

5120 0004

91

Item

PRELIMINARY EXAMINATION
OF THE
'COMET' AND 'CLOVER' CLAIMS
T 33 N, R 61 E, S 22, 23, 26, 27, MDBM
ELKO COUNTY, NEVADA
PAN-NEVADA, INC.
JANUARY, 1969

5120 0004

(81)

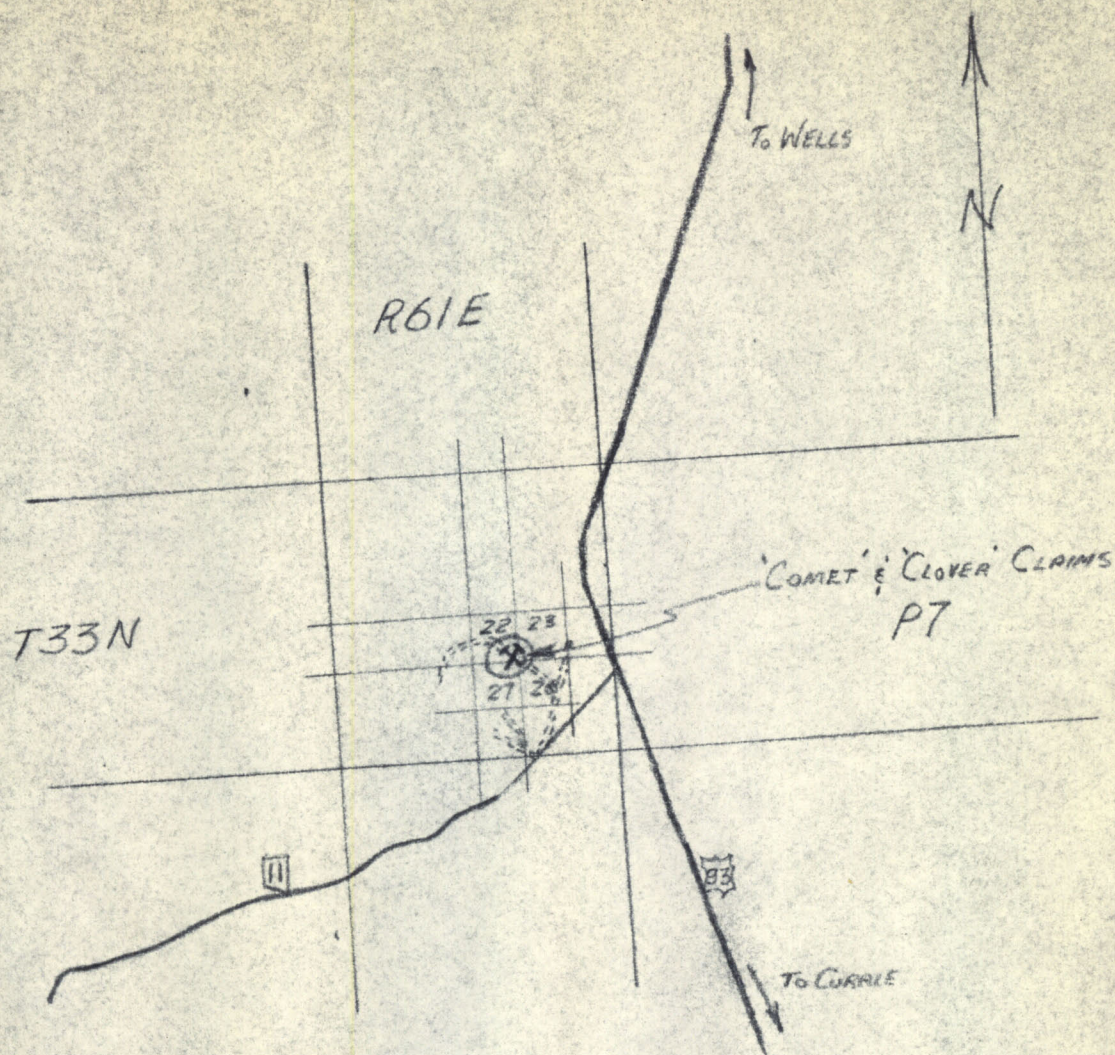
Item 4

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OF THE
'COMET' AND 'CLOVER' CLAIMS
T 33 N, R 61 E, S 22, 23, 26, 27, MDBM
ELKO COUNTY, NEVADA

