



52G13NE0022 52G13NE0010A1 SMOCK LAKE

010

DIAMOND DRILLING

Area: SMOCK LAKE

Report No: 10

WORK PERFORMED FOR: Noranda Expl.

RECORDED HOLDER: SAME AS ABOVE [X]

; OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
PA.249800	B1-70-2	331.0 FT	Mar., 1970	
	B1-70-1	506.0 FT	Mar., 1970	
PA.249805	B1-3-70	423.7 FT	Apr., 1970	
TOTAL:	3 DH	1260.7 FT		

NOTES:

DIAMOND DRILL RECORD

COLLAR —

NORTH	EAST	ELEVATION	DIP	LOCATION	FOOTAGE	DIP	AZIMUTH
1+50 N	36 + 00 E	5' lower than		610.0' S.45°E	0.0'	- 45°	210°
		- 45°	B170 - 1	From #4 post of cl.	300'	- 45°	210°
				#PA 249800			

PROPERTY: BENEDICKSON 1 - 69

BENEDICKSON TWP.

SIOUX LOCKOUT MINING DIVISION

CORE SIZE	COMMENCED	FINISHED	PURPOSE OF HOLE	HOLE NO.	SHEET NO.	LENGTH	LOGGED BY
2X	March 30, 1970	April 3, 1970	To cut a	BT 70 - 2	1 of 2	331.0 feet	D. Cross
			E.M. conductor at depth/				

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE				ASSAYS		AVERAGES			
FROM	TO			FROM	TO	FOOTAGE	GR. TON	GR. TON		GR. W	GR. W	GR. W	GR. W
0	73	CASING: (holders)											
73	137.5	ANDESITE: fg., cut by a few very narrow qtz. str., tr. py. in str. CA = 45°	1a										
137.5	140.0	GRAPHITIC SCHIST: v.f.g., sl. nodular py. in str. CA = 45°.	2g										conductor
140.0	147.0	TUFF: inter. fg.	1e										
147.0	148.0	GRAPHITIC SCHIST: v.f.g. sl. nodular py. sl. po. tr. cp.: CA = 45°											conductor
148.0	150	TUFF: inter. fg.											
150	175	GRAPHITIC SCHIST: contains few narrow bands of tuff sl. to mod. py.m sl. po. CA = 45°	7413	150	175	25.0	TR	TR	.10				conductor
175	200	AS ABOVE:	7414	175	200	25.0	NIL	TR	.06				conductor
200	225	AS ABOVE:	7415	200	225	25.0	TR	TR	.08				conductor
225	250	AS ABOVE:	7416	225	250	25.0	NIL	TR	.11				conductor
250	275	AS ABOVE:	7417	250	275	25.0	NIL	TR	.09				conductor
275	300	AS ABOVE:	7418	275	300	25.0	NIL	TR	.08				conductor
300	325	ARGILLITE: v.f.g. black, sl. py. (v.f.g.) 3c tr. cp. CA = 0 to 45°	7419	300	325	25.0	NIL	TR	.04				conductor

DUPLICATE COPY
OF QUALITY ORIGINAL
TO FOLLOW

DIAMOND DRILL RECORD

CORREL. 1-50N

ST. 300 + 600

ELEVATION 5' lower than
BY 450 5170-1LOCATION 610.0' S. 45° E
From 24 part of sl.
PA 249800

FOOTAGE	DIP	AZIMUTH	STRENGTH	SP	AZIMUTH
0.0'	45°	210°			
300'	45°	210°			

PROPERTY BENEDICKSON 1-64

BENEDICKSON TWP.

