

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PRR D291
Date: Sept. 24, 1951
State: Idaho

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

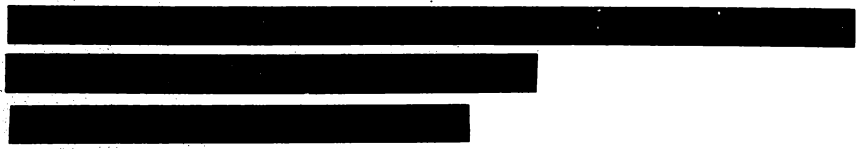
Examined by: J. C. Olson and D. R. Shaw
Date examined: Sept. 20, 1951

County: Lemhi
District: Birch Creek

1. Name of property: Divide Creek area Sec. 14 or 15 T. 16 S. R. 28 E Boise Meridian
2. Directions to property: Road which leads east from State Highway 28 about 1 mile S. of Gilmore is followed 9 1/2 miles to the mountain front at Divide Creek.
3. Owner or lessee: None. Examined at request of Mr. Wilson, Dubois, Idaho.
Address:
4. Published References: None.
5. Mine workings: None.
6. Type of examination: Radioactive traverse of surface and megascopic examination of hand specimens
7. Radioactive deposit: - Type and age: granitic mass several square miles in area; age not known.
Wall rocks: Rock surrounding granite not known.
Ore minerals, primary: Occurrence suggests possible monazite(etc?) in granite.
Ore minerals, secondary: Possible radioactivity in abundant hydrous iron oxides that are present?
Gangue minerals: Minerals of granite.
Ore-gangue relationship: Radioactive minerals probably disseminated in granite.
Attitude: Size and shape of granite mass not known; probably several square miles.
Length(strike or other) miles.
8. Counter type: Nuclear Model 2610 A. Background: 3 to 4 on .2 scale.
9. Sample information

Sample No.	Type	eU (percent) or c/m	Chem. Assay (percent)	Location
1622-I-3	Grab	Less than 0.01 eU	--	Sample taken near the point where Divide Creek leaves the mountain front, and on the slope N. of the creek.

(1 1/2-2 times background).
10. Unpublished references: None



14. Proof of ownership received: No property claimed.
15. Supplemental report to follow: None.

Distribution:

Herritt	(1)	Thurlow	(1)	McKelvey	(1)
Mineral Deposits, Washington	(9)	Oster	(1)	Fischer	(1)
TEPCO	(3)	ChP	(1)	Weissenborn	(1)
Hoisted	(1)	Fuels	(1)	Cathcart	(1)
Toude	(1)	Alaskan	(1)	Denson	(1)
		Geophysics	(1)	Page	(1)