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U. S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

USGS-PRM NO. M-1613  
DATE: June 14, 1955  
STATE: Idaho  
COUNTY: Bonner  
DISTRICT: Priest Lake

EXAMINED BY: Paul L. Weis, U. S. Geological Survey, Mrs. Soelberg, Owner.

DATE EXAMINED: May 19, 1955

- 1. NAME OF PROPERTY: Unknown sec. 30 T. 33 N. R. 3 W.
- 2. DIRECTIONS TO PROPERTY: Take road along E. side of Priest Lake to its end. Property is 1 mile N. 40° E. from that point.
- 3. OWNER OR LESSEE: Ray E. Soelberg, Kenneth Bagdon, James Rider  
ADDRESS: Spokane, Washington
- 4. PUBLISHED REFERENCES: None
- 5. MINE WORKINGS: One small prospect pit.
- 6. TYPE OF EXAMINATION: Reconnaissance for radioactivity.

- 7. DIAGNOSTIC DEPOSIT TYPE AND AGE: Pegmatite. Cretaceous (?)  
WALL ROCKS: Granite, pegmatite.
- ORE MINERALS, PRIMARY: Uraninite (?)
- ORE MINERALS, SECONDARY: Autunite
- GANGUE MINERALS: Quartz, feldspar, mica.
- ORE-GANGUE RELATIONSHIP: One small uraninite (?) crystal, surrounded by scattered autunite flakes, in pegmatite.

ATTITUDES: \_\_\_\_\_ SHAPE: \_\_\_\_\_  
 LENGTH (STRIKE OR OTHER): \_\_\_\_\_ WIDTH: \_\_\_\_\_ THICKNESS: \_\_\_\_\_  
Pegmatite pod is about 3 by 5 ft.  
 COUNTER TYPE: PRI Model III Scintillator Max.  
 BACKGROUND READING: 0.01 mr/hr AVERAGE READING FOR DEPOSIT: 5 mr/hr.

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	GRV	CHEM. ASSAY (PERCENT)	LOCATION
		Grab	0.26		Prospect pit.

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10. UNPUBLISHED REFERENCES: None

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

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