SIOUX LOOKOUT MINING DIVISION

DATE MAY 1 1964
 LOCATION 610.0' S. 45° E
 ELEVATION 5' lower than
 BY 450 5170-1
 SECTION OF TOWN 36 S. 45° E
 R.R. BENEDICKSON 1-64

FOOTAGE		DESCRIPTION	CORE SAMPLE				ASSAYS		ASSAYS			
FROM	TO		NUMBER	FROM	TO	TOTAL	CU/TON	FE/TON	CH	SI	CL	SP
0	73	CASING: (bolders)										
73	137.5	ANDESITE: fg., cut by a few very narrow qtz. str., tr. py. in str. CA= 45°.										
137.5	140.0	GRAPHITIC SCHIST: v.f.g., sl. nodular py. in str. CA= 45°.										
140.0	147.0	TUFF: inter. fg.,										
147.0	148.0	GRAPHITIC SCHIST: v.f.g. sl. nodular py. sl. pe. tr. cp. CA= 45°.										
148.0	150	TUFF: inter. fg.										
150	175	GRAPHITIC SCHIST: contains few narrow bands of tuff sl. to mod. py., sl. ps. CA= 45°.	7413	150	175	25.0	TR	TR				
175	200	AS ABOVE:	7414	175	200	25.0	TR	TR				
200	225	AS ABOVE:	7415	200	225	25.0	TR	TR				
225	250	AS ABOVE:	7416	225	250	25.0	TR	TR				
250	275	AS ABOVE:	7417	250	275	25.0	TR	TR				
275	300	AS ABOVE:	7418	275	300	25.0	TR	TR				
300	325	ARGILLITE: v.f.g. black, sl. py. (K.F.G.) tr. cp. CA= 0 to 45°.	7419	300	325	25.0	TR	TR				

DIAMOND DRILL RECORD

COLLAR:—

NORTH: _____
 EAST: _____
 ELEVATION: _____
 DIP: _____
 LOCATION: _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY BENEDICKSON 1 - 69

BENEDICKSON TWP.

SIoux LOOKOUT MINING DIVISION

CORE SIZE AX

COMMENCED March 30, 1970

FINISHED April 3, 1970

PURPOSE OF HOLE _____

HOLE NO. BT 70 - 2

SHEET NO. 2 of 2

LENGTH 331.0'

LOGGED BY D. Cross

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE			ASSAYS		AVERAGES			
FROM	TO			FROM	TO	TOTAL	GR. TON	DR. TON	GR. W.	DR. W.	COR. W.	DR. W.
325	331	AS ABOVE:	7420	325	331	6.0	NIL	TR	.02			conductor

END OF HOLE @ 331.0 feet

Corrected Dip @ 300' 45°

DUPLICATE COPY

QUALITY OF

TO FOLLOW

DIAMOND DRILL RECORD

COLLAR—

NORTH: 0 + 50 ft. N
 EAST: Line 36 + 00 E
 ELEVATION: Low Swamp
 DIP: - 45°
 LOCATION: 800 Ft.
 45 W. of the
 11 Post of cl. no. PA249800

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY: BENEDICKSON 1 - 69

BENEDICKSON TWP.

SIOUX LOOKOUT MINING DIVISION

CORE SIZE: AX

COMMENCED March 20, 1970

FINISHED March 29, 1970

PURPOSE OF HOLE To cut

J.E.M. conductor and magnetic anomaly
at depth.

HOLE NO. BT 1 - XX70

SHEET NO. 1 of 2

LENGTH 506.0 feet

LOGGED BY D. Cross

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE			ASSAYS		AVERAGES			
FROM	TO			FROM	FOOTAGE	TOTAL	OF 10N	OF 10N	AuW	AgW	CuW	ZnW
0	78	CASING: bolders and sand.										
78.0	125.0	ANDESITE: inter., fg., cut by a few qtz. str., tr. py. along fractures tr. py. & pc. diss. in qtz. str. CA = 45 to 60°	1a									
125	130.0	ANDESITE: basic v.f.g. (dike?)	1a									
130	206	ANDESITE: as above va, tr. zn. py. along shear at 102.0' CA (shear) 60°. CA = 45 - 60°.	1a									
206	265	TUFF: inter. fg., tr. zn along shear at 236.5'. CA = 45°	1e									
265	278	SERICITE SCHIST: Zone with narrow section of tuff. Schist (porphyritic) qtz. eyes cut by bull qtz. veins. CA (schist) 20 to 40°.	2b, d									
278	291.5	TUFF: inter. v.f.g.	1e									
291.5	310.0	TUFF: brecciated qtz. veining.	1e									
310.0	480.5	TUFF: inter. fg. cut by narrow qtz. veinlets few fractures cut trace amounts zn. mineralization, @ 383.5, 8" along core, sl. zn. CA = 10° @ 384.3, 5" along core, sl. zn. CA = 10 - 20°	1e									

