

21635

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

USGS-PRE NO. M-1590

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

DATE: December 8, 1954

EXAMINED BY: P. L. Weis, Sam Rosenblum, Vern Fryklund, U.S.G.S.
Mr. Robert Rice, Mr. Schiller

STATE: Idaho

DATE EXAMINED: November 24, 1954

COUNTY: Shoshone

DISTRICT: Unknown

1. NAME OF PROPERTY: Lucky Strike "A" and King's Pass sec. 2 T. 49 N. R. 4 E. 1 through 5
2. DIRECTIONS TO PROPERTY: From Delta, take King's Pass road for 1/2 mile, turn left and drive up Lake Creek road, approximately 1 1/4 miles.
3. OWNER OR LESSEE: Northfork Mining Co.
ADDRESS: Wallace, Idaho
4. PUBLISHED REFERENCES: Shannon, Phillip, 1938, Geology and ore deposits near Murray, Idaho: Idaho Bur. Mines and Geol. Pamphlet 47.
5. MINE WORKINGS: 2 adits: one 90 ft, the other 399 ft.
6. TYPE OF EXAMINATION: Reconnaissance for radioactivity.

7. RADIOACTIVE DEPOSIT: NO TYPE AND AGE
WALL ROCKS: Pre-Cambrian Belt series (white quartzite; probably Revett).

ORE MINERALS, PRIMARY: Sphalerite

ORE MINERALS, SECONDARY: Fe oxides

GANGUE MINERALS: Quartz, siderite, pyrite

ORE-GANGUE RELATIONSHIP: Disseminated sulfides in breccia zone.

ATTITUDE: Unknown

LENGTH (STRIKE OR OTHER): 15 ft

WIDTH: 2 ft

SHAPE: Unknown

THICKNESS: Unknown

8. COUNTER TYPE: PRI Scintillator Model III
BACKGROUND READING: 0.01 mr/hr

AVERAGE READING FOR DEPOSIT: 0.015 mr/hr (Max. 0.12 mr/hr)

9. SAMPLE INFORMATION

SAMPLE NO.	LOT NO.	TYPE AND MATERIAL SAMPLED	%U	CHEM. ASSAY (PERCENT)	LOCATION
1		Clay gouge	0.0077	—	Upper adit, right wall, 70 ft from portal.
2		Clay gouge	0.028	—	Upper adit, right wall, 90 ft from portal.

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10. UNPUBLISHED REFERENCES: DMEA memorandum Rept. (property is being explored for lead-zinc under DMEA contract).

14. PROOF OF OWNERSHIP RECEIVED: No

15. SUPPLEMENTAL REPORT TO FOLLOW: No

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