

GEOLOGIC LOG  
CAPE ROSTER MINE  
D. D. Hole 10

Collar: N 4030, E 4270  
Elevation: 13'

Course: N 50 W Mag.  
Average Angle: 40°  
Depth: 350 Ft.

<u>From</u>	<u>To</u>	
0'-0"	40'-0"	Unconsolidated.
40	48	Diorite, broken core.
48	80	Rhyolite, broken core.
80	105.5	Diorite.
105.5	119	Rhyolite. 105.5-110 Light gray rhyolite veined by white carbonate 110-119 Very dark gray rhyolite with small white feldspar laths (and crystallites?)
119	138	Rhyolite agglomerate, sheared and altered. 128 Several inches of several percent sphalerite and galena, and several inches of fairly heavy pyrite. 129 Dark and light streaked.
138	155	Rhyolite agglomerate.
155	167-	Rhyolite agglomerate, sheared, dark gray.
167	175	Rhyolite agglomerate, fragments an inch or more-light gray.
175	215	Sheared, schistose light gray talcy or chloritic rock, angle of schistosity with core axis 50°. Probably sheared rhyolite agglomerate. 207 - 208 Bands of heavily disseminated pyrite, some minor sphalerite and chalcopyrite with black chloritic material, bands form angle 50° with core. Several percent zinc.
215	225	Rhyolite agglomerate, very dark gray, chloritic or talcose sheared, schistose. Many residual fragments present.

Cape Rosier Mine, D. D. Hole 10 (Cont'd)

<u>From</u>	<u>To</u>	
225	229	Rhyolite agglomerate, light gray, sheared and silicified. Several spots of sphalerite, chalcopyrite <del>for</del> an inch or so to several percent zinc.
229	305	Rhyolite agglomerate with various kinds of rhyolite as fragments, especially certain 255-300. Sheared and schistose, light and dark streaked but not heavily, numerous scattered residual fragments several mm. across to 255', then the fragments become larger (2" etc.) with fragments again becoming smaller toward 305'.
305	350	305-318 Sheared, schistose, light gray streaked chloritic or talcose. The lamination nearly 90° to core axis. 318-350 Chlorite schist, very dark gray-green chloritic, uniformly dark - not streaked - (old log "shaly material"). Very sparse diss. pyrite. Foliation breaks across core at 80° to axis of core. Several spots of pyrrhotite near 350.

Angle of Hole:

At 0': 38°  
At 350': 41°