DATE CC
 PC... QUALITY ORIG.
 TO FOLLOW

0 4 30 11 N
SST 17.8 26 + 005
ELEVATION 1055 ft
SW 2430 00
LOCATION 1055 ft
S. 1055 ft
at post of cl. no

FOOTAGE	DP	AIRSPOT	FOOTAGE	DP	AIRSPOT
0.0'	-45°	30°			
500.0'	-39.5°	30°			

BERNARD J. JACKSON
BERNARD J. JACKSON, JR.
BERNARD J. JACKSON, JR.
BERNARD J. JACKSON, JR.

MAY 1 1978

WOLFE NO. 11-1-1111
 STATE NO. 1111
 AMOUNT 506.0
 DUE DATE 01-11-11
 PAYEE NAME 1111

[illegible]

SIOUX LEADOUT MINING DIVISION

FROM: SAC, NEW YORK (100-38861)
 TO: DIRECTOR, FBI (100-38861)
 SUBJECT: JAMES EARL RAY, AKA
 MURDER OF MARTIN LUTHER KING, JR.
 RE: NEW YORK TELETYPE TO BUREAU, APRIL 1, 1968.

[illegible]

FOOTAGE		DESCRIPTION	CORE SAMPLE				ANALYSIS				AVERAGE			
FROM	TO		NUMBER	FEET	INCHES	GRAVITY	OXIDON	DETON	ANAL	ANAL	ANAL	ANAL	ANAL	ANAL
325	331	AS ABOVE:	7420	325	331	0.0	XIV	YE						
		END OF HOLE @ 331.0 FEET												
		Corrected Dip 82° 45'												
		74.1												
		92.1												

DIAMOND DRILL RECORD

COLLAR —

NORTH: _____
EAST: _____
ELEVATION: _____
DIP: _____
LOCATION: _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY: BENEDICKSON 1 - 69

BENEDICKSON TWP.

SIOUX LOOKOUT MINING DIVISION

CORE SIZE AX

COMMENCED March 20, 1970

FINISHED March 29, 1970

PURPOSE OF HOLE _____

HOLE NO BI 1 - 69 - 70

SHEET NO. 2 of 2

LENGTH 506.0 feet

LOGGED BY D. Cross

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE			ASSAYS		AVERAGES			
FROM	TO			FOOTAGE	SECTION	SECTION	1	2	AsV	AsV	GrV	GrV
		@ 392.5 along narrow fracture tr. zn. CA = 40°										
		@ 398.5 2" along narrow fracture tr. zn. CA=40°	1a									
		@ 400.0, 2" along narrow fracture tr. zn. CA=40°										
		@ 411 to 413, 6 narrow fractures tr. zn. CA=30°										
		@ 434.0 narrow fractures tr. zn. CA = 40°	1a									
		@ 437.5 narrow fractures tr. cp. CA = 40°	1a									
		@ 449.5 narrow fractures tr. zn. CA = 40°										
		@ 456.5 narrow fractures tr. zn. CA = 40°	1e									
480.5	485.5	TUFF: fg, sheared very slight zn. py. po. CA = 45°	7408	480.5	435.5	5.0'						
485.5	490.5	RHYOLITE PORPHYRY: fg. sheared very slight diss. zn. slight py. po. tr. zn.	7409	485.5	490.5	5.0'	2e					
490.5	495.5	RHYOLITE PORPHYRY: fg. sheared tr. zn. po. py.	7410	490.5	495.5	5.0'						
495.5	500.5	RHYOLITE PORPHYRY: fg. sheared tr. po. py.	7411	495.5	500.5	5.0'						
500.5	506.0	RHYOLITE PORPHYRY: fg. sheared tr. po. py.	7412	500.5	506.0	5.5'						
		END OF HOLE: @ 506.0 FEET										
		Corrected Dip @ 500.0' 39.5°										

