

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY L. D. Jarrard
 DATE(S) EXAMINED March 24, 1955

2. STATE Idaho COUNTY Lemhi

DISTRICT Unknown

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
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None

NEAREST TOWN Salmon, Idaho

PROPERTY Donna

LOCATION:

MW $\frac{1}{2}$ sec. 12 T. 20 N R. 21 E

3. TYPE OF EXAMINATION:
 Radiometric and geologic

4. DIRECTIONS TO DEPOSIT: South from Salmon 5 miles on US 93 to Shoup Bridge, cross Salmon River, thence 2.8 miles on dirt road to point 0.5 mile up Williams Creek. Claim is on right side of road.

5. OWNER OR OPERATOR: Discoverer: Mr. McConnell
 ADDRESS: Salmon, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: No previous history.

7. RADIOACTIVITY: Halroes Model 939
 B.G. - 45 c.p.s.
 Maximum count near structure - 1500 c.p.s.

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

- A. Low, rolling grass and sage covered hills, timber above 5500 elevation.
- B. Area to north, east, and west is mainly pre-Cambrian Belt Series while to south lies the Tertiary Challis Volcanics, river gravel terraces in valley bottom. Uranium mineralization occurs in obscure shear zone in Challis volcanics, rhyolites.
- C. Mineralization is mainly limonite though in closely parallel deposit across river much uranium mineral is in evidence, which is tentatively identified as uranophane; only minute specks visible here at Donna claim.



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

12. MAP:
 None

13. OTHER INVESTIGATIONS:

None published.

14. ADDITIONAL INFORMATION:

None