U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

EXAMINED BY: E. C. Armstrong, P. L. Weis

DATE EXAMINED: August 5, 1953

DISTRICT: Shoup

1. NAME OF PROPERTY: Squaw Creek molybdenite lodes.
   EXP. 1 in. 2th N. 19 E.

2. DIRECTIONS TO PROPERTY: Squaw Creek road. Drive approx. 1 mile south to Squaw Creek on Squaw-Northfork highway. Turn left up trail to right (west) of Squaw Creek. Prospects are on 2 ridges flanking west side of creek.

3. CHARGE OR LEGEND: Buck Westfall.
   ADDRESS: Shoup, Idaho.

4. PUBLISHED REFERENCES: None.

5. MINERALOGY: Small hand-dug trenches.

6. RADIOACTIVITY: Reconnaissance in and near trenches. Authors were accompanied by Earl Kickball, Russell Wood, Molybdenum Corp. of America, and Buck Westfall, owner.

7. RADIOACTIVE REPORT: No new replacement. Age unknown.

8. MINERALOGY: Hornblende, biotite-quartz-plagioclase schists, metamorphosed lime rocks, granitic gneisses.

9. MINERAL, PRIME: Konazite, (rutilite?) (columbite?).

10. MINERAL, ACCOMPANYING: None.

11. ORGANIC MINERAL: Siderite, specular hematite, magnetite, actinolite.

12. ORGANIC RELATIONSHIP: Ore apparently replaced wall rock.

13. ATTACHMENTS: Strike N. 20 W., dip steep.

14. COUNTER-TYPE: Precision Model III "Scintillator" Maximity

15. BACKGROUND COUNTING 0.01 mR/hr.

16. NEUTRON COUNTING FOR DEPOSIT 0.1 mR/hr. locally.

17. SAMPLE INFORMATION:

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<th>SAMPLE NO.</th>
<th>LOT NO.</th>
<th>TYPE AND MATERIAL</th>
<th>RAY</th>
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<th>LOCATION</th>
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18. UNPUBLISHED REFERENCES: None.

19. SUPPLEMENTAL REPORT TO FOLLOW: No

20. EXTENT OF OWNERSHIP RECEIVED: No