

3540 0010

PROPERTY NAME: Silver Butte Mine (Wildgoose Vein)

OTHER NAMES: Butte Mine

MINERAL COMMODITY(IES): Silver

TYPE OF DEPOSIT: Vein, shear zone

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION: Est \$1,520,000 1879-1890, 1936 (Includes Paradise Mine)

HISTORY: Disc. in 1868, originally worked by Paradise Mining Co.

County: Humboldt

Mining District: ~~Spring City~~ Paradise

AMS Sheet: McDermitt

Quad Sheet: Spring City 7 1/2'

Sec. 22, T 43N, R 40E

Coordinate (UTM):

North 4 6 0 4 0 2 0 m

East 0 4 6 1 8 2 0 m

Zone +11

DEVELOPMENT: Shaft, adits, stopes along vein, portal of most recent adit is locked rail still in place, some work done within last 20 years.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: White quartz vein follows roughly N-S shear zone in schist, flat-lying (N20°E, 10°-20° west) rhyolite dike crops out on ridge to west of vein system.

Comments:

N20°E veins do not appear to cut and cross the ^S N70°W zone. Main mines (Silver Butte) are to east of sample site 2605, and are on roughly N-S shear zones. Massive quartz veins along N70W zones are not well mineralized, N-S veins are. Mineralization may be associated with later(?) rhyolite, not early, massive white quartz.

REMARKS:

Sample 2606

Thin section of dike - altered rhyolite - kaolin & sericite, embayed quartz phenocrysts, spherulitic texture, possibly a tuff(?)

REFERENCES:

EXAMINER: J.V. Tingley

DATE VISITED: 9-5-84