



52004NW0005 63E.22 CANNON LAKE

010

MADSEN RED LAKE GOLD MINES, LIMITED

Ferdinand Lake Option
Red Lake Mining Division
Ontario

INTRODUCTION

Prospecting, trenching and diamond drilling with a light drill were carried out on a group of claims in the Ferdinand Lake Area, District of Kenora, Patricia Portion, Red Lake Mining Division, Ontario, during the summer and fall of 1969.

The original claims of the group were staked by Daniel Panacheese, Madsen, Ontario, to cover a molybdenite showing located in the west central portion of Claim KRL 71634.

PROPERTY, LOCATION AND ACCESS

The original group consisted of 20 claims, numbered KRL 71625 to KRL 71644, both inclusive, Subsequently twenty-four additional claims, numbered KRL 201596 to KRL 201619, both inclusive, were staked by Madsen and in June, 1969, four claims numbered KRL 223411 to KRL 223414 were added to the group to protect the possible extension of a second molybdenite showing found in the northwest corner of Claim KRL 71642.

The property is located approximately $1\frac{1}{2}$ miles northeast of the northeast end of Ferdinand Lake, 100 air miles east and slightly north from Red Lake and 10 miles west of Slate Falls, on Bamaji Lake at the inlet of the Cat River.

The south boundary of the property lies one mile north of and approximately parallel to the H.E.P.C. power line from Ear Falls to Pickle Crow.

The claims are shown on the Ferdinand Lake claim sheet, Map No. M2151 of the Ontario Department of Mines.

Access is by bush aircraft only. A small, narrow lake called Madsen Lake for convenience, and running east-west in the centre of the group, was used but was not suitable for heavy loads. Fawthrop Lake, to the northwest, and Hailstone Lake, to the west, were used to unload half loads out of the property but Fawthrop Lake is not recommended due to its shallowness.

GENERAL GEOLOGY

The northern third of the property is underlain by granite and granite gneiss, intruded by numerous pegmatite dykes, with generally irregular strikes and dips.

The southern portion is underlain by amphibolite-biotite schists and gneisses, with steep southerly dips and approximately east-

west strike. A few pegmatite dykes, conformable in strike and dip, were found in this formation.

The contact between the granite and the amphibolite schists runs slightly south of west, just north of the north shore of Madsen Lake, from the west boundary of KRL 71631 to 100 feet east of the west boundary of KRL 71634, where the strike is east-west. From this point, the contact is covered by overburden. It reappears again 1,400 feet to the west where the strike is southwest for 400 feet, when the contact resumes a slightly south of west strike.

ECONOMIC GEOLOGY

The original showing was found just north of the granite-schist contact at the west end of KRL 71634. Molybdenite was found as flakes, crystalline masses and in narrow, short seams over a length of about 200 feet in a zone about 30 to 40 feet wide, in the granite, containing numerous pegmatite dykes and greyish quartz veins. These dykes and veins close to the contact were parallel or nearly so in strike and dip to the contact but in the north part of the zone were apparently rolling with an overall flatter to the south. The quartz veins branch and not all of them are continuous along the whole length of the mineralized zone. Molybdenite was found as disseminated flakes in granite gneiss, as large crystalline masses and disseminations in granite gneiss and pegmatite in and along steep slips and shears, in heavy disseminations and narrow, massive seams in the quartz veins close to both walls and as erratically occurring crystals in the pegmatite.

The second showing was found in the northwest corner of KRL 71642 on a rock knoll overlooking the muskeg area at the north end of the west shore of the small lake in that claim. Molybdenite flakes were found over an area, roughly 200 feet by 100 feet, associated with a highly crenulated and/or rolling quartz vein with an overall flat dip of from 10° to 45° and varying in width from $\frac{1}{2}$ inch to 6 inches, and also associated with narrow, $\frac{1}{2}$ to 4 inches, steep south dipping quartz veins with an approximate east-west strike. The molybdenite flakes were present both in the quartz and in the adjacent granite gneiss.

The steep quartz veins were developed only below the flat quartz vein and the molybdenite was present only up to a vertical depth of about 6 feet below the flat quartz. Pyrite and pyrrhotite with minor chalcopyrite, also associated with the steep quartz veins, appeared to be increasing at this depth below the flat quartz.

In spite of its widespread occurrence in the No. 2 showing, molybdenite in concentrations of interest was found only in Trench No. 12.

DEVELOPMENT WORK

A total of 9 trenches, Nos. 1 to 9, were cut across the molybdenite bearing zone of the No. 1 showing in Claim KRL 71634. Five trenches, Nos. 10 to 14, were excavated on the No. 2 showing in Claim

71042 and four other sections in this claim were trenched on pegmatite dykes in biotite-amphibolite gneiss, containing a few flakes of molybdenite.

