

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY R. G. Pruitt, Jr.  
DATE(S) EXAMINED May 9, 10, 1956

2. STATE Idaho COUNTY Clark

DISTRICT Lidy Hot Springs

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
Previous samples submitted from this property:		
SLEB AEC	0.39% eU	0.562% cU
Abbot Hanks	-	0.520% cU
Bur. of Mines	0.39% eU	-
Bur. of Mines	0.29% eU	(cU 0.520 above)

NEAREST TOWN Dubois, Idaho

PROPERTY Elkhorn Group (35 claims)

LOCATION:  
SEC. 8, 11 T. 11 N R. 32 W

3. TYPE OF EXAMINATION:  
Geologic and radiometric  
LaRoe FV-6S, Eberline E-112

4. DIRECTIONS TO DEPOSIT: Leave Dubois, Idaho, on State Hwy. 22 west 18 miles, turn right to Crooked Creek, proceed to junction of Crooked and Myers Creeks, 31.3 miles from Dubois.

5. OWNER OR OPERATOR: E. K. Evans  
ADDRESS: c/o Hugh Johnson  
Roberts, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: Recent development work consisting of about 40 bulldozer cuts on 35 claims.

7. RADIOACTIVITY: Background 0.02 MR/hr - Eberline - Maximum 0.60 MR/hr  
Radioactive material (carnotite ?) occurs in pods and along thin sandstone beds.

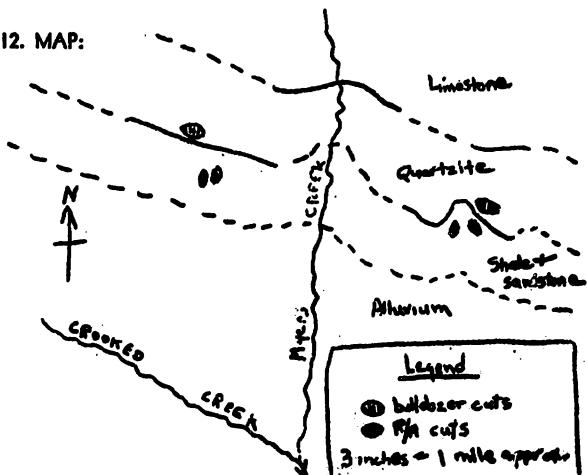
8. DESCRIPTION OF DEPOSIT (*Discuss under: A. Topography, B. Geology, C. Mineralogy*)

- A. Open sage covered southern slope of Beaverhead Mountains. Elevation at claims about 5,500 feet.
- B. Radioactive material occurs in an intensely folded shale and thin bedded sandstone formation (pC?) which underlies (angular unconformity?) the slightly tilted Flathead (?) or Kinnikinic (?) quartzite (C), which in turn underlies a Mississippian limestone (Madison ls.). State geologic map does not differentiate Paleozoic formations in this area.
- C. Carnotite (?) as powdery coatings on bedding and fracture planes in intensely folded and broken thin bedded sandstone beds. Possibly some of the yellow radioactive mineral is invisibly mixed with limonite stains in the sandstone and shale.



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

12. MAP:



13. OTHER INVESTIGATIONS:

None known

14. ADDITIONAL INFORMATION:

None

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW? No

