DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

~~DMA~~ DMEA Docket No. 2531

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: Rare & Misc. Metals Date 2/4/52

To: _____ Date _____

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DO NOT DETACH

CONTROLLED DOCUMENT

COPY
RNAME:

200

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

MAY 22 1953

Mr. Robert W. Decker
New World Exploration
P. O. Box 1206
Reno, Nevada

Re: Docket No. DMEA-2531
(Copper-zinc-lead)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko Co., Nevada

Dear Mr. Decker:

This will acknowledge receipt of your letter dated May 14, 1953, in which you request the return of two reports submitted by Senator Malone and Representative Young concerning the loan application on the above property.

In accordance with your request, the two reports are returned herewith.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Operations Control & Statistics Div.

Enclosures - 2
READams/meb
5-22-53
cc to: Adm.Reading File
Mails & Files Br.

5-22-53

NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION

CONTRACT MINERAL SURVEYS

SURVEYS:
- GEOLOGICAL
- DIAMOND DRILL
- GEOCHEMICAL
  - COLORIMETRIC
  - SPECTROGRAPHIC
- GEOPHYSICAL
  - MAGNETIC
  - ELECTRICAL

P. O. Box 1206
Reno, Nevada
May 14, 1953

Mr. C. O. Mittendorf
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

Re: Docket No. DMEA-2531
(Copper-zinc-lead)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko Co., Nevada

Please return to the above address the two reports submitted to you by Senator Malone and Representative Young concerning the loan application on the above property.

These reports were titled Project No. 83, "The Bullion (Railroad) Mining District, Elko County, Nevada" and were prepared by our company.

Very truly yours,
NEW WORLD EXPLORATION

Robert W. Decker
Geologist

RWD/bc

FILE
SURNAME

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Schmidt
Ellis
Hedges
Luthel
Selfridge
Johnson

Mr. John H. Uhalde
New World Exploration, Research
and Development Corporation
P. O. Box 1206,
Reno, Nevada

APR 14 1953

Re: Docket No. DMEA-2531 (Declined)
(Formerly DMA-872)
(Copper-zinc-lead)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko County, Nevada

Dear Mr. Uhalde:

2. D.C. 4/14/53

We acknowledge receipt of your letter dated March 30, 1953, in which you state you are attempting to clarify your report on the above-captioned application.

As you know, this Agency denied the application which was submitted by you under date of March 5, 1952. You were notified by letters addressed to yourself and Mr. Russell T. Miller, P. O. Box 1206, Reno, Nevada, in September 1952. Thereupon, the docket was placed in our closed files.

We are holding in our files at this time two bound copies of the report covering Project No. 83, Mesullion (Railroad) Mining District, Elko County, Nevada, July, 1952", one copy having been transmitted with a letter of inquiry from Senator George W. Malone, and the other copy received with a letter from Congressman Clifton Young. Under date of March 30, 1953, we provided both Senator Malone and Congressman Young with a history of the action taken on the above-captioned application.

We have carefully reviewed the report on DMEA Project 83. We find the report quite well prepared. However, we do not believe that it reveals any information, particularly pertinent to the proposed project itself, that was not previously submitted with the two applications for exploration assistance filed on this property or which was not known through other sources of information, including the reports to Defense Materials Procurement Agency made on your application for a production loan of March 7, 1951, for $15,200.00. Because of the geological nature and size of the deposits previously mined, it does not appear that Government funds should be spent in attempting to reach such an obscure target.

Accordingly, we regret to advise you that following all due reconsideration of the proposed project, we are unable to change our position in this matter. However, as stated previously, if additional physical work on the subject property reveals information which makes the project feasible, we will be very glad to reconsider your previous application which was denied (or consider a new application), upon receipt of information showing what work was performed and the geology exposed by such work.

Sincerely yours,

C. O. Mittenderf (for)

Administrator

cc to: Hon. George W. Malone
Hon. Clifton Young

FSSchmidt/EWEllis/gla 4-10-53
cc to: Adm. Reading File
Docket ✓
Messrs. C. H. Johnson, Rm. 3621
A. R. Kinkel, Rm. 4234 GSA
Ellis
Schmidt
DMEA Field Team, Region III (2)
Operating Committee

NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION

CONTRACT MINERAL SURVEYS

SURVEYS:
- GEOLOGICAL
- DIAMOND DRILL
- GEOCHEMICAL
  - COLORIMETRIC
  - SPECTROGRAPHIC
- GEOPHYSICAL
  - MAGNETIC
  - ELECTRICAL

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 2 1953

P. O. Box 1206,
Reno, Nevada
March 30, 1953

C. O. Mittendorf,
United States Department of the Interior,
Defense Minerals Exploration Administration,
Washington, 25, D.C.

