

2850 0014

PROPERTY NAME: Unnamed Shaft

OTHER NAMES: _____

MINERAL COMMODITY(IES): Ag?TYPE OF DEPOSIT: Porphyritic dike in dolomite, shear zones.

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: Small to none.

HISTORY: _____

County: White Pine Item 14Mining District: HunterAMS Sheet: ElyQuad Sheet: Aurum 3 NWSec. 3?, T 20N, R 62E

Coordinate (UTM):

North 4 3 8 8 0 2 0 mEast 0 6 7 3 2 9 0 mZone +11DEVELOPMENT: Partially caved shaft, a few shallow (~1' deep) prospect.ACTIVITY AT TIME OF EXAMINATION: (None) Noranda active (mapping in area) on nearby Gin claims.

GEOLOGY: On traverse across north protruding knob toward shaft, we crossed a N20-30 E striking intrusive dike. Dike rock contains smokey quartz phenos in a silicified & altered groundmass. Groundmass contains feldspar & mafics that are altered to clays & FeOxs.

Dike outcrops in rubble zone 20' feet wide. However, an extensive area is covered by intrusive float indicating the existence of more dikes upslope.

Near shaft is dark grey silicified limestone with minor calcite veining. 60-70' below shaft to W is a N20E dike. Shaft itself explores quartz monzonite porphyry with coarse (up to 1/2" long) alkalia feldspar phenos, smokey quartz & unaltered biotite & hornblende. Also occur as fine-grained phenos. Plag phenos are kaolinitized. The groundmass is altered to clay & FeOxs. No sulfides observed.

Porphyry is brecciated in part, possibly due to post-intrusive shearing.

Limestone is probably part of Devonian Guilmette or Simonson & Sevy Dolomite.

REMARKS: Sample 881 - Altered porphyry. FeOxs (from magnetite?)
No photo.

REFERENCES: _____

EXAMINER: Bentz/SmithDATE VISITED: 7/13/81