1800 0027

PROPERTY NAME: Jelinek Mine
OTHER NAMES: Big Ledge Mine
MINERAL COMMODITY(IES): Silver/gold
TYPE OF DEPOSIT: Epithermal veins

ACCESSIBILITY: Remnants of road that turns off Mizpah Canyon to the south and parallels that canyon.
OWNERSHIP:

PRODUCTION: Twenty-nine tons, shipped between 1909 and 1918.
HISTORY: Discovered by Horgan and D'Arcy in 1906, sold to Davis same year; Davis worked the mine until 1916, sold to Jelinek who worked the mine until the 1920's.

County: Churchill (Item 34)
Mining District: Fairview
AMS Sheet: Reno
Quad Sheet: Bell Canyon 7-1/2'

Sec. 32, T 16N, R 34E

Coordinate (UTM):
North ____ m
East ____ m
Zone +11

DEVELOPMENT: Ten claims, which, by 1920 contained about 1000 feet of underground work in tunnels and drifts, about what exist today. (see sketches of underground workings).

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The country rock consists of siliceous, light-colored volcanic rocks, mostly rhyolites and latites cut by rhyolite and in places, by andesite dikes. Schrader, on a visit in 1920, described the vein system: "they vary from 2 to 20 feet in width with bold outcrops of the veins and silicified wall rock. The silicification of the wall rock is mostly on the south or hanging wall side. In places where the vein croppings pinch or vanish the course of the veins and fissures continues to be well marked by prominent reefs of the silicified wall rock. The veins in large part appear to occupy fissures but the deposits also include replaced, adjacent wall rock". The veins consist mainly of vein quartz, calcite and fragments of silicified and replaced rhyolite breccia. Schrader described the vein materials as quartz associated with considerable adularia, both at times replacing calcite. The silver mineralization occurs as specks disseminated in the white quartz. Schrader described one of several periods of mineralization as: "the ore minerals and silica were carried together while replacing calcite and rhyolite breccia with quartz". Sample 3818 is from a dump associated with an open stope and adit on the west side of Big Ledge #2. Assays ran 1000 ppm silver and 13 ppm gold. Sample 3819 is from the dump associated with the east adit and incline on Big Ledge #2. Two more samples were taken from within the same adit (samples 3979 and 3980) see sketch map. Sample 3819 assayed 1500 ppm silver and 18 ppm gold. Samples 3976, 3977 and 3978 were taken from the west adit on Big Ledge #2 where it overlaps with Big Ledge #1. See sketch. Another sample, 3822 was taken from a small prospect on east end of Big Ledge #3. Gold assays ran 1.6 ppm for 3976, 1.4 ppm for 3977, .75 ppm for 3978, 1.5 ppm for 3979, and 1.5 ppm for sample 3980.

REMARKS:

	North	East
Sample number 3818	4339750	0397760
3819	4339680	0397940
3822	4339680	0398170
3976	4339700	0397750
3977	4339700	0397750
3978	4339700	0397750
3979	4339685	0397900
3980	4339685	0397900

REFERENCES:

EXAMINER: Jack Quade/Joe Tingley
DATE VISITED: 10/19/86