Dear Sir:

We are attempting to clarify our report on DMEA 2531. Originally I applied for a loan on the Aladdin Mines, (Bullion) Elko County, Nevada. The DMEA requested the property be completely surveyed, mapped, the geology finished and an exploration program outlined.

In order to accomplish this and have sufficient backing for further exploration, Mr. R. T. Miller, through New World Exploration, took over my lease and option. To the best of my knowledge all necessary forms for a DMEA loan have been filed.

The U.S.G.S. crew from Salt Lake City has spent approximately 60 days on the property and were favorably impressed. An engineer from the Bureau of Mines, Reno Station, has made his examination.

Our last report NWES 83 is our final compilation of all data requested by DMEA.

I hope the above information clears the way for a consideration on our loan.

Sincerely yours,

John H. Uhalde

JOHN H. UHALDE
NEW WORLD EXPLORATION

JHU:1

Incl. Malone
2- Young

DMEA-2531 August 1952
(formerly DMA-872)
Lead & Copper Mines, Inc.

Mr. Ellis: DMEA (2531)

The following notes for your information:

(1) The docket in DMA-872 was assigned to Mr. Feitler from January 5, 1952, to January 21, 1952. (This was a development loan application previously which was withdrawn in favor of an exploration loan and transferred to DMEA.)

(2) Docket was reassigned to Mr. Rutledge on February 6, 1952, and he sent MF-103 application forms to the applicant on February 11.

(3) On March 11, 1952, we received the revised MF-103, following which we received comments from C.H.Johnson and Ned Nelson. Then followed our letter to the applicant on March 26, 1952, requesting additional information.

(4) On April 14, we received letter from the New World Exploration Research and Developmen Corporation advising that they had been employed by the applicant to get the information needed to process the application -- that it would take some time to obtain the data.

(5) Just one copy of the attached report and map have been received. Consequently, it will be necessary to circulate it, probably with the docket, to C.H.Johnson and Ned Nelson for further comment.

(6) Perhaps you would like to have (5) done before xx re-assigning the docket to one of the engineers for further work.

(7) See my attached draft of acknowledgment.

gla

70

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Ellis

Hon. George W. Malone
United States Senate
Washington 25, D. C.

MAR 30 1953

Re: Docket No. DMA-2531
(Copper-zinc-lead)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko County, Nevada

J.C. 3/30/53

My dear Senator Malone:

This is an additional reference to your letter of March 10, 1953, regarding a recent report by the New World Exploration, Research and Development Corporation and concerns the data in your files relative to your correspondence with that corporation and this Agency.

We have just received a telegram from the above-named corporation in which they inform us that Docket No. DMA-2551, as indicated by your files, is incorrect and that the correct number should be Docket No. DMA-2531.

This advice permits us to clarify the situation and inform you that on March 27, 1951, Mr. J. H. Uhalde of the Lead & Copper Mines, Inc. made application to the Defense Minerals Administration (now Defense Materials Procurement Agency) for a loan of $415,200.00 for development and production. This application (No. DMA-872) was denied and the application withdrawn on November 30, 1951.

On January 4, 1952, the above application numbered DMA-872, was submitted to our Agency (Defense Minerals Exploration Administration) by the Defense Materials Procurement Agency with the suggestion that the Lead & Copper Mines, Inc. apply forexploration assistance because the measured ore at the project was inadequate to warrant a loan by DMPA.

On March 5, 1952, the Lead & Copper Mines, Inc. made application to DMEA for exploration assistance, which application was assigned Docket No. DMEA-2531 and referred to the Rare and Miscellaneous Metals Division for processing.

Under date of August 8, 1952, this office was informed through a report submitted under that date by the New World Exploration, Research and Development Corporation that the lease on the Aladdin Mines (subject property) had been assigned to Mr. Russell T. Miller, P. O. Box 1206, Reno, Nevada.

On September 15, 1952, in a letter addressed to Mr. Russell F. Miller, New World Exploration, Research and Development Corporation, Reno, Nevada, application No. DMEA-2551, was denied because, in the opinion of the Government, the probability of disclosing minable reserves by the proposed exploration program was not considered sufficiently promising to justify Government participation.

As the matter now stands, both applications relating to this project have been denied. However, we are holding in our files the two copies of the report (dated July 1952) by the New World Exploration, Research and Development Corporation, one copy of which accompanied your letter of March 10, 1953, and one which was accompanied by a letter of inquiry similar to yours, from Congressman Young.

This subject report dated July 1952, though quite voluminous, is not accompanied by a request by the former Applicant for a reconsideration of the original application, nor is there an application from any other party pending at the present time. However, upon receipt of such a request we will be glad to give the proposed project further consideration.

