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.

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, cerussite, 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, malachite. 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).

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

EXAMINER: J.V. Tingley

DATE VISITED: 10/23/79