In addition, two diamond drill holes, totalling 219 feet, were put down on the No. 1 showing and two holes, totalling 155 feet, on the No. 2 showing. Plans and drill logs, outlining this work, accompany this report.

RESULTS OF SAMPLING

Grab samples were taken from the muck resulting from the initial blasting in the areas of Trench Nos. 1, 5, 6 and 7. A high-grade sample was also picked from these trenches for a spectrographic analysis. Results of assays of these samples are as follows:

<u>Sample No.</u>	<u>Assay</u>	<u>Remarks</u>
851	2.68% MoS ₂	High grade specimen from original showing at No. 1 trench.
13029	0.39% MoS ₂	No. 5 trench)
13030	0.60% MoS ₂	No. 6 trench)
13031	0.70% MoS ₂	No. 7 trench)
954	Mo 1 to 10% Bi - not detected	High grade sample from trenches 1, 5, 6, 7

These grab samples were taken from the section in the zone in which each of the above trenches was started and in all these cases the section was relatively high grade.

Representative muck samples were taken along sections of Trenches 8, 6 and 2. The sections sampled are shown on the plan of the No. 1 showing.

<u>Sample No.</u>	<u>%MoS₂ Assay</u>	<u>Footage</u>	<u>Location</u>
13033	0.62	0.0-4.0 feet	Trench No. 8
13034	1.15	-8.0 feet	north to south
13035	1.02	-15.0 feet	
13036	0.53	-20.0 feet	
13037	0.58	-25.0 feet	
13038	0.74	-30.0 feet	
13039	0.04	-35.0 feet	
13040	0.56	-40.0 feet	
13041	0.37	-46.0 feet	
13042	0.01	0.0-5.0 feet	Trench No. 6
13043	0.01	-10.0 feet	north to south
13044	0.01	-15.0 feet	
13045	0.01	-20.0 feet	
13046	0.16	-25.0 feet	
13047	0.22	-30.0 feet	
13048	0.89	-35.0 feet	

(Assay results continued)

Sample No.	%MoS ₂ Assay	Footage	Location
13049	0.61	0.0-40.0 feet	Trench No. 6
13050	0.17	-46.0 feet	north to south
13051	0.18	0.0-5.0 feet	Trench No. 2
13052	0.01	-10.0 feet	north to south
13053	0.61	-15.0 feet	
13054	0.31	-20.0 feet	
13055	0.56	-25.0 feet	
13056	0.83	-33.0 feet	

These samples were taken to attempt to approximate a bulk sample on the trenches but it was felt that the results could have been affected by molybdenite spread around by the blasting.

Subsequently, after the trenches had been cleaned, the author mapped the No. 1 showing and sampled those sections which were considered to have sufficient width and chances of continuity to be of interest. The results of this sampling follow:

Sample No.	% MoS ₂ Assay	Footage	Location
13059	0.15	0.0-2.5 feet	Trench No. 5
13060	0.33	0.0-2.0 feet	Trench No. 1
13061	0.08	0.0-5.0 feet	Trench No. 6
13062	0.12	0.0-10.0 feet	south to north

Results of sampling on the No. 2 showing are as follows:

Sample No.	% MoS ₂ Assay	Footage	Location
13063	0.49	0.0-5.0 feet	Trench No. 12
13064	0.45	0.0-10.0 feet	north to south
13065	0.25	-15.0 feet	
13066	0.39	-19.0 feet	
80	Tr. oz/ton Au.	Grab	Pyrrhotite & pyrite
5303	0.20	0.0-1.0 feet	North to south
5304	0.10	-4.0 feet	
13057	0.06	0.0-0.5 feet	Trench No. 10-west face
13058	0.22	-3.5 feet	Vertical sample - top to bottom
13067	Tr.	Grab	Trench No. 10
13068	Tr.	Grab	Trench No. 11
13069	Tr.	Grab	Trench No. 12

The section sampled on Trench No. 12 was on a vertical face, above the muskeg surrounding the small lake in Claim KRL 71642. Subsequent blasting removed most of the mineralization, as shown by samples

5303 and 5304, from the face and indicated the possibility that the mineralization here was in a remnant of the flat quartz vein and occurred in an exceptional widening of the vein at the point of a strong roll.

The grabs from the Trenches 10 to 12 were taken away from the molybdenite mineralization and in granite gneiss.

All diamond drill core was split and assayed. Results are shown on the diamond drill logs.

CONCLUSIONS

The diamond drilling, in my opinion, confirmed the theory that all the scattered molybdenite occurrences at the No. 2 showing were associated with a flatly dipping, crenulated, rolling quartz vein which at one time was continuous over the entire area of the No. 2 showing and probably beyond. The absence of similar parallel structures below, at least to the depth covered by the drill holes, and the absence of molybdenite values in the granite gneiss itself, indicates that the possibilities of developing a large, low grade orebody here are extremely remote.

