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NW-33-7

Au, Ag, W, U

Item 23

Mining District: SAND SPRINGS
(Gold, Silver, Tungsten, Uranium)

T. 16-17 N., R. 32-33 E.
Churchill County, Nevada
AMS Reno Map Sheet 1971

GENERAL BACKGROUND

Gold deposits were first discovered in the district in 1906. Total recorded production from the district is \$1.7 million in gold and silver. Essentially all of the production has come from the Dan Tucker-Summit King mines.

Some tungsten has been produced from properties in the area, but the total amount is not known.

Two uranium prospects were located in the district in the 1950's. There has been no production, and development consists of location pits.

GEOLOGICAL AND TECHNICAL DATA

Quartz veins cut metamorphic rocks, volcanic rocks and andesite and rhyolite dikes. The veins are 2 to 10 feet thick and consist of quartz, fault breccia, and locally abundant calcite and pyrite. Ore minerals are free gold, cerargyrite, and argentite.

Small tungsten deposits occur in limestone that has been intruded by granitic rocks. Scheelite and powellite are associated with other skarn minerals.

The Bluebird uranium prospect (sec. 13 or 24, T. 16 N., R. 32 E.) contains a yellow uranium mineral in a small quartz vein. Highest radioactivity is 0.14 mR/hr over the background.

The Johnson uranium prospect (sec. 19, T. 16 N., R. 33 E.) contains anomalous radioactivity associated with rhyolitic flows. A sample assayed 0.01 per cent $eU_3O_8(2)$.

POTENTIAL FOR DEVELOPMENT

Most of the gold and silver production has come from two mines. The area is being actively prospected in hopes that additional ore deposits will be found. If any gold and silver production occurs it will probably be sporadic unless large volumes of low grade ore can be delineated.

Bennett, 1975

None of the uranium occurrences are economic.

The small size and low grade of the known tungsten deposits suggest that there will be no development in the near future.

COMPANIES AND CLAIMANTS ACTIVE IN AREA

- | | |
|---|--|
| 1. EILEEN Group
John and Elsie Bracken
40 So. Carson
Fallon, Nevada
(lode claims) | 2. APRIL FOOL, SL, TARA, SCOTT Group
H. D. Curry
548 N. Hills Drive
Salt Lake City, Utah
(lode claims) |
|---|--|

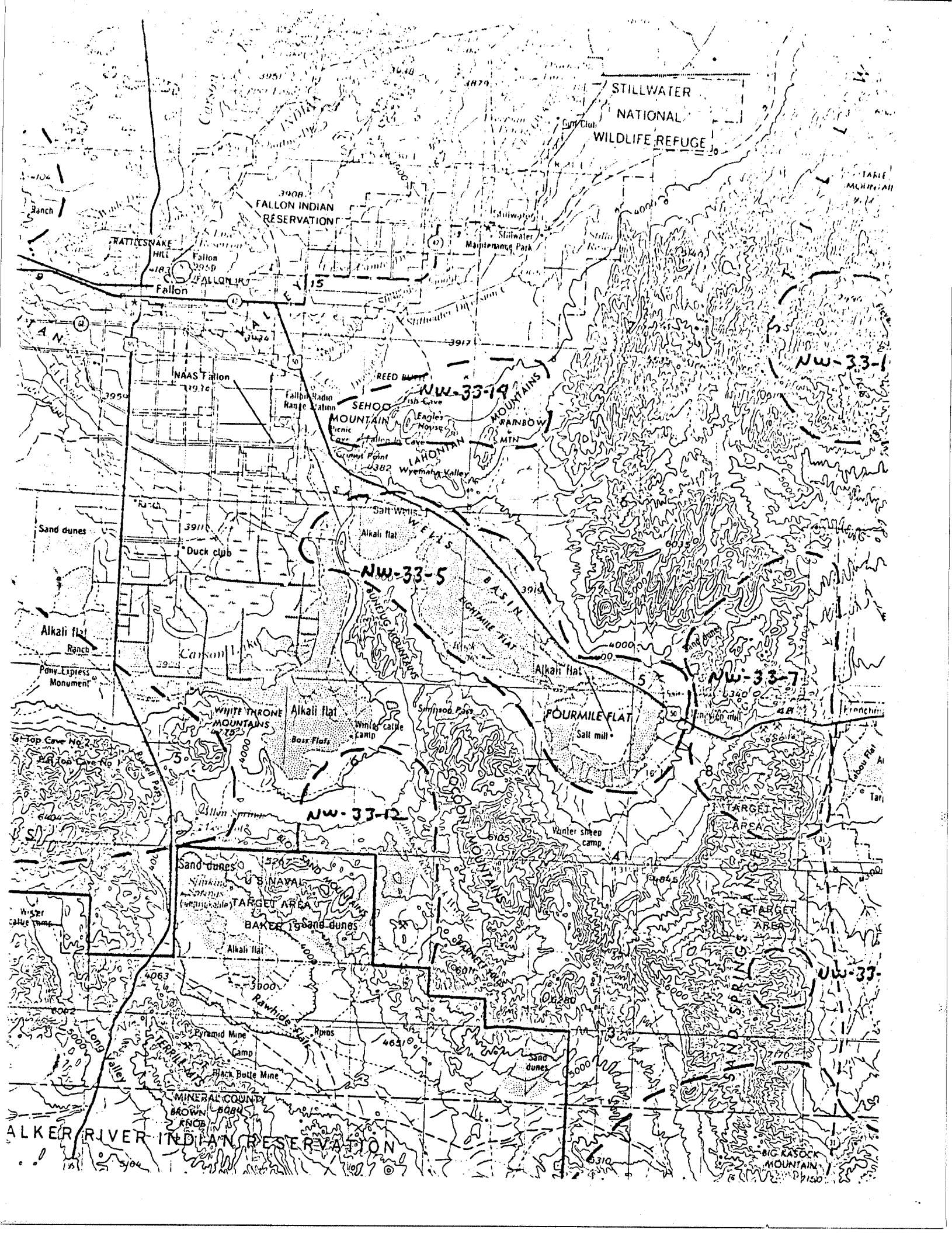
SELECTED REFERENCES

1. Vanderburg, 1940, Reconnaissance of mining districts in Churchill County, Nevada.
2. Willden and Speed, 1974, Geology and mineral deposits of Churchill County, Nevada.

FIELD EXAMINATION

Bennett, 1975

Bennett, 1975



Taken from:

Mineral Resources Inventory and Analysis

of the

Clan Alpine Planning Unit

Carson City District

by

R. E. Bennett and C. L. Hoke

1975

*for complete introduction
see Churchill Co.-general
files Item 17*