

3980 0005

PROPERTY NAME: Falcon Mine
 OTHER NAMES: April Fool Group, Staggs & Quilici?
 MINERAL COMMODITY(IES): silver, Hg?, Cu?
 TYPE OF DEPOSIT: Epithermal quartz & breccia vein, fault

ACCESSIBILITY: _____

OWNERSHIP: Patented

PRODUCTION: _____

HISTORY: _____

County: ElkoMining District: Rock CreekAMS Sheet: Mc DermittQuad Sheet: Mt. Blitzen 15'Sec. 13, T. 40N, R. 49 E

Coordinate (UTM):

North 4 5 7 6 9 0 0 mEast 0 5 5 1 0 5 0 mZone +11

DEVELOPMENT: Workings as shown on map plus recent cuts and trenches. This appears to be the major working (most extensive) in the district.

ACTIVITY AT TIME OF EXAMINATION: None, at time of field exam but main adit has been cleaned out in last year.

GEOLOGY: Quartz vein breccia in altered volcanic rock. Hydrothermal origin, probably epithermal. Breccia fragments consist of black chalcedony usually with pyrite and silicified volcanic rock fragments. Breccia is occasional vuggy, + fine disseminated pyrite in quartz vein fragments, ^{which are} brecciated and cemented by quartz. Also thick massive chalcedony (up to 1' wide) as observed in mine dumps. Minor bornite and more common specular hematite. Host is altered beyond identification.

Sample and description taken from large dump near major shaft.

Rock on dump is similar to sam. loc. 1594 & 1593. Area surrounding workings consists of altered volcanics which are notably bleached & silicified. Some bedded Ordovician cherts & quartzites crop out along road about 1 mile south of mine. Size of dumps at workings indicate vein deposits where explored to great depths. Workings occur across canyon to north & indicate vein trend may be N-S.

REMARKS: Sample 1595Photo

REFERENCES: _____

EXAMINER: Brooks/Bentz/SmithDATE VISITED: 8/17/82