C. E. Mattson

J.S. Cummings Inc.

LITHOLOGIC LOG

Project T8-R10 Lithologic **Hole no.** 810-4 **Dip** -45° **Started** 5/16/81 **Elev.** _____

See Sketch

Job no. 267 **Township** T8-R10 **Coord.** 267-2 **Direction** 336° Mag **Completed** 5/19/81

Central - on road to Reed Mtn.

Lithotype

0'

Overburden (Many boulders)

Calcareous Felsic Tuff - fine grained, lt. grey colored, frags of qtz and ash, some show chlorite alteration, black cherty frags of lapilli size might be broken layers of chert that have been incorporated into the tuff, chert like unit below, at contact gritty tuff and chert interlayered, matrix somewhat calcareous but not as strong as Ragged Mtn. tuff

39'

50'

64'

Black Chert or Cherty Siltstone - visible layers from 50°-80° to core axis, sections very black with graphite on fractures, qtz and calcite also on fractures, minor gritty tuff interlayered at both contacts

93'

Calcareous Felsic Tuff - same as unit 39'-64' except slight green color and matrix less calcareous

100'

103'

Black Graphitic Shale -
Heavily graphitic, more like CL area than 810-1, heavy graphite, grey calcareous shale, layers wavy and often times broken, pyrite nodules up to 1" in size

200'

233'

Bottom of Hole

250'

300'

350'

400'

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SULPHIDE LOG

Project T8-R10 Lithologic Hole no. 810-4 Dip -45° Started 5/16/81 Elev. _____

Job no. 267 Township T8-R10 Coord. See Sketch 267-2 Direction 336° Mag Completed 5/19/81

Central - on road to Reed Mtn.

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
39	64	25'	Trace		Minor Chlorite
64	93	29'	1%-2%		
93	103	10'	Trace		Minor Chlorite
103	233	120'	1%-2%		Graphite
Bottom of Hole					