

2559

U. S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

USGS-FRM No. M 1526

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE June 21, 1954

EXAMINED BY: Paul L. Weis, USGS, with Frank Taft

STATE: Idaho

DATE EXAMINED: June 11, 1954

COUNTY: Lenhi

DISTRICT: Salmon

- 1. NAME OF PROPERTY: Pope Shenon. sec. 16(?) 21(?) T. 20 N. R. 22 E. Boise Meridian
- 2. DIRECTIONS TO PROPERTY: From junction of highways 28 and 93 in Salmon, go south on 93 for 4.3 miles, turn left. At 5.0 miles, turn left; at 7 miles, turn left; at 7.5 miles, turn right; at 8.7 miles, turn right; at 11 miles is the mine.
- 3. OWNER OR LESSEE: Defense Metals, Inc.  
ADDRESS: Kellogg, Idaho.
- 4. PUBLISHED REFERENCES: Umpleby, J. B., 1913, Geology and ore deposits of Lenhi County, Idaho: U.S. Geol. Survey Bull. 528.  
Ross, C. P., 1924, The copper deposits near Salmon, Idaho: U.S. Geol. Survey Bull. 774
- 5. MINE WORKINGS: Underground workings on 5 levels.
- 6. TYPE OF EXAMINATION: Reconnaissance for radioactivity on all accessible parts of 600 level.

- 7. RADIOACTIVE DEPOSIT: NO TYPE AND AGE Copper vein, age unknown.  
WALL ROCKS: Belt quartzites.  
ORE MINERALS, PRIMARY: Chalcopyrite.  
ORE MINERALS, SECONDARY: --  
GANGUE MINERALS: Quartz, pyrite.  
PRECANGIENE RELATIONSHIPS: Unknown  
ALTITUDES: Not determined.  
LENGTH (CYCLE OR OTHER): Unknown. WIDTH: - SHAPE: - THICKNESS: -

8. COUNTER TYPE: Model III "Scintillator" Scintillometer  
BACKGROUND READING: 0.028 mr/hr AVERAGE READING FOR DEPOSIT: Max. 0.07 mr/hr

9. SAMPLE INFORMATION

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL	%CU	CHEM. ASSAY (PERCENT)	LOCATION
No samples taken					

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10. UNPUBLISHED REFERENCES: None

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

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