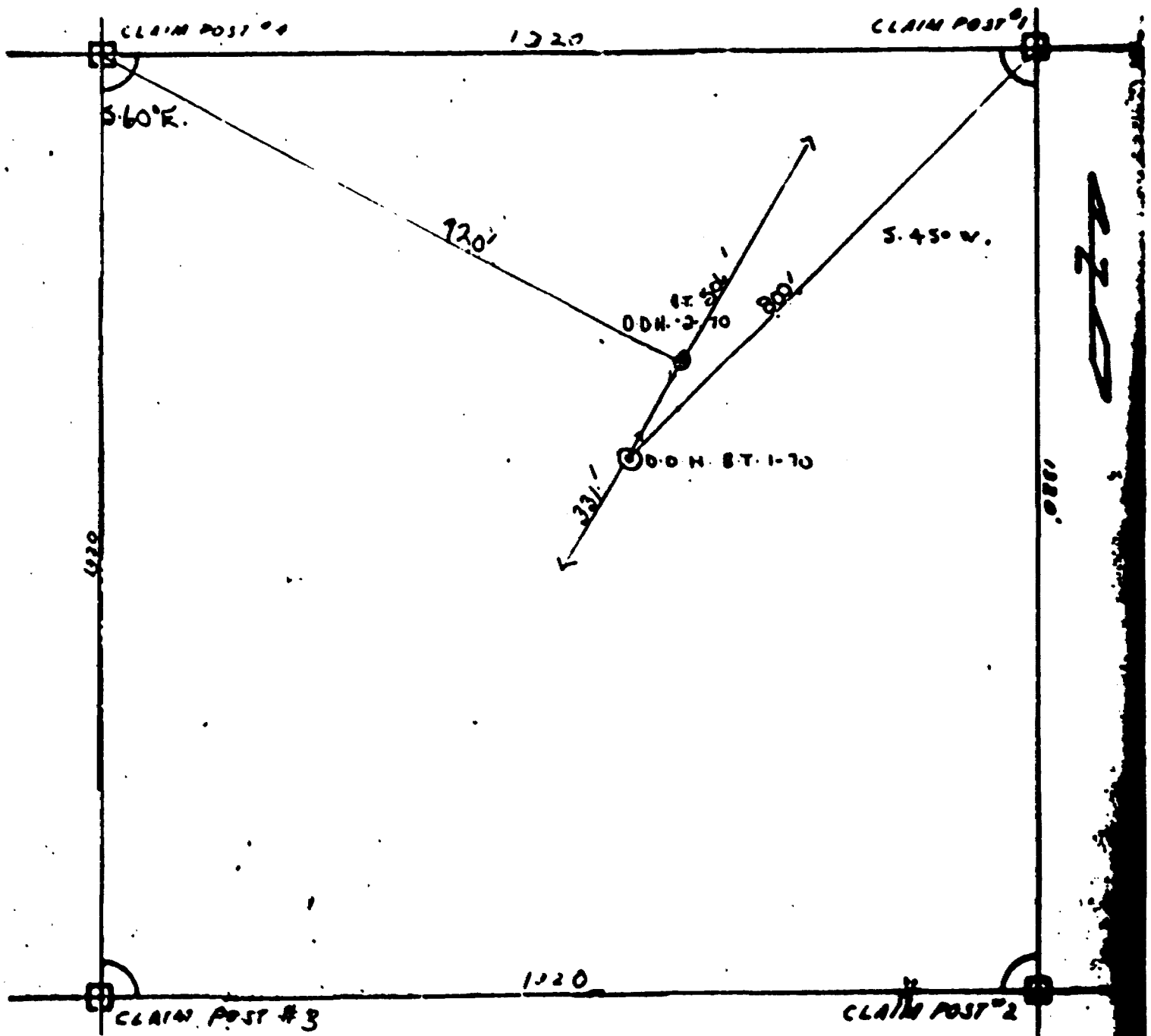
QUALITY OF
FOLLOW

LOOSE BY D. CROSS

[illegible]

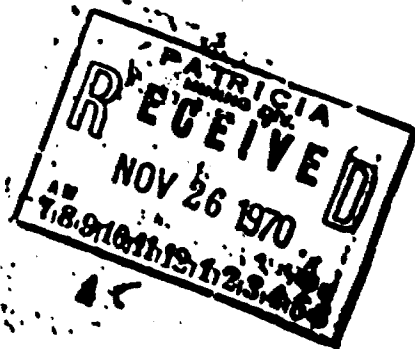
359/70 Benedekhamdy.
Noranda Expl Co Ltd

BT 1-70
E BT 2-70



NORANDA EXPLORATION CO LTD
THUNDER BAY,
ONTARIO

200'
SCALE



LOCATION SKETCH
ASSESSMENT WORK

CLAIM NO. PA. 249800...

Scale: 1" = 200'

Date: ... Nov. 20/72...

Drawn by: J.N.

Signed:

DIAMOND DRILL RECORD

COLLAR:—

NORTH: 16 + 00 N

EAST: 132 + 00 E

ELEVATION:

DIP: - 45°

LOCATION: 250.0' S. 45°W.

of No. 1 post cl.

PA249805

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY: BENEDICKSON TWP. 1 - 69

STURGEON LAKE AIRBORNE

SIOUX LOOKOUT MINING DIVISION

CORE SIZE: AXT

COMMENCED: April 4, 1970

FINISHED: April 12, 1970

PURPOSE OF HOLE: To test an E.M. conductor at depth.

HOLE NO. BT - 3 - 70

SHEET NO. 1 of 3

LENGTH 423.7 ft

LOGGED BY R.H. Johnson

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE			ASSAYS		AVERAGES			
FROM	TO			FOOTAGE	FOOTAGE	FOOTAGE	CU	FE	ADP	ADP	CUW	2ndV
0	11	CASING: (glacial boulder till overburden)										
11	12.8	BASALT: altered (most of mafic minerals to chlorite).	1a									
12.8	23.7	ANDESITE TUFF: v.f.g.	1e									
23.7	49.7	BASALT:										
49.7	50.6	QUARTZ: vein										
50.6	115.5	BASALT: tuffaceous in places and somewhat amygdaloidal near top of section; sl. py. in qtz. at 75 and scattered qtz. stringers.										
115.5	121.2	ANDESITE TUFF:										
121.2	122.6	QUARTZ: vein										
132.6	138.7	BASALT: altered, CA = 45° - 50°										
138.7	149.6	ANDESITE TUFF:										
149.6	153	BASALT:										
153	153.9	QUARTZ: VEIN										
153.9	188.2	ANDESITE TUFF: (becomes increasing "coarser" grained near bottom of section), altered to a biotite schist, 1" patch of heavy po. at 178.3' graphitic at 182.5'.										

