

521227
925/15

LOG OF DIAMOND DRILL HOLE No. 31

DATE: from to Location #1 Level drift
 CO-ORDINATES: Northing Easting Elevation
 LENGTH BEARING 145° E. of N. INCLINATION Flat
 VERT. COMP HORIZ. COMP OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₂ O ₃ %
FROM	TO							
0	6	6	90%	Medium dark diorite. Some alteration at 6" and again at 6'. Very little mineralization.				
6	8	2	90	Bleached diorite with quartz and carbonate streaks. Some yellow metallic mineral in green inclusions.				
8	9	1	90	Slightly altered diorite. Very little mineralization.				
9	10	1	90	Bleached diorite. Some quartz. Very little mineralization.				
10	14	4	90	Slightly altered diorite. Very little mineralization.				
14	17.5	3.5	80	Bleached diorite. Some quartz.				
17.5	20	2.5	80	Soft altered diorite. Crumbles. Color, green				
20	21	1	90	Slightly altered diorite				
21	22	1		Bleached diorite. Some quartz				
22	60			Medium dark diorite. Very little mineralization. 6" alteration at 23.5' and at 50'. Rust seams.				

Signed.....

LOG OF DIAMOND DRILL HOLE No. 30

DATE: from to..... Location #1 Level Drift
 CO-ORDINATES: Northing Easting..... Elevation..... 9
 LENGTH 15' BEARING 125° E. of N. INCLINATION Flat
 VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₂ O ₃ %
FROM	TO							
0	2.5	2.5	90	Med. dark diorite. Very little alteration. Rust seams				
2.5	3	0.5	80	Altered diorite. Very soft. Color green				
3	5	2	80	Bleached diorite. Little mineralization.				
5	7	2	90	Medium dark diorite. Some alteration				
7	12	5	80	Altered diorite. Mostly bleach. Some quartz. Pyrite speck 11'-12'				
12'	13	1	90	Bleached diorite. Pyrite along quartz seams.				
13	13.5	0.5	80	Altered diorite. Color, green. Very little mineralization.				
13.5	15	1.5	90	Med. dark diorite. Very little alteration.				

Signed.....

LOG OF DIAMOND DRILL HOLE No. 29

DATE: from to Location #1 Level drift
 CO-ORDINATES: Northing Easting Elevation DE 40.7y
 LENGTH 15' BEARING 205° E. of N. INCLINATION Flat
 VERT. COMP HORIZ. COMP OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	CO %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	2	2	90	Slightly altered diorite. Not bleached				
2	10.5	8.5	80	Bleached diorite. Some very soft. At 10'6" end of core covered with bright yellow specks (pyrite)				
10.5	11.3	0.8	80	Altered diorite not bleached. Soft. Crumbles easily				
11.3	15	3.7	90	Medium dark diorite. Very little alteration.				

Signed.....

LOG OF DIAMOND DRILL HOLE No. 28

DATE: from to..... Location #1 Level drift

CO-ORDINATES: Northing Easting..... Elevation.....

LENGTH 30' BEARING 224° E. of N. INCLINATION Flat

VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

Table with columns: FOOTAGE (FROM, TO), WIDTH, RECOVERY, DESCRIPTION, SAMPLE No., Co %, AU Oz., U3 O8 %. Contains 5 rows of geological data.

Signed.....

LOG OF DIAMOND DRILL HOLE No. 27

DATE: from to Location #1 Level Drift
 CO-ORDINATES: Northing Easting Elevation DDY #1
 LENGTH 40 BEARING 178° E. of N. INCLINATION Flat
 VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₂ O ₈ %
FROM	TO							
0	1	1	90	Medium dark granodiorite. Little alteration.				
1	2	1	80	Altered diorite. Sections crumble easily				
2	5	3	90	Bleached. Very slight mineralization.				
5	7	2	90	Med. dark granodiorite. Very little mineralization.				
7	10	3	90	Bleached granodiorite. Some bright yellow metallic mineral in dark green area - From 9-10'				
10	12	2	90	Med. dark diorite. Very little mineralization. Some rust seams				
12	12.5	.5	90	Highly altered diorite. Not bleached. Crumbles easily.				
12.5	30.5	18	85	Med. dark diorite. Very little mineralization. Last 6" more alteration. Crumbly.				
30.5	40	9.5	90	Med. dark granodiorite with some fine rust seams.				

Signed.....

LOG OF DIAMOND DRILL HOLE No. 26

DATE: from July 23, 1957 to Location No. 1 Level drift

CO-ORDINATES: Northing Easting Elevation

LENGTH 63 BEARING 45° E. of N. INCLINATION Flat

VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	8.5	8.5	90	Light to med. dark diorite. Two small quartz filled fractures. Slight alteration.				
8.5	10	1.5	70	(Broken core) Rust seam in soft altered diorite.				
10	35	25	90	Light to med. dark diorite. Some alteration. Rust seam in last 6". Very little mineralization.				
35	43	8	90	Light to medium dark diorite. Slight alteration.				
43	45	2	80	Altered diorite. Bleached. One small quartz filled fracture. 4" rust seam				
45	47	2	90	Medium dark diorite. Very little alteration. Two half inch streaks bleached diorite.				
47	48	1	90	Altered diorite. One 1" quartz filled fracture. 1" bleached				
48	52	4	90	Light to medium dark diorite. Slight alteration.				
52	58	6	90	Altered diorite. Slightly bleached. Very little mineralization.				
58	60	2	80	Highly altered diorite. Bleached. White.				
60	63	3	90	Light to medium dark diorite. Slight alteration. Some rust. Very little mineralization. END OF HOLE.				

