

2590

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-FRM NO. D-488

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE: November 5, 1952

EXAMINED BY: Sharp, Cavender

STATE: Idaho

DATE EXAMINED: September 1952

COUNTY: Lemhi

DISTRICT: McDeritt

- 1. NAME OF PROPERTY: Copper Queen Mine-Mill sec. 15 T. 19 N. R. 25 E.
- 2. DIRECTIONS TO PROPERTY: South of Salmon, Idaho, 18 mi. to Tendey; up Agency Creek 10 mi. to So.Fork.
- 3. OWNER OR LESSEE: E.G. Peron
ADDRESS: Salmon, Idaho.
- 4. PUBLISHED REFERENCES: Umpleby, 1913, Geology and ore deposits of Lemhi County, Idaho: U.S. Geol. Survey Bull. 528, pp. 120-121.
- 5. MINE WORKINGS: Shaft of 250 ft. and extensive underground working from shaft and three adits.
- 6. TYPE OF EXAMINATION: Radiometric and geologic.

- 7. RADIOACTIVE DEPOSIT: TYPE AND AGE:
WALL ROCKS: Argillite and quartzite of pre-Cambrian Belt series.

ORE MINERALS, PRIMARY: Bornite, chalcopyrite, gold.

ORE MINERALS, SECONDARY: Copper carbonates, covellite, copper oxide.

GANGUE MINERALS: Quartz, iron oxides, clays.

ORE-GANGUE RELATIONSHIP: Quartz veins cutting and replacing Belt quartzite.

ATTITUDES: _____ CHAPT: _____
 LENGTH (STRIKE OR OTHER): _____ WIDTH: _____ THICKNESS: _____

- 8. COUNTER TYPE: Nuclear Inst. 2610A.
 BACKGROUND READING: Normally 3-4 (.02 scale). AVERAGE READING FOR DEPOSIT:
High point - 10-20(.02 scale).

9. SAMPLE INFORMATION:

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	NET OR USGS MEASUREMENT	CHEM. ASSAY (PERCENT)	LOCATION
QQ-M1	Grab		.061 eU	.002 U	
		across vein.			

10. UNPUBLISHED REFERENCES:

14. PROOF OF OWNERSHIP RECEIVED:

15. SUPPLEMENTAL REPORT TO FOLLOW?

DISTRIBUTION:					
McDeritt	(1)	Thurlow	(2)	McKelvey	(1)
Mineral Deposits	(9)	Oster	(1)	Fischer	(1)
Washington		G & P	(1)	Weissenborn	(1)
TEPCO	(3)	Fuels	(1)	Cathcart	(1)
Hosted	(1)	Alaskan	(1)	Denson	(1)
Towle	(2)	Geophysics	(1)	Page	(1)
				King	(1)