**Lined by** Floyd Williams & Clyde Davis

**Examined** August 8, 1952

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<th>SAMPLES</th>
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<td><strong>TYPE AND WIDTH</strong></td>
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**STATE** Idaho  
**COUNTY** Owyhee

**DISTRICT** South Mountain

**NEAREST TOWN** Jordan Valley, Oregon

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

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

**Type of Examination:**  
Underground and surface radiometric survey

**Directions to Deposit:**  
2 miles southeast of Jordan Valley, Oregon

**Owner or Operator:** H. F. Anderson and Pete Brandensayer

**Address:** Box 19  
Jordan Valley, Oregon

**Line 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 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.

**Radioactivity:** None

**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 lens-shaped belt of metamorphosed sediments (interbedded chert, quartzite and limestone) formed as a roof pendant in the younger intrusive rhyodiorite. Ore mined for Zn, Ag, Au - in a hedenbergite-lilvaite contact rock.

**Proof of Ownership Received?** No  
**Permission to Publish Received?** No

**Map:** None

**Other Investigations:** None

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

**Supplementary Reconnaissance**