

2510

FILE SL-161*

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY B. Bowyer and A. J. Richards
DATE(S) EXAMINED September 17, 1953

2. STATE IDAHO COUNTY CUSTER

DISTRICT _____

NEAREST TOWN STANLEY

PROPERTY HARDEE NO. 3 CLAIM

1. SAMPLES NUMBER	TYPE AND WIDTH	RADIOACTIVITY
3202	Sent to Grand Junction for petrographic-mineralogic examination (9-30-53)	

LOCATION
SEC. 10 T. 11 N. R. 14 E.

3. TYPE OF EXAMINATION: Surface; radiometric.

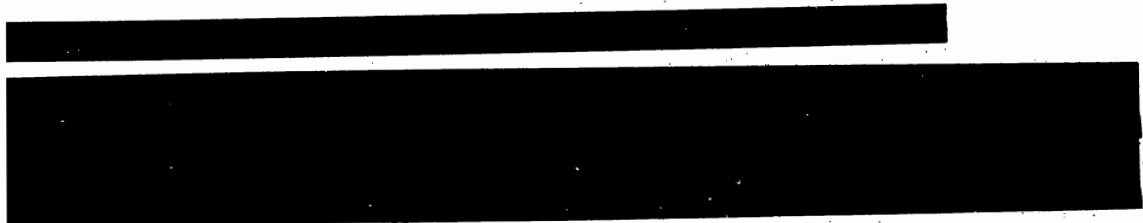
4. DIRECTIONS TO DEPOSIT: Drive E. on US 93 for 7.7 miles from Stanley Ranger Station and then turn left (NW) up road along NE side of Basin Creek; about 3/4 mile turn north up Coal Creek for about 1 mile until Coal Creek claims are reached and then take fork to right (east) for about 2 miles to Hardee claims.

5. OWNER OR OPERATOR: Bill Brooks and Melvin Peterson of Haily, Idaho, are claim owners. ADDRESS: Phillips Petroleum Company, Salt Lake City, is the present lessee.

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:
Phillips has developed an estimated 1,000 tons of 0.23% U₃O₈ by drilling 30 shallow (10-20') percussion holes. The company is expected to make an initial shipment this fall in order to qualify for certification.

7. RADIOACTIVITY:
Most of the mineralized zone is subsurface and not detectable except in the drill holes; however, an area about 12x18 feet exposed at the surface counts 2-5 MR/hr.

8. DESCRIPTION OF DEPOSIT (Discuss under: A. Topography, B. Geology, C. Mineralogy)
- A. Topography: The property is on the west side of the west fork of Upper Hardee Creek along a steep and forested slope. It would be necessary to build a road from US 93 up Upper Hardee Creek or use, by extension, the Lower Hardee Creek road before substantial amounts of ore could be hauled.
 - B. Geology: The ore is in a complex of granitic rocks of the Idaho Batholith disseminated in the rock and in shear zones, coating fracture and joint surfaces, and in thin veinlets.
 - C. Mineralogy: Visible minerals are autunite and uranophane and a black radioactive mineral that occurs in veinlets.



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

13. OTHER INVESTIGATIONS:

12. MAP:

14. ADDITIONAL INFORMATION:

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW? Yes

