

LITHOLOGIC LOG

Project Pratt Lake Hole no. PRL-2 Dip -45° Started 7/31/80 Elev.

Job no. 279 Township T11-R9 Coord. 279-5 Direction 156° Ma Completed 8/1/80

See Sketch

NE 1/4

	<u>Lithotype</u>
0'	Andesite or Dacite Fine grained, massive, dark grey colored calcite throughout the ground mass - Minor section magnetic
24'	Andesite-Basalt - Light grey-green colored - sections massive with calcite and chlorite amygdules - sections fractured with calcite & quartz in veins and chlorite and pyrite in veins & blebs - Minor lapilli agglomeratic sections (45'-49') (53'-54') Sections look similar to PRL-1 but alteration not as intense Last 6' medium grained, massive, dark grey-green
50'	
71'	Interlayered gritty tuffaceous sediment and graphitic shale - Gritty tuff has many quartz and feldspar fragments in a black graphitic matrix Graphitic shale - heavy graphite at times Layers between shale and grit are nice and sharp 70° to 80° to long core axis
100'	
140'	Bottom
200'	
250'	
300'	
350'	
400'	

Lithotype

550'
600'
650'
700'
750'
800'

Assays Pratt Lake - PRL-2

<u>HOLE #</u>	<u>DEPTH</u>	<u>% CaCO3</u>	<u>% SiO2</u>
PRL-2	67'	5.35	46.55

Length of Hole: 140'