

2572

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

USGS-PFR NO. M-829
DATE: Idaho
STATE: Lemhi
COUNTY: Shoup
DISTRICT: _____

EXAMINED BY: F. C. Armstrong and P. L. Weis

DATE EXAMINED: August 3, 1953

1. NAME OF PROPERTY: Spring Creek monazite lodes. SEC. 5 T. 24 N. R. 19 E.
2. DIRECTIONS TO PROPERTY: 1 1/2 miles E. of Shoup on Shoup-Northfork highway. Turn N. up Spring Creek. 2 miles up Spring Creek turn E. up right hand fork. 1 mile from fork take right hand road 1/4 mile to deposit. See accompanying map.
3. OWNER OR LESSEE: Buck Westfall
ADDRESS: Shoup, Idaho

4. PUBLISHED REFERENCES

5. MINE WORKINGS: Bulldozer trenches.

Radioactivity

6. TYPE OF EXAMINATION: Reconnaissance of trenches. Accompanied by Mr. Buck Westfall, owner.

7. RADIOACTIVE DEPOSIT: TYPE AND AGE: Monazite-bearing lime silicate lenses in gneiss and schist. Age unknown
WALL ROCKS: Quartz-plagioclase-biotite-hornblende-actinolite schists and gneisses, porphyritic granite gneiss, metamorphosed carbonate rocks.
ORE MINERALS, PRIMARY: Monazite (columbite?, rutile?)

ORE MINERALS, SECONDARY

GANGUE MINERALS: Siderite, calcite, actinolite, barite (?)

ORGANIC RELATIONSHIP: Ore later than, and replacing part of wall rock.

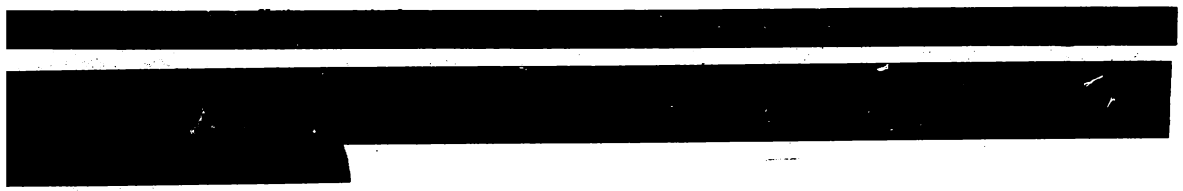
ATTITUDE: Approx N. 50 W., dip steep + 90 SHAPE: Elongate thin lenses.
LENGTH (STRIKE OR OTHER): 1/4 mile? WIDTH: ? THICKNESS: 2-2 1/2 inches?

8. COUNTER TYPE: Precision Model 111 "Scintillator" Maximum
BACKGROUND R/ADPHM: _____ READING FOR DEPOSIT: 0.4 mR/hr.

| SAMPLE NO. | LOT NO. | TYPE AND MATERIAL SAMPLED | %U | CHEM. ASSAY PERCENT | LOCATION |
|------------|---------|---------------------------|------|---------------------|---------------------------|
| FCA-8A | 1685 | Vein | .036 | | Silver King no. 13 claim. |
| FCA-9A | 1685 | Vein | .032 | | Silver King no. 2 claim. |

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10. UNPUBLISHED REFERENCES: Recommendation for U.S.G.S. project, W. N. Sharp, of U. S. Geol. Survey, 1952.



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