Signed..... John Horvath.....

LOG OF DIAMOND DRILL HOLE No. 25

DATE: from July 21 to Location No. 1 Level driftCO-ORDINATES: Northing Easting Elevation 3000 ftLENGTH 59 ft. BEARING 41° W. of N. INCLINATION

VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₂ O ₅ %
FROM	TO							
0	1.5	1.5	70	(Broken core) Medium dark diorite. Very little alteration or mineralization. Many rust seams.				
1.5	4	2.5	70	Altered diorite. Bleached. Solid core. One 1/4" quartz filled fracture.				
4	6	2	90	Slightly altered diorite. Light to medium dark.				
6	9	3	70	Altered diorite. Bleached. Very little mineralization.				
9	11	2	70	Mud, clay and very soft highly altered diorite. Very little mineralization.				
11	12	1	80	Rust seam in altered diorite.				
12	14	2	70	Altered diorite. Not bleached. Slight mineralization.				
14	15	1	50	Mud and small rock				
15	15.5	0.5	70	Altered diorite. Not bleached. Rust seam. Very little mineralization.				
15.5	32	16.5	90	Medium dark diorite. Very little alteration. Several rust seams.				
32	34	2	70	Highly altered diorite. Bleached. Soft.				
34	37	3	30	Small broken rock. Mostly quartz. Some altered diorite. Some mud.				
37	39	2	50	Altered diorite. Very soft. Color brown to nearly white. Some bleach.				
39	41	2	90	Slightly bleached diorite. Very little mineralization				
41	44	3	90	Med. dark diorite. Very little alteration				
44	52	8	50	Light to medium dark diorite. Altered. Some bleach.				
52	54	2	90	Med. dark diorite. Very little alteration.				

Signed John H. ...

LOG OF DIAMOND DRILL HOLE No. 24

DATE: from July 22, 1957 to Location No. 1. Level drift

CO-ORDINATES: Northing Easting Elevation 7000 ft

LENGTH 40 ft. BEARING 2° E. of N. INCLINATION.....

VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	CO %	AU OZ.	U ₃ O ₈ %
FROM	TO							
0	3.5	3.5	80	Light to med. dark diorite. Some alteration. Rust seams. Very little mineralization.				
3.5	5	1.5	80	Altered diorite. Leached. Very little mineralization.				
5	34	29	90	Light to med. dark diorite. Slight alteration. Very regular core. Few rust seams. Very little mineralization				
34	35.5	1.5		Highly altered diorite. Very soft. Color, brown. Some quartz.				
35.5	40	4.5		Light to med. dark diorite. Some alteration. Rust seams. Very little mineralization.				

Signed..... John Hogarth

LOG OF DIAMOND DRILL HOLE No. 23

DATE: fromJuly 14, 1957..... to.....July 14..... Location No. 1 Level drift
 CO-ORDINATES: Northing Easting..... Elevation DD 17. 74
 LENGTH 30' BEARING 175° INCLINATION Flat
 VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE No.	Co %	AU Oz.	U ₂ O ₂ %
FROM	TO							
0	6	6	90	Slightly altered diorite. Light to med. dark. Very little mineralization.				
6	24.5	18.5	80	Med. dark diorite. Very little mineralization.				
24.5	26	1.5	80	Highly altered diorite. Color, brown. Large specks, metallic lustre mineral (Probably coarse crystalline mica)				
26	27.5	1.5		Med. dark diorite. Very little alteration.				
27.5	28.5	1		Rust seam in slightly altered diorite.				
28.5	30	1.5		Med. dark diorite. Very little alteration.				

Signed.....John Hogarth.....

LOG OF DIAMOND DRILL HOLE No. 22

DATE: from July 14, 1957 to July 14 Location No. 1 Level Drift

CO-ORDINATES: Northing Easting..... Elevation.....

LENGTH 22 ft. BEARING 115° INCLINATION Flat

VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₂ O ₃ %
FROM	TO							
0	2	2	90	Slightly altered diorite. Some mineralization. Light to moderate sulphides. (Cobalt) interspersed throughout diorite.	1770	0.35	0.10	
2	7	5	90	Altered diorite. Slightly bleached. Some rust seams.				
7	10	3.0	90	Heavy mineralization. Massive sulphides of cobalt in altered (bleached) diorite	1771	1.15	2.40	
10	12.5	2.5		Massive sulphides. Very heavy. Very little quartz or altered diorite in cobalt ore.	1772	1.25	2.48	
12.5	13	.5		Light to moderate sulphides in altered diorite. Not as heavy as 10'-12.5'				
13	15	2		Highly altered diorite. Bleached. Some rust.				
15	22	7		Slightly altered diorite. Some rust seams. Very little mineralization.				

Signed John Hognarth

LOG OF DIAMOND DRILL HOLE No. 21

DATE: from July 11, 1957 to July 12 Location No. 1 level drift

CO-ORDINATES: Northing Easting Elevation DD Sta. # 6

LENGTH 60 ft. BEARING S. 43° W. INCLINATION Flat

VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	1	1	70	Med. dark diorite. Very little mineralisation. Very slight alteration.				
1	5	5	70	Altered diorite. Bleached. Rust seams. Quartz in one filled fracture.				
5	10	5	90	Light to med. dark diorite. Slight alteration.				
10	11	1	80	Highly altered diorite. Very bleached. Soft.				
11	16	5	80	Med. dark diorite. Very little alteration.				
16	17	1	80	Altered diorite. Bleached. Some rust. One quartz filled fracture. Large specks of bright metallic lustre mineral, (probably coarse mica)				
17	23	6	90	Med. dark diorite. Very little alteration.				
23	32	9	80	Highly altered diorite. Mostly bleach. Some brown colored (26'-27.5' muck like gabbro), crumbles easily.				
32	60	28	90	Med. dark diorite. Several rust seams. Very slight alteration.				