DUPLICATE COPY
QUALITY
FOLD

DIAMOND DRILL RECORD

DOLLAR

NORTH $16 + 00^{\circ}N$
 EAST $132 + 02E$
 ELEVATION
 DIP $+15^{\circ}$
 LOCATION $250.0^{\circ} S. 45^{\circ}$
 of No. 1 post el.
 : PA249865

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	$+15^{\circ}$	30°			
400	$+40^{\circ}$				

PROPERTY BENEDICKSON TWP. 1-69STURGEON LAKE AIRBORNESIOUX LOOKOUT MINING DIVISIONCONTRACT AKTCOMPLETION April 4, 1970PERIOD April 12, 1970PURPOSE OF HOLE To test at
E.M. conductor at depth.HOLE NO. BT-370SHEET NO. 1 of 3LENGTH 423.7 feetLOGGED BY R.M. JOHNSON

FOOTAGE		DESCRIPTION	CORE SAMPLE				ASSAYS				AVERAGES			
FROM	TO		NUMBER	FROM	TO	TOTAL	GR/TON	GR/TON	GR	GR	GRW	GRW	GRW	GRW
0	11	CASING: (glacial boulder till overburden)												
11	12.8	BASALT: altered (most of mafic minerals to chlorite).												
12.8	23.7	ANDESITE TUFF: v.f.g.												
23.7	49.7	BASALT:												
49.7	50.6	QUARTZ: vein												
50.6	115.5	BASALT: tuffaceous in places and somewhat amygdaloidal near top of section; sl. py. in qtz. at 75 and scattered qtz. stringers.												
115.5	121.2	ANDESITE TUFF:												
121.2	122.6	QUARTZ: vein												
122.6	130.7	BASALT: altered, CA= $45^{\circ} - 50^{\circ}$.												
130.7	149.6	ANDESITE TUFF:												
149.6	153	BASALT:												
153	153.9	QUARTZ: vein												
153.9	188.2	ANDESITE TUFF: (becomes increasing "coarser" grained near bottom of section), altered to a biotite schist. 1" patch of heavy py. at 170.2' - 171.5'.												



DIAMOND DRILL RECORD

COLLAR:—

NORTH _____
EAST _____
ELEVATION _____
DIP _____
LOCATION _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY BENEDICKSON TWP. 1 - 69

STURGEON LAKE AIRBORNE

SIoux LOCKOUT MINING DIVISION

CORE SIZE _____
COMMENCED _____
FINISHED _____
PURPOSE OF HOLE _____

HOLE NO. BT 3 - 70
SHEET NO. 2 of 3
LENGTH 423.7'
LOGGED BY R.H. Johnson

FOOTAGE		DESCRIPTION	NUMBER	CORE SAMPLE			ASSAYS				AVERAGES			
FROM	TO			FROM	TO	TOTAL	GR TON	GR TON	%	%	AveW	AgrW	CurW	ZnW
188.2	190.8	CHLORITE SCHIST: CA = 50°												
190.8	193.2	QUARTZ-BIOTITE SCHIST: graphitic and carbonaceous with sl. po.	2d, g											
198.2	209.4	CHLORITE SCHIST: CA = 60 - 70°	1e											
209.4	213	QUARTZ - BIOTITE SCHIST: CA = 75°, graphitic with sl. po.												
213	223	ANDESITE TUFF:												
223	223.6	QUARTZ - FELDSPAR: vein												
223.6	228.8	BASALT: altered.												
228.8	271.2	ANDESITE TUFF: CA = 80°												
271.2	272.1	QUARTZ FELDSPAR PORPHYRY:	2e											
272.1	276.2	BASALT: altered												
276.2	279.7	QUARTZ: vein, hanging wall cuts into basalt with inclusion altered to chlorite.												
279.7	291.2	BASALT: altered												
291.2	292	CORE GROUND:												
292	295.3	BASALT: altered												
295.3	298.6	ANDESITE TUFF:												

PLICATE COPY
QUALITY ORIGINAL
TO FOLLOW

LOCATION

POORAGE	IMP.	ADDITION	POORAGE	IMP.	ADDITION

DEBONERON SUP 2129

STIMBOTH LAKE-AIDONE

UNITED STATES DEPARTMENT OF JUSTICE FEDERAL BUREAU OF INVESTIGATION WASHINGTON, D. C. 20535

[illegible]

