

PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY D. E. ... 2. STATE Idaho COUNTY Carleton
DATE(S) EXAMINED September 4, 1957

1. SAMPLES
NUMBER TYPE AND WIDTH RADIOACTIVITY

DISTRICT _____
NEAREST TOWN Stanley
PROPERTY UNKNOWN

LOCATION
SEC. 132T T. 14 N R. 13 E

3. TYPE OF EXAMINATION:
Surface

- 4. DIRECTIONS TO DEPOSIT: From Stanley proceed northwest on secondary dirt road 5 miles; then onto east-southwest road (right) for 5 miles to Basin Creek; then turn north (left) up Basin Creek Canyon to camp at Hay Creek-Basin Creek confluence.
- 5. OWNER OR OPERATOR: Owners: Bill Brooks, Carl Hoffman, Malcolm Peterson - Haily, Idaho
Operator: Western Electric Lining Company, Inc.
201 W. 11th St., Haily, Idaho (Home Address - Warren, Arkansas)
- 6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS:
Working consists of several open cuts.
One sample lot shipped to Vitro - 36 tons assaying 0.20% U₃O₈.
However, Vitro reports only LM necessary on this lot.
- 7. RADIOACTIVITY:

- 8. DESCRIPTION OF DEPOSIT (Discuss under: A. Topography, B. Geology, C. Mineralogy)
 - A. Mountains/terrain - steep V-shaped valleys. Local relief about 500-600 feet. The upper pt is approximately 150 feet above the creek level.
 - B. A rhyolite(?) dike, trending NW and dipping steeply (approximately 85°) to the NE, intrudes a coarse grained gneiss-diorite(?) locally containing aplite dikes of the Idaho Hot Spring. The contact is irregular due to the varied width of the dike which may pinch out to the southeast. Fracture and jointing appear to be post-dike. Secondary uranium mineralized zones appear to be confined to the foot wall of the dike and adjacent gneiss-diorite and in the hanging wall side of the dike. Both the dike and gneiss-diorite have been moderately altered. The present exposure of the mineralized zone is approximately 15-25 feet of strike length and a dip length of 10 feet. The foot wall zone was about 4 ft. wide and the hanging wall zone approximately 6-7 ft. wide.
 - C. Uranium mineral suite is mainly uranothorite and autunite coatings filling fractures.

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

12. MAP:

13. OTHER INVESTIGATIONS:
None

14. ADDITIONAL INFORMATION:
None