

FILE HI-2-2

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY H. V. ECKMAN
DATE(S) EXAMINED Jan. 9, 12, 1953

2. STATE Idaho COUNTY Shoshone
DISTRICT Buster
NEAREST TOWN Mullan, Idaho
PROPERTY Lucky Friday Mine

1. SAMPLES
NUMBER TYPE AND WIDTH RADIOACTIVITY

None

LOCATION:
SEC. 25, 26 T. 18 N S. 5 E
35, 36

3. TYPE OF EXAMINATION:
Underground radiometric and geologic

4. DIRECTIONS TO DEPOSIT:
Located approximately $\frac{1}{2}$ mile east of Mullan on U.S. #10. Mine lies a few hundred feet north of the road. It is plainly visible and well marked.

5. OWNER OR OPERATOR: Lucky Friday Silver-Lead Mines Co.
ADDRESS: P. O. Box 1131, Wallace, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:
Located by J. F. Ingals about 1885. Up to 1934 only 800 feet of development. Leased by John Seculic in 1934. Incorporated under present ownership on March 30, 1939. Daily production approximately 100 tons.

7. RADIOACTIVITY:
Negative. Background ranged from 25 - 40 counts per second on a Halross Model 939 Scintillometer. The highest count found was 100 counts per second on the 1400 level.

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

- A. Rough, wooded area of the Coeur d'Alene Mountains.
- B. The lead-silver ore occurs as fissure filling, mostly the St. Regis formation.
- C. Argentiferous galena is the primary ore mineral. Tetrahedrite and sphalerite occur in lesser amounts. Quartz and siderite are the common gangue minerals, with minor chalcocyrilite.



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

12. MAP:
None

13. OTHER INVESTIGATIONS:
None

14. ADDITIONAL INFORMATION:
Shaft will be sunk and lower levels developed in the near future.

15. SUMMARY OF RECOMMENDATIONS:
None to follow

