

4710 0003

PROPERTY NAME: Sample locations 1550 & 1570OTHER NAMES: (Probably part of High Top claims), Gold Prospect # 3,MINERAL COMMODITY(IES): Cu, Fe, W?, Au?TYPE OF DEPOSIT: Contact

ACCESSIBILITY: _____

OWNERSHIP: High Top Claims = Meshi & McKnight (George Meshi,
Elko, NV)

PRODUCTION: _____

HISTORY: _____

County: ElkoMining District: Swales Mtn.AMS Sheet: WinnemuccaQuad Sheet: Swales Mtn. 7 1/2'Sec. 8, T 35N, R 53E

Coordinate (UTM):

North 4 5 3 1 7 2 0 mEast 0 5 8 1 7 5 0 mZone +11DEVELOPMENT: Sample location 1550 A & B is shaft shown on map. Sample location 1570 is a caved
adit which trends S10W. Several south-trending adits & a few prospects are found along
slopes of drainage in this area.ACTIVITY AT TIME OF EXAMINATION: None, although staking & flagging indicate some work was done 3-5 years
ago.GEOLOGY: Resistant, blocky outcrops of quartz monzonite porphyry trend in a general N-S
direction on ridgecrest above sample locations. Porphyry outcrops about 30' above shaft.
In hand sample the rock is light beige in color, medium to coarse grained with scattered
quartz "eyes" & hornblende & biotite phenocrysts. The rock is weakly propylitized as the
matrix contains clots & lenses of chlorite & epidote.The workings are developed in Devonian limestones which have been altered by the
Tertiary intrusive. The workings mostly lie within several tens of meters from the contact
between the two units.Samples 1550 were collected from the shaft which is steeply inclined along a
N20W, 65W mineralized skarn zone. The zone is about 3-4' wide & contains abundant
Fe, Mn & CuOxs in addition to clay or gouge-like material (resulting from shearing ?
or hydrothermal alteration of the wallrocks). The mineralized zone is part of a wider
zone of silicification in which the carbonates are altered to a quartz-epidote-diopside-
garnet (both green & red) skarn. The skarn is typically sugary in texture & shows a
marly appearance. Euhedral crystals of quartz & epidote fill fractures & vugs in the
silicated host.Just below & NW of the shaft is an adit which is adjacent to the contact & explores
a similar mineralized zone. The bedding of the replaced limestone is still preserved.
The beds are 1-3' wide & strike N35W, 55SW. The rock on the dump is a marly skarn with
irregular clots & lenses of malachite, chrysocolla, specularite & more minor
chalcopyrite & pyrite. (sample 1570)Both examples were lamped for scheelite but none was observed.REMARKS: Samples 1550 A & B - Clay "gouge" & skarn with CuOxs & FeOxs from shaft.
1570 - Skarn with specularite & sulfides.Photo

REFERENCES: _____

EXAMINER: Bentz/SmithDATE VISITED: 8/12/82