It is believed quite probable that this same flat structure is responsible for the mineralization at the No. 1 showing also, although here the situation would be complicated by small movements along faults or planes parallel to the contact. This would supply an additional reason for the discrepancies between the muck sampling and the later chip sampling and also for the general observation that mineralization on the surface was, in most cases, stronger than in the bottom of the trenches.

In any event, it is my opinion that the results on the work carried out on the No. 1 showing indicate that the possibilities of developing an orebody here are small.

RECOMMENDATIONS

No further work is warranted on these claims and it is recommended that the option be terminated.



F. A. Innes, B.Sc., P.Eng.

Toronto, Ontario,
November 1, 1969.

X-RAY ASSAY LABORATORIES LIMITED

5 LESMILL ROAD - DON MILLS, ONTARIO - TELEPHONE 445-5755

Certificate of Analysis

NO. 3049

TO: Madsen Red Lake Gold Mines Ltd.,
55 Yonge Street, Suite 1109,
Toronto, Ontario.

RECEIVED June 24th, 1969

INVOICE NO. 4240

SAMPLE(S) OF Rock

SUBMITTED TO US SHOW RESULTS AS FOLLOWS

Element	Sens*	Concentration 954	Element	Sens*	Concentration 954
Antimony	(4)	ND	Manganese	(1)	TL
Arsenic	(4)	ND	Mercury	(4)	T
Beryllium	(2)	ND	Molybdenum	(3)	M
Bismuth	(2)	ND	Nickel	(1)	FT
Cadmium	(4)	ND	Silver	(1)	FT
Cerium	(5)	NF	Tantalum	(5)	ND
Columbium	(4)	ND	Thorium	(3)	ND
Chromium	(4)	ND	Tin	(2)	FT
Cobalt	(3)	ND	Titanium	(2)	TL
Copper	(1)	FT	Tungsten	(4)	ND
Gallium	(2)	FT	Uranium	(3)	ND
Germanium	(1)	ND	Vanadium	(2)	FT
Iron	(2)	LM	Yttrium	(3)	T
Lead	(2)	ND	Zinc	(4)	T
Lithium	(4)	L	Zirconium	(4)	T

LEGEND

Key To Symbols

H - 10% plus
MH - 5-15%
M - 1-10%
LM - 0.5-5%
L - 0.1-1%
TL - 0.05-0.5%
T - 0.01-0.1%
FT - 0.01% or less
ND - Not detected

*Sensitivity

(limit of detection)

1- 0.0005-0.001%
2- 0.001-0.005%
3- 0.005- 0.01%
4- 0.01 - 0.05%
5- 0.05 - 0.1%

Note: Better sensitivities can be obtained with special techniques, if and when required.

C.C.: Mr. F. A. INNES

X-RAY ASSAY LABORATORIES LIMITED

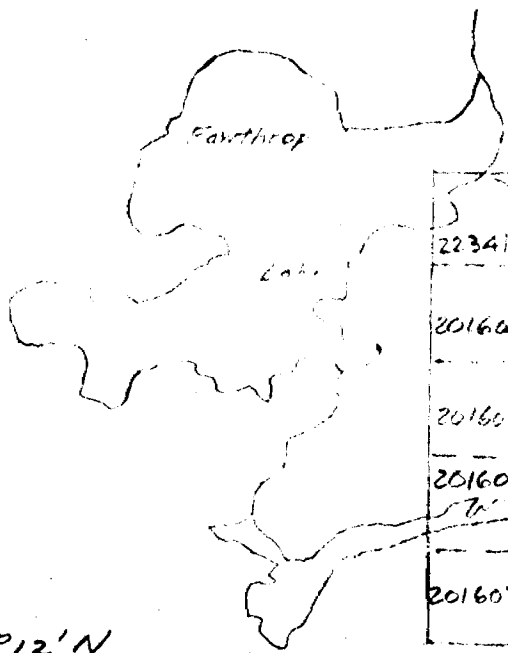
DATE

June 25th, 1969

CERTIFIED BY



M.S.S. 16
91



223413	223412	223411								
223414										
201604	201603	201596	71641	71640	71632		201608	201615		
					71633		71625			201616
201605	201602	201597	71642	71639		71634			201614	201617
			Comp				71631	71626	201607	
201606										
	201601	201598	71643	71638	71635	71630	71627	201610	201613	201618
201607	201600	201599	71644	71627	71636	71629	71628	201611	201612	201619