I trust the above information will assist in clarifying the situation.

Sincerely yours,

C. O. Mittendorf

Administrator

EWEllis/gla
3-27-53
cc to: Adm. Reading File
Docket
Messrs. C.H.Johnson, Rm. 3621
A.R.Kinkel, Rm. 4234 GSA
Ellis
DMEA Field Team, Region III (2)

700

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

MAR 30 1953

J. C. 3/12/50
3/30/53

Hon. Clifton Young
House of Representatives
421 House Office Building
Washington, D. C.

Re: Docket No. DMA-2531
(Copper-zinc-lead)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko County, Nevada

Dear Mr. Young:

This refers to your letter of March 19, 1953, regarding the report by the New World Exploration, Research and Development Corporation and concerns the data in your files relating to your correspondence with that corporation and this Agency. We are writing you so that you may have a correct description of the situation for your files.

We have just received a telegram from the above-named corporation in which they inform us that Docket No. DMA-2351, as indicated by your files, is incorrect and that the correct number should be Docket No. DMA-2531.

This advice permits us to clarify the situation and inform you that on March 27, 1951, Mr. J. B. Shalde of the Lead & Copper Mines, Inc. made application to the Defense Minerals Administration (now Defense Materials Procurement Agency) for a loan of $15,200.00 for development and production. This application (No. DMA-872) was denied and the application withdrawn on November 30, 1951.

On January 4, 1952, the above application numbered DMA-872, was submitted to our Agency (Defense Minerals Exploration Administration) by the Defense Materials Procurement Agency with the suggestion that the Lead & Copper Mines, Inc. apply for exploration assistance because the measured ore at the project was inadequate to warrant a loan by DMPA.

On March 5, 1952, the Lead & Copper Mines, Inc. made application to DMEA for exploration assistance, which application was assigned Docket No. DMA-2531 and referred to the Rare and Miscellaneous Metals Division for processing.

Under date of August 8, 1952, this office was informed through a report submitted under that date by the New World Exploration, Research and Development Corporation that the lease on the Aladdin Mines (subject property) had been assigned to Mr. Russell F. Miller, P. O. Box 1205, Reno, Nevada.

On September 15, 1952, in a letter addressed to Mr. Russell F. Miller, New World Exploration, Research and Development Corporation, Reno, Nevada, application No. M A-2531, was denied because, in the opinion of the Government, the probability of disclosing minable reserves by the proposed exploration program was not considered sufficiently promising to justify Government participation.

As the matter now stands, both applications relating to this project have been denied. However, we are holding in our files the two copies of the report (dated July 1952) by the New World Exploration, Research and Development Corporation, one of which accompanied your letter of March 4, 1953 and one which was accompanied by a letter of inquiry similar to yours, from Senator Malone.

This subject report dated July 1952, though quite voluminous, is not accompanied by a request by the former Applicant for a reconsideration of the original application, nor is there an application from any other party pending at the present time. However, upon receipt of such a request we will be glad to give the proposed project further consideration.

I trust the above information will assist in clarifying the situation.

Sincerely yours,

C. O. Mittenderf (for)

Administrator

KWEllis/gla
3-27-53
cc to: Adm.Reading File
Docket ✓
Messrs. C.E.Johnson, Rm. 3621
A.M.Kinkle, Rm. 4234 GSA
Ellis
DMEA Field Team IIII(2)

CLIFTON YOUNG
NEVADA

WASHINGTON ADDRESS:
421 HOUSE OFFICE BUILDING

Congress of the United States
House of Representatives
Washington, D. C.

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

SUBCOMMITTEES:
INDIAN AFFAIRS
PUBLIC LANDS
MINES AND MINING
IRRIGATION AND RECLAMATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 23 1953

March 19, 1953

Mr. C. O. Mittendorf
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Thank you for your letter of March 18th relative to my letter of March 4, 1953 and a report by the New World Exploration Research and Development Corporation.

I have checked my files and find that the preliminary report and the correspondence regarding this project were labeled Docket No. DMEA 2351, formerly referred to as Docket No. DMA 872 and that a large part of the information contained in the report was obtained at the request of your administration in connection with an application for a government exploration loan on the property at Bullion, Nevada.

2351
Prod Copper Mines.
Dm. 4P200.06

I shall be glad to forward the forms enclosed in your letter to the applicant. However, in view of the above, I feel these forms already must be on file with your agency.

