

U. S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

LEGS-PRR NO. M 1525  
DATE: June 20, 1954  
STATE: Idaho  
COUNTY: Custer  
DISTRICT: Bayhorse

EXAMINED BY: F. C. Armstrong, USGS, and Keith Madill, company engineer  
DATE EXAMINED: August 24, 1953

- 1. NAME OF PROPERTY: Chalspar sec. 1 and 12 r. 13 N. r. 17 E. unsurveyed
- 2. DIRECTIONS TO PROPERTY: Take road 6 miles west from Challis, Ida. Then follow bulldozer jeep roads to deposit.
- 3. OWNER OR LESSEE: J. R. Simplot Co.  
ADDRESS: Boise, Idaho
- 4. PUBLISHED REFERENCES: Ross, C. P., 1938, Geology and ore deposits of the Bayhorse region, Custer County Idaho: U. S. Geol. Survey Bull. 877, 161 p.
- 5. MINE WORKINGS: Surface cuts only.
- 6. TYPE OF EXAMINATION: Reconnaissance for radioactivity.

7. HOST ROCK DEPOSIT: TYPE AND AGE: Vein, age unknown.  
WALL ROCKS: Bayhorse dolomite (Cambrian?)

- ONE MINERALS, PRIMARY: Fluorite.
- ONE MINERALS, SECONDARY: None
- GANGUE MINERALS: Dolomite
- ONE-GANGUE RELATIONSHIP: Fluorite-dolomite breccia.

ATTITUDE: Strike N-S; dip nearly vertical. SHAPE: Tabular  
LENGTH (STRIKE OR OTHER): 300 to 500 feet. WIDTH: 200 ± feet developed by topography. THICKNESS: 20 ± feet.

8. COUNTER TYPE: Scintillator III  
BACKGROUND READING: 0.17 mr/hr AVERAGE READING FOR DEPOSIT: 0.17 mr/hr

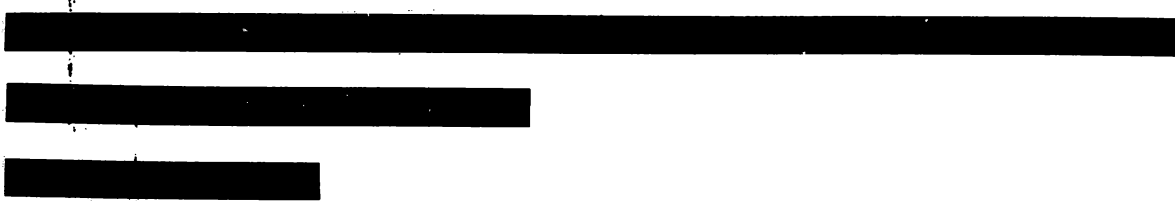
9. SAMPLE INFORMATION

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	GRV	CHEM. ASSAY (PERCENT)	LOCATION
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None taken

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10. UNPUBLISHED REFERENCES:



14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

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