

3490 0007

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(204)

Item 7

Memorandum on  
SILVER STAR TUNGSTEN-COPPER CLAIMS  
Mineral County, Nevada

Abstract

The Silver Star claims are located in the Hawthorne (Pamlico?) mining district, Mineral County, Nevada, 12 miles southeast of Hawthorne. A good dirt road passes within a mile of the property. A compass and pace traverse indicates that most of the two claims lie within the U. S. Naval Reservation, Hawthorne Ammunition Depot.

Small lenses of tactite, and quartz and limonite, both of which contain small amounts of scheelite and oxidized copper minerals, occur at or near the contact between a marble-metavolcanic sequence and a monzonite stock. There are no reserves of mineable tungsten or copper ore.

Location

On March 28 I visited the Silver Star claims (nos. 1 and 2) located in the Hawthorne (Pamlico?) mining district, Mineral County, Nevada. They lie in a saddle in the Garfield Hills, at elevations between 5100' and 5400'. To reach the property from Hawthorne drive east on U. S. Highway No. 95 for 8.2 miles; turn right on the Pamlico-La Panta dirt road and continue south to the Farrington Springs intersection, a distance of 3.7 miles; then walk southwest along the saddle for 3500' to reach the center of the property.

A compass and pace traverse indicates that claim no. 2 and part of claim no. 1 lie within the boundary of the U. S. Naval Reservation, Hawthorne Ammunition Depot. As the claims were located



after the U. S. Navy acquired the property, the locators have no mineral rights on that part of the property that lies within the reservation.

#### History and Ownership

The claims were located in October 1942 by Earl C. and Helen Kaylor. In March 1943 application for a loan to develop the Silver Star mine was filed at the R. F. C. office in Reno by J. E. Bunker, 817 Stewart Avenue, Las Vegas, R. F. Bugental, 685 Luton Drive, Glendale, Calif., and Earl C. and L. J. Kaylor, North Las Vegas, Nevada.

Five assay returns, marked as follows, accompanied the application:

Las Vegas Assay Office	No. 1	Not present
" " " "	No. 2	Estimate-1%
" " " "	Pit sample	1.12 % WO <sub>3</sub>
" " " "	Scheelite	1.15 % WO <sub>3</sub>
R. A. Perez		3.6 % WO <sub>3</sub>

The loan was not granted.

#### Equipment

One pick, four sticks of dynamite, and six blasting caps were found on the property.

#### Production

There has been no production from the property according to statement made on application for R. F. C. loan.

#### Geology

The claims lie along the contact between a marble-metavolcanic sequence and a monzonite stock (see sketch map). The metamorphic rocks have been folded, but on the claims they strike rather uniformly northwest and dip steeply northeast. The outcrop pattern



suggests that the rocks may be isoclinally folded, or that the limestone beds and the volcanics were lenticular. Small pods that contain a little scheelite and oxidized copper minerals have formed along the marble-monzonite contact, along the marble-volcanic contact, and locally within the marble formation.

#### Scheelite-Copper Deposits

Small lenses of quartz, quartz and limonite, garnet tactite, or a combination of all three occur here and there along the contacts or within the marble. Many of these contain no scheelite and only stains of copper; some contain narrow streaks of low grade scheelite; the two best showings are about 1' wide, can be traced for 25' along the strike, and may contain 0.5%  $WO_3$  and 2% Cu. Green fluorescent opal (?) and rose fluorescent calcite are abundant, and some of the dumps are spectacular when viewed under ultra-violet light.

The 1% assays cited above must represent carefully picked specimens.

#### Reserves

There is little likelihood that any mineable reserve of tungsten or copper ore exists on the property.

M. R. Klepper (signed)

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

M. R. Klepper  
Assistant Geologist  
Mill City, Nevada  
April 1, 1943



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Klepper  
April 1, 1942

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#### Scheelite-Copper Deposits

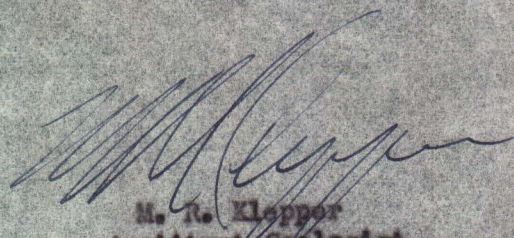
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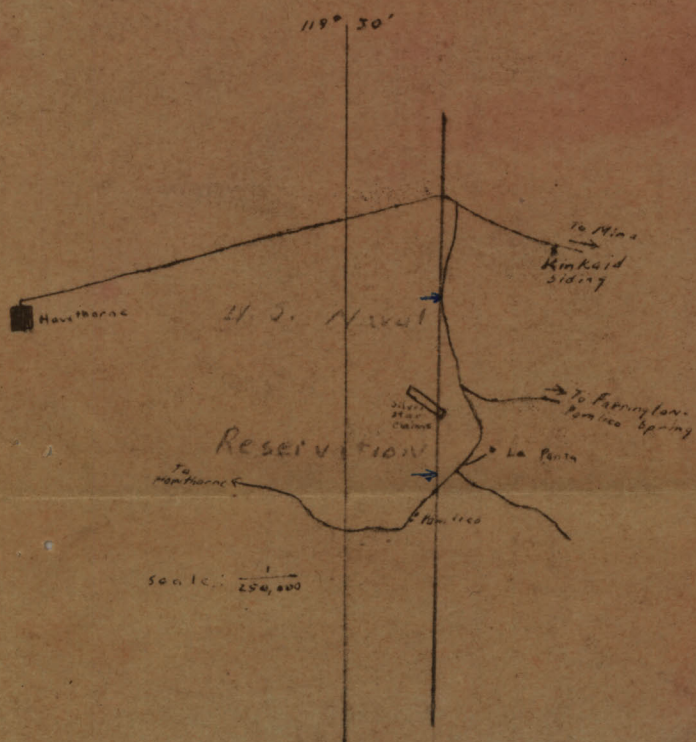
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M. R. Klepper  
Assistant Geologist  
Mill City, Nevada  
April 1, 1943





Part of Hawthorne, Nev.-Cal. Quadrangle  
showing location of Silver Star  
Claims

