

2468

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-FRR D-277

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

Date: September 28, 1951

Examined by: G. B. Gott and R. L. Erickson

State: Idaho

Date examined: September 17, 1951

County: Bear Lake

District: _____

1. Name of property: Evening Star Claim Sec. NW 34 T. 12 S., R. 45 E.
2. Directions to property: About 7 miles east of Montpelier on U. S. highway 89, on slope of hill above highway.
3. Owner or lessee: Unknown
Address: _____
4. Published references: U. S. Geol. Survey Bull. 430, pp.112-121, 1910.
5. Mine workings: One adit 4'x4'x20'; portal caved but accessible. Trench in front of portal for about 20'.
6. Type of examination: Geologic and radiometric.

7. Radioactive deposit: No. Type and Age: Malachite, azurite and brochantite(?) associated with carbonized wood fragments and plant remains in medium-grained, arkosic quartzite. The copper carbonates are also found disseminated in the quartzite and forming thin films on fractures. The deposit as a whole is not, or very little above background. A few individual specimens of carbonized fragments in quartzite cause a deflection of 4 divisions on 0.2 scale. AnKareh formation(?) Triassic.

Ore minerals, secondary: Malachite, azurite, brochantite (?)

Gangue minerals:-

Ore-gangue relationship: --
Attitude: N. 80°E., dip 25°N.E.

Shape: Tabular
Width: _____ Thickness: _____
Background: 2 div. on 0.2 scale.

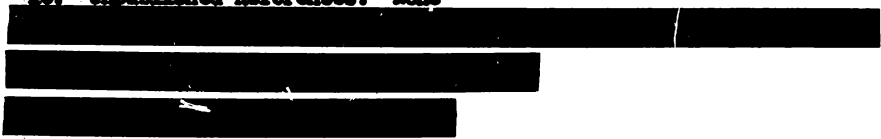
Length (strike or other): _____

8. Counter type: Nuclear-gamma-beta, 6" probe.

9. Sample information

Sample No.	Type	eU (percent) or c/m	Chem. Assay (percent)	Location
<u>GG-1-37</u>	<u>Grab (high graded)</u>	<u>.05 mr/hr</u>		<u>Selected pieces containing carbonized fragments from trench.</u>

10. Unpublished References: None



14. Proof of ownership received: No.

15. Supplemental report to follow? No.

Distribution:

<u>Murritt</u>	<u>(1)</u>	<u>Thurlow</u>	<u>(1)</u>	<u>McKelvey</u>	<u>(1)</u>
<u>Mineral Deposits, Washington</u>	<u>(9)</u>	<u>Oster</u>	<u>(1)</u>	<u>Fischer</u>	<u>(1)</u>
<u>TEPCO</u>	<u>(3)</u>	<u>G&P</u>	<u>(1)</u>	<u>Weissenborn</u>	<u>(1)</u>
<u>Hosted</u>	<u>(1)</u>	<u>Fuels</u>	<u>(1)</u>	<u>Cathcart</u>	<u>(1)</u>
<u>Toole</u>	<u>(1)</u>	<u>Alaskan</u>	<u>(1)</u>	<u>Denson</u>	<u>(1)</u>
		<u>Geophysics</u>	<u>(1)</u>	<u>Page</u>	<u>(1)</u>