51°12'N

51°12'N

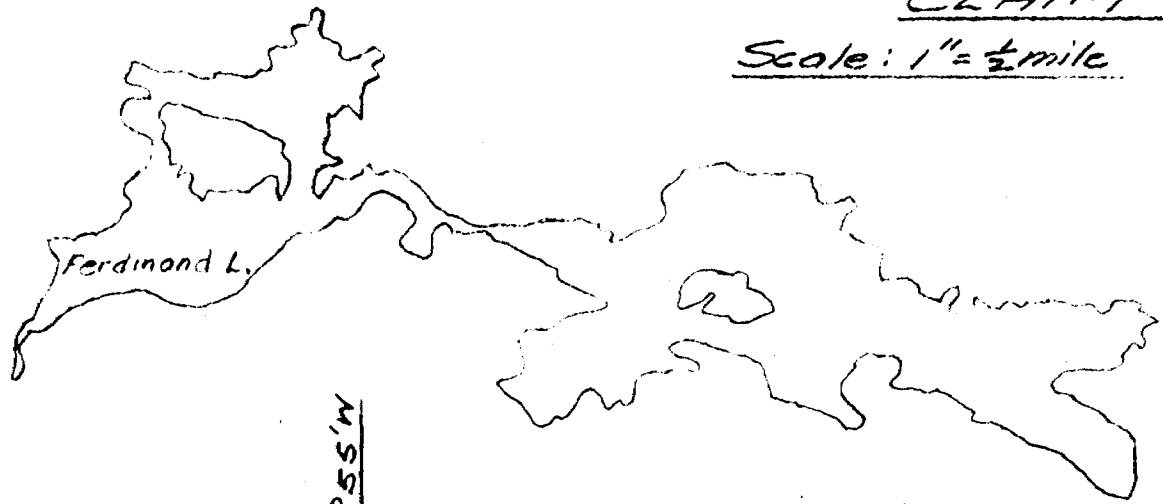
MADSEN RED LAKE GOLD MINES

Ferdinand Lake Option

CLAIM MAP

Scale: 1" = 1/2 mile

Oct. 1962



M.S.S. 16
91

DIAMOND DRILL RECORD

Page No. 1

Property FERDINAND LAKE OPTIONClaim No. KRL 71634

Collar

Lat. 0+31'N Dep. 0+90'E Elev. -Bearing SOUTH Dip -42°Final Depth 100.0

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. 1
 Core Size 7/8" (PACKSACK)
 Commenced Sept. 20, 1969
 Finished Sept. 23, 1969
 Logged by F. A. INNES

Footage	Description	Sample				Assay			
		No.	From	To	Length	MoS ₂ %			
0.0 - 0.1	GREY QUARTZ	401	0	5.7	5.7	Nil			
0.1 - 5.7	RED PEGMATITE - some fine pyrite and chalcopyrite. - Light grey sections with a little fine MoS ₂ 0.4-0.9, 2.7-3.4, 4.4-5.7	402	5.7	10.0	4.3	Tr			
		403	10.0	15.0	5.0	Tr			
		404	15.0	20.0	5.0	Nil			
		405	20.0	25.7	5.7	Nil			
		406	25.7	32.1	6.4	Tr			
5.7 - 25.7	GRAY BIOTITE GRANITE - Somewhat gneissic - occasional light quartz-feldspar vein 14.7-15.0 - grey quartz 20.2-21.4 - narrow grey quartz parallel to core 22.4-23.1 - grey to brown silicified section with a little fine MoS ₂	407	32.1	36.7	4.6	Tr			
		408	36.7	40.8	4.1	0.02			
		409	40.8	45.0	4.2	0.58			
		410	45.0	50.0	5.0	Nil			
		411	50.0	55.6	5.6	Nil			
25.7 - 32.0	RED PEGMATITE - Fine grained, almost granitic in centre section								
32.0 - 36.7	GRAY BIOTITE GRANITE GNEISS								
	32.5-33.3 - red pegmatite								
36.7 - 40.8	WHITE PEGMATITE - Coarse grained considerable grey gr. and a little pyrite								
	39.6-40.0 Grey gr.								
	40.0-40.8 Grey gr. and gneissic granite contact parallel to core								
40.8 - 55.6	BIOTITE GRANITE - Gneissic occasional narrow, white, coarse grained pegmatite vein								

F. A. Innes

DIAMOND DRILL RECORD

Property
 Claim No.
 Collar
 Lat. Dep. Elev.
 Bearing Dip
 Final Depth

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. 1
 Core Size
 Commenced
 Finished
 Logged by

