

4070 '0012

PROPERTY NAME: Panther Canyon  
OTHER NAMES: Bradley  
MINERAL COMMODITY(IES): Sb, Ag, Zn  
TYPE OF DEPOSIT: Quartz veins  
ACCESSIBILITY: Poor roads washed out mouth of canyon.  
OWNERSHIP: \_\_\_\_\_  
PRODUCTION: 4 tons 28% Sb in 1941  
HISTORY: \_\_\_\_\_

County: Pershing <sup>294</sup> Horn 12  
Mining District: Rye Patch  
AMS Sheet: Lovelock  
Quad Sheet: Unionville  
Sec. C 24, T 30N, R 33E  
Coordinate (UTM):  
North 4 4 7 8 0 7 5 m  
East 0 3 9 6 6 0 0 m  
Zone \_\_\_\_\_

DEVELOPMENT: Two adits one caved, one with inclined winze flooded.

ACTIVITY AT TIME OF EXAMINATION: None, long idle.

GEOLOGY: Johnson 1977 and Lawrence 1963 identified only part of the workings from which antimony ore was mined and consequently the geology of the mine area. The workings, described by Lawrence are at the boundary of Sec 23 & 24 in lower Prida Fm. shaly limestone cut by a diabase sill. No mineralization was noted on the dumps, on the north side of the canyon.

The main antimony mine is in the center of Sec. 24 in Rochester Rhyolite. The quartz vein strikes N30E and dips approx. 45° SE. It contains abundant stibnite and antimony oxides. Some hand sorted ore in barrels on dump. About 50 meters to the east is another adit now caved, which explores a N50W trending mineralized fault zone which dips 35°SW. Vein quartz on the dump contains bands of tourmaline, pyrite, sphalerite and some jamesonite?. The rhyolite is silicified and sericitized. The two structures are in close proximity but have significantly different ore minerals. As noted above published descriptions of the Panther Canyon antimony mine are incomplete.

REMARKS: Sample 2568, stibnite; 2569, sphalerite, tourmaline, photos.

REFERENCES: Johnson 1977, Lawrence 1963

EXAMINER: H.F. Bonham Jr.

DATE VISITED: 9-27-84