

2870 0030

PROPERTY NAME: Dipper Claims (PATENTS)

OTHER NAMES: _____

MINERAL COMMODITY(IES): Cu, Pb, Zn, (Au, Ag?)

TYPE OF DEPOSIT: Shear zone - fault zone

ACCESSIBILITY: via Paymaster Canyon road leading west from Tonopah

OWNERSHIP: Unknown

PRODUCTION: Unknown

HISTORY: Dipper patented claims (Dipper, Dipper2, and Dipper3) were patented in 1906 by Herman Reischke.

County: Esmeralda Item 43 96

Mining District: Lone Mountain

AMS Sheet: Goldfield

Quad Sheet: Paymaster Canyon 7 1/2

Sec. 31, T 2N, R 41E

Coordinate (UTM):

North	4	2	0	3	6	5	0	m
East	0	4	6	4	0	7	0	m
Zone	11							

DEVELOPMENT: Several shallow shafts, small prospect pits.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Pre-cambrian Harkless (?) fm. Crops out over most of claim group. Rocks are folded, generally strike NW, and dip NE. Southwestern part of claim area is underlain by a Tertiary(?) granite which has intruded and metamorphosed the older sediments. Limestone lenses within the Harkless have locally been converted to garnet-epidote tactite.

Old workings expose shear zones which have cut both tactite and granite in several areas. On the Dipper patents, a N30°W, 47°SW shear zone is exposed in two shafts about 1000 feet apart, the zone is about 3 feet wide and contains smithsonite, cerrusite, Cu oxides and carbonates.

About 1500' SW of Dipper shaft, another shallow inclined shaft opened a N65°E, 70°SE shear zone. A gossan formed on the zone contains Fe Oxides, chrysocolla, chalcocite, melaconite. The zone cross-cuts garnet-epidote tactite formed in meta-limestone lenses in the Harkless fm.

North west of the Dipper(2) shaft, a shallow shaft was sunk on a flat-dipping quartz vein which has been cut by a near-vertical shear zone. Some smithsonite & sphalerite is present at this prospect. The quartz vein cuts a med to coarse grained granite(Tertiary?) which intrudes the Harkless fm. The granite is cut by aplite dikes, thin pegmatites, and dull-white quartz veins. Some pegmatites contain considerable K-feldspar, one area has large pseudomorphs of limonite - after - pyrite(up to 1" across).

REMARKS: _____

REFERENCES: 1) Tingley, J.V., 1979, Field examinations

2) Albers, J.P., and Stewart, J.H. 1972, Geol. & Min. Deposits of Esmeralda Co.,

Nevada: NBMG Bull. 78

J.V. Tingley

10/23/79

EXAMINER: _____

DATE VISITED: _____