Note: D.DH. No. 21 is making a small amount of water
 Signed John Hogarth

LOG OF DIAMOND DRILL HOLE No. 20

DATE: from July 10, 1957 to July 11 Location No. 1 level drift
 CO-ORDINATES: Northing Easting Elevation 9030' 6"
 LENGTH 60 ft. BEARING 142° INCLINATION Flat
 VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE No.	Co %	AU Oz.	U ₃ O ₈ %	?
FROM	TO								
0	2.5	2.5	80	Slightly altered (bleached) diorite					
2.5	5	2.5	80	Highly altered diorite. Color, white. Very soft. Some rust.					
5-	32.5	27.5	80	Light to med. dark diorite. Several small rust seams. Several small quartz filled fractures. Slight alteration					
32.5	33	.5	80	Highly altered diorite. Some mineralization. Large bright yellow specks (probably coarse crystalline mica) Color of rock, green.					
33	40	7	90	Light to med. dark diorite. Slight alteration.					
40	42	2	80	Bleached diorite. Not fully altered.					
42	46	4	90	Med. dark diorite. Some rust. 3 small quartz filled fractures.					
46	58	12	90	Slightly altered diorite. Some mud and rust.					
58	60	2	80	Rusty altered diorite. Several small quartz filled fractures. Some mud.					
				Note: D.DH #20 is making a small amount of water.					

Signed..... John Hogarth.....

LOG OF DIAMOND DRILL HOLE No. 19

DATE: from July 8, 1957 to July 9th Location No. 1 level drift

CO-ORDINATES: Northing Easting Elevation

LENGTH 45 ft. BEARING 184° INCLINATION Flat

VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	CO %	AU OZ.	U ₂ O ₂ %
FROM	TO							
1	2	1	90	Med. dark diorite. Very little mineralization. Very slight alteration.				
2	3	1	90	Altered diorite. Bleached. Some quartz and rust				
3	8	5	80	Med. dark diorite. Very slight alteration.				
8	12	4	80	Diorite crossed with rust seams. Very slight alteration.				
12	18	6	90	Med. dark diorite. Very slight alteration.				
18	19.5	1.5	80	Altered diorite. Some mud. Rust in the bleached rock				
19.5	45	25.5	90	Med. dark diorite. Several small rust seams. Very slight alteration.				

Note: D.D.H. #19 is making small amount of water.

Signed: John Hogarth

LOG OF DIAMOND DRILL HOLE No. 18

DATE: from to Location #1 Level

CO-ORDINATES: Northing Easting Elevation DD SA # 2

LENGTH BEARING 33° E. of N. INCLINATION Flat

VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	1	1	85	Granodiorite, all core seen				
1	30	29	85	Dark altered granodiorite fracturing almost parallel to direction of core.				

Signed

LOG OF DIAMOND DRILL HOLE No. 17

DATE: from July 7 to Location #1 Level
 CO-ORDINATES: Northing Easting Elevation
 LENGTH BEARING 58° W. of N. INCLINATION Flat
 VERT. COMP HORIZ. COMP OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE No.	Co %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	15	15	85	Altered granodiorite 2" mud seam at 15'				
15	20	5	80	Bleached altered granodiorite. Slight sulphides 1/2" at 18'				
20	30	10	80	Altered granodiorite 1/2" pink seam at 23.5'. Rust fractures cutting at 45° from 28'-30'				

Signed.....

LOG OF DIAMOND DRILL HOLE No. 16

DATE: from July 6, 1957 to Location # 1 Level
 CO-ORDINATES: Northing Easting Elevation DD 1st "
 LENGTH 57' BEARING 10° W. of N. INCLINATION Flat
 VERT. COMP. HORIZ. COMP. OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE No.	CO %	AU OZ.	U ₃ O ₈ %
FROM	TO							
0	20	20	80	Altered dark granidiorite, 3" rust seam at 4'.				
20	21	1	80	Bleached granidiorite				
21	30	9	60	Altered granidiorite 6" rust seams at 24' and 29'.				

Signed

LOG OF DIAMOND DRILL HOLE No. 16

DATE: from July 5, 1957 to..... Location # 1 Level drift
 CO-ORDINATES: Northing Easting..... Elevation.....
 LENGTH 31' BEARING 95° INCLINATION Flat
 VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	2	2	90%	Altered bleached diorite disseminated mineralization	1762B		.015	
2	6	4	90	Medium dark altered diorite. Lost water 5', some rust seam-disseminated mineralization	1763B		.005	
6	7	1	60	Rust, bleached diorite disseminated mineralization	1764		.005	
7	8	1	80	Massive sulphides in bleached diorite	1765	4.6	1.84	
8	10	2	80	Mod. dark altered diorite disseminated mineralization	1766		.05	
10	16	6	80	Mod. dark diorite Small fractures. Rust filled.				
16	22	6	80	Slightly bleached diorite. 6" fine grain dike at 18'.				
22	23	1	80	Altered med. dark diorite. 2" bright sulphides. Some mud seams				
23	31	8	80	Altered medium dark diorite				

