

2507

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PER D290

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

Date: Sept. 24, '51

State: Idaho

Examined by: J. C. Olson - D.R. Shave

County: Clark

Date Examined: Sept. 19, 1951.

District: Heart Mountain

- 1. Name of property: First Discovery claim. Sec. 27 T. 12 N. R. 31 E.
- 2. Directions to property: Forest Service road leading west from Argora is followed for about 5 miles along Webber Creek to where the road ends. A foot trail is followed about 4 miles West along Webber Creek to Sluice Box creek, which is followed S. about 1/2 mile to the property.
- 3. Owner or lessee: Robert Roe and Orville Williams
Address: Dubois, Idaho.
- 4. Published references: None.
- 5. Mine workings: Two small pits approximately 50' higher than Sluice Box Creek on the E. side of the creek.

- 6. Type of examination: Radiometric examination of pits and surrounding terrain.
- 7. Radioactive deposit: Type and Age: Fault zone of ls breccia and minor ramifying veinlets of hydrous Fe oxides in Carboniferous limestone.
Wall rocks: Carboniferous limestone.

Ore minerals; primary: Not determined.

Ore minerals, secondary: Not determined; possible radioactivity in hydrous iron oxides?

Gangue minerals: Magnesian limestone.

Ore-gangue min relationship: Small unoriented veinlets of hydrous iron oxides (etc?) at intervals at a few inches may contain the radioactive minerals.

Attitude: Fault surface in the fault zone: N30°W., 73° SW.

Length (strike) 150'

Shape: Tabular

Width: Irregular width; fault zone 3'-15' wide.

Background: 2 to 3 on the .2 scale.

8. Counter type: Nuclear, Model 2610A

Sample No.	Type	cU(percent) or c/n	Chem. Assay (percent)	Location
1622-I-2	Chip sample	Reading in pits: 6 to 7 on the .2 scale.	0.007 to 0.010% U. (U.S.G.S.) 0.015% U. (U.S.B.M)	From walls of the 2 pits.

10. Unpublished references: None



14. Proof of ownership received: -

15. Supplemental report to follow? None

Distribution:

- | | | | | | |
|------------------------------|-----|------------|-----|-------------|-----|
| Merritt | (1) | Sturlew | (1) | McKelvey | (1) |
| Mineral Deposits, Washington | (9) | Oster | (1) | Fischer | (1) |
| TRPCO | (3) | GP | (1) | Weissenborn | (1) |
| Mocted | (1) | Fuels | (1) | Cathcart | (1) |
| Toole | (1) | Klassen | (1) | Danson | (1) |
| | | Geophysics | (1) | Page | (1) |

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