

1910 0023

(229) Item 26

PROPERTY NAME: Downeyville Mine

COUNTY: Nye

OTHER NAMES: Alexander, Lizzie Downey claims

MINING DISTRICT: Gabbs

MINERAL COMMODITY(IES): lead, silver

AMS SHEET: Tonopah

TYPE OF DEPOSIT: replacement

QUAD SHEET: Paradise Peak 15'

ACCESSIBILITY: via good dirt road north from
Brunton Pass road

SEC: 11 ,T: 12N ,R: 36E

OWNERSHIP:

COORDINATE(UTM):

PRODUCTION: \$80,000 recorded, 1875-1887;
\$7-\$10 million claimed

NORTH: 4307250m:

EAST: 0422350m:

ZONE: +11

HISTORY:

DEVELOPMENT: Several shafts, open stopes, cuts, and shallow dog holes on pipe-like gossan zones in limestone, one wooden headframe remains.

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Mining was apparently done along pipes and chutes that followed bedding plane-fracture intersections. Bedding in limestone is N30W, 55-60SW dip, limestone displays mottled appearance, with bleached, white marble zones as steaks along bedding or as irregular, random patches. White marble outcrop near the main shaft is dotted with 1/16"-1/8" hematite after pyrite cubes giving the appearance of maroon speckles. A small outcrop of altered intrusive rock occurs just northwest of the old shaft area. Shear zones seen in the various workings near the old shaft trend east-west, N40-50E, some follow bedding and dip 30-50SW. Most of the gossan seen on the dumps is fluffy, hematite-rich, without definite box-works structures. Wulfenite was found in one area on the main dump, as well as one area of massive pyrite and sphalerite.

REMARKS: The streaky, white zones of marble are one of the most pronounced features of this district. They do not seem to exactly follow the gossan zones exposed by mine workings, however. Samples 2216, 2217, 2218 were taken from the main dump area.

REFERENCES:

EXAMINER: JVT

DATE VISITED: 5/7/86