

2583

FILE SI-5

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY Floyd Williams & Clyde Davis
DATE(S) EXAMINED August 8, 1952

2. STATE Idaho COUNTY Owyhee

DISTRICT South Mountain

NEAREST TOWN Jordan Valley, Oregon

PROPERTY South Mountain Mining Co.
underground (2000 ft) and dumps

LOCATION
SEC. T. 7S R. 4 & 5 W

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
None		

3. TYPE OF EXAMINATION:
Underground and surface radio-
metric survey

4. DIRECTIONS TO DEPOSIT:

22 miles southeast of Jordan Valley, Oregon

5. OWNER OR OPERATOR: H. F. Anderson and Pete Brandensayer
ADDRESS: Box 19

Jordan Valley, Oregon

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: District was first located in 1868 and was worked for 7 years (1875). Area was idle from 1875 until 1906 when again the area was active on a small scale until 1927. The area was inactive until 2 years ago when purchased by present owners who have driven a 2000-foot adit in the

7. RADIOACTIVITY: metamorphic limestone zone. A DMEA loan has been granted to help develop the property. A few hundred tons of ore have been sold the past 2 years. Ore amounting to \$2,000,000 has been mined in the district.

None

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

The district is located in a number of rounded summits which outline the axis of the South Mountain Range trending in a northwest-southeast direction. Ore deposits are vein-replacement, contact metamorphic and quartz vein, the most important deposits are in the lense-shaped belt of metamorphosed sediments (interbedded schist, quartzite and limestone) formed as a roof pendant in the younger intrusive granodiorite. Ore mined for Zn, Ag, Au - in a hedenbergite-ilvaite contact rock.



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

12. MAP:
None

13. OTHER INVESTIGATIONS:

None

14. ADDITIONAL INFORMATION:

Sorenson, R. E., "The Geology and Ore Deposits of South Mountain Mining District," Idaho State Bureau of Mines & Geology, No. 22 (1927)

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW? No