Signed..... H. Shuttleworth

LOG OF DIAMOND DRILL HOLE No. 14

DATE: from July 5, 1957 to Location #1 Level Drift
 CO-ORDINATES: Northing Easting Elevation #1 Station
 LENGTH 32' BEARING 165° INCLINATION Flat
 VERT. COMP HORIZ. COMP OBJECTIVE

FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	Co %	AU OZ.	U ₂ O _n %
FROM	TO							
0	2	2	80%	Med. dark diorite for one foot. One foot bleached with rust seams.				
2	8	6	95%	Massive sulphides, U ₃ O ₈ Kick from 2' - 5'	1767B	6.05	0.44	0.07
8	9	1	90	Bleached with rust seams	1768	3.98	0.13	0.13
9	31	22	85	Medium dark diorite	1769	0.09	0.45	Tr.
<u>September 12, deepened</u>								
30	37	7	85	Dark diorite				
37	42	5	80	Greenish. Possible dike. Fine grain.				
42	43	1	85	Dark diorite				
43	44	1	75	Soft rusty carbonate				
44	53	9	85	Dark granidiorite				
53	56	3	85	Possible green dike. Fine grain. Small black inclusions				
56	90	34	80	Dark granidiorite				

Signed H. Shuttleworth

LOG OF DIAMOND DRILL HOLE No. 13

DATE from July 4, 1957 to Location #1 Portal
 CO-ORDINATES: Northing Easting Elevation.....
 LENGTH 30' BEARING 133° INCLINATION.....
 VERT. COMP..... HORIZ. COMP..... OBJECTIVE.....

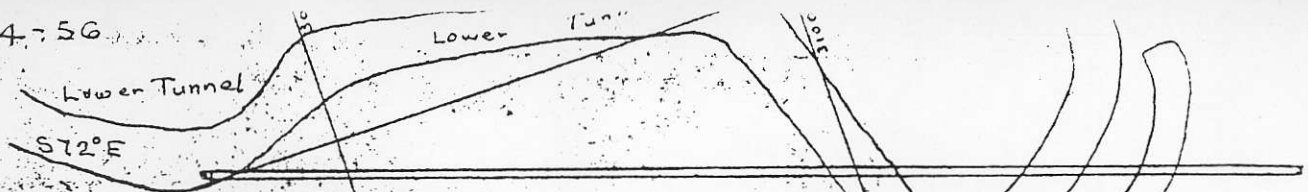
FOOTAGE		WIDTH	RECOVERY	DESCRIPTION	SAMPLE NO.	CO %	AU Oz.	U ₃ O ₈ %
FROM	TO							
0	3'-10"	3-5/16"	85%	Bleached granidiorite. Slight mineralization	1758B		.03	
3'10"	6'4"	2.5"	85	Massive sulphides. 6" quartz	1759B	5.08	2.92	
6'4"	7'	8"	90	Bleached granidiorite. Some mineralization	1760B		.08	
7'	8'	1"	90	Bleached				
8	10	2"	90	Bleached granidiorite	1761		.03	
				Disseminated mineralization. Some rust seams				
10	21	11"	90	Altered medium dark granidiorite				
21	23	2"	90	Dike, fine grain				
23	30	7"	80	Med. dark granidiorite.				

Signed.....