PAN-NEVADA, INC.
N. J. BYRNE
JANUARY, 1969

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GEOLOGICAL AND SAMPLE LOCATION MAP	Pocket inside back cover



COMET & CLOVER CLAIMS
LOCATION MAP

T33N, R61E, S22, 23, 26, 27

MDBM

ELKO COUNTY

NEVADA

P7

SCALE
0 1 2 3 4 5
MILES

INTRODUCTION

The property was investigated October 29-31, 1969, by R. S. Friberg and N. J. Byrne.

The claims are located approximately 29 miles from Wells, about 2 miles northwest of the junction of highways 93 and 11, in T 33 N, R 61 E, Sec. 22, 23, 26, 27. Access roads are good. The major part of the property is low and level skirting the eastern slope of the East Humboldt Range. Trees are plentiful but water is not readily available.

Many shafts and adits have been sunk on the Morning Star and Polar Star claims (See Plan). The Nevada Zinc Mining Company had the claims patented in 1919 but many of the workings are more recent. Only the Comet and Clover 1-8 are leased to Pan-Nevada Inc., whereas the main group including the Morning Star, Polar Star, Nevada Star and Elko belong to another party.

GENERAL GEOLOGY

The general area is overlain by grey limestone which stands out as low hills and ridges which strike approximately N 20 E and dip about 15° E. Since the property is not in an established mining district little relevant reference material is available.

DETAIL GEOLOGY

Most of the detail was carried out in the vicinity of the Morning Star workings since the surrounding area was mostly light limestone or alluvial cover. The only reason the author could see for locating the Clover claims is that there is a chance that a granitic intrusive extends under the alluvium to the east of the main showings.

The presence of granitic float (refer to plan) in two places in the vicinity of the showing appears to be the key to the mineralization. The faults possibly have been a result of the intrusion since they appear to radiate from the two known granitic locations. These faults appear to have been channels for mineralization since all of the mineralization is associated with gouge and breccia zones. This fact would limit the extent of the deposit since the faults do not appear to extend into the limestone to the south. Some of the limestone has been bleached and recrystallized but no mineralization was introduced in the process.

The zones that have been mined have very few discernible minerals other than earthy limonitic material. A small amount of smithsonite was recognized in the pit where sample 799 was cut. The lead and zinc minerals present are probably all secondary and do not carry any silver.

A sample of the country rock (from the dump) from the lower levels of the large inclined shaft (sample 800) did not have any values.

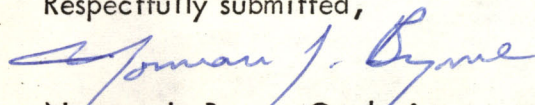
CONCLUSIONS AND RECOMMENDATIONS

The following conclusions arose from mapping and sampling of the property:

- (1) The Comet and Clover 1 to 8 claims have nothing significant showing on surface.
- (2) Deposits on the other claims are limited to small zones which do not amount to substantial tonnage.
- (3) Assays obtained are below ore grade.

In view of the above conclusions no further acquisition or geological work is recommended.

