

FILE B-B-109

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY W. R. Peterson and W. S. Moon
DATE(S) EXAMINED July 14, 1953

2. STATE Idaho COUNTY Lemhi
DISTRICT Shoup

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
F1392	3' channel	0.1 eU ₃ O ₈
F1394	Grab sample	0.1 eU ₃ O ₈
F1395	2 vein samples	0.4 eU ₃ O ₈

NEAREST TOWN Shoup, Idaho
PROPERTY Radiant Claims along Indian, Pappose, and Squaw Creeks.

LOCATION:
SEC. T. 24 N R. 19 & 20 E

3. TYPE OF EXAMINATION:
Halross 939 Scintillometer on outcrops and cuts.

4. DIRECTIONS TO DEPOSIT: County road between North Fork and Shoup, Idaho.

5. OWNER OR OPERATOR: Radiant Mining Company
ADDRESS: Kenneth White, Sweet Home, Oregon,
Reese R. Esgar, Route 2, Foster Oregon, Miley Evans, North Fork, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:
Claims staked on new discoveries of thorite and monazite with reported rare earths.

7. RADIOACTIVITY:

Sample F1392; 1200 c.p.s. Halross at cut
Sample F1394; 250 c.p.s. Halross at cut
Sample F1395; 400 c.p.s. Halross

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

- A. Dense pine forests in deeply dissected canyons.
- B. Pre-Cambrian gneiss and schist near Idaho Batholith contact.
- C. Thorite and monazite in pegmatite. Pegmatite is continuous across hills as a vein but radioactivity is spotty as 50 to 500 between hot spots.



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

12. MAP:

13. OTHER INVESTIGATIONS:

None

14. ADDITIONAL INFORMATION:

Analysis from New York Office revealed radioactivity due to thorium.

15. SUPPLEMENTARY RECONNAISSANCE
WORTH TO FOLLOW? No

