

4-710 0010
PROPERTY NAME: Bad Apple claims

OTHER NAMES:

MINERAL COMMODITY(IES): Cu

TYPE OF DEPOSIT: Contact

ACCESSIBILITY:

OWNERSHIP: Bad Apple = Jon Scott

PRODUCTION:

HISTORY:

County: Elko

Mining District: Swales Mtn.

AMS Sheet: Winnemucca

Quad Sheet: Swales Mtn. 7 1/2'

Sec. 6, T 35N, R 53E

Coordinate (UTM):

North 4 5 3 2 8 6 0 m

East 0 5 8 0 1 0 0 m

Zone +11

DEVELOPMENT: Three adits, only one of which was sampled. Sampled adit is caved & trends to the SW.

ACTIVITY AT TIME OF EXAMINATION: None, not for a long time.

GEOLOGY: Adit visited is in contact zone between siliceous, silty mudstones of the Ordovician Vinini Fm. & altered Tertiary quartz porphyry. The sediments outcrop on the SE side of the portal. The beds strike approximately N20E, 55SE & are fractured & Fe-stained. A weathered patch of intrusive rock is exposed next to the sediments. The intrusive is beige in color, has a very finely crystalline groundmass & contains fine biotite crystals & large quartz & K-spar phenocrysts. The porphyry on the dump & in outcrop is altered. The alteration ranges from kaolinitic to silicic. Some pieces of porphyry from the dump are bleached & show random veinlets of punky Fe & Mn oxs.

Sample 1576A consists of the altered sediments which contain clots & fine veinlets of Cu & FeOxs. Sample B is of the altered intrusive from outcrop.

Below the workings are several bold outcrops of Fe-stained quartz porphyry. There are probably several dikes which extend from main body into the adjacent sediments not shown on geologic map of this area.

REMARKS: Sample 1576 A
1576B

Photo

REFERENCES: USGS Map I - 667, 1971

EXAMINER: Bentz/Smith

DATE VISITED: 8/12/82