

J.S. Cummings Inc.

LITHOLOGIC LOGProject T10-R8 Lithologic Hole no. 108-3 Dip -45° Started 9/2/81 Elev. _____Job no. 264 Township T10-R8 See Sketch
Coord. 264-38 Direction 336° Mag Completed 9/8/81

SW 1/4

Lithotype

0' 5'	Overburden
50'	Hematitic Siltstone - maroon color, locally with maroon chert layers, layers are at 0°-50° to core axis, calcite and quartz veins are present. 48'-56' - gritty tuff with some lapilli sized frags, layers are seen locally and are at angles of +35° to core axis, grit is in a matrix of maroon hematitic siltstone, similar to the rock just above the massive sulphide in CL-47
68.5'	Gritty to Lapilli Felsic Agglomerate - overall green-grey color with creme color to grey frags, fragment types include creme colored chert, rhyolite with plag. phenocrysts, siltstone and bright red chert in a chlorite matrix, the gritty sections tend to be altered *
100'	
110'	Hematitic Chert and Siltstone - orange pink to maroon in color, the rock is brecciated, fragments are found in a black-green chloritic matrix, layers are seen locally at angles of 10°-80° to core axis
146'	
150'	Hematitic Siltstone - with some chert layers, same as 5'-68.5', with layers at +60° to core axis
172.5'	Gritty to Lapilli Felsic Agglomerate - same as 68.5'-110' *
200'	
212'	Bottom of Hole
250'	
300'	
350'	
400'	

* Samples (exception at 100') show abundant lt. green sericite and quite a few qtz crystals. I would consider these as largely pyroclastics. Cracking and chlorite filling of pink cherts is probably related to pyroclastic activity and alteration; i.e., units 68.5'-110' and 172.5'-212'. - TCW

