J.S. Cummings Inc.

D. Coles

LITHOLOGIC LOG

Project T9-R9 Lithologic **Hole no.** 99-4 **Dip** -45° **Started** 5/19/81 **Elev.** _____

Job no. 271 **Township** T9-R9 **Coord.** See Sketch 271-6 **Direction** 4° Mag. **Completed** 5/27/81

NW 1/4 - near Mooseleuk Mtn.

Depth	Lithotype
0' – 8'	Overburden
8' – 29'	Cherty Sediment, Siltstone or Chert - same as below
29' – 39'	Basalt - grey to grey-green color, blocky appearance with cal, qtz, chl veins and hematitic staining of the rock near these veins
39' – 109'	Cherty Siltstone or Chert - Same rock as the bottom of 99-2 and all 99-3, grey-white to grey-green to black color, layered, layers .05" to 3" and 90° to 40° <to the core axis, some fine gritty beds are present, most beds are hard, some softer ones are present
109' – 207'	Gabbro - greey-grey, fine to medium grained, feldspars up to .2", a chill margin is found at the contact of the gabbro and the cherty sediment, from 136' to 146' several short sections of fine grained, grey-black, soft material are found, dikes?
207'	Bottom of Hole

Depth scale: 0', 50', 100', 150', 200', 250', 300', 350', 400'

Depth scale: 400', 450', 500', 550', 600', 650', 700', 750', 800'

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SULPHIDE LOG

Project T9-R9 Lithologic Hole no. 99-4 Dip -45° Started 5/19/81 Elev.

Job no. 271 Township T9-R9 Coord. See Sketch 271-6 Direction 4° Mag. Completed 5/27/81

NW 1/4 - near Mooseleuk Mtn.

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
8	29	21'	<1	Pyrrhotite and Pyrite	
29	39	10'	Trace	Pyrrhotite	
39	48	9'	<1	Pyrrhotite	
48	48.5	0.5'	3%-5%	Pyrrhotite	
48.5	49.5	1'	1%-3%	Pyrrhotite	
49.5	50	0.5'	3%-5%	Pyrrhotite	
50	73.5	23.5'	<1	Pyrrhotite	
73.5	75.5	2'	1%-3%	Pyrrhotite, Trace Cu	
75.5	98.8	23.3'	<1	Pyrrhotite	
98.8	100	1.2'	1%-3%	Pyrrhotite	
100	109	9'	<1	Pyrrhotite	
109	199	90'	Trace	Pyrite and Pyrrhotite	
199	200	1'	<1	Pyrrhotite	
200	207	7'	Trace	Pyrrhotite	
Bottom of Hole					