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U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PRR NO. M 800

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

P.L. Weis, U.S. Geol. Survey; J.M. Brown, Jr., Pres.

DATE: August 29, 1953

EXAMINED BY: Pack River Lumber Co., Sandpoint, Idaho (owner); L.V. Brown, J.M. Brown; Kenneth Critchel, Business Associate; Clarence Nelson, prospector (discoverer).

STATE: Idaho

DATE EXAMINED: August 27, 1953

COUNTY: Boundary

DISTRICT: _____

1. NAME OF PROPERTY: Unnamed (?) sec. 21 T. 32 N. R. 1 E.
From Sandpoint, Ida., go 22 1/2 miles NE on U.S. Highway 2 to village of Naples; then turn right (south) on Trail Creek road no. 404 (Forest Service road). At 2.9 miles on Forest Service road, take right-hand fork. 5.5 miles from Naples; prospect is bulldozed area on left side of road.
2. DIRECTIONS TO PROPERTY: _____
3. OWNER OR LESSEE: J.M. Brown, Jr., President
ADDRESS: Pack River Lumber Co., Sandpoint, Idaho.
4. PUBLISHED REFERENCES: None.

5. MINE WORKINGS: Bulldozed exposures in a cleared area approx. 250 by 300 feet. One outcrop has been drilled and shot. Exposed to depth of 5 feet.

6. TYPE OF EXAMINATION:

Radiocitivity reconnaissance.

7. RADIOACTIVE DEPOSIT: TYPE AND AGE: Disseminated sulfides, replacing granite. Age unknown. (Kaniksu granite?)

WALL ROCK: Quartz-biotite gneiss, augen gneiss; granite.

ORE MINERALS, PRIMARY: Pyrite, pyrrhotite, chalcopyrite. Cobalt and nickel reported.

ORE MINERALS, SECONDARY: Not recognized.

GANGUE MINERALS: Quartz, plagioclase, biotite, limonite.

ORE-GANGUE RELATIONSHIP: Sulfides are disseminated in granite and granite gneiss.

ATTITUDES:

SHAPE: Unknown.

LENGTH (STRIKE OR OTHER): Mineralized zone reportedly traced 1/2 mile N from bulldozed area. WIDTH: Unknown. THICKNESS: Unknown.

8. COUNTER TYPE: Precision Model 111 "Scintillator" Scintillometer.

BACKGROUND READING: .01 mR/hr.

AVERAGE READING FOR DEPOSIT: .02 - .04 mR/hr.

Maximum .21 mR/hr.

9. SAMPLE INFORMATION

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	SEU	CHEM. ASSAY (PERCENT)	LOCATION
W-101A		Iron-stained gouge along fracture.	.21 mR/hr. .043 eU		In granite exposed by bulldozing and blasting.

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10. UNPUBLISHED REFERENCES: None

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

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