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FILE B-71

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY R.G. Pruitt  
DATE(S) EXAMINED Sept. 19, 1956

2. STATE Idaho COUNTY Lemhi

DISTRICT Aurora

NEAREST TOWN North Fork, Idaho

PROPERTY Lorado Gp. 16 Claims

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
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LOCATION: Boice Meridian  
SEC. 18 T. 24 N R. 20E

3. TYPE OF EXAMINATION:  
Geologic and Radiometric Recon.

4. DIRECTIONS TO DEPOSIT: Up Indian Creek 3/4 mile above Indianola R.S.; claims run E from Indian Creek to Sage Creek. Indian Creek is located 9 miles down the Salmon River from North Fork, Idaho

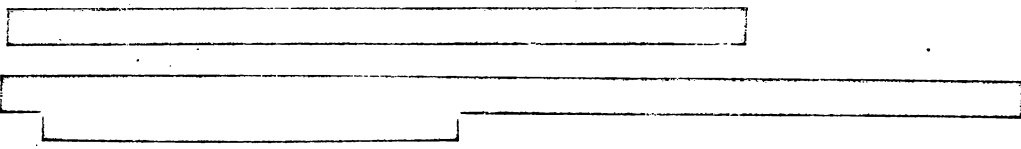
5. OWNER OR OPERATOR: Oreanium Corp. of America c/o Miley Evans  
ADDRESS: Box 1079 Salmon, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: No previous workings; new work limited to a few hand dug pits and dog holes.

7. RADIOACTIVITY: 0.010 MR/hr (LaRoe) background  
Maximum R/A 1.0-1.5-2.2 MR/hr (spotty)

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

- A. Dissected woodland vicinity deep Salmon River gorge; elev. 4000-5000 ft.
- B. Porphyritic granite and diorite with numerous milky, barren, qtz. veins, and and at least one milky qtz.-biotite mica pegmatite (?) with thorite (?) x-ls and some monazite. Structure strikes E-W, dips 90°, is about 10' wide on W. end of claims, but may narrow to E. Diorite dikes cut pegmatites. R/A is spotty.
- C. Thorite (?) x-ls up to 1/2 inch disseminated in qtz.; monazite visible in small x-ls; shiny black unknown mineral associated with thorite on W. sides of claims. Occurrence appears spotty in a pegmatitic dike; some very high R/A rock found in places.

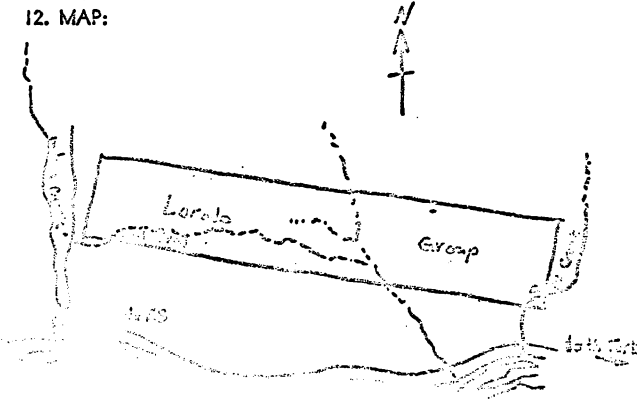


11. PROOF OF OWNERSHIP RECEIVED? No  
PERMISSION TO PUBLISH RECEIVED? No

13. OTHER INVESTIGATIONS:

None

12. MAP:



14. ADDITIONAL INFORMATION:

None

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW IF warranted

