

2544

SLES
0/5/54

FILE R-72

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY R.G. Pruitt
DATE(S) EXAMINED Sept. 20, 1956

2. STATE Idaho COUNTY Lemhi

DISTRICT Eureka

1. SAMPLES		
NUMBER	TYPE AND WIDTH	RADIOACTIVITY
A-0833	2' across vein	0.30% eThO ₂

NEAREST TOWN Salmon, Idaho

PROPERTY Bell-Contact Gp Claims (4 & 14)

LOCATION: Boise Meridian
SEC. 26 T. 23N R. 21E

3. TYPE OF EXAMINATION:
Geologic and Radiometric Recon.

4. DIRECTIONS TO DEPOSIT: Turn W. at Carmen bridge (N. of Salmon), go 7 miles to turn-off labeled "Cyprus Mine", turn NE along new dozer road 2.5 miles to head of Diamond Creek.

5. OWNER OR OPERATOR: G. Elmo Shoup, Van Meter, P. Reddington
ADDRESS: Salmon, Idaho.

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: Worked on small scale for Au-Ag in 1900's. Two drifts (30' & 10'), 3 shafts (approx 10-50') on two structures. New workings limited to a few bulldozer cuts.

7. RADIOACTIVITY: 0.015 MR/hr background (LaRoe)
0.5 - 1.0 MR/hr aver. R/A on vein
4.5 MR/hr maximum in long drift, in dog-hole in floor

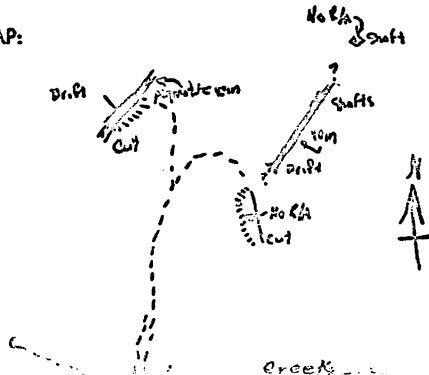
8. DESCRIPTION OF DEPOSIT (Discuss under: A. Topography, B. Geology, C. Mineralogy)

- A. Mostly open sage covered mountainside, elev about 5500 ft.
- B. Very near contact birdseye granite and Precambrian Belt quartzite. One structure (Contact #2) is a hydrothermal vein of Qtz and jasper in Qtzite (near granite contact), strikes N30E, dips 30E, pinches and swells from 8" to 4' (here max R/A 4.5 MR/hr); structure on Contact #1 appears pegmatitic, strikes N30E, dips 50E, about 4' wide. Vein on Bell #1 trends N50E, no dip visible. It loses R/A after short distance (max R/A 2.4 MR/hr)
- C. R/A minerals contain Th; main gangue is jasper-Qtz, generally weathered. Contact #1 said to contain more rare earths in pegmatitic matrix.



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

12. MAP:



13. OTHER INVESTIGATIONS:

None

14. ADDITIONAL INFORMATION:

None

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW? If warranted

