

GEOLOGIC LOG
CAPE ROSIER MINE
D. D. Hole 20

Collar: N 4305, E 4550
Elevation: 4

Course: N 54 W Mag.
Average Angle: 75°
Depth: 283 Feet

<u>From</u>	<u>To</u>	
0'-0"	40'-0"	Overburden. Lower few feet probably weathered diorite.
40	50	Diorite, weathered and jointed; core very broken.
50	60	Almost no core. Probably rhyolite.
60	138	Rhyolite. 60-68 Bleached light grey; aphanitic or vitreous uniform; fractured, and fracture filling leached; core much broken. 68-85 Black to dark grey, uniformly aphanitic to vitreous, with white-spot microlites; in part brecciated and bleached light grey. 85-138 Sheared at 40° to 45°; grey; lower part fractured, brecciated, bleached, vitreous.
138	171	Diorite; normal grey-green; chilled margins. At 159-160 Chlorite slickensides at 15-20°. At 163 Carbonate veins at 35°.
171	198	Rhyolite; light grey, mottled and streaked; interpreted as rhyolite brecciated, bleached, and sheared.
198	198-9	Diorite (?); very fine grained, uniform.
198-9	203	Agglomerate; light grey mottled and streaked somewhat with chlorite; this could be sheared agglomerate or sheared, bleached rhyolite.
203	203-9	Chlorite, black, schisted at about 50°.
203-9	206	Agglomerate? At 206 two 2 mm bands of sphalerite conformable at about 55° with schistosity.
206	257	Agglomerate, sheared and altered. 206-217 Considerable white carbonate and green-black chlorite. Core recovery poor.

Cape Rosier Mine, D. D. Hole 20 (Cont'd)

<u>From</u>	<u>To</u>	
	217-257	Grey, mottled and streaked, in part silicified, in part chloritized; some residual fragments; locally highly chloritic, as 247-249 which carried abundant coarse pyrite and much chalcopyrite; elsewhere disseminated pyrite; at 257 spots of sphalerite and chalcopyrite.
257	283	Agglomerate, still quite sheared, and chloritic, but increasingly coarse grained.
		Collar Angle 76°
		Survey 200' 74°

END OF HOLE