Footage	Description	Sample				Assay		
		No.	From	To	Length	MoS ₂ %		
55.6 - 71.2	WHITE PEGMATITE - Pink to white coarse grained. considerable grey qtz. and a little pyrite. Considerable small red garnets. Grey qtz - 62.5-65.7, 66.2-66.7	412	55.6	60.0	4.4	Nil		
		413	60.0	65.0	5.0	Nil		
		414	65.0	71.2	6.2	0.01		
		415	71.2	75.9	4.7	0.01		
		416	75.9	80.0	4.1	Tr		
71.2 - 75.9	GRANITE - Grey to red - very slightly gneissic. occasional very narrow pegmatite stringer - Coarser grained & pegmatitic 74.7-75.9. Speck of MoS ₂ at 75.2 - Blacky	417	80.0	85.6	5.6	Nil		
		418	85.6	90.8	5.2	Nil		
		419	90.8	95.0	4.2	Nil		
		420	95.0	100.0	5.0	Nil		
75.9 - 85.6	AMPHIBOLITE SCHIST - Dark grey - some biotite - Schistosity at 45° 50' to core. 81.6-83.0 - Light altered silicified section.							
85.6 - 90.8	GREY GNEISSIC GRANITE. 88.3-89.2 - Light fine-grained silicified section with some pyrite on contacts.							
90.8 - 100.0	AMPHIBOLITE SCHIST - as 75.9-85.6. Some sections gneissic.							
100.0	END OF HOLE.							

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DIAMOND DRILL RECORD

Page No. 1

Property FERDINAND LAKE OPTION
Claim No. K.R.L. 71634

Collar

Lat. 0137N Dep. 0135W Elev. -
Bearing SOUTH Dip -43°
Final Depth 119.0'

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. 2
Core Size 7/8" (PACKSACK)
Commenced SEPT. 23/69
Finished SEPT. 27/69
Logged by F. A. INNES

Footage	Description	Sample				Assay	
		No.	From	To	Length	MoS ₂ %	
0.0 - 4.0	CASING	421	4.0	9.0	5.0	Nil	
4.0 - 28.0	RED to GREY GRANITE -	422	9.0	14.0	5.0	0.04	
	Somewhat gneissic in sections	423	14.0	19.0	5.0	Nil	
	10.0-10.5 - grey qtz & pegmatite.	424	19.0	24.0	5.0	Nil	
	12.0 - 1/8" x 3/4" MoS ₂	425	24.0	28.0	4.0	Nil	
	14.8 - 2" of grey qtz & pegmatite.	426	28.0	30.3	2.3	Tr	
	21.9 - 4" of red pegmatite & grey qtz	427	30.3	34.4	4.1	Tr	
	28.0 - 30.3	PEGMATITE - Pink. Coarse grained. Grey qtz contact parallel to core 28.0-28.8.	428	34.4	36.2	1.8	Nil
30.3 - 34.4	GREY QUARTZ - Occasional very narrow pegmatite vein	429	36.2	39.2	3.0	Nil	
		430	39.2	44.0	4.8	Tr	
		431	44.0	49.0	5.0	Nil	
		432	49.0	54.0	5.0	Tr	
34.4 - 36.2	GRANITE - as 4.0 - 28.0	433	54.0	59.0	5.0	Nil	
		434	59.0	64.0	5.0	0.01	
		435	64.0	69.0	5.0	Nil	
36.2 - 39.2	GREY QUARTZ - Frequent coarse grained pegmatite veins.	436	69.0	74.0	5.0	Nil	
		437	74.0	79.0	5.0	Nil	
39.2 - 49.0	GRANITE - as 4.0 - 28.0	42.2				Small speck of MoS ₂	
49.0 - 54.0	PEGMATITE - Pink to white Coarse grained - some grey qtz.						
54.0 - 76.5	GRANITE - grey to red - gneissic in sections	59.0-61.7				Red fine-grained granite	
		73.1-74.0				Grey qtz	

F. A. Innes

DIAMOND DRILL RECORD

Property
 Claim No.
 Collar
 Lat. Dep. Elev.
 Bearing Dip
 Final Depth

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. 2
 Core Size
 Commenced
 Finished
 Logged by

Footage	Description	Sample				McS, %	Assay		
		No.	From	To	Length				
76.5-94.0	GREY QUARTZ AND PEGMATITE	438	79.0	84.0	5.0	Nil			
	Pegmatite is reddish & coarse grained	439	84.0	89.0	5.0	Nil			
	83.5-86.0 - Coarse gr. grey granite	440	89.0	91.1	2.1	0.96			
	88.0-89.3 " " " "	441	91.1	91.8	0.7	0.20			
	91.1-91.8 - Red granite with considerable McS, in very fine to 3/8" xls.	442	91.8	94.0	2.2	0.22			
		443	94.0	99.0	5.0	0.01			
		444	99.0	104.0	5.0	Nil			
		445	104.0	109.0	5.0	Nil			
94.0-119.0	AMPHIBOLITE SCHIST - Dark grey some biotite - sch. stesity at 30-45° to core	446	109.0	114.0	5.0	Nil			
	107.6-109.0 - white pegmatite	447	114.0	119.0	5.0	Tr			
	114.0 - 3" of pink pegmatite								
115.2-116.2 - pink pegmatite									
119.0	END OF HOLE								

