

**LION NICKEL MINES OF CANADA LTD**  
**MCKENZIE RED LAKE GOLD MINES LTD.**

**DIAMOND DRILL CORE LOG**

*PEERLESS PROPERTY*

DP-21  
*May Innes*  
 to 113' depth  
 #19

**COLLAR CO-ORDINATES**

**Location** 109 DE. E

**Section** A 900

**LAT** 10900.26 **DEP** 2409.53

**HOLE NO.** 19

**TOTAL DEPTH** 110

**ELEVATION** 536.45

**SHEET NO.** 1

**FT. RECOVERED** 110

**AZIMUTH** N 24° 18' W **DIP** Flst

**DATE BEGUN** June 1/68

**% RECOVERY** 100

**HOR.** VERT

**DATE FINISHED** June 2/68

**SIZE BIT** AA

DEPTH FEET	FORMATION	SAMPLE NO.	OZ AU PER TON	OZ Ag PER TON	AVGS	SLUDGES <i>By Ag.</i>			
						SAMP. NO.	FROM	OZ. AU	VALUE
0	Gray, slightly altered								
16.0	granite. Chloritic alteration					1045	9/10	TR	TR
	to f.m. minerals & occasional								
	chlorite filled fracture.					1046	10/20	TR	TR
	Very slight bleaching in								
	places. Traces fresh					1047	20/30	TR	.06
	granite								
						1050	30/60	TR	.02
16.0	Gray, fresh granite.								
34.0	Few patches slight alteration.					1051	60/70	TR	TR
34.9	Light gray, lightly altered								
48.9	granite. Crystals blurred,					1052	70/80	TR	TR
	and slight bleaching. Few								
	patches light silicification					1053	80/90	TR	.20
	and occasional fracture								
						1054	90/100	TR	.06
48.9	Gray, fresh granite.								
57.5	little fracturing, & traces					1055	100/110	TR	TR
	pink feldspar.								
						1056	110/120	TR	.12
57.5	Light gray, lightly altered								
148.5	granite. Moderate bleaching					1057	120/130	TR	.10
	throughout, & little sil.								
	Considerable, irregular					1058	130/140	TR	.06
	fracturing in places, with								
	fine tiny white quartz					1059	140/150	.005	.22
	stages. Patches very light								
	py & arsenic in blaks					1060	150/160	TR	.10
	5% quartz. Scarce								
	py & arsenic. Cores	3571	TR	.06		1061	160/170	TR	.02
	badly broken up.								
	5% quartz. Stages	3572	TR	TR		1062	170/180	TR	.46
	very little mineral								
148.5	Light gray, slightly altered granite								
178.0	less alteration than previous section								
	little sil. Considerable chloritization								
	and fracturing								
178	End of Hole.								

LOG BY

*A.W.*