DIAMOND DRILL RECORD

COLLAR:—

NORTH _____
EAST _____
ELEVATION _____
DIP _____
LOCATION _____

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

PROPERTY BENEDICKSON TWP. 1 - 69

STURGEON LAKE AIRBORNE

SIOUX LOOKOUT MINING DIVISION

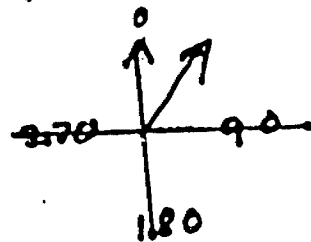
CORE SIZE _____
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____

HOLE NO. BT 3 - 70
 SHEET NO. 3 OF 3
 LENGTH 423.7'
 LOGGED BY R.H. Johnson

[illegible]

DUPLICATE
POOR QUALITY
TO FOLLOW

BT 3-70



CLAIM POST #1

1320'

CLAIM POST #1

O.D.H.
B.T. 3-70

423-71
5-48W

CLAIM POST #2

1320'

CLAIM POST #2

MIRANDA EXPLORATION CO. LTD.
THUNDER BAY, ONTARIO

2001
SCALE

RECEIVED

NOV 26 1970

1 2 3 4 5 6 7 8 9 10 11 12

LOCATION SKETCH

ASSESSMENT WORK

CLAIM NO. PAR. 4195.....

Scale : 1" = 200'

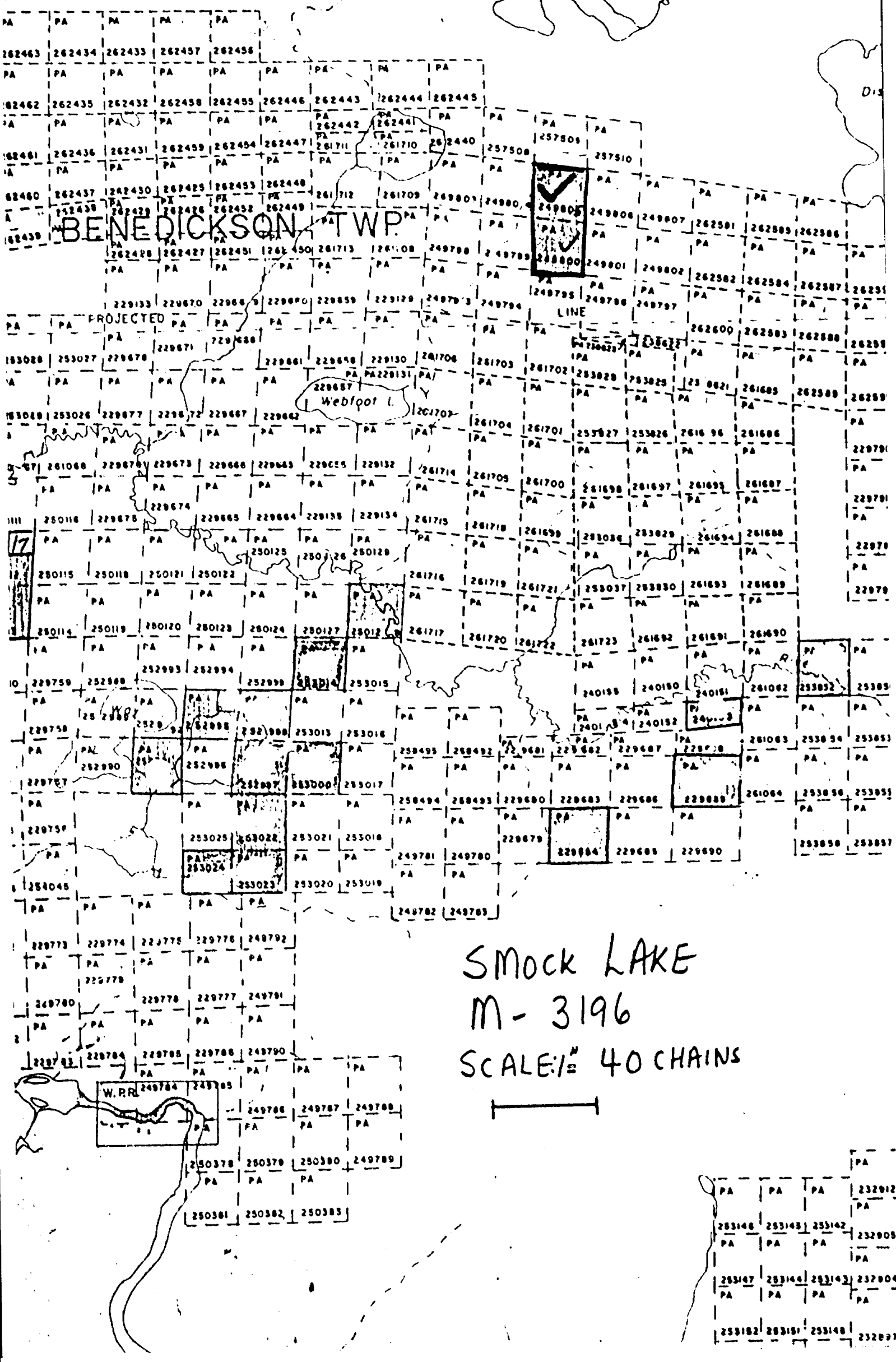
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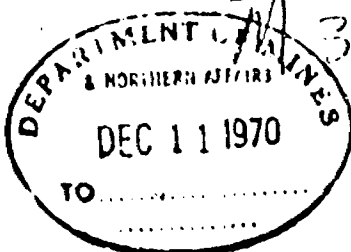
Drawn by : J.R.

