

4820 0009

PROPERTY NAME: Gold Crest Claims
 OTHER NAMES: Hidden Property
 MINERAL COMMODITY(IES): Au, Ag, Sulfides
 TYPE OF DEPOSIT: Vein
 ACCESSIBILITY: Main road adjacent to workings
 OWNERSHIP: Unknown
 PRODUCTION: none
 HISTORY: Unknown

County: Esmeralda
 Mining District: Tokop
 AMS Sheet: Goldfield
 Quad Sheet: Gold Point 7 1/2'
 Sec. 27, T 7S, R 42E
 Coordinate (UTM):
 North 4 1 2 7 8 9 0 m
 East 0 4 7 7 1 9 0 m
 Zone +11

DEVELOPMENT: inclined shaft, shallow surface workings, trenching upslope

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Workings appear to be exploratory following a N40W ^{with a steep southerly dip,} 4 inch wide quartz vein which is brecciated on either side, cutting the PG Wyman Formation. Bedding in slate/shale either destroyed or not obvious. Vein is crushed and appears to mark a 3-6 foot wide shear zone trending N65W. Abundant MnO₂ and psilomelane coat the host rocks, vein, and shear zone. Minor jarosite observed along fractures (or hematite stained drusy quartz). Pyrite ghosts and oxidized grains were interspersed throughout the quartz along with minor malachite. The vein was traceable for over 100 feet upslope where it appeared to veer N80E and follow the bedding plane between mud/siltstone and platy shale. There the vein begins to finger out into stringers after attaining an observable width of at least 5 feet along the fault. Upslope the vein has been trenched for exploration. There the sediments steeply dip south and strike due East-West with the quartz vein/shear zone following the bedding planes. The quartz carried oxidized pyrite, few grains of galena, minor copper along surfaces and filling open spaces. Jarosite and psilomelane also coat fracture surfaces. Shale fragments were observed in the quartz vein. Remains of screening equipment were scattered about. Sample 1176 taken from lower shaft and 1177 taken from trench above.

REMARKS: Sample Site 1176 4127890N 0477190E
 1177 4127910N 0477150E

REFERENCES:

EXAMINER: Smith/Bentz

DATE VISITED: May 6, 1983