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(FLAT CREEK)

REBEL CREEK TUNGSTEN

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EN 28

~~ECON GEOL. 1955 V. 50 No. 7 p. 665-668~~
B & MJ 1912 (93) p. 39 ^{SCARLETT M.} GOLD BELLS
~~NEAR REBEL CRK~~

(US BM) - MINERAL RESOURCES 1910 p. 748

14 M NE OF REBEL CREEK PO 1913 p. 356

PARADISE
MTNS.

NEW GOLDFIELD DISTRICT, AT

~~BROWN~~ REBEL CREEK

1910 WARREN MNG & HLG CO'S MINE - NO PRODUCTION

GOLD, CINNABAR & SCLEROTIN FROM SMALL
WASHING PLANT IN 1952

Winnemucca, Nevada
November 11, 1943 Item 3

Memorandum on

The Flat Creek Tungsten Property

Santa Rosa Mountains, Humboldt County, Nevada

by

Peter Joralemon

Location

On November 6 and 8, 1943, I visited the Flat Creek tungsten property in the Santa Rosa Mountains. The property, held by A.N. Hawkins of Winnemucca, Nevada, lies between the north and south branches of Flat Creek. The road turns east from U.S. Highway 95, 11.9 miles north of Oroville. The property may be reached either by the north or south branch road but the south branch road terminates 8.4 miles from the highway at an altitude of 7000 feet, which is the elevation of the property, while the north branch road ends 700 feet below the property. The south branch road is 1.5 miles south of the property and the north branch road is only a few hundred feet from it.

Development Work and Equipment

A wheel barrow and several hand steels were found on the property. The development work is almost entirely old work done for gold and silver. There are seven shallow trenches and pits, 2 tunnels (300 and 400 feet), and a narrow irregular inclined corkscrew shaft.

Geology

The property is underlain by micaceous schist, and irregular quartz bedding vein, and many smaller quartz offshoots from this vein. The schist and the main quartz vein strike from north to N 20 E and dip from 20 to 50 degrees east. The main quartz vein varies in width from 2 to 8 feet.

The vein is reported to carry \$400/ton in gold and silver, as well as some scheelite. When I was at the property, the shaft, reported to carry tungsten, was inaccessible, and the underhand stope in the lower and northernmost tunnel, also reported to contain scheelite, was submerged under several feet of water.

Scheelite Deposits and Ore Reserves

Because of the inaccessibility of the tungsten workings, I have had to depend upon oral communication with Mr. Hawkins and Dr. Calder of Winnemucca for my information. In the shaft a 1-foot width of high-grade scheelite ore in quartz is reported. Its lateral and vertical extent could not be determined. Low-grade scheelite is said to be in part of the lower tunnel, averaging 0.1-0.2% WO₃.

Because of the inaccessibility of the workings and of the property, the narrow width of ore, and the owner's lack of enthusiasm, it is doubtful whether any scheelite ore will be shipped. Several tons of 10% WO₃ ore could probably be hand-sorted when the property dries out next spring.

T. B. Nolan (3)
S. G. Lasky
D. M. Lemmon
File

north on contour. The vein is opened by a shaft and 2 adits. These workings were inaccessible in 1943. It is reported that high-grade scheelite in quartz was found in a one-foot band in the shaft, and that small amounts of scheelite, estimated at 0.1 - 0.2 percent of WO_3 , were present in an underhand stope below the lower adit.

The occurrence of scheelite at Flat Creek may be the same as that reported in 1910 from "14 miles northeast of Rebel Creek."

Hess, F. L., Tungsten: Mineral resources of the U. S. 1910;
U. S. Geol. Survey, p. 743, 1911.

Flat Creek — *BUCKSKIN NATIONAL DIST.*

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Between the north and south forks of Flat Creek, a little schistite is found in a gold-bearing quartz vein 2 to 8 feet thick in mica schist. The property, owned in 1943 by A. W. Hawkins and called the Mountain Queen, can be reached from U. S. Highway 95 at a point 11.9 miles north of Oroville by following a dirt road 8.4 miles to its terminus in the south fork of Flat Creek, then walking 1.5 miles