

2480 0014
PROPERTY NAME: Fox Mine
OTHER NAMES: Pangburn Property (see Bailey and Phoenix, 1944, p. 58
MINERAL COMMODITY(IES): Hg pl. 2)
TYPE OF DEPOSIT: Opalite.

County: Elko 62 Item 15
Mining District: Ivanhoe
AMS Sheet: McDermitt
Quad Sheet: Willow Creek Reservoir
NW/4 SE/4 7-1/2
Sec. 25, T 38N, R 47E

Coordinate (UTM):
North 4 5 5 4 2 2 0 m
East 0 5 3 2 5 8 0 m
Zone 11

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

DEVELOPMENT: 2 shafts, several pits and trenches; also a drill hole.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Cinnabar occurs in gray to white opalite and opalite breccia which appears to be concentrated along a N45E, 90° fault? zone in tuffs. The zone is probably over 100 m long and 5-10? m wide. The wallrocks are cream tuffs of probably ash-flow origin. Glassy tuff with welded shards is present locally in the wallrocks; small, sparse pumice (2-3 mm diameter) is usually not compressed. The only wallrock alteration notable (other than opalization within the zone) is possible zeolitization? of the tuffs.

REMARKS: Photo G823-5 is of an old headframe (with Blazer in foreground).
Sample 468 is of select cinnabar-rich opalite.

REFERENCES:

EXAMINER: L. J. Garside

DATE VISITED: 17 Aug 82