HOLE No. 4-56

LOCATION

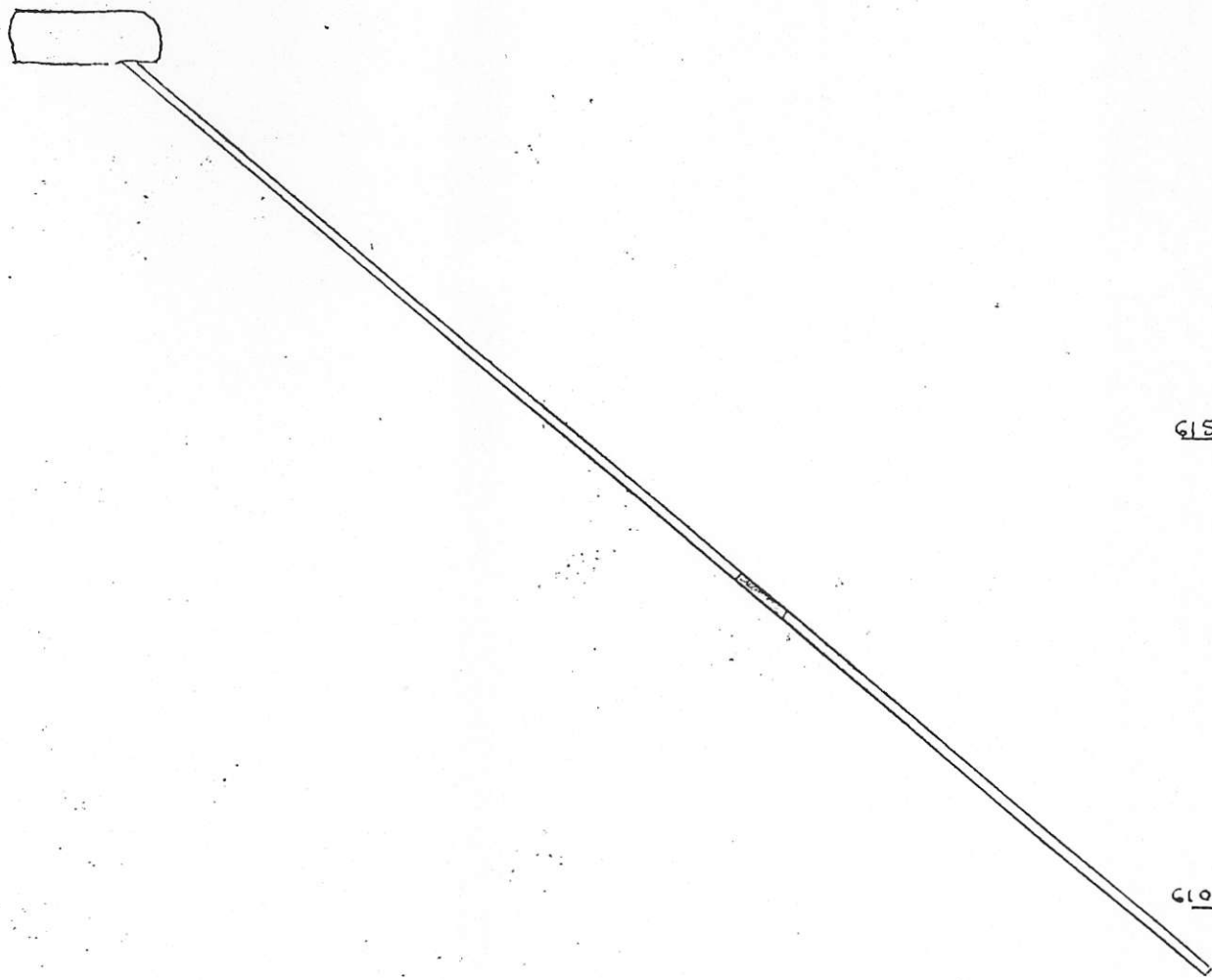
DIRECTION 572°E



6200

6150

6100



LEGEND

- Granodiorite
- Bleached Granodiorite
- Silicified Rock
- Disseminated Sulphides
- Massive Sulphides
- Assays: Au, Co, U₃O₈
- Shearing

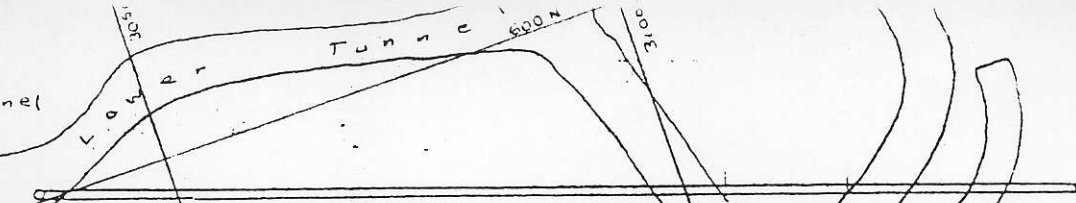
Assays $\frac{\text{Au g/t Co \%}}{\text{Feet}}$
 Lost Core

NORTHERN GEM MINING CORP. LTD. NPL.
 MINTO B.C.
 D.D & TEST HOLES
 SCALE: FEET
 DATE: October 1956 BY: *W. J. R. Allen*

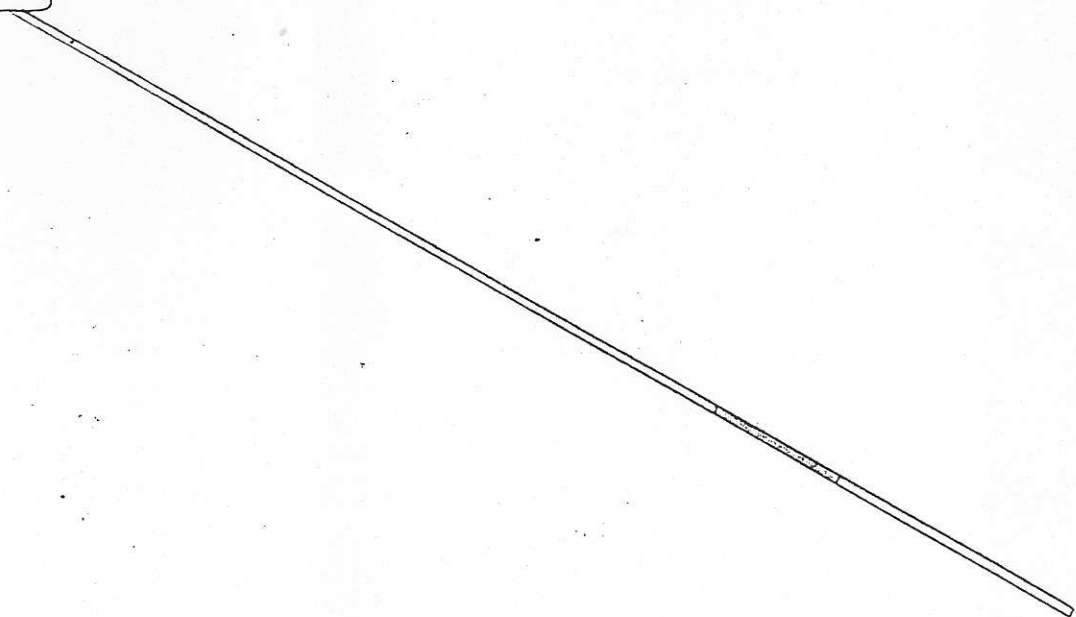
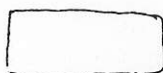
HOLE No. 3-56

LOCATION Lower Tunnel

DIRECTION 572°E



6200



615

610

LEGEND

- Granodiorite
- Bleached Granodiorite
- Silicified Rock
- Disseminated Sulphides
- Massive Sulphides
- Assays: Au, Co, U₃O₈

Assays Au $\frac{oz}{T}$ Co %
Feet

NORTHERN GEM MINING CORP. LTD. NPL

MINTO B.C.

