

2469

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-22R NO. M 1528

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE: June 21, 1954

EXAMINED BY: Paul L. Wells, USGS, with William Brooks, William Deacon, and Fred Hartnett

STATE: Idaho

DATE EXAMINED: June 16, 17, 1954

COUNTY: Blaine

DISTRICT: Hailey Gold Belt

1. NAME OF PROPERTY: Primitive Group (31 claims). Also secS 8,9,16,17 T. 1 N. R. 17 E. Boise Meridian known as Rustler Group.
2. DIRECTIONS TO PROPERTY: From Hailey, Idaho, go west up Croy Creek. From center of Hailey, .4 mi., cross Big Wood River. At 4.2 mi., turn left; at 4.3, keep right; at 9.4, turn left (south). At 9.8
3. OWNER OR LESSEE: /mi., first of claims are on right (west). At 10.2 mi. keep right; at 11 mi.,
ADDRESS: William Brooks underground workings.
Hailey, Idaho
4. PUBLISHED REFERENCES: Anderson, A. L., and Wagner, W. R., 1946, A geologic reconnaissance of the Hailey Gold Belt (Cannas district), Blaine Co., Idaho: Idaho Bur. Mines & Geol. Pamphlet 76.
Umpleby, J.B., Westgate, L.G., Ross, C.P., 1930, Geology and ore deposits of the
5. MINE WORKINGS: Wood River Region, Idaho: U. S. Geol. Survey Bull. 814.
3 tunnels, one of which is filled with water. Numerous bulldozer trenches.
6. TYPE OF EXAMINATION: Reconnaissance for radioactivity.

7. RADIOACTIVE DEPOSIT: Yes TYPE AND AGE: Quartz veins with gold, silver, lead, zinc, copper, uranium.
WALL ROCKS: Quartz monzonite.

ORE MINERALS, PRIMARY: Galena, tetrahedrite, sphalerite.

ORE MINERALS, SECONDARY: Malachite, wulfenite, metatorbernite, chrysocolla.

GANGUE MINERALS: Quartz, iron and manganese oxides.

ORE-GANGUE RELATIONSHIP: Ore minerals are disseminated or in lenses and pods in quartz vein.

ATTITUDES: Veins strike E-W., 40-ft quartz vein dips 40°-50°N.; SHAPE
LENGTH (STRIKE OR OTHER): smaller veins dip 40°-50°S. WIDTH THICKNESS
40-foot vein at least 3 miles long.

8. COUNTER TYPE: Model III "Scintillator" scintillometer.
BACKGROUND READING: 0.017 mr/hr AVERAGE READING FOR DEPOSIT: Approx. 0.04 mr/hr

9. SAMPLE INFORMATION

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

Six samples taken; results not yet available.

"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 UNPUBLISHED REFERENCES: None

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: Yes

DISTRIBUTION

ACC. NEW YORK (1)	MIN. DEP., WASHINGTON (1)	MIN. DEP., SPOKANE (2)	MIN. DEP., KING DENVER (1)
ACC. WASHINGTON (1)	MIN. DEP., BELLEVILLE (1)	MIN. DEP., GRAND JUNCTION (1)	GEN. GEOL., PLANT CITY (1)
ACC. DENVER (2)	MIN. DEP., KNOXVILLE (1)	MIN. DEP., (COLO.-WYO.) DENVER (1)	GEOPHYSICS, WASHINGTON (1)
ACC. SALT LAKE CITY (2)	MIN. DEP., MADISON (1)	MIN. DEP., (ARIZ.-N. MEX.) DENVER (1)	FUELS, WASHINGTON (2)
ACC. GRAND JUNCTION (1)	MIN. DEP., JERLIN (1)	MIN. DEP., DENVER (1)	FUELS, DENVER (1)
TRACED, REG. DENVER (2)	MIN. DEP., SALT LAKE CITY (1)	MIN. DEP., (REPORTS), DEN. (1)	G. & P., WASHINGTON (1)
TRACED, GPO, WASHINGTON (1)	MIN. DEP., MENLO PARK (1)		ALASKAN GEOL., WASH. (1)