Preliminary Reconnaissance Report

Examiners: B. Bosmer and A. J. Richards

Date(s) Examined: September 17, 1952

1. Samples

<table>
<thead>
<tr>
<th>Sample</th>
<th>Type and Width</th>
<th>Radioactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>3232</td>
<td>Sent to Grand Junction for petrographic-mineralogic examination (9-30-50)</td>
<td></td>
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</tbody>
</table>

Date(s) Examined:

1, Samples:

Number

Type and Width

Radioactivity

3232 Sent to Grand Junction for petrographic-mineralogic examination (9-30-50)

State:

District:

Nearest Town:

Property: HARDIE No. 3 CLAIM

Location:

Sec. 10 T. 11 N. R. 16 W.

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 (N) on 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 fork to right (west) for about 2 miles to Hardie claims.

5. Owner or Operator:

Bill Brooks and Melvina Peterson of Dally, 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 (10-30') perforation 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 12x10 feet exposed at the surface counts 2-5 Ml/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 Hardie Creek along a steep and forested slope. It would be necessary to build a road from US 93 up Upper Hardie Creek or use, by extension, the Lower Hardie Creek road before substantial amounts of ore could be hauled.

B. Geology: The ore is in a contact of granitic rocks of the Idaho Batholith dominated in the rock end in shear zones, coating fracture and joint surfaces, and in thin veinlets.

C. Mineralogy: Visible minerals are uraninite and uranophane and a black radioactive mineral that occurs in veinlets.

11. Proof of Ownership Received?

Yes

Permission to Publish Received?

No

13. Other Investigations:

14. Additional Information:

15. Supplementary Reconnaissance Report to Follow.