

Huntington-Kane
ESMERALDA CO.

1860 COS52

ITEM 26

REPORT ON
THE COPPER KING GROUP
OF CLAIMS
IN
FISH LAKE VALLEY
ESMERALDA COUNTY, NEVADA

SEPTEMBER 5th 1917

by

A. T. BACKS.

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THE COPPER KING GROUP OF CLAIMS

SEPT. 5th 1917

LOCATION: The Copper King Group of claims is situated in what has been known as the White Wolf Mining District, but at present unknown, Esmeralda County, Nevada; about five miles east of the Maffee ranch of Fish Lake Valley. It is reached by a fair wagon road about five miles long which joins the Coaldate-Big Pine road at the Maffee ranch. This road extends to the center of the claims and with a little work can be put in excellent condition.

CLAIMS: The group consists of three locations, namely, Copper King, Copper King No. 1, Copper King No. 2. The corners are mounds of rock and an extended location is necessary to cover the group completely as shown on Plate No. 1.

OWNER: The owner is J. F. Tigh of Salt Lake City, Utah. He obtained possession by location July 20th 1917. The claims were located May 26th 1916 by four partners including Tigh, the other three dropped out leaving Tigh to carry the expense of development, hence the reason according to Tigh for the relocation before the old location had expired.

TOPOGRAPHY: The property is situated on the south-western slope of the Silver Peak Range of Mountains. The rolling hills are void of vegetation save a few cacti and a few small trees. About two miles to the east is a ~~good~~ good growth of scrub cedar and some nut pine which would serve well for fuel. Water can be had from a well in the flat about three miles west of the camp.

AREAL GEOLOGY: The whole area is covered by limestone which grades from almost pure dolomite to hard shale. Cutting the Copper King Ledge is a dyke

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AREAL
GEOLOGY
cont.

of Quartz Porphyry which lies nearly at right angles to the mineral bearing veins. Outcrops of red iron stained siliceous material occur in several places on the claims but this has been proven to be practically confined to the surface by the two tunnels which cut under the main outcrop without finding it at a depth greater than forty feet, although the mineral bearing gouge is encountered.

ECONOMIC
GEOLOGY

The mineral deposits appear to be post-faulting i.e., ore deposition has occurred most frequently along the dips and fault fissures. However the lack of ore in commercial quantities is so apparent that little consideration was given these veins except that they were to small to work unless the rock proved to be of a very good grade which it does not.

DEVELOPMENT The principal development has been done on the Copper King No.1 Lode, and

ASSAYS: Here the croppinga have been explored by small open cuts and one tunnel forty-three feet long, gaining a depth of about twenty feet. Assays here show a vein two inches to four foot wide and trace to \$15.50 in value. A tunnel has been driven four hundred feet under these croppinga but nothing of value was cut although a trace of lead was obtained from the fault gouge 340 feet in from the portal. A shaft has been sunk on the Copper King No.2 Lode to a depth of forty feet and drifts and cross cut at the bottom for 20 feet. This work was started on a small stringer about three inches wide which carried very good values in lead and copper but this pinched out about ten feet from the bottom. The vein in the drift and cross cut shows values from \$0.40 to \$2.00. There is a small chance that a

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DEVELOPMENT A little lead ore could be developed here by drifting east along
and

ASSAYS the fault plane. An indication of Zinc was noted on the Copper
cont.

King Lode where a small vein showing copper stains was exposed.
However the zinc is of no commercial importance unless a better
grade could be developed by sinking which is doubtful.

CONCLUSIONS: Owing to the small veins, low grade of mineral in the veins and the
fifty mile haul to the railroad it is quite impossible to consider
this property as a favorable prospect.

Examining Engineer.

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ASSAYS

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Sample number	Description	Ounces gold	Ounces silver	Percent Lead	Percent Copper	Total Value
7029 X 2" O.C. 30° E/ Disc. C.K.No.1		0.00	0.00	9.00	3.10	\$15.50
7030 X 5" O.C.&Tun. 40° east Disc.C.K.1		0.01	0.00	trace	trace	0.20
7031 X 4" 10' north of 7030 "	" "	0.00	0.00	2.00	"	4.00
7032 X 2" Fc Dr. Bot. Sht. Copper King 2.		0.02	trace	trace	-	0.40
7033 X 4" X-C "	" " " "	0.02	0.00	0.80	-	2.00
7035 X 6" Disc Cut Copper King		0.00	0.00	-	trace	3.78
7036 X 2" 5' above 7035 3' below surf.		0.01	trace	-	0.70	3.70
7037 X 4" O.C. 1000' East of West end line Copper king No.1.		0.01	trace	-	0.00	0.20
7038 X 12" Fault Gouge 340 ft. from port. Main Tun. Copper King No.1.		0.01	0.00	trace	-	0.20



