

1860 0020

PROPERTY NAME: F &amp; L Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Hg

TYPE OF DEPOSIT: Opalite

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: Several flasks (to 1942)

HISTORY: Disc in 1934, production 1936, 1941.

County: Esmeralda (89) Item 21  
Mining District: Fish Lake Valley

AMS Sheet: Mariposa

Quad Sheet: Davis Mt. 15'

Sec. 36, T 1N, R 33N

Coordinate (UTM):

North 4 1 9 5 3 0 0 m

East 0 3 9 0 7 6 0 m

Zone +11

DEVELOPMENT:

ACTIVITY AT TIME OF EXAMINATION: U.S. Steel Co., active, doing geol. mapping, U.S.B. M. geol. on property at time of visit - doing survey for Wilderness program.

GEOLOGY: Opalite material exposed in several benches of pit that occupies top of rounded hill. Entire top of hill appear to have been a hot springs conduit, apparently controlled by N30°E shear zone, zone is about 400'-600' wide, now occupied by soft, leached rock w/fluffy silica in open spaces, some Hg mineral (cinnabar & Hg chlorides) on fracture coatings, clear silic coats Hg minerals. Main structures in pit are N30°E, 65°NW (major); N40°E, 65°SE, N10°W, 65°SW. Major shear appears to be N30°E, with N10°-20°W an important cross-structure. Are areas of soft, fluffy silica, as pipes, around blocks of opalite material.

Sample 1242

Photos.

REMARKS:

REFERENCES:

J.V. Tingley

EXAMINER:

8/82

DATE VISITED: