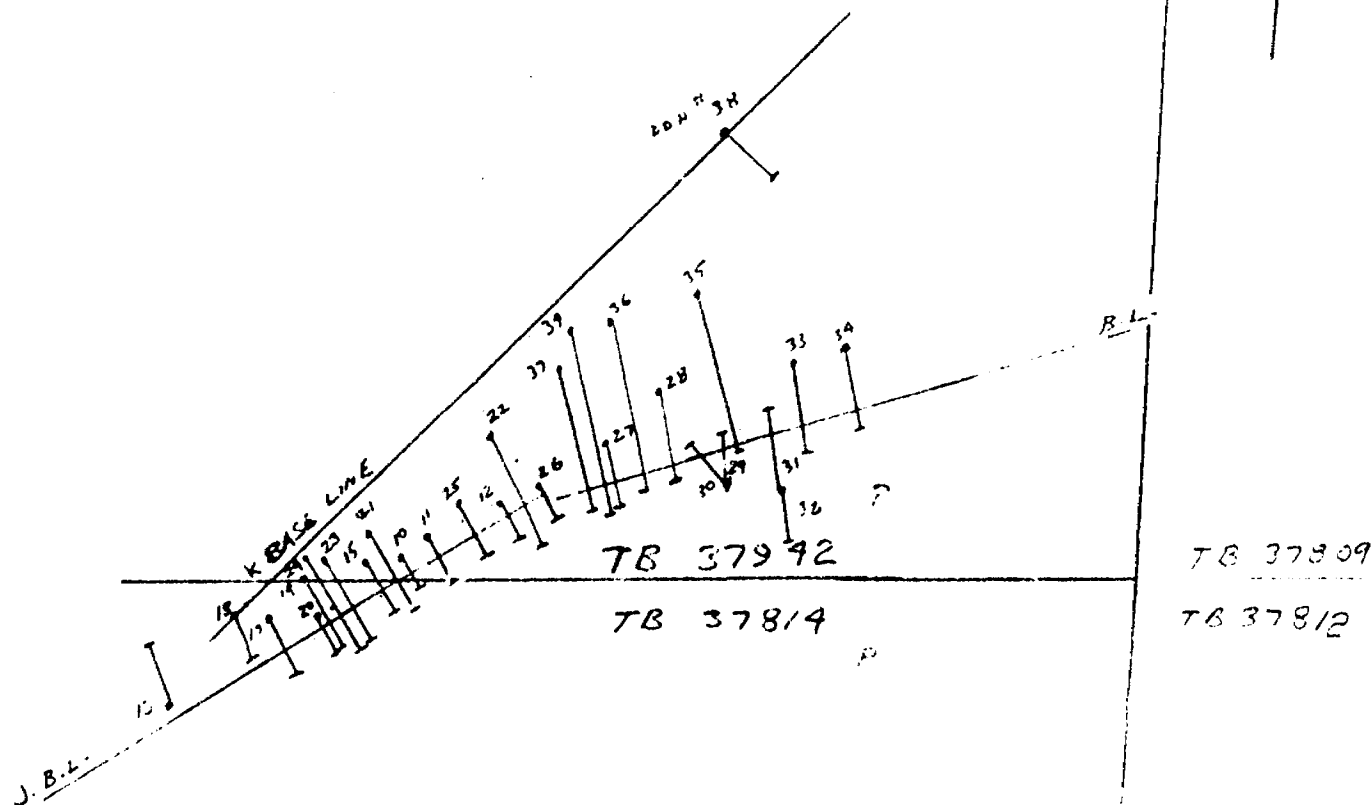
NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 9/44

DRILLED BY Sanden & Bowright

SIGNED

B. J. F. Bowright





SKETCH MAP SHOWING APPROX. LOCATION OF  
 DRILLING - JUTTEN TOWNSHIP - BY NORTHERN  
 CANADA MINES LTD. ON A GOLD, SILVER, LEAD,  
 ZINC PROPERTY.  
 OF A TOTAL OF 42 DRILL HOLES, 28 DRILL HOLES

