

2628

FILE NI-B-12

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY H. W. Norman  
DATE(S) EXAMINED January 24, 1953

2. STATE Idaho COUNTY Shoshone

DISTRICT Buster

NEAREST TOWN Mullan

PROPERTY Gold Hunter Mine

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
None		

LOCATION:  
sec. 26.32 T. 18 N R. 5 E

3. TYPE OF EXAMINATION:  
Underground radiometric & geologic.  
Halross Model 939 Scintillometer.

4. DIRECTIONS TO DEPOSIT:  
Proceed eastward on U. S. Highway 10 from Mullan. The mill and surface plant lie immediately east of the Mullan townsite.

5. OWNER OR OPERATOR: Day Mines, Incorporated  
ADDRESS: Day Building, Wallace, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: The property consists of 12 patented lode claims and fractions and 4 patented millsites. Mine discovered in 1884 and except for a few years has been operated steadily since 1887. Between 1902 and 1930 output totaled 2,404,921 tons of ore averaging 4.1% Pb, 4.1 oz. Ag per ton, and approximately .5% Zn. Between 1933 and 1947 output averaged approximately 45,000 tons of ore yearly averaging 2.5% Pb, 0.5% Zn and 3.0 oz Ag per ton. Developed by over 10 miles of underground workings, ex-

7. RADIOACTIVITY: tending through a vertical range of 3200 feet. Negative. Background averaged 30 counts per second. High reading in mine was 60 counts per second along fault gouge in south crosscut of 600 level. Mine flooded below 800 level. Levels above #6 Tunnel not accessible at this time.

8. DESCRIPTION OF DEPOSIT (*Discuss under: A. Topography, B. Geology, C. Mineralogy*)

- A. Rough, wooded area of Coeur d'Alene Mountains.
- B. Workings are in Wallace, St. Regis and Revett formations. Rock is considerably altered in most of mine. The ore occurs in ill-defined and ramified lenses lying within an extensive zone of mineralization. The pitch of the ore shoots is nearly vertical.
- C. The mineralized zone is replaced to varying extent by siderite, barite and fine-grained quartz. Galena is the most abundant sulfide, with sphalerite and tetrahedrite less common. Siderite is the most common gangue mineral, but pyrite and fine-grained quartz are abundant. Barite is more abundant than in any other mine in the Coeur d'Alene district.



11. PROOF OF OWNERSHIP RECEIVED? No  
PERMISSION TO PUBLISH RECEIVED? No

12. MAP:  
None

13. OTHER INVESTIGATIONS:  
U.S.G.S. Professional Paper 62-1908, -09  
Geologic Study of the Burke-Mullan area,  
Leland and Buster Mining Districts,  
Shoshone County, Idaho  
P. J. Shenda & R.P. Fall, August 1948

14. ADDITIONAL INFORMATION:  
Day Mines is engaged in repairing the  
shaft and intends to unwater the mine  
to the 1800 level in the near future.

15. SUPPLEMENTARY RECONNAISSANCE  
REPORT TO FOLLOW? No

