1770 0005

(72)

PROPERTY NAME: Tex Claims

OTHER NAMES:

MINERAL COMMODITY(IES): Mn, Ag?

TYPE OF DEPOSIT: Replacement (bedding), fault

ACCESSIBILITY:

OWNERSHIP: Golden Triangle Exploration, located by Wayne Cole, Box 187, Pioche, NV on Feb. 25, 1982.

PRODUCTION:

HISTORY:

County: Lincoln Item 5

Mining District: Ely Springs

AMS Sheet: Caliente

Quad Sheet: Ely Springs 7 1/2'

Sec. Unsurv., T 1N, R 65E

Coordinate (UTM):

North 4199970 m

East 0703500 m

Zone +11

DEVELOPMENT: Main working is shaft inclined S50E & about 20' deep. Two small prospect pits lie along strike of replacement zone about 50-60' E of shaft. Old campsites in area.

ACTIVITY AT TIME OF EXAMINATION: Most recent sign of activity is staking.

GEOLOGY: Main working is short inclined shaft which explores a Mn-rich silicified fault zone in limestone. The host rocks are interbedded medium-crystalline, marly brown limestones which forms beds of medium thickness & finely crystalline, thinnly bedded, grey limestones belonging to the Cambrian Mendha Limestone Fm. The rocks are locally faulted, but at shaft appear to parallel a NW or E-W striking(?), 20-25 SW or S dipping replaced fault zone. The mineralized zone as exposed in the shaft is about 5' in width, black in color because of the presence of abundant wad & Mnoxs & contains some limonitic gossan lenses & breccia(?) fragments of white & black calcite. Zone is brecciated & silicified. On NE side of shaft there is a resistant outcrop of limestone breccia cemented by silica & Mnoxs. This is probably the discovery outcrop as remainder of area is covered by limestone rubble & fault zone is not well exposed along strike. Replaced zone probably continues at depth beyond mined portion since bottom of shaft was still in Mn-rich rock. Breccia fragments of silicified limestone, black calcite & wad occur throughout zone.

East of shaft, two prospects occur in medium (1-2' thick) beds of marly brown limestone. The limestone beds strike N45W & dip 25NE. Limonite-stained, silicified replacement zones cut the rocks parallel to bedding. One zone about 3' in width was brecciated & filled with limonite, Mnoxs, hematite, clay & calcite. Remobilized pods of veins of white calcite are common within zone. Altho strike of bedding at prospects is generally conformable with that seen at mine shaft, the dip of the beddng is opposed. Also Mn is less abundant in rocks at small prospects, indicating main replacement zone seen at shaft does not continue along strike to prospects, possibly truncated by fault located between shaft & prospects or because of its' gentle dip, extends below depth of shallow workings.

REMARKS: Sample - 1717 - Wad & manganosiderite with vugs filled with pyrite, arsenopyrite?, pyrolusite, quartz & calcite. Ore is vuggy, slightly magnetic, dense.

REFERENCES: USGS PP 171
NBMG Bull. 73.

EXAMINER: Bentz/Smith

DATE VISITED: 9/15/83