

EXAMINED BY L. D. Jarrard  
DATE(S) EXAMINED October 10, 1954

2. STATE Idaho COUNTY Lemhi

DISTRICT Lemhi

NEAREST TOWN Salmon, Idaho

PROPERTY J. McConnaghy Ranch

**1. SAMPLES**

NUMBER	TYPE AND WIDTH	RADIOACTIVITY	
		<u>eU<sub>3</sub>O<sub>8</sub></u>	<u>cU<sub>3</sub>O<sub>8</sub></u>
8576	chip - 10"	0.22%	0.005%

LOCATION:  
SEC. ? T. 20 N R. 24 E  
Boise Meridian

3. TYPE OF EXAMINATION:  
Surface geologic and radiometric

4. DIRECTIONS TO DEPOSIT: Proceed south from Salmon, Idaho, on State Highway #28, 9 miles to Baker (Mouth of Sandy Creek), turn east (left) up Sandy Creek to McConnaghy Ranch (end of road). Prospect is located about 1 mile above ranch by jeep trail.

5. OWNER OR OPERATOR:  
ADDRESS: John McConnaghy, Ranch owner with mineral rights  
Salmon, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: No production, no underground workings. Small amount of surface bulldozing.

7. RADIOACTIVITY: Halross #939 Scintillometer  
Background - 50 c.p.s.  
Highest reading of 10" vein - 1500 c.p.s.

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

- A. Rolling, grass and sage covered hills with 500' + maximum relief.
- B. Fissure type hydrothermal veins in pre-Cambrian Belt Series (probably Ravalli) of quartzites (more nearly indurate sandstones). Veins commonly strike about E-W with steep, nearly vertical dips.
- C. Thorium and rare-earth bearing ores in a matrix of specular hematite and reddish-stained quartz.



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

12. MAP:  
None

13. OTHER INVESTIGATIONS:  
USGS Bull. 988-H - Uranium and Thorium Deposits in East-Central Idaho and Southwestern Montana, 1952 - Trites and Tooker.

14. ADDITIONAL INFORMATION:  
None