0530 0010

(215) Item 12

PROPERTY NAME: Arizona Mine

OTHER NAMES:

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

TYPE OF DEPOSIT: Vein in sediments

ACCESSIBILITY: Good dirt roads north and east of the town Belmont on the eastside of Toquima Range.

OWNERSHIP: Patented

PRODUCTION: Reported to be $493,779

HISTORY: Main period of activity between 1868 to 1874.

County: Nye

Mining District: Belmont

AMS Sheet: Tonopah

Quad Sheet:

Sec. 36, T 9N, R 45E

Coordinate (UTM):

North 4 2 6 9 7 4 0 m

East 0 5 1 2 2 7 0 m

Zone

DEVELOPMENT: A shaft that is not accessible because of caving and flooding.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: In carbonate sediments of Ordovician age that have been uplifted and intruded by granites of Cretacous age. The workings are along the Transylvania fault-vein system that strikes about N 20W and dips from 30-40Ne. The sediments are partly silicified and metamorphosed and cut by both N-S and E-W veins. At depth the main transylvania vein was reported to pinch and swell from a thickness of several feet to 20 feet. Mineralization within the ore was reported to be Steefeldite an antimonial silver sulfide, the main silver ore. Sample 2036 included visable copper, lead, zinc and silver chlorides. Assay values were high in Copper, lead zinc, silver, antimony with minor molybdenum. A rich zone of cerargyrite and stromeyrite was mined early from near the surface. Molybdenite occurred locally in portions of the vein and wulfenite in the more oxidized upper section was reported.

REMARKS: A recent geochemincal studey of the district Nevada open-file 85-263

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 9-22-85