

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY C. Van Alstine
DATE(S) EXAMINED October 29, 1955

2. STATE Idaho COUNTY Bonner

DISTRICT Unorganized

NEAREST TOWN Elmira

PROPERTY Hotentot group (8 claims)

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
USEM UP-4734-1	Taxpayer (select)	^{238}U 0.29

LOCATION:

SEC 6 T 50N R 1E E1

3. TYPE OF EXAMINATION:

Surface, radiometric and geologic

4. DIRECTIONS TO DEPOSIT: From Elmira, Idaho, proceed east on gravel road for 5.1 miles. Turn left on dirt road for 0.6 miles. Turn left on jeep road for 0.3 miles to workings.

5. OWNER OR OPERATOR: Don Samuelson, Lester Gissel, James Breinich
ADDRESS: Sandpoint, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:

Present owners have blasted and bulldozed from 3-5 feet into ridge-capping outcrops and have dug several small prospect pits.

7. RADIOACTIVITY:

La Roe scintillator	background 0.007 MR/hr	max. count 0.20 MR/hr
Precision 107B counter	" 0.03 MR/hr	" 0.5 MR/hr

8. DESCRIPTION OF DEPOSIT (Discuss under: A. Topography, B. Geology, C. Mineralogy)

- A. The workings are on a ridge in the heavily forested western slopes of the Cabinet Mountains. The ridge drops steeply 250-300' into creeks on the east and west sides.
- B. The country rock in this area is a coarse-grained quartz-feldspar-mica gneiss. The radioactivity occurs on the top of a north-south ridge where the gneiss appears to be cut by a series of NW-SE-trending normal faults. The radioactive minerals are found in pockets and in fractured and altered zones along parting planes.
- C. The radioactive minerals are a refractory black mineral associated with black quartz, autunite, and an unidentified fluorescent yellow mineral.

[Redacted]

[Redacted]

11. PROOF OF OWNERSHIP RECEIVED? No
PERMISSION TO PUBLISH RECEIVED? No

12. MAP:

None

13. OTHER INVESTIGATIONS:

Unknown

14. ADDITIONAL INFORMATION:

None

15. SUPPLEMENTARY RECONNAISSANCE
REPORT TO FOLLOW? No

[Redacted]