

Mining District: FORT SAGE MOUNTAIN URANIUM PROSPECTS, SEVEN LAKES
MOUNTAIN AREA
(Uranium)

T. 23-24-25 N., R. 18-19 E.
Washoe County, Nevada
USGS Dogskin Mountain 15-min. quadrangle (1957)

GENERAL BACKGROUND

Numerous uranium prospects are located in area NW-21-2. To facilitate discussion, the area has been divided into two smaller geographic areas; each of which will be considered separately.

I. Fort Sage Mountain Uranium Prospects

Several uranium prospects are located in sections 6 and 8, T. 24 N., R. 18 E., on the south slope of State Line Peak in the Fort Sage Mountains. These prospects were not examined by the writers; AEC records indicate there apparently has been no production.

GEOLOGICAL AND TECHNICAL DATA

At a uranium prospect in section 6, autunite reportedly occurs at coatings on pebbles and in small pockets in sandstone. Two samples assayed by the AEC contained 0.04 and 0.05 percent equivalent U_3O_8 . In section 8, torbernite, autunite, and carnotite(?) are present in a fault zone in metamorphic rocks. No samples were analyzed, but reportedly a high thorium content was recorded (2).

POTENTIAL FOR DEVELOPMENT

The uranium prospects in the Fort Sage Mountains are indicated to be economically submarginal. A minor amount of ore-grade material may be present at these properties, but when compared with other, more favorable areas in the planning unit, it is unlikely that any production will come from the Fort Sage Uranium Prospects in the future.

Past activities in the area have been confined to the excavation of prospect pits.

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COMPANIES AND CLAIMANTS ACTIVE IN AREA

- | | |
|---|---|
| 1. DONALD Group
S. P. Miller
2491 W. 133 Ave.
San Leandro, Calif.
(2 lode claims) | 2. BLACK HAWK Group
H. E. Lupton
Herlong, Calif.
(9 lode claims) |
|---|---|

II. Seven Lakes Mountain

Seven Lakes Mountain is located south of Fort Sage Mountain and north of Petersen Mountain. Several uranium prospects are located in sections 16, 19, 26, 27, 30, and 31, T. 24 N., R. 18 E. The properties were originally located during the uranium "boom" of the 1950's, but there has been no apparent production from any of the prospects. The area was not examined by the writers.

GEOLOGICAL AND TECHNICAL DATA

The oldest rocks exposed on Seven Lakes Mountain are ash-flow tuffs of the Hartford Hills Rhyolite. These rocks are overlain by volcanic rocks and associated sediments of the Pyramid Sequence.

Uranium mineralization occurs in fault zones and carbonaceous lenses in Tertiary ash-flow tuffs of the Hartford Hills Rhyolite. Autunite(?) and other unidentified uranium minerals have been reported, and assayed samples collected from several properties by the AEC averaged less than 0.10 percent equivalent U_3O_8 (2).

POTENTIAL FOR DEVELOPMENT

Some ore-grade uranium mineralization is reported to be present in a few prospects on Seven Lake Mountain. As the price of uranium rises, the area will again be of interest to prospectors. However, unless more promising ore bodies are discovered or a serious depletion in uranium stockpiles exists, the potential for production from the present properties seems slight.

Past mining operations consist of numerous prospect pits. Future workings, if any, would consist of open-pit or underground workings, or a combination of both.

COMPANIES AND CLAIMANTS ACTIVE IN AREA

The following list identifies some of the claimants in the Seven Lakes Mountain area:

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- | | | |
|--|--|--|
| 1. INDEPENDENCE Group
Paul Langslet
882 Main, Susanville, CA
(12 lode claims) | 2. NORMA J Group
Paul Langslet
(9 lode claims) | 3. CRESENT Group
Robert McPherson
Star Rt. 2, Box 75
Susanville, Calif. |
| 4. BUCKEYE Group
W. Howard Davis
(8 lode claims) | | |

SELECTED REFERENCES

1. Bonham and Papke: Geology and Mineral Resources of Washoe and Storey Counties, Nevada; Nev. Bur. Mines Bull. 70, 1969.
(Includes Geologic Map of Resource Area)
2. US AEC: Reports of Uranium Investigations, 1955 (unpublished).

FIELD EXAMINATION

Not examined.

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Washoe Co. - general

Item 51

taken from:

Mineral Resources Inventory and Analysis

of the

Long Valley Resource Area

Carson City District

Nevada and California

*includes: Ft. Sage Mtn. Uranium
Stateline Peak*

by

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