J.S. Cummings Inc. C. Mattson

LITHOLOGIC LOG

Ragged Mtn. Extension Hole no. RMX-5 Dip -45° Started 11/22/80 Elev. _____

See Sketch Completed ~~11/23~~/80

2.2 Township T9-R10 Coord. 272-8 Direction 156° Mag.

SW 1/4 - Roads S & W of Ragged Mtn.

Lithotype

Overburden

Boulders

Greywacke or Gritty Tuffaceous Sediment -
Mostly fine grained sediment, grey-green colored with black mottling scattered throughout. Layers when visible are ±20° to core axis, most very soft and powder feels very talcy, possibly sericite. Minor felsic units at top of hole (fractured rhyolite < 6" and possibly a fractured dacite at 66'). Minor variations throughout the hole.

Bottom of Hole

NOTE: sample at 99' is a gritty tuff and I. Carlson describes a sample at 87' as a felsic tuff.

TCW

0'

50'

400'

D. Coles
Feb., 1982

J.S. Cummings Inc.

LITHOLOGIC LOG

t RMX-5 Re-Evaluation Hole no. _____ Dip _____ Started _____ Elev. _____

_____ Township _____ Coord. _____ Direction _____ Completed _____

Lithotype

Overburden

Entire hole is felsic tuff, fine grained to very fine grained, grey-green color with some darker sections. The matrix is clear and siliceous looking, hard to just scratched fine ash is seen floating in it. The grit is feldspar and quartz with minor hard black siliceous grit and some soft chloritic grit. At 63' is a 6" section of cracked rhyolite or welded tuff with Mn staining in the cracks. 141'-147.5' - very fine grained felsic tuff, soft, greasy feel, sericitic?.

Bottom of Hole

Layers .05" thick to 3"+?

Depth	Angle to Core Axis
51'	25°
68'	18°
77'	18°
85'	20°
100'	35°
107'	20°
137'	5°
147'	25°

C. Woodard
Feb., 1982

RE-EVALUATION

RMX-5

altered felsic tuff?,

sample at 99', is altered felsic tuff (TCW says gritty tuff) and IK Carlson describes sample at 87' as welded felsic tuff, drill log says greywacke or gritty tuffaceous sediment with minor felsic units at top of hole, not enough info from drill log or core in office to tell if drill hole is altered felsic tuff, binoc done at 99'

J.S. Cummings Inc.

C. Mattson

SULPHIDE LOG

Project Ragged Mtn. Extension Hole no. RMX-5 Dip -45° Started 11/22/80 Elev.

Job no. 272.2 Township T9-R10 Coord. See Sketch 272-8 Direction 156° Mag Completed 11/23/80

SW 1/4 - Roads S & W of Ragged Mtn.

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
57'	150'	93'	Trace		Sericite
	Bottom of Hole				