D.D. & TEST HOLES

SCALE 20 FEET

HOLE NO. 2-56

LOCATION Lower Tunnel

DIRECTION S 55° W
Lower

Tunnel

6200

6150

6100

12' to end
of hole
6050

LEGEND

- Granodiorite
- Bleached Granodiorite
- Silicified Rock
- Disseminated Sulphides
- Massive Sulphides
- Assays: Au, Co, U₃O₈
- Shearing

Assays Au g/t. Co
Feet
Lost Core

NORTHERN GEM MINING CORP. LTD. NPL
MINTO B.C.
D.D. & TEST HOLES

SCALE 1" = 20 FEET

DATE: October 1956

BY: Alfred X. Allen

HOLE No. 1-56

LOCATION Lower Tunnel

DIRECTION 555°E
Lower Tunnel

6200

6150

6100

LEGEND

Granodiorite	<input type="checkbox"/>
Bleached Granodiorite	<input type="checkbox"/>
Silicified Rock	<input type="checkbox"/>
Disseminated Sulphides	<input type="checkbox"/>
Massive Sulphides	<input type="checkbox"/>
Assays: Au, Co, U ₃ O ₈	20°
Shearing	FEET

Assays Au, Co, U₃O₈
Feet

NORTHERN GEM MINING CORP. LTD. N.P.L.

MINTO. B.C.

D.D & TEST HOLES

SCALE 1" = 30 FEET

DATE: October 1956

BY: Alfred K. Allen

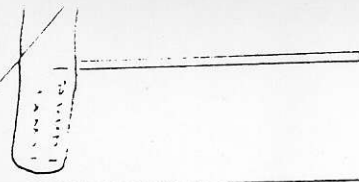
HOLE No 1

LOCATION *Lower Tunnel*

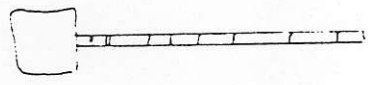
DIRECTION S 52° E

3050

550 N



2 1/2 x 3/4



LEGEND

- Zone of ...* []
- Zone of ...* []
- Zone of ...* []
- Zone of ...* []
- Zone of ...* []
- Zone of ...* []

NORTHERN GEM MINING CORP. LTD. (NPL)

MINTO B.C.

D. D & TEST HOWES

SCALE: FEET

DATE:

BY

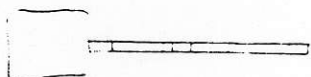
FILE No. 2

LOCATION: Lower

DIRECTION: S88E



750 N



LEGEND

- []
- []
- []
- []
- []
- []

NORTHERN GEM MINING CORP. LTD. (INC.)
MINTO B.C.
D.D & TEST HOLES
 SCALE: FEET

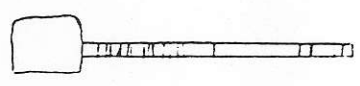
HOLE No 3

LOCATION *3050 L*

DIRECTION S 12° E



SVA



LEGEND

- Quartzite* []
- Phyllite* []
- Schist* []
- Disseminated Magnetite* []
- Massive Magnetite* []
- Asbestos* []
- Pyrite* []

NORTHERN GEM MINING CORP. LTD. (N.P.)

MINTO B.C.

D.D & TEST HOLES

SCALE: FEET

DATE: _____

BY _____

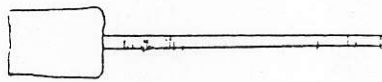
HOLE NO 4

LOCATION Lower Mainland

DIRECTION S 17° W

500N

500N



LEGEND

	[]
	[]
	[]
	[]
	[]
	[]
	[]

NORTHERN GEM MINING CORP. LTD. NPL.

MINTO B.C.

D.D & TEST HOLES

SCALE FEET

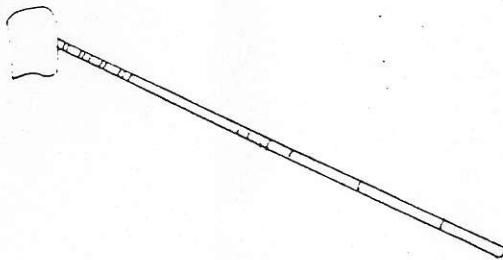
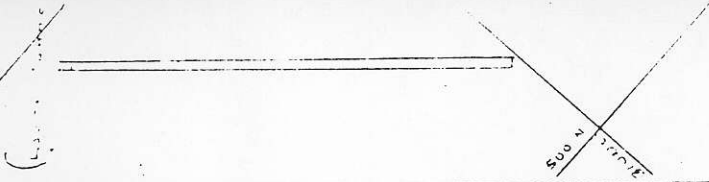
DATE

BY

HOLE No 5

LOCATION Lower Tunnel

DIRECTION S 52° E



LEGEND

<i>Ironstone</i>	[]
<i>Flowed Granite</i>	[]
<i>Quartzite</i>	[]
<i>Disseminated Sulphides</i>	[]
<i>Massive Sulphides</i>	[]
<i>Assays Au, Co, U₂O₈</i>	[]

NORTHERN GEM MINING CORP. LTD. N.P.

MINTO B.C.

