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BARCELONA MINE

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Item 14

Location. The Barcelona (Spanish Belt) mine is near the crest of the Toquima Range 8 air-line miles northwest of Belmont (see Army Map Service, Tonopah topographic quadrangle map), in northwestern Nye County.

History and Production. The mine reportedly was discovered in about 1870. Nearly \$200,000 worth of silver has been produced from 7,850 tons of ore. Most of the ore was mined from 1875 through 1889 and from 1920 through 1922.

Developments. The principal working is an adit, reportedly over 2,000 feet long. The presence of molybdenum has renewed interest in the mine in recent years. During 1942 and 1943, J. C. Perkins of Tonopah, did some trenching in an area of disseminated molybdenite at the mine.

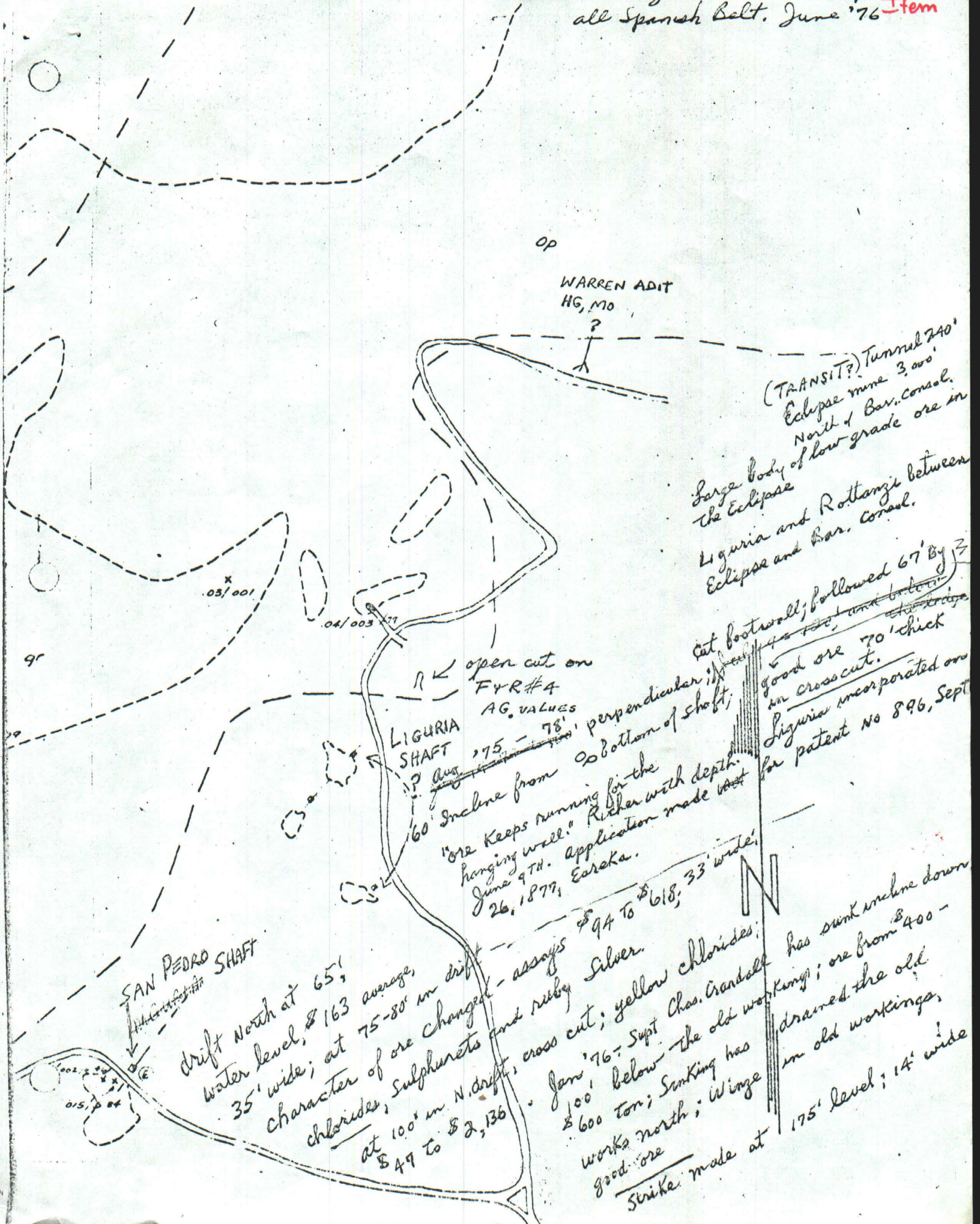
Previous Work. Kral (1951) briefly described the geology of the mine.

