

CORE DESCRIPTIONS

REX CLAIM GROUP

Polar Lake Area

Whitehorse Mining District Yukon Territory

D. D. H. #2 (Polar Lake)

Dip: -71°

Depth: 0-315'

Brg: 035°T

Rec. 88%

Location: 5+80S, 23+57W

0-71' Overburden

(Eagle geophysics Survey)

- 71'-113' Quartz monzonite, dark grey to greenish-grey, fine to medium crystalline. Very sparsely scattered fine crystalline inclusions of magnetite and chalcopyrite throughout. Numerous oblique fractures filled with brown and cream-white calcite and a few partially open fractures lined with calcite and limonite.
- 113-175 Quartz monzonite, greenish-grey, fine crystalline, slightly calcareous. Sparsely scattered chalcopyrite and pyrite grains. Numerous vertical and oblique fractures partially filled with calcite and few small pyrite crystals. Sparse epidote and chlorite.
- 175-230 Quartz-hornblende diorite, dark greenish grey to dark grey, fine to medium crystalline, slightly calcareous. Sparse fine crystalline chalcopyrite and pyrite throughout. Filled and partially filled fractures as above. Sparse epidote.
- 230-276 Quartz-monzonite, dark greenish-grey, medium crystalline. Very sparse chalcopyrite.
- 276-280 Quartz-hornblende diorite, dark greenish-grey, medium crystalline. Very sparse chalcopyrite. Fairly abundant biotite.

285-315 Quartz monzonite, dark grey to greenish-grey, fine crystalline. Sparse chalcopyrite grains throughout. Few thin stringers of quartz-hornblende diorite cut core at oblique angles. Interval becomes more coarse crystalline and friable towards base of core. N.B. Hole was stopped in a "sand seam" which appears to consist of strongly altered, decomposed, soft diorite along a shear.