

2491

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USDC-GER NO. E-1588

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE: December 8, 1954

EXAMINED BY: P. L. Weis, Sam Rosenblum, U.S.G.S., Bernard Staum, Paul Hanson

STATE: Idaho

DATE EXAMINED: November 23, 1954

COUNTY: Boundary

DISTRICT: Unorganized

- 1. NAME OF PROPERTY: Mosquito Bay mine SEC. 10 T. 63 N. R. 4 W.
- 2. DIRECTIONS TO PROPERTY: Property is at north end of Priest Lake, 1/4 mile east of the Thoroughfare.
- 3. OWNER OR LESSEE: Bernard Staum and Paul Hanson.
ADDRESS: Paul Hanson, Priest River, Idaho
- 4. PUBLISHED REFERENCES: None

5. MINE WORKINGS: None

6. TYPE OF EXAMINATION: Reconnaissance for radioactivity

7. RADIOACTIVE DEPOSIT: None TYPE AND AGE: Granite, hornblende diorite (Mesozoic)
WALL ROCKS: Granite, diorite

ORE MINERALS, PRIMARY: None recognized

ORE MINERALS, SECONDARY: None recognized

GANGUE MINERALS: Feldspar, hornblende, quartz.

ORGANIC RELATIONSHIPS: ---

ALTITUDE: Unknown. Bounded outcrop approx 40 by 100 feet.
LENGTH (STRIKE OR OTHER): Unknown WIDTH: --- THICKNESS: ---

8. COUNTER TYPE: PRI model III "scintillator"
BACKGROUND READING: 0.01 mr/hr

AVERAGE READING FOR DEPOSIT: 0.3 mr/hr
Max: 0.6 mr/hr

9. SAMPLE INFORMATION:

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL	%U	CHEM. ASSEY (PERCENT)	LOCATION
		SAMPLED			
1		Granite ²	0.09		Discovery pit
2		Granite ²	0.07		Discovery pit
3		Granite ²	0.04		Discovery pit

"THE U. S. GEOLOGICAL SURVEY MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION IN THIS REPORT AND MAKES NO RECOMMENDATIONS CONCERNING IT."

10. UNPUBLISHED REFERENCES: None

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

DISTRIBUTION

AM. NEW YORK (1)	MIN. DEP., WASHINGTON (1)	MIN. DEP., SPOKANE (2)	MIN. DEP., MINO. DENVER (1)
AM. WASHINGTON (1)	MIN. DEP., ELIZAVILLE (1)	MIN. DEP., GRAND JUNCTION (1)	CON. GEOL., PLANT CITY (1)
AM. DENVER (1)	MIN. DEP., INDOVILLE (1)	MIN. DEP., (COLO.-WYO.) (1)	GEOPHYSICS, WASHINGTON (1)
AM. SALT LAKE CITY (1)	MIN. DEP., MADISON (1)	DENVER (1)	FUELS, WASHINGTON (2)
AM. DENVER (1)	MIN. DEP., JOPLIN (1)	MIN. DEP., (ARIZ.-N. MEX.) (1)	FUELS, DENVER (1)
AM. DENVER (1)	MIN. DEP., SALT LAKE CITY (1)	DENVER (1)	C. & P., WASHINGTON (1)
AM. DENVER (1)	MIN. DEP., MENLO PARK (1)	MIN. DEP., (REPORTS), DEN. (1)	ALASKA (TECH.), WASH. (1)