D.D. & TEST HOLES

SCALE: 0 20 FEET

DATE:

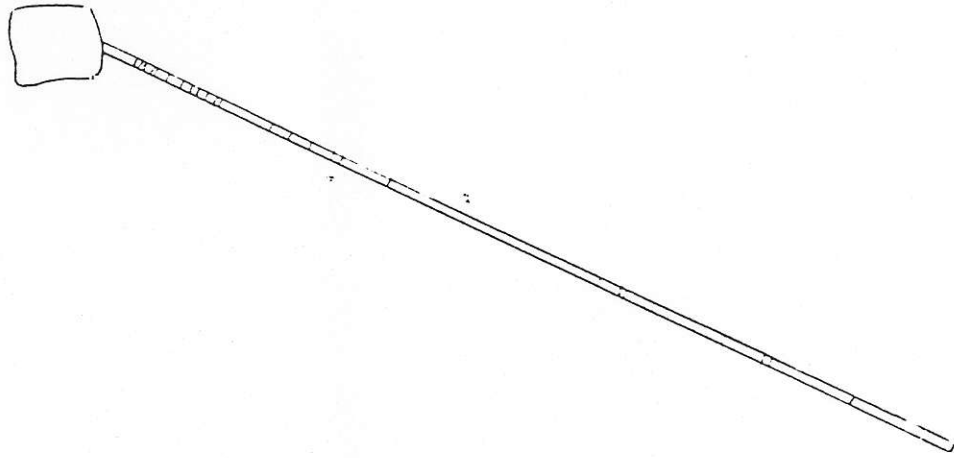
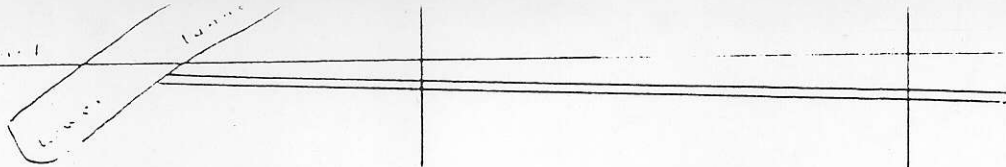
BY:

HOLE NO. 6

55071

LOCATION

DIRECTION S 88° E



LEGEND

- Granite []
- Plagioclase Amphibolite []
- Metasediments []
- Disseminated Sphalerite []
- Massive Sphalerite []
- Assorted Au Co. Veins []
- Shale []

NORTHERN GEM MINING CORP. LTD. (N.P.I.)

MINTO B.C.

D.D. & TEST HOLES

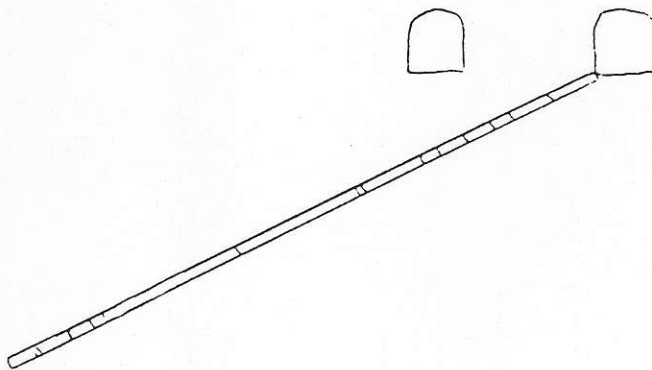
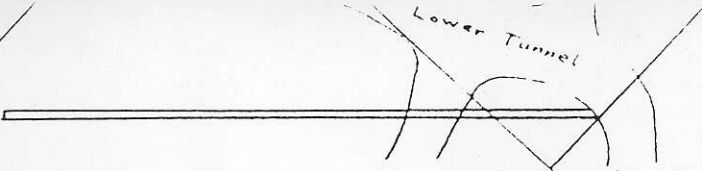
SCALE: FEET

DATE: _____

HOLE NO 7

LOCATION Lower Tunnel

DIRECTION N 45° W



LEGEND

- See also []
- Fluorapatite []
- Calcite []
- Disseminated []
- Magnetite []
- Assays []
- Sketching []

NORTHERN GEM MINING CORP. LTD. NP

MINTO B.C.

D.D & TEST HOLES

SCALE: 0 20 FEET

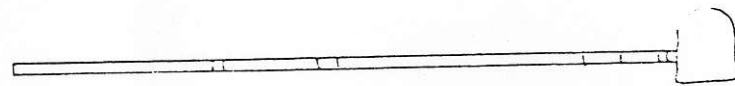
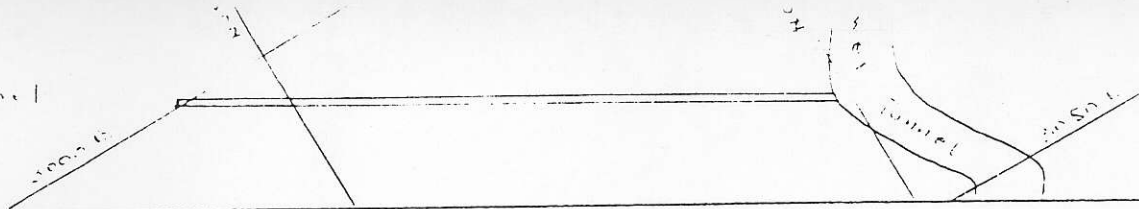
DATE:

BY:

HOLE No 9

LOCATION Lower Tunnel

DIRECTION S 30° W



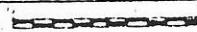
LEGEND

<i>Greenish slate</i>	[]
<i>Blackish Greenstone</i>	[]
<i>Schistose Rock</i>	[]
<i>Disseminated Sphalerite</i>	[]
<i>Massive Sphalerite</i>	[]
<i>Assorted Au Co. Veins</i>	X

NORTHERN GEM MINING CORP. LTD. (INC.)

