

EXAMINED BY _____
DATE(S) EXAMINED March 24, 1955

C. STATE _____ COUNTY _____

DISTRICT _____

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
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NEAREST TOWN Salmon, Idaho

A-3967	Crab	1.58% eU ₃ O ₈
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PROPERTY Donna Lou #1

LOCATION:
NW₄ sec. 7 T. 20 N R. 22 E

3. TYPE OF EXAMINATION:
Surface radiometric and geologic.

4. DIRECTIONS TO DEPOSIT: 6.2 miles south from Salmon, Idaho, along U. S. Hwy. 93.
Deposit is on east side of roadcut.

5. OWNER OR OPERATOR: Messrs. McConnell, Sargent, Hurley, all of Salmon, Idaho
ADDRESS: Property reportedly leased to G and G of Moab, Utah

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

7. RADIOACTIVITY: Model 939 Halross
Background - 45 c.p.s.
Maximum count in small pit - 5200 c.p.s.

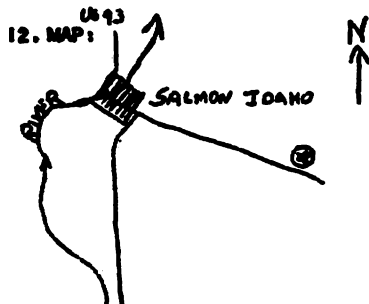
8. DESCRIPTION OF DEPOSIT (*Discuss under: A. Topography, B. Geology, C. Mineralogy*)

A. Maximum relief near 4500'. Higher hills are heavily timbered (above 5800).
Lower hills near Salmon River are rolling and covered with grass and sagebrush.

B. Area is mainly composed of Belt Series metasediments to north, east, and west
while to south are large areas of Tertiary Challis volcanics, consisting of
rhyolite flows with interbedded volcanic tuffs. All observed mineralization
(uranium) lies in the rhyolite.

C. Uranium mineral tentatively identified as uranophane.

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



13. OTHER INVESTIGATIONS:
None known, at least none published.
U.S.G.S. has visited property.

14. ADDITIONAL INFORMATION:
None

15. SUPPLEMENTARY RECONNAISSANCE Yes