Respectfully submitted,


Norman J. Byrne, Geologist

Pan-Nevada Inc.
January, 1969

APPENDIX

SAMPLE LOGS - 'COMET' AND 'CLOVER' CLAIMS

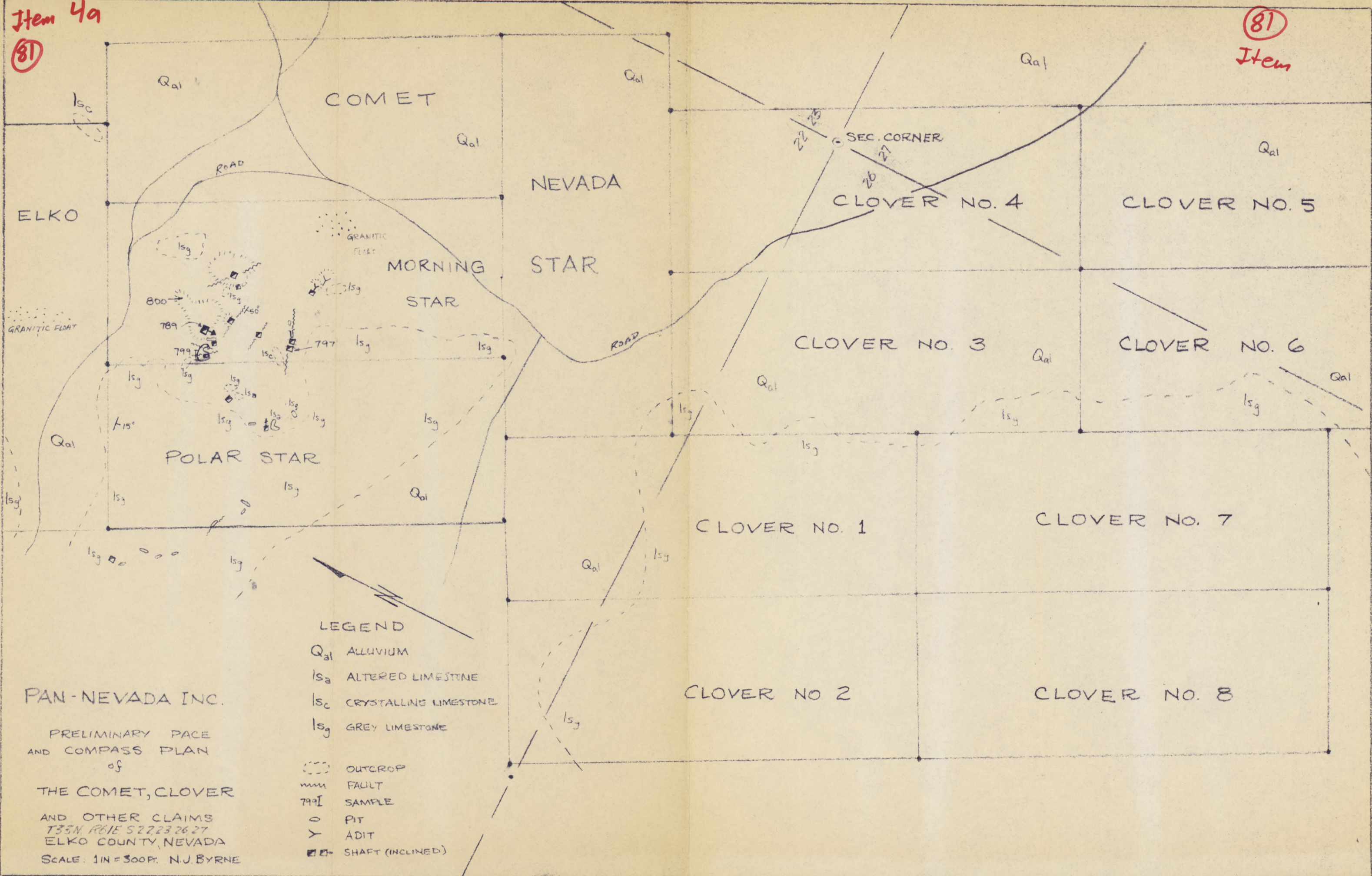
NUMBER	DESCRIPTION	ASSAYS					
		Au Ozs/ton	Ag Ozs/ton	Pb %	Cu %	Zn %	Mo %
797.	6', from breast of inclined shaft. Highly altered zone striking N-S. Vuggy and very earthy. Composed mostly of iron minerals.	Tr	Nil	1.5	0.056	5.5	Nil
798.	3'. Small stope 20' down large inclined shaft. A pocket of vuggy material with calcite crystals and iron minerals predominating.	Tr	Nil	0.8	0.044	5.5	Nil
799.	8' sample in pit. Crushed zone with cavity filling. Mostly iron stain. Some smithsonite? Limonite is solid, not coating. Primarily earthy, some goethite.	Tr	Nil	3.1	0.056	1.8	Nil
800.	Random sample of dump from incline.	Nil	Nil	Nil	0.012	Nil	Nil

Assays were performed by the Union Assay Office, P. O. Box 1528, 269 Brooklyn Ave., Salt Lake City, Utah; the original assay report dated October 12, 1968, is signed by Glen P. Williams.

(81)

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Item



51200004



May 21, 1970

COMET

of further interest.

