

6573

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-FRR NO. M-830

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE: August 11, 1953

EXAMINED BY: F. C. Armstrong, P. L. Weis

STATE: Idaho

DATE EXAMINED: August 5, 1953

COUNTY: Lemhi

DISTRICT: Shoup

1. NAME OF PROPERTY: Squaw Creek monazite lodes. SEC. 4 T. 24 N. R. 19 E.
 Drive approx. 8 miles E. of Shoup on Shoup-Northfork highway. Turn left up
 2. DIRECTIONS TO PROPERTY: Squaw Creek road. Drive approx. 4 miles to end of road. Walk approx. 3/4 mile
up trail to right (west) of Squaw Creek. Prospects are on 2 ridges flanking E. side
 3. OWNER OR LESSOR: Buck Westfall, Dutchler Mtn. See accompanying map.
 ADDRESS: Shoup, Idaho.

4. PUBLISHED REFERENCES: None.

5. MINE WORKINGS: Small hand-dug trenches.

6. TYPE OF EXAMINATION: Radioactivity Reconnaissance in and near trenches. Authors were accompanied by
Earl Kimball, Russell Wood, Molybdenum Corp. of America, and Buck Westfall, owner.

7. RADIOACTIVE DEPOSIT: TYPE AND AGE: Replacement. Age unknown.
 WALL ROCKS: Hornblende, biotite-quartz-plagioclase schists, metamorphosed lime rocks, granitic
gneisses.
 ORE MINERALS, PRIMARY: Monazite, (rutile?) (columbite?).

ORE MINERALS, SECONDARY

GANGUE MINERALS: Siderite, specular hematite, magnetite, actinolite.

ORE-GANGUE RELATIONSHIP: Ore apparently replaced wall rock.

ATTITUDES: Strike N. 50 W., dip steep. SHAPE: Elongate, thin lenses.
 LENGTH (STRIKE OR OTHER): Maybe 1/4 mile or more. WIDTH: THICKNESS: 2-24 inches;
high-grade stringers.

8. COUNTER TYPE: Precision Model 111 "Scintillator" Maximum
 BACKGROUND READING: 0.01 mR/hr. BACKGROUND READING FOR DEPOSIT: .14 mR/hr. locally.

9. SAMPLE INFORMATION: None taken.

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	GRU	CHEM. ASSAY (PERCENT)	LOCATION

"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 UNPUBLISHED REFERENCES: None.

[Redacted box]

[Redacted box]

[Redacted box]

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

DISTRIBUTION

AVC. NEW YORK (1)	MIN. DEP., WASHINGTON (1)	MIN. DEP., SPOKANE (2)	MIN. DEP., KING, DENVER (1)
AVC. WASHINGTON (1)	MIN. DEP., BELLEVILLE (1)	MIN. DEP., GRAND JUNCTION (1)	GEN. GEOL., PLANT CITY (1)
AVC. DENVER (2)	MIN. DEP., IRONVILLE (1)	MIN. DEP., (COLO.-WYO.), DENVER (1)	GEOPHYSICS, WASHINGTON (1)
AVC. SALT LAKE CITY (2)	MIN. DEP., HATCHSON (1)	MIN. DEP., (ARIZ.-N. MEX.), DENVER (1)	FUELS, WASHINGTON (2)
AVC. GRAND JUNCTION (1)	MIN. DEP., JOPLIN (1)	MIN. DEP., DENVER (1)	FUELS, DENVER (1)
AVC. SALT LAKE CITY (2)	MIN. DEP., SALT LAKE CITY (1)	MIN. DEP., DENVER (1)	G. & P., WASHINGTON (1)
AVC. WASHINGTON (1)	MIN. DEP., MENLO PARK (1)	MIN. DEP., (REPORTS), DEN. (1)	ALASKAN GEOL., WASH. (1)