WERE COMPLETED ON CLAIMS  
 TB 37942 and TB 37814  
 BY NORTHERN CANADA MINES  
 DURING 1948 and 1949

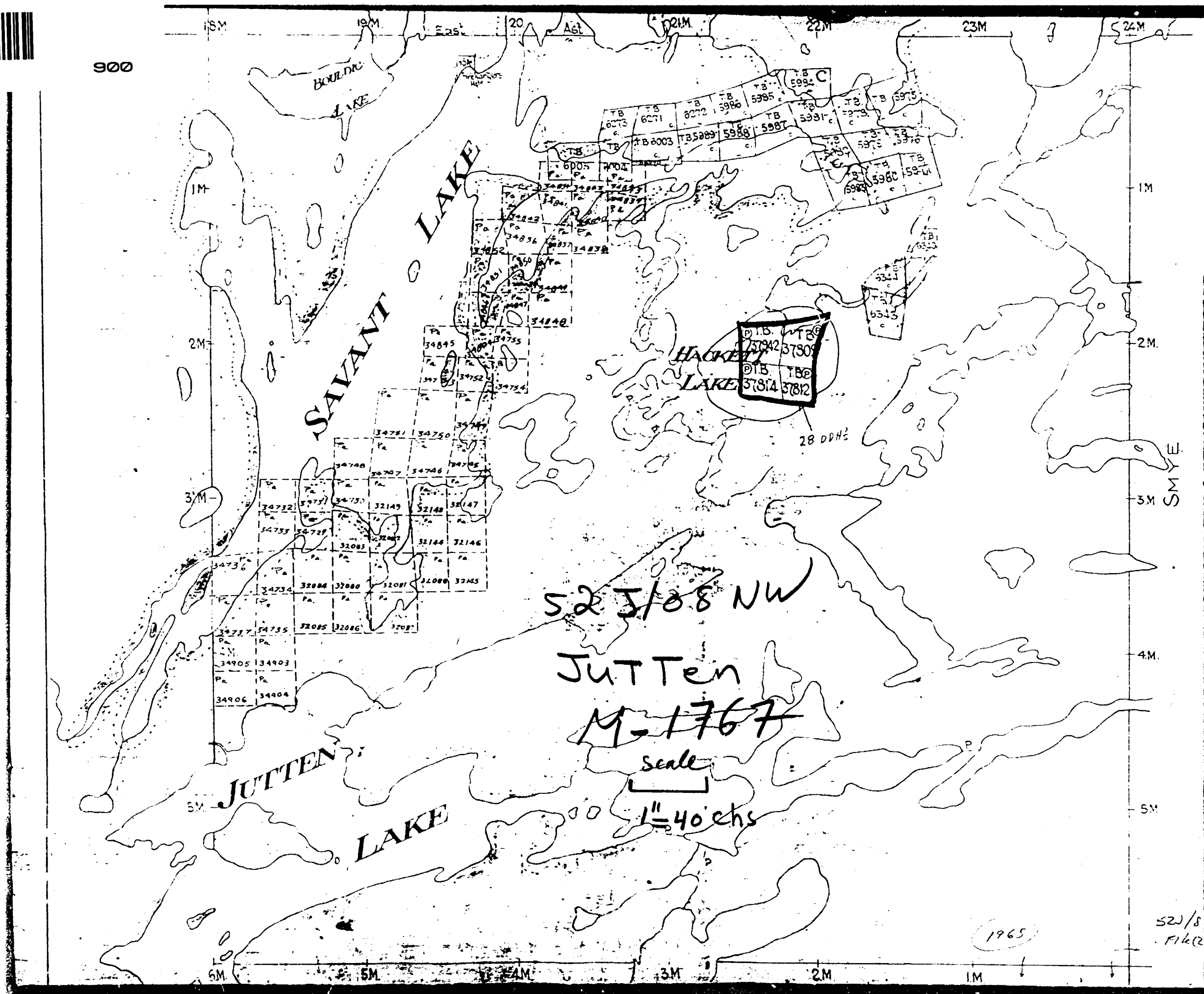
APPROXIMATE SCALE: 1" = 150'

H.L.K.  
 AUG. 1970





900






FOR ADDITIONAL  
INFORMATION

SEE MAPS:

52 J/08 NW-0010 # (1-2)



ABOTOSSAWAY -   
0017

63.3633



T.B. 37942

T.B. 37814

JUTTEN GROUP  
NO. 6 ZONE

Scale 1" = 40'

Northern Canadian Tiers

Jutten Turp



200

52J/08 NW-0010 #1



Shaded  
Areas  
of  
Mass

Old  
Belt  
Pit

Old  
Pit

Basic  
Pit

Shore  
Zone

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

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Scarp

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Scarp

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Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp

Scarp





Scarp

Scarp

Scarp



525/08 NW - 0010 #2

Piece of wood cut in pieces  
 Schistosity  
 shearing with slip  
 Scarps

Lutten Group  
NORTHERN CANADA Mines Ltd.

10-11

210

52J28NW2161 52J28NW2218 JUTTEN

END

El = massive Basal lava  
16. pillared lava

T B 37814

T.B 37942

ODur  
OAcid.  
O Acid Dur.