

1690 0007

PROPERTY NAME: Burns Mine  
 OTHER NAMES: Burns Group  
 MINERAL COMMODITY(IES): Pb, W  
 TYPE OF DEPOSIT: Quartz vein, replacement

ACCESSIBILITY:

OWNERSHIP: W.C. Burns

PRODUCTION:

HISTORY:

County: Elko Idem 8  
 Mining District: Edgemont  
 AMS Sheet: McDermitt  
 Quad Sheet: Bull Run 15'  
 Sec. 29, T 44W, R 52E

Coordinate (UTM):

North 4 6 1 5 4 5 0 m  
 East 0 5 7 0 9 5 0 m  
 Zone +11

DEVELOPMENT: One S30W directed adit, now caved. Remains of structure &amp; track on dump.

ACTIVITY AT TIME OF EXAMINATION: None, altho signs of some recent work in area.

GEOLOGY: The adit is caved & covered by vegetation. However, on the road leading to adit we passed a platy limestone & shale sequence mapped as the Cambrian Porter Peak Limestone. The host rock found on the dump is similar to this. It is composed of dark grey, finely crystalline dolomitic limestone & light tan, medium crystalline silicified limestone cut by thin, calcite veinlets.

Sample 1618 was collected from the dump. It consists of vitreous grey to milky white quartz vein containing pods of gossan, pyrite & clots of galena. Vugs have developed where pyrite or rock fragments have been dissolved out. An unidentified steely mineral is associated with yellow-green oxides (it is possibly a Ag Cl<sub>7</sub> or sulfasalt). \* In addition to the vein material, some of the limestone, which is silicified & bleached, contains ore minerals.

Scheelite reportedly occurs in quartz veins at this property. A production of 6 tons of 0.73% WO<sub>3</sub> is recorded. (unpublished data from NBMG Mining District files). Sample 1618 was lamped & found to contain both scheelite & powellite.

REMARKS: \* Some of the green minerals may be anglesite.

Sample 1618

Photo.

REFERENCES:

EXAMINER: Bentz/Brooks

DATE VISITED: 9/1/82