

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

USGS-ZRR NO. M 1524
DATE: June 20, 1954
STATE: Idaho
COUNTY: Custer
DISTRICT: Bayhorse

EXAMINED BY: E. G. Armstrong, USGS, and Keith Madill, company engineer

DATE EXAMINED: August 24, 1953

1. NAME OF PROPERTY: Chalspar SEC. 3 T. 13 N R. 18 E.
2. DIRECTIONS TO PROPERTY: Take road from Challis, Idaho, 4.5 mi. west. Property on knoll to west.
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: Several surface cuts, 80-foot inclined shaft, stope, 300 feet of drifts.
6. TYPE OF EXAMINATION: Reconnaissance for radioactivity--trenches, stope, and diamond drill core examined.
7. MINERAL DEPOSIT: TYPE AND AGE: Vein, age unknown.
WALL ROCK: Bayhorse dolomite (Cambrian?)

ORE MINERALS, PRIMARY: Fluorite
ORE MINERALS, SECONDARY: None

GANGUE MINERALS: Dolomite

ORE-GANGUE RELATIONSHIP: Brecciated dolomite or massive fluorspar

ATTITUDE: Strike N. 15° W. Dip 87° E.
LENGTH (STRIKE OR OTHER): 400 feet WIDTH: 100 feet ^{SHAPE} Tabular THICKNESS: 6 inches to 2 feet.

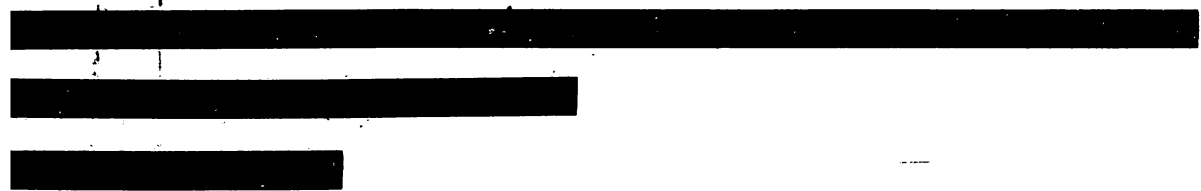
8. COUNTER TYPE: Scintillator III
BACKGROUND READING: 0.17 mr/hr AVERAGE READING FOR DEPOSIT: 0.17 mr/hr

9. SAMPLE INFORMATION:

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	SeU	CHEM. ASSAY (PERCENT)	LOCATION
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 UNPUBLISHED REFERENCES: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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