Signed :

SCALE 1" = 200'

Zorn





ONTARIO

THE MINING ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

To the Recorder of Snook Lake Mining Division
I, NORANDA EXPLORATION COMPANY LIMITED (NO PERSONAL LIABILITY) A34387
name of Recorded Holder
1700-44 King Street West, Toronto 1, Ontario
Post Office Address
do hereby report the performance of 1260.7 days of Diamond Drilling
type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
PA 249793	60	PA 249801	60	PA 257508	60
PA 249794	"	PA 249802	"	PA 257509	"
PA 249795	"	PA 249803	"	PA 257510	"
PA 249796	"	PA 249804	"	PA 238621	"
PA 249797	"	PA 249805	"	PA 238622	"
PA 249798	"	PA 249806	"	PA 238623	"
PA 249799	"	PA 249807	"		
PA 249800	"				

All the work was performed on Mining Claim (s) PA 249805 (423.7 days); PA 249800 (837 days)
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

All holes drilled by Norwesson Diamond Drilling, Red Lake, Ontario;
owned and operated by Mr. Sam Duggan, Red Lake, Ontario.

D.D.H. No.	Azimuth	Angle	Length	Core Size	Start	Finish
BT 70-1	30°	-45°	506.0'	Ax 1 1/8"	March 20/70	Mar. 29/70
BT 70-2	210°	-45°	331.0'	Ax 1 1/8"	March 30/70	April 3/70
BT 70-3	30°	-45°	423.7'	Ax 1 1/8"	April 4/70	April 12/70

Date November 23, 1970

Signature of Recorded Holder Agent

The Mining Act
Certificate Verifying Report of Work

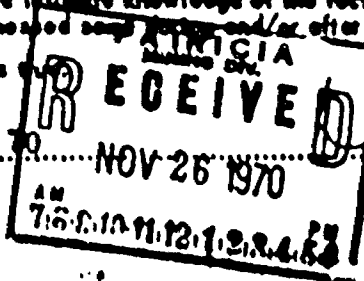
I, DON CROSS
253 Lincoln Street, Thunder Bay, Ontario
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed completion and/or after its completion.
2. That the annexed report is true.

Dated November 23 19 70

NOV 26 1970



249793