

MEMORANDUM

THE GOLDFIELD CONSOLIDATED MINES COMPANY

SAN FRANCISCO, CALIFORNIA

GENERAL TUNGSTEN PROPERTY,
MINERAL COUNTY, NEVADA

near Silver Dyke & Mina

ITEM
33

SUBJECT

DATE October 22, 1937

TO E. A. JULIAN

FROM H. N. WITT

This property is near the east end of the Excelsior Mountains about 12 miles southeast of Mina and a mile northwest of the Silver Dyke property of Nevada Massachusetts Tungsten Company, near the crest of the range at an elevation of nearly 8,000 feet. It is reached by good desert road from Mina for about 10 miles to a point near Pepper Springs, thence by mountain trail to the property. A road following this trail to the property is now under construction with WPA funds and is expected to be completed before snow flies. This, however, seems doubtful. Without this road all supplies must be packed in on horses.

Camp buildings on the property include fully equipped boarding house, bunk houses with cots and mattresses for 15 men. The Camp and principal workings are on a south slope and would probably be free of snow except in severe winters.

I visited the property with Mr. George Thompson on October 7th, 1937 but did no sampling.

HISTORY

This property was first located in the 70s during the Bodie boom at which time the so-called Bodie shafts were sunk (see map) from which rich ore is reported to have been shipped. The claims were relocated at the time of the Atkins-Kroll operations at Silver Dyke during the World War. They were under option to Atkins Kroll but both options and claims were dropped at the end of the War.

Messrs. Thompson and Summerfield of Mina relocated the claims in 1924 and organized the General Tungsten Corporation to which the claims were assigned. The property was examined for the Tonapah Belmont Company by Blackburn in 1929. Some of the results of his sampling are available. It was also examined by the Yukon Treadwell Company.

In 1931 a rich tungsten shoot was discovered on the surface and a shipment of 350 tons was made to the Wagner Mill at Silver Dyke. This assayed 31% WO₃, and about \$20.00 in gold and silver.

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In 1931 the property was under option to J. W. Finch who is stated to have reported favorably but was unable to finance.

In 1933 a report was made for the owners by E. A. Bedford, copy of which is available. This report is full of pompous verbiage and is of little value.

In January 1937 application was made to the RFC for a development loan. After examination by R. A. Hardy, the loan was granted in March 1937. Most of the work was done in extending the southeast adit tunnel but some of the funds were expended in surface trenching and purchasing of equipment. According to the owners, this lead to a dispute with the RFC and the cancellation of the loan. It seems more probable, however, that the cancellation was due to the fact that the southeast adit tunnel failed to continue in good ore. The corporation still owes the RFC the sum of \$6400.00 which is payable in March 1939 but can probably be postponed.

GEOLOGY

The so-called "Silver Dyke" is a wide siliceous zone or vein coursing NW-SE across Excelsior Mountains dipping steeply SW. It is reported to be traceable in out crop from the Silver Dyke Camp to the Garfield Flat. In the vicinity of the General Tungsten property the vein is in addessite with width reported as great as 200 feet. The out crop is prominent and can be easily traced. Below the andesites is a series of massive lime stones exposed in the lower canyons followed by the trail from Garfield Flat. These are unconformably overlain by the andesites which must be 200 to 1500 feet thick. It is reported that at the Silver Dyke Camp, which is about 800 feet lower than the General Tungsten property, the Silver Dyke vein is in the underlying lime stones with some granitic intrusions but that the vein can be traced in out crop into the overlying andesites.

At the Silver Dyke property values are reported to be wholly in tungsten occurring in lens-like shoots within the vein. At the General Tungsten property values are in gold,

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silver and tungsten, with silver predominating.

The vein material exposed on the General Tungsten property is that of a typical tertiary volcanic quartz vein consisting of fine grain quartz and chalcedony, often finely banded in the vicinity of good ore, and containing numerous druzy cavities and angular inclusions of andesite. The vein has been well sheared by subsequent movement and breaks easily. Occasionally the walls are defined by gouges but more often the vein fades off into stringer zones in the andesite.

The General Tungsten property consists of seven claims covering about 4,000 feet of out crop. Between this property and the Silver Dyke property, lies the Hegland Group, it being about one claim length between the east and line of the General Tungsten and the west end line of the Silver Dyke property. Most of the development on the General Tungsten has been done against the hanging wall side of the vein. This consists of two drift tunnels, several short cross cut tunnels and numerous shallow shafts, open cuts and trenches, most of which are shown on the attached map. The northwest drift adit, about 300 feet long, has apparently disclosed no ore of importance. The southeast drift adit, over 300 feet long, has reached a point under the high grade tungsten shoot about 100 feet below it and is reported to have disclosed a shoot of gold-silver ore, averaging about \$15.00 for the width of the drift, for a distance of about 125 feet. Values are reported lower in the present face. In the shallow shafts and surface cuts between these two drift tunnels, gold, silver and tungsten values have been found as indicated on the map. It is hoped that much of the vein will be found to average about 1/10 oz. gold, ten to twelve ozs. silver and perhaps 3/10% WO₃. However, a thorough and costly sampling job will be necessary to establish this.

COMMENT

This property has some promise for development of a large tonnage of low grade ore. However, no sampling of the property is warranted until the completion of the road. Further study with some pilot sampling seems to be warranted if suitable options can be secured.

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