The claims controlled by Pan-Amex are largely overburden covered. Initial sampling of narrow veins on adjacent claims returned over 20% lead with minor silver values.

Additional work did not reveal disseminations that had been hinted at from scattered dump samples; underground workings were inaccessible in part.

The claims containing the showings would have to be controlled before more work could be attempted; it is not thought that the property justifies additional exploration at this time.

PAN-AMERICA INC.

L. B. Goldsmith



LODES	LOCATED
MORNING STAR	SEPT. 12, 1905
POLAR STAR	SEPT. 10, 1905
NEVADA STAR	JAN. 20, 1914
HI KO	MAY 22, 1911
COMET	MAY 22, 1911
CLOVER NO. 1	OCT. 14, 1914
CLOVER NO. 2	OCT. 14, 1914
CLOVER NO. 3	MARCH 30, 1915
CLOVER NO. 4	MARCH 30, 1915
CLOVER NO. 5	MARCH 30, 1915
CLOVER NO. 6	MARCH 30, 1915
CLOVER NO. 7	MARCH 30, 1915
CLOVER NO. 8	MARCH 30, 1915

Claim Located SEE TABLE
Mineral Survey No. 4411

Land District.

PLAT
OF THE CLAIM OF

KNOWN AS THE

IN MINING DISTRICT,
COUNTY, Acres.

Containing an Area of
Scale of Feet to the inch.

STWEEED 191 BY
U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
known as the

from which this plat has been made under my direction, have been examined and approved, and are on file in this office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or grantors, and that said improvements consist of

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office
RENO, NEVADA

John B. Sullivan
U.S. Surveyor General for

APRIL 3, 1920 NEVADA
5100 0004A Item M2

(4-675)

See # Elko 04264
Pat # 919805
Oct. 10, 1923

P7



\$390.00
140.50
249.50

AMOUNT DEPOSITED
OFFICE FOR AND STATIONERY
UNPAID AMOUNT

Claim Located SEE SHEET "B" 191

Mineral Survey No. 4411 (81)

ELKO Land District.

PLAT

OF THE CLAIM OF
NEVADA ZINC MINING COMPANY
KNOWN AS THE, MORNING STAR, POLAR STAR, NEVADA
STAR, ELKO, COMET, CLOVER NO.1, CLOVER NO.2,
CLOVER NO.3, CLOVER NO. 4, CLOVER NO. 5,
CLOVER NO. 6, CLOVER NO. 7, AND CLOVER NO. 8
LODES

IN UNORGANIZED MINING DISTRICT,
ELKO COUNTY, NEVADA

Containing an Area of _____ Acres.
Scale of 300 Feet to the inch.
Variation 17°30' EAST

DATED JULY 20- AUGUST 2 1919 BY
ROBERT GORLINSKI U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
NEVADA ZINC MINING COMPANY
known as the "MORNING STAR", "POLAR STAR",
"NEVADA STAR", "ELKO", "COMET", "CLOVER NO.1",
"CLOVER NO.2", "CLOVER NO.3", "CLOVER NO.4",
"CLOVER NO.5", "CLOVER NO.6", "CLOVER NO.7"
AND "CLOVER NO.8" LODS
from which this plat has been made under my direction,
have been examined and approved, and are on file in this Office,
and I hereby certify that they furnish such an accurate descrip-
tion of said Mining Claim as will, if incorporated into a patent,
serve fully to identify the premises, and that such reference
is made therein to natural objects or permanent monuments
as will perpetuate and fix the locus thereof.
I further certify that Five Hundred Dollars worth of labor has
been expended or improvements made upon said Mining
Claim by claimant _____ or ITS grantors, and that
said improvements consist of 2 SHAFTS; 1 CUT; 2
TRENCHES AND 1 INCLINE SHAFT WITH DRIFTS:-
TOTAL VALUE \$12,260.00

that the location of said improvements is correctly shown
upon this plat, and that no portion of said labor or im-
provements has been included in the estimate of expendi-
tures upon any other claim.
And I further certify that this is a correct plat of said Mining
Claim made in conformity with said original field notes of the
survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office. John B. Sullivan
RENO, NEVADA U.S. Surveyor General for

APRIL 3 1920 NEVADA
51200004B Item m1 (81)