

2511

FILE SL-159*

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY Boyce, Land, Peterson and Sharp
DATE(S) EXAMINED August 5, 1958

2. STATE IDAHO COUNTY CASSIA

DISTRICT Stanley Basin

NEAREST TOWN Stanley

PROPERTY COAL CREEK GROUP
Claims No. 1 to No. 11

LOCATION
SEC. 16 T. 11 N. R. 14 E.

1. SAMPLES

NUMBER	TYPE AND WIDTH	RADIOACTIVITY
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No samples.

Shipments to Vitro Uranium in Salt Lake City:

Lot No. 1 - 57 tons @ 0.36% U₃O₈

Lot No. 2 - 56 " @ 0.21% "

3. TYPE OF EXAMINATION: Surface and underground inspection of exploration and development program.

4. DIRECTIONS TO DEPOSIT: Travel 8 miles east from Upper Stanley on U.S. 93 down the Salmon River to Basin Creek. Turn left on dirt road on the North side of Basin Creek for one mile to Coal Creek. Follow steep bulldozer road 1 mile to D-3 bulldozer cuts.

5. OWNER OR OPERATOR: Owners: Bill Brooks and Melvin Peterson
ADDRESS: Lessee: Phillips Petroleum Company

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:

Property discovered by prospectors Brooks and Peterson using a Geiger counter and scintillator.

7. RADIOACTIVITY:

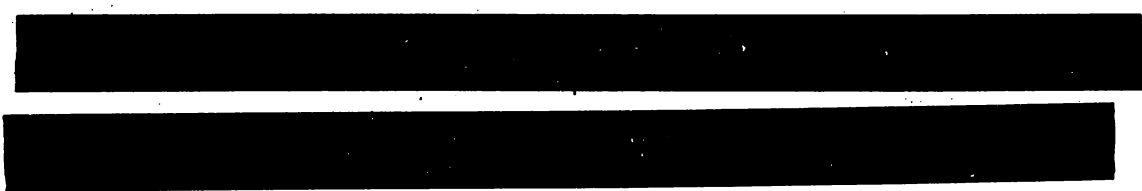
Confined to shears in the Idaho Batholith and to erosional remnant sediments overlying a weathered granodiorite.

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

A. Mature - Heavily forested, fairly steep canyons draining into Salmon River at approximately 6,000 ft. elevation.

B. Ore zone is confined to late Tertiary sediments consisting of arkose and rounded boulders in proximity to Challis volcanics. The sediments appear to occupy former channels that were buried by the volcanics and are now remains of the present erosion cycle; they may have their source in the later pegmatitic phases of the present erosion cycle.

C. Uranium minerals are autunite and uranophane.



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

12. MAP: See Forest Service Map of Boise National Forest (North half)

13. OTHER INVESTIGATIONS:

Examined shows on the Upper Hardy Group where a D-3 cut had exposed uranophane in an aplitic pegmatitic phase of the Idaho Batholith. Dike seems to follow the contact of weathered

14. ADDITIONAL INFORMATION:

granite and overlying material. PRR will follow next visit. Rare Metals Corporation has leased the Lower Hardy Group (1-9) and the Lucky Strike Group (1-6). Exploration will follow.

15. SUPPLEMENTARY RECONNAISSANCE

REPORT TO FOLLOW? Yes

