3150 0010

(97)

PROPERTY NAME: Radio Tower Shaft

OTHER NAMES:

MINERAL COMMODITY(IES): Au, Sulfides

TYPE OF DEPOSIT: Vein/breccia

ACCESSIBILITY: Drive up to microwave station and hike down, easy hike (except where you slide on shale)

OWNERSHIP: Unknown

PRODUCTION: Unknown, very small if any

HISTORY: Unknown

County: Esmeralda Item 90

Mining District: Montezuma

AMS Sheet: Goldfield

Quad Sheet: Split Mountain 7 1/2

Sec. 3, T 3S, R 41E

Coordinate (UTM):

North 4 1 7 2 5 3 3m

East 0 4 6 6 0 7 5m

Zone +11

DEVELOPMENT: Single inclined shaft, remains of hoist, couple of prospect pits

ACTIVITY AT TIME OF EXAMINATION: None, hasn't been for a long time

GEOLOGY: Working is single inclined shaft, trending S65E, approximately 45° following what is mapped as a thrust fault between the Harkless Formation (G), upper plate, and the Deep Springs Formation (PG), lower plate. The fault zone is at least 5 feet wide at the site. The upper plate is thinly bedded, silicious seds (mud/siltstone), locally metamorphosed to shale and phyllite. The lower plate is brecciated, dark grey limestone, cemented with milky white, massive calcite. Both plates are abundantly stained with FeOx. The rocks at depth appear to be silicified limestone with very fine grained fresh pyrite crystals disseminated throughout. Quartz veins also appear, very fine grained, with abundant open spacing. Some of the breccia from depth include quartzite fragments. Minor gossan with phyllite grading into schist. Some of the quartz fragments in breccia is milled.

REMARKS: Sample Site 1289

REFERENCES:

EXAMINER: Smith/Bentz

DATE VISITED: May 8, 1983