J. A. Jones

DIAMOND DRILL RECORD

Page No. 1

Property FERDINAND LAKE OPTIONClaim No. KRL 71642

Collar

Lat. 6+76'N Dep. 78+05'N Elev.Bearing NORTH Dip. -55°Final Depth 78.0

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. 3Core Size 7/8" (PACK SACK)Commenced SEPT. 30, 1969Finished OCT. 3, 1969Logged by F. A. INNES

Footage	Description	Sample				Assay	
		No.	From	To	Length	MoS ₂ %	
0.0 - 1.0	GREY QUARTZ - occasional small speck of MoS ₂	448	0.0	1.9	1.9	0.08	
		449	1.9	2.9	1.0	Tr	
1.0 - 1.9	GREY GNEISSIC GRANITE Gneiss at about 60° to core - occasional small MoS ₂ speck	450	2.9	5.0	2.1	Tr	
		451	5.0	6.9	1.9	Tr	
		452	6.9	7.6	0.7	Tr	
1.9 - 2.9	QUARTZ AND PEGMATITE occasional MoS ₂ speck.	453	7.6	10.0	2.4	0.09	
		454	10.0	15.0	5.0	0.04	
1.9 - 6.9	GREY GNEISSIC GRANITE As 1.0 - 1.9	455	15.0	20.0	5.0	0.01	
		456	20.0	23.0	3.0	Nil	
		457	23.0	25.0	2.0	0.03	
6.9 - 7.6	GREY QUARTZ - A few MoS ₂ specks	458	25.0	30.0	5.0	Tr	
7.6 - 78.0	GREY GNEISSIC GRANITE 9.0 - 4" of grey gtz. 17.0 - narrow grey gtz stry. 7.0 - 25.0 - A little pyrite, pyrrhotite and chalcopyrite MoS ₂ specks at 22.8 & 24.1 32.3 - 2" of grey gtz	459	30.0	35.0	5.0	Nil	
		460	35.0	40.0	5.0	Nil	
		461	40.0	45.0	5.0	Tr	
		462	45.0	50.0	5.0	Nil	
		463	50.0	55.0	5.0	Nil	
		464	55.0	60.0	5.0	Tr	
		465	60.0	65.0	5.0	Nil	
		466	65.0	70.0	5.0	Nil	
78.0	END OF HOLE	467	70.0	75.0	5.0	Nil	
		468	75.0	78.0	5.0	Nil	

DIAMOND DRILL RECORD

Property Ferdinand Lake Option
 Claim No. KRL 716A2
 Collar
 Lat. 74° 1' N Dep. 18° 15' SW Elev. _____
 Bearing S 16° E Dip 45°
 Final Depth 77.0

Dip Tests		
Footage	Angle	
	Read	Corr'd

Hole No. A
 Core Size 7/8" (PACK SACT)
 Commenced OCT. 5, 1909
 Finished OCT. 9, 1909
 Logged by E. A. INNES

Footage	Description	Sample				MoS ₂ %	Assay	
		No.	From	To	Length			
0 - 77.0	<i>BIOTITE GRANITE - gneissic</i> <i>occasional specks of pyrite</i> <i>and chalcopyrite -</i> <i>3.4' - 1/2" of grey qtz - MoS₂ in walls</i> <i>9.3 - 1" " " " - MoS₂ in walls</i> <i>31.0 - 1/2" " " " - MoS₂ in walls</i> <i>37.4 - 1/4" " " " - MoS₂ in walls</i> <i>39.1 - 1" " " " "</i> <i>Directions of 45° - 80° to core.</i>	469	0.0	3.0	3.0	Nil		
		470	3.0	5.0	2.0	Nil		
		471	5.0	8.0	3.0	Nil		
		472	8.0	10.0	2.0	Nil		
		473	10.0	15.0	5.0	Nil		
		474	15.0	20.0	5.0	Nil		
		475	20.0	25.0	5.0	Nil		
		476	25.0	30.0	5.0	Nil		
		477	30.0	35.0	5.0	Tr		
		478	35.0	37.0	2.0	Nil		
		479	37.0	40.0	3.0	Tr		
		480	40.0	45.0	5.0	Nil		
		481	45.0	50.0	5.0	Nil		
		482	50.0	55.0	5.0	Nil		
		483	55.0	60.0	5.0	Nil		
		484	60.0	65.0	5.0	Nil		
		485	65.0	70.0	5.0	Nil		
486	70.0	75.0	5.0	Nil				
487	75.0	77.0	2.0	Nil				
77.0	END OF HOLE							

E. A. Innes

Gull Lake M.2218

AREA OF
CLAIM MAP
FERDINAND
LAKE

DISTRICT OF
KENORA
PATRICIA PORTION

RED LAKE
MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

- PATENTED LAND Ⓟ
- CROWN LAND SALE C.S.
- LEASES Ⓞ
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS —
- IMPROVED ROADS —
- KING'S HIGHWAYS —
- RAILWAYS —
- POWER LINES —
- MARSH OR MUSKEG —
- MINES —
- CANCELLED C.

