D. Coles

J.S. Cummings Inc.

LITHOLOGIC LOG

ct T10-R8 LITHOLLGIC **Hole no.** 108-7 **Dip** -45° **Started** 9/16/81 **Elev.** ____

See Sketch

no. 264 **Township** T10-R8 **Coord.** 264-38 **Direction** 156°mag **Completed** 9/17/81

SW 1/4 of T10-R8

Lithotype

0'

5' Overburden

Gritty Tuff, black-grey color, medium to coarse grit, which includes shale, black and cream chert, silisified siltstone and siltstone and plagioclase in a shale matri some lapilli fragments up to .5" are present

48'
50'

Shale, black, layered with layers at 10° - 50° to the core axis, and .05" to 4" thic layers commonly seem disturbed by soft sediment deformation. The change from the above gritty tuff to the shale is transitional starting at 38° with gritty tuff then grading to tuffaceous shale to shale, with some grit and lapilli fragments

100'

85.0' - 92.5' - gritty tuff, coarse grit and some small lapilli fragments in a shale matrix, quartz and some thick calcite veins are present

200'

220' Bottom

250'

300'

350'

400'

J.S. Cummings Inc.

SULPHIDE LOG

D. Coles

Project T10-R8 LITHOLOGIC Hole no. 108-7 Dip -45° Started 9/16/81 Elev. _____

See Sketch

Job no. 264 Township T10-R8 Coord. 264-38 Direction 156°mag Completed 9/17/81

SW 1/4 of T10-R8

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
15'	220'	205'	<1%	Pyrite	
				@ 45' are several vein fragments up to 1" x .5" with 60% pyrite	
				@ 70' is a vein fragment "V" shaped 15" thick x 3" long which contains ± 60% pyrite	