MINTO B.C.

D.D & TEST HOLES

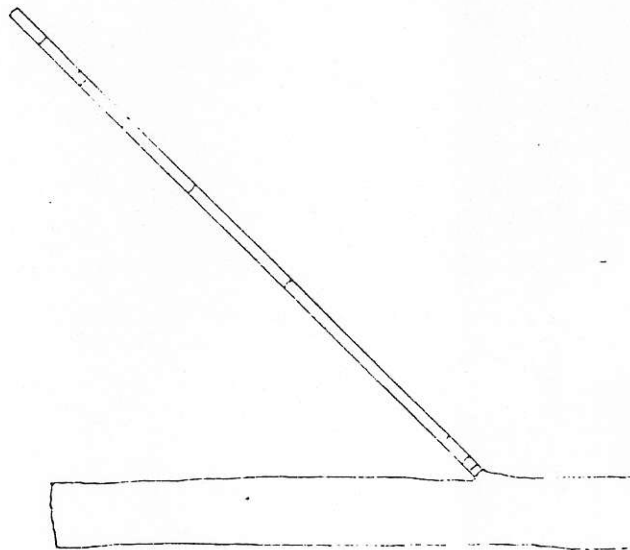
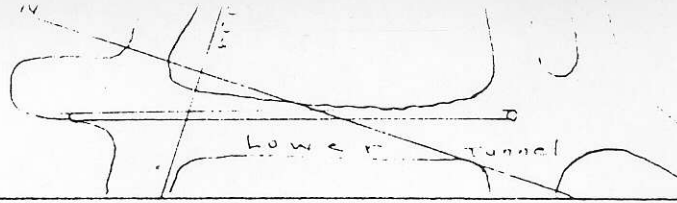
SCALE  FEET

HOLE No 10

LOCATION Lower Tunnel

DIRECTION N 20° W

CASE



LEGEND

- Quartzite []
- Blackened Gneiss []
- Silicified Rock []
- Disseminated Sulphides []
- Massive Sulphides []
- Assay: Au Co 1/304 []

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MINTO B.C.

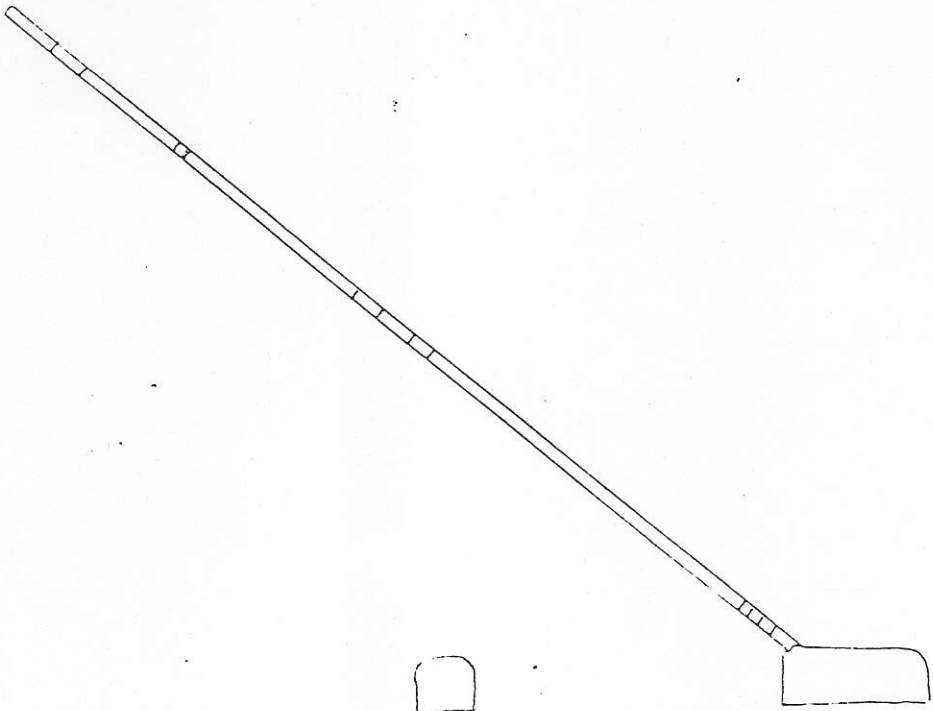
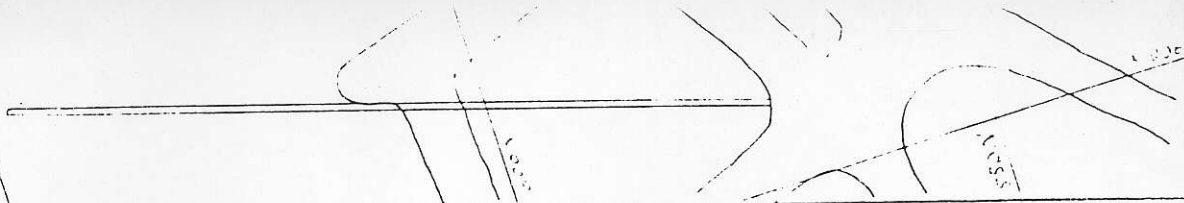
D.D & TEST HOLES

SCALE FEET

HOLE No 11

LOCATION Lower Tunnel

DIRECTION N 15° E



LEGEND

- Zone 1* []
- Zone 2* []
- Zone 3* []
- Disseminated Sulphides* []
- Massive Sulphides* []
- Zone 4* []

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MINTO B.C.

D.D & TEST HOLES

SCALE 1" = 20 FEET