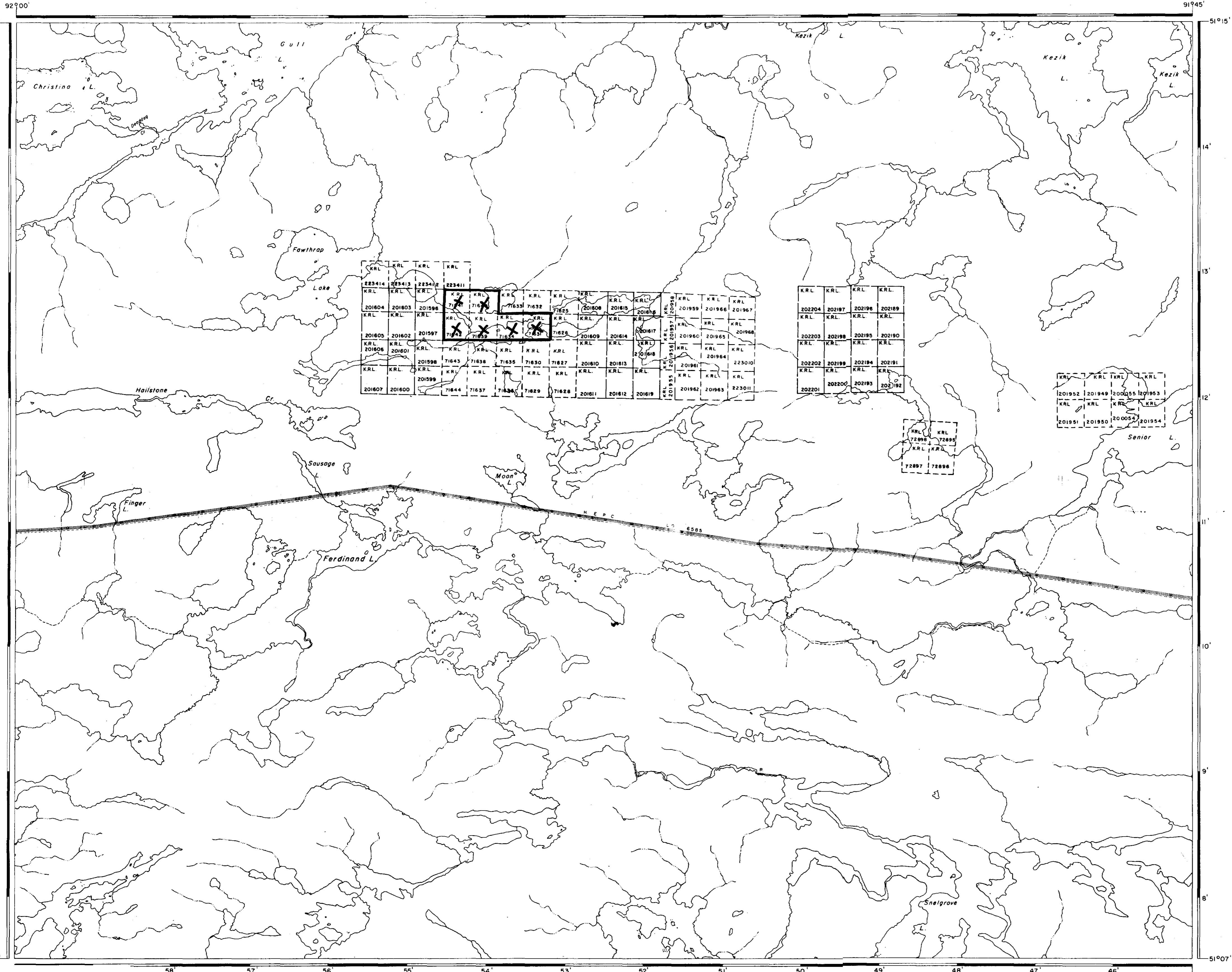
NOTES

400' surface rights reservation around all lakes and rivers.