Geology. The silver occurred in veins of quartz banded by iron, zinc, copper, and lead sulfides. Molybdenite is found in and near the mine workings, including the main adit. The molybdenite is in the metamorphic rocks near the large intrusive body of alaskite which extends from near Belmont northward into the Round Mountain district.

The trenching done by J. C. Perkins exposed disseminated molybdenite in hornfels near an alaskite intrusive, the mineralization containing 0.39 to 3.0 percent molybdenum.

From John Schilling's notes (1968)

Chas. Ogden^T made map of
all Spanish Belt. June '76 213
Item





AMERICAN METAL CLIMAX, INC.
MINING AND EXPLORATION DIVISION

1845 SHERMAN STREET, DENVER 3, COLORADO • AMHERST 6-3843

EXECUTIVE OFFICES
1270 AVENUE OF THE AMERICAS, NEW YORK 20, N.Y.
PLAZA 7-9700

213
Item

October 29, 1962

Mr. John H. Schilling
Mining Geologist
Mackay School of Mines
Nevada Bureau of Mines
Reno, Nevada

Dear John:

Many thanks for your letter regarding the Barcelona molybdenum prospect near Belmont, Nye County. I visited this property in mid-September with Jim Perkins, and I guess I was among the last of a long list of Company examiners.

It is an interesting showing, as you say, and also Perkins has results of some favorable I.P. work done last year by the R. S. Moore Company. It is a contact type deposit, and the potential, as I see it, is a bit small for AMAX; consequently, we have taken no interest in the prospect.

I'd like to talk with you further about this as well as some other moly shows the next time we get together, maybe late November or early December, if you're in the office.

Best personal regards.

Very truly yours,

AMERICAN METAL CLIMAX, INC.


Ward Carithers

WC/mm

213

Item

October 4, 1962

Mr. Ward Carithers
American Metal Climax, Inc.
1845 Sherman Street
Denver 3, Colorado

Dear Ward:

Recently I visited several moly prospects northwest of Belmont (one is No. 92, Barcelona mine, of my moly report). Molybdenite is scattered over quite a large area. One rich pocket has been opened up, but quite a bit more needs to be done to determine the size, etc. I was impressed with what little I saw and plan to do some work in the area next summer - snow will soon make the area inaccessible.

There apparently are only two owners in the area:

Jim Perkins
Box 506
Tonopah

and:

Robert Warren
1212 West 4th St.
Carson City

Bob Warren has expressed his willingness to show interested parties around.

Best regards,

John H. Schilling
Mining Geologist

JHS:hm

cc: Robert Warren

218
Item

October 4, 1962

Mr. F. M. Galbraith, Geologist
Republic Steel Corp.
1600 Republic Bldg.
Cleveland 1, Ohio

Dear Mr. Galbraith:

Recently I visited several moly prospects northwest of Belmont (one is No. 92, Barcelona mine, of my moly report). Molybdenite is scattered over quite a large area. One rich pocket has been opened up, but quite a bit more needs to be done to determine the size, etc. I was impressed with what little I saw and plan to do some work in the area next summer - snow will soon make the area inaccessible.

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Bob Warren has expressed his willingness to show interested parties around.

Although not enough work has been done to properly evaluate this deposit, I think the possibilities of a "medium-size" proposition (of the type you were interested in) are good enough to warrant a more detailed examination and additional prospecting. It is a "contact" deposit, but I do not agree with those that feel that contact molybdenum deposits are not worth examining.

My molybdenum report has been published as "An Inventory of Molybdenum Occurrences in Nevada", Report 2, Nevada Bureau of Mines, and is available for 90 cents from the Bureau.

Sincerely yours,

John H. Schilling
Mining Geologist

JHS:hm

cc: Robert Warren