0490 0095

PROPERTY NAME: Stampede Mine

OTHER NAMES:

MINERAL COMMODITY(IES): Tq

TYPE OF DEPOSIT: Fracture filling (along bedding planes)

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: See Crib

HISTORY:

County: Elko

Mining District: Beaver

AMS Sheet: McDermitt

Quad Sheet: Lake Mtn. 7 1/2'

9?

Sec. Unsurveyed T 38N, R 52E

Coordinate (UTM):

North 4 5 5 9 8 7 5 m

East 0 5 7 1 6 7 0 m

Zone +11

DEVELOPMENT: Open pit type working consists of benched slope & trenches oriented in a NE-SW direction. Old trailers & equipment on property.

ACTIVITY AT TIME OF EXAMINATION: None recently.

GEOLOGY: Several long trenches explore a sequence of siliceous sediments consisting of cherts & siltstones interbedded by layers of platy shales. The bedded sediments are probably part of the Ordovician Vinini Fm. Most of the beds exposed in the pit range from thin to medium thickness(1') & strike N20E, 25NW. In places the beds undulate & are disturbed by a few high-angle faults. Bleaching of the sediments occurs locally.

On the upper benches, Fe-stained dark grey siltstones show jarosite crystals developed on fracture surfaces. On the lower benches, light grey siltstone & shales contain fracture coatings & irregular pods, lenses & veinlets of light blue to dark blue siliceous turquoise. The turquoise is secondary as it appears to have been deposited along pre-existing fractures. Many of the Fe-stained cherts & siltstones are fractured & show calcite on fracture surfaces. An unusual, yellow radiating mineral (not id.) is intergrown with the jarosite.

Sample 1589 A & B

Photo.

REMARKS: Other workings exist north & south of this mine along the eastern range front. These workings were not visited since, according to Keith Papke, they are barite operations.

REFERENCES:

EXAMINER: Bentz/Smith

DATE VISITED: 8/16/82