PLAN NO. **M.2151**

DEPARTMENT OF MINES

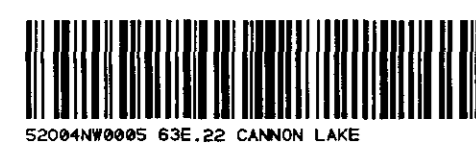
— ONTARIO —

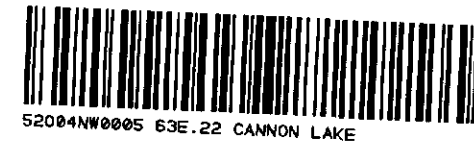
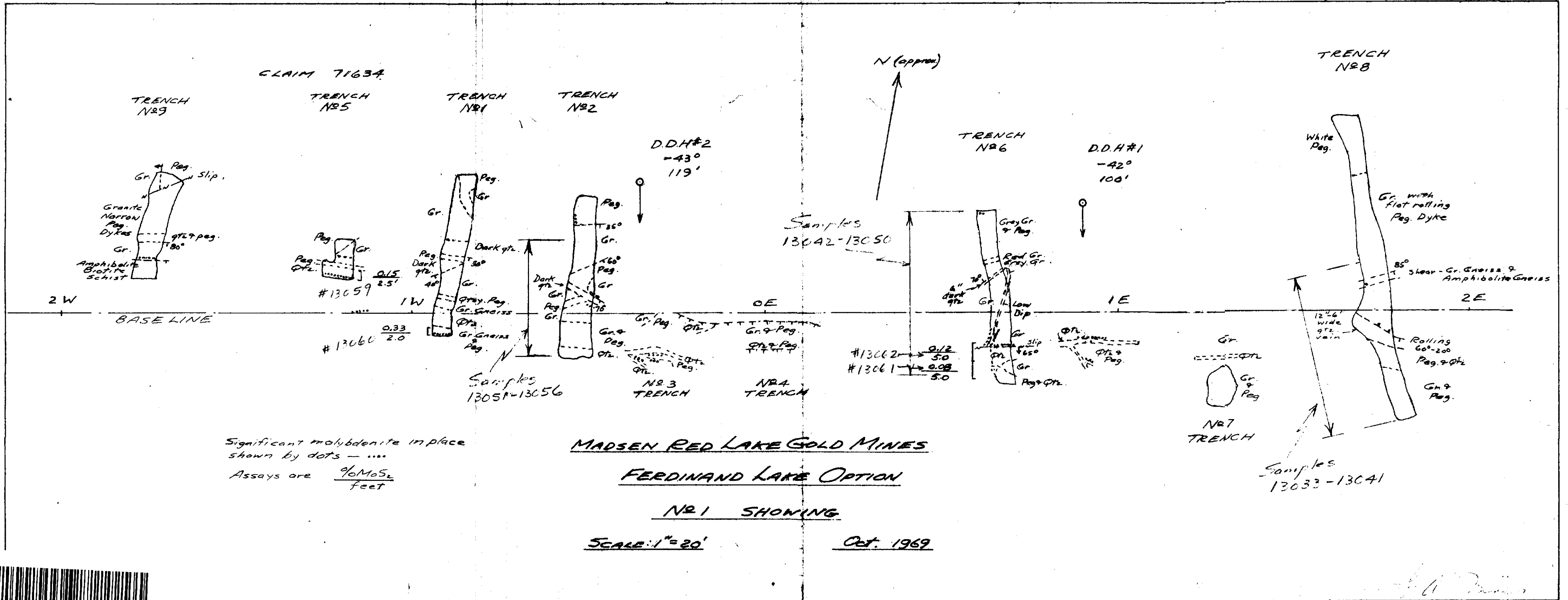


Hailstone Lake M.2688

Wesleyan Lake M.2221

Brokenmouth River M.2497





[Handwritten signature]

CLAIM 71642

Vertical Samples
Top to bottom
#13057 0.22
#13058 0.5
0.06
3.0'

Flatly east-dipping
2" qtz vein
with MoS₂ in
vein & on
contacts

TRENCH #10

Gr. Gneiss
Outcrop

D.D.H. #4

TRENCH #14

Gr. Gneiss

6" flat rolling
peg & qtz vein
with fair MoS₂
in vein & on
contacts
Vein on east wall of
trench only.
Vein up to 1 1/2 feet
thick at points of rolls.
Rolls plunge east.

7+00N

LINE 19W

TRENCH #13

narrow
1/2 - 3/4 qtz
veins in
granite
gneiss
Some MoS₂

1/2 - 2" flat rolling
qtz vein in this
section on both
walls & south face
Cons. MoS₂ along
this qtz vein.

TRENCH #11

TRENCH #12

Gr. Gneiss

Dark Schist & Peg

Dark Schist

2" - 4" peg & qtz veins with MoS₂

Two 6" - 8" Peg & qtz veins with MoS₂

DDH #3

0.49

5.0

0.45

5.0

0.25

5.0

0.39

4.5

13063-13066

0.20 #5303

1.0

0.10 #5304

3.0

N (approx)

Assays are - $\frac{\% \text{MoS}_2}{\text{feet}}$

Molybdenite denoted by dots

MADSEN RED LAKE GOLD MINES

FERDINAND LAKE OPTION

N#2 SHOWING

SCALE: 1" = 20'

Oct. 1969



52004NW0005 63E.22 CANNON LAKE

MADSEN RED LAKE GOLD MINES

FERDINAND LAKE OPTION

PLAN

SHOWING TRENCHING AND D.D. HOLES

SCALE: 1" = 100'

OCT. 1969

