

LITHOLOGIC LOG

Project Spectacle Grid Hole no. SPL-5 Dip Vert. Started 9/12/80 Elev. _____

Job no. 264.5 Township T10-R8 Coord. 81600N
14750E Direction _____ Completed 9/17/80

Lithotype

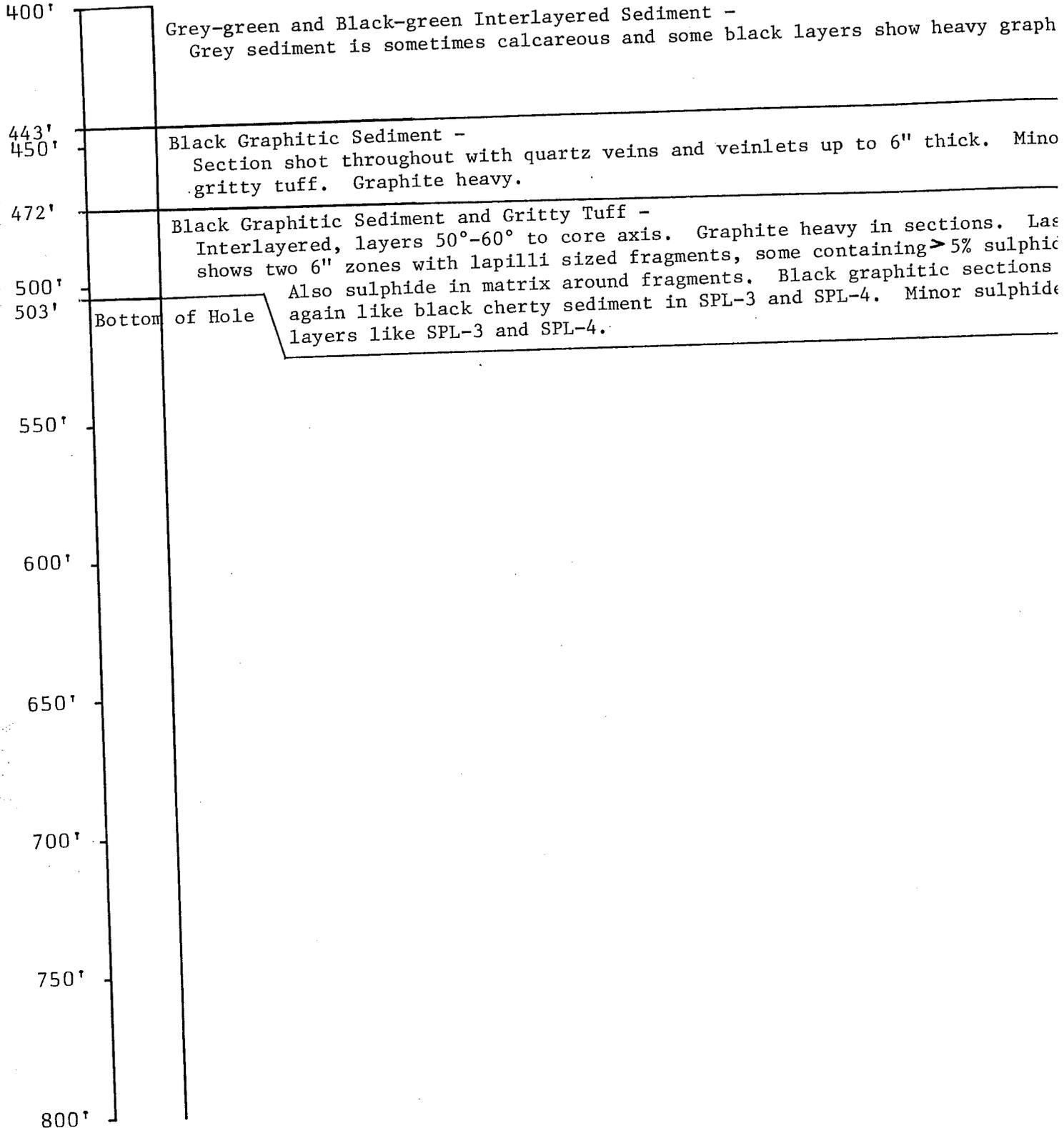
0'	Overburden
8'	Basalt - Medium to coarse grained (at lower contact), massive, green. Minor chlorite alteration. Magnetic - carbonate veins. Becoming coarser grained and have more carbonate in matrix last 20'.
50'	
100'	
110'	Cherty Sediment (or chert) and Minor Gritty Tuff - chert is grey colored; tuffs are greenish and not well layered
122'	
150'	Layered Iron Formation - Same as SPL-3. Cherty layers, gritty layers, and red hematitic layers. Magnetic in sections. Well layered, layers $\pm 70^\circ$ to core axis. Bands of chert make up about 40%.
192'	
197'	Same as 110'-122' but well layered
200'	
250'	Sericite and Minor Chert - Exhalite - Fine grained, layered in sections (15° - 45° to core axis shows much steeper than iron formation). Grey-green, minor black sections, some layering somewhat wavy and broken. Minor fractured chert toward end of section.
255'	
300'	Chert-Sericite-Exhalite - Chert layers up to 4" thick interbedded with fine sediment and some gritty (thin beds). Well layered, layers $\pm 70^\circ$ to core axis. Chert layers well sorted and filled with black material. Chert layers become less frequent toward end of section. 30% of core is chert bands.
312'	
338'	Well Layered Tuffs and Sediments - layers 1/4"-4", gradual change to less tuffaceous and more grey and green sediment. Layers still $\pm 70^\circ$ to core axis.
350'	Grey-green and Black-green Interlayered Sediment - from 338'-371' - well layered and grey colored sediment slowly turning black somewhat graphitic. from 371'-443' - interlayered like above but layers are wavy and broken.
400'	

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J. S. Cummings, Inc.

SPECTACLE
Hole SPL-5

SAMPLE NUMBER	DEPTH	% Zn	% Cu	% Pb	Oz/. Au	Oz/ Ag	% Fe	%
SPL-5	138'		None		Trace	0.3	9.5	
SPL-5	141'		None		Trace	0.6	11.8	
SPL-5	150'		None		Trace	0.1	9.5	
SPL-5	159'		None		0.005	0.2	14.7	
SPL-5	184'		None		None	0.4	9.5	

Length of Hole: 503'