

2557

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PFR NO. M-1562

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE October 5, 1954

EXAMINED BY: P. L. Weis, Sam Rosenblum, U.S.G.S.; Wm. Morgan, co-owner

STATE: Idaho

DATE EXAMINED: September 30, 1954

COUNTY: Lemhi

1. NAME OF PROPERTY: 111 (one hundred eleven) claims (six claims) sec. 36 19 N. DISTRICT: Unorganized
 21 E.
 19 N. T. 19 N. W. 22 E.
 18 N. W. 21 E.
 19 N. W. 22 E.

2. DIRECTIONS TO PROPERTY: From junction of U.S. Hwy. 93 to Hwy. 28, in Salmon, Idaho, go south on 93 for 17.4 mi. Turn L. up gulch for 0.7 miles to bulldozer cuts. (Claim 1) from first turnoff on Hwy. 93, continue S. on Hwy. 93 1.1 mi. to Wells
 ADDRESS: Wm. Morgan & Tom Reid (Nichols Ranch, turn L. thru ranch yard and drive Salmon, Idaho (up hill to NE for 2.2 mi., along irrigation ditch, to claim No. 3.

4. PUBLISHED REFERENCES: Umpleby, J.B., 1913, Geology and ore deposits of Lemhi County, Idaho: U.S. Geol. Survey Bull 528.

5. MINE WORKINGS: Two bulldozer cuts, one 100 ft. long, 10 ft. deep; the other 300 ft. long, 4 ft. deep.

6. TYPE OF EXAMINATION: Reconnaissance for radioactivity—surface traverses with scintillation counter.

7. RADIOACTIVE DEPOSIT: No TYPE AND AGE: Rhyolite dikes in Belt quartzite; age unknown.
WALL ROCK: See above.

ORE MINERALS, PRIMARY: None.

ORE MINERALS, SECONDARY: Reported occurrence of autunite; none found during examination.

GANGUE MINERALS: See above.

ORE-GANGUE RELATIONSHIP: ---

ATTITUDE: ---
LENGTH STRIKE OR OTHER: Not determined.

SHAPE: ---
WIDTH: --- THICKNESS: ---

8. COUNTER TYPE: Model III "Scintillator"
BACKGROUND READING: 0.032-0.05 mr/hr

AVERAGE READING FOR DEPOSIT: 0.04 mr/hr.

9. SAMPLE INFORMATION:

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	SeU	CHEM. ASSAY (PERCENT)	LOCATION
<u>No samples taken.</u>					

"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 UNPUBLISHED REFERENCES: Unknown.

14. PROOF OF OWNERSHIP RECEIVED: No.

15. SUPPLEMENTAL REPORT TO FOLLOW: No

DISTRIBUTION

ASST. NEW YORK (1)	MIN. DEP., WASHINGTON (1)	MIN. DEP., SPOKANE (2)	MIN. DEP., DENVER (1)
ASST. WASHINGTON (1)	MIN. DEP., BELLEVILLE (1)	MIN. DEP., GRAND JUNCTION (1)	GEOL. SURV., PLAIN CITY (1)
ASST. BOSTON (1)	MIN. DEP., INDIANVILLE (1)	MIN. DEP., (COLL.-WYO.) (1)	GEOLOGICAL, WASHINGTON (1)
ASST. SALT LAKE CITY (1)	MIN. DEP., MADISON (1)	DENVER (1)	PUEBLO, WASHINGTON (1)
ASST. GRAND JUNCTION (1)	MIN. DEP., JOPLIN (1)	MIN. DEP., (ARIZ.-N. MEX.) (1)	PUEBLO, DENVER (1)
ASST. DENVER (1)	MIN. DEP., SALT LAKE CITY (1)	DENVER (1)	G. & F., WASHINGTON (1)
ASST. WASHINGTON (1)	MIN. DEP., DENVER (1)	MIN. DEP., (REPORTS), DEN. (1)	ALASKAN GEOL., WASH. (1)