## EXPLANATION

Slide rock

Quartz-chalcedony vein

Aplite dike

Porphyritic biotite granite

Wood River Formation
*Quartzite*

Disseminated molybdenite

Pyrite-bearing silicified zone

Brecciated rock

Contact
*Dashed where approximately located; dotted where concealed*

Fault
*Showing dip; dashed where approximately located*

Strike and dip of bedding

Strike and dip of joints

Strike of vertical joints

Shaft

Trench and pit

Adit

Sample and assay by U.S. Bureau of Mines

Sample and assay by U.S. Geological Survey

Eastern boundary of rock containing visible molybdenite

### ASSAY DATA

| Sample | Sample width (feet) | Percent $MoS_2$ |
|---|---|---|
| 3 | 9.0 | 0.21 |
| 4 | 21.0 | .14 |
| 5 | 5.2 | .11 |
| 6 | 10.0 | .18 |
| 7 | 7.0 | .09 |
| 8 | 6.0 | .05 |
| 9 | 6.0 | .12 |
| 10 | 4.0 | .27 |
| 11 | 4.0 | .09 |
| 12 | 13.0 | .17 |
| 13 | 21.0 | .14 |
| 14 | 20.0 | .22 |
| 15 | 20.0 | .11 |
| 16 | 20.0 | .23 |
| 17 | 20.0 | .14 |
| 18 | 10.0 | .09 |
| 19 | 3.0 | .13 |
| 20 | 12.0 | .05 |
| 21 | 20.0 | .05 |
| 22 | 20.0 | .18 |
| 23 | 8.0 | .14 |
| 24 | 20.0 | .14 |

| Sample | Sample width (feet) | Percent $MoS_2$ |
|---|---|---|
| 25 | 20.0 | 0.11 |
| 26 | 20.0 | .06 |
| 27 | 12.0 | .18 |
| 28 | 15.0 | .18 |
| 29 | 2.7 | .16 |
| 30 | 9.0 | .10 |
| 31 | 8.0 | .11 |
| 32 | 4.0 | .10 |
| 33 | 10.0 | .15 |
| 34 | 10.0 | .09 |
| 35 | 10.0 | .14 |
| 36 | 10.0 | .08 |
| 37 | 10.0 | .15 |
| 38 | 10.0 | .28 |
| 39 | 10.0 | .10 |
| 40 | 10.0 | .22 |
| 41 | 5.0 | .07 |
| 42 | 23.0 | .10 |
| A | 7.0 | .28 |
| B | 10.0 | .11 |
| C | 12.0 | .11 |
| D | 8.5 | .05 |

Topography by E. A. Scholz, 1943

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Geology by S. C. Creasey and E. A. Scholz; September 1943

# GEOLOGIC MAPS OF THE SURFACE AND UNDERGROUND WORKINGS OF THE BOULDER CREEK MOLYBDENITE DEPOSIT, CUSTER COUNTY, IDAHO SHOWING LOCATION OF ASSAYED SAMPLES