

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PRR D 287

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

Date: Sept. 25, 1951

State: Idaho

Examined by: J. C. Olson & D. R. Shaw

County: Lamhi

Date examined: Sept. 14, 1951

District: Withington Creek

1. Name of property: Harmony mine Sec. 2 T. 19 N. R. 22 E.
2. Directions to property: Road from near Baker is followed up Withington Creek to a south fork just west of Joe Moore Creek and thence S. about 2½ miles to the mine.
3. Owner or lessee:
Address: Not known
4. Published references: Ross, C. P., U. S. Geol. Survey Bull. 774, pp. 37-41. 1925.
5. Mine workings: Two dumps visited; upper workings not visited.
6. Type of examination: Radiometric of dump material.

7. Radioactive deposit: Type and Age: Veins in pre-Cambrian quartzite
Wall rocks: Pre-Cambrian Belt Series quartzite.

Ore minerals, primary: Chalcopyrite, chalcocite.

Ore minerals, secondary: Cuprite, tenorite.

Gangue minerals: Pyrite, quartz, hydrous iron oxides.

Ore-gangue relationship:-

Attitude: Strike NW, dip 60° SW
Length(strike) 500'

Shape: Tabular
Width: 6-10 ft. Thickness 6-10 ft.
Background: 2 to 4 on .2 scale.

8. Counter type: Nuclear model 2610 A

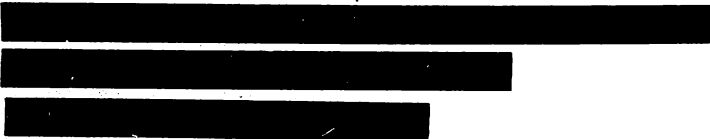
9. Sample information

Sample No.	Type	cU (percent) or c/m	Chem. Assay (percent)	Location
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No samples taken.

A qtz-benatite reef showing radioactivity is reported near the mine, but this was not found in brief examination.

10. Unpublished references: None



14. Proof of ownership received. -

15. Supplemental report to follow? None

Distribution:
Mineral Deposits, (9)
Washington
Merritt (1)
TEPCO (3)
Hoisted (1)
Fowle (1)

Thurlow (1)
Oster (1)
G&P (1)
Fuels (1)
Alaskan (1)
Geophysics(1)

McKelvey (1)
Fischer (1)
Weissenborn(1)
Cathcart (1)
Danson (1)
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