Sincerely,

Clifton Young
Clifton Young
Member of Congress

CY:B

DMA 872 - Prod-Copper Mines Inc
Nov. 30, 1951 for production loan for copper
see J. B. Crowder - Chief Copper Branch
desired

dmea 2531

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

(36)

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegram

VLT=Int'l Victory Ltr.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1953 MAR 24 PM 3 41

WP064 PD=RENO NEV 24 1202P

=C O MITTENDORF= 4640

DEFENSE MINERALS EXPLORATION ADMN=

REGARDING REPORT TITLED PROJECT #83 THE BULLION (RAILROAD) MINING DISTRICT ELKO COUNTY NEVADA PREVIOUS REPORT LABLED DOCKET #DMEA2531 NOT 2351 PLEASE ADVISE US IF YOU DESIRE FURTHER INFORMATION=

NEW WORLD EXPLORATION SERVICES=

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1953

#83 BULLION #DMEA2531 2351=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

RECEIVED
MAR 24 3 29 PM '53
GENERAL SERVICES ADMIN.
PUBLIC BLDGS. SERVICE
RMD - COMMUNICATIONS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 25 1953

dmea 2531

M

14 WA SFS /I-BOM/

SAN FRANCISCO CALIF 3-24-53 254P

C O MITTENDORF ADMINISTRATOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION INTERIOR BLDG WA

PLEASE REFER TO YOUR LETTER MARCH 18 TO SENATOR MALONE REGARDING REPORT ON BULLION MINING DISTRICT BY THE NEW WORLD EXPLORATION RESEARCH AND DEVELOPMENT CORP. WITH PARTICULR REFERENCE TO THIRD PARAGRAPH OF YOUR LETTER, OUR DOCKET FILE SHOWS DMA-872 /COPPER-ZINC-LEAD/ ASSIGNED TO EXPLORATION APPLICATION FROM J. H. UHALDE, LEAD AND COPPER MINES, INC., RENO, NEVADA, IN CONNECTION WITH ALADDIN MINES, ~~ELKO~~ ENKO COUNTY, NEVADA. (SEE LETTER APRIL 16, 1952, FROM ERNEST WM. ELLIS TO RUSSELL T. MILLER, NEW WORLD EXPLORATION, RENO, NEVADA, ADVISING APPLICATION WILL BE HELD PENDING FURTHER DATA FROM HIM.) *

H C MILLER EXECUTIVE OFFICER DMEA FIELD TEAM REGION III

18 DMA-872 16 1952 Copies of our letters (3-27-53) to Senator
VD 257PM Malone and Cong. Young will be sent to Miller which should clarify the situation hence no reply necessary to this wire. EWE

CORRN-- 6TH LN LST WD ELKO RPT WLKO ALSO LST LN 4TH WD HELD RPT HELD

* Application was held in abeyance until report received from New World Exp. Research & Dev. Corp. dated Aug. 8, 1952. Report was Numbered 83 & written by Russell T. Miller, Sr. Applic. denied Sept. 18, 1952. Letter from Atty. dated Sept. 26 asked if we had sufficient info. we did and so wrote on Oct. 2 Ent.

MAR 25 2 49 PM '53
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DMEA 253/

Memorandum

To: The Administrator

From: Base Metals Division

Subject: Letter from Representative Clifton Young accompanied by a report on the Bullion (Railroad) Mining District, Elko County, Nevada.

The attached letter refers to a report by the New World Exploration Research and Development Corporation of Nevada, who appear to be in the business of conducting mineral surveys. The report is addressed to Mr. Russell T. Miller, Seattle, Washington, but he is not the person who makes inquiry to Clifton Young's office. The name of the person making the inquiry is not disclosed.

The writer telephoned Representative Young's office in an endeavor to find out what was wanted. Mr. McGahan of that office responded but had to admit their office was confused as to who wanted what.

As a result of the conversation the attached letter for your signature has been prepared.

/S/
A. G. Keating

Attachment

Miscellaneous Files

DMEA 2531

Hon. George W. Malone
Senate Office Building
Washington 25, D. C.

MAR 18 1953

Dear Senator Malone:

We have your letter of March 12, 1953, together with a report by the New World Exploration Research and Development Corporation called Project No. 53, "The Bullion (Hinsdale) Mining District, Elko County, Nevada."

Unfortunately our records do not correspond to the information contained in your letter to the effect that there was a preliminary report on the project labeled DMEA 2351, formerly referred to as DMEA 872.

Our files indicate that Docket No. DMEA 2351 is already assigned to a mining project in Idaho, and we are informed that Docket No. DMEA 872 should properly be referred to as DMEA 872 with the Defense Materials Procurement Agency. This agency, which has to do with development and production, not exploration, reports that an application was made to them but was withdrawn November 30, 1951.

We note that there is a letter attached to the report from The New World Exploration Research and Development Corporation, the letter-head of which states that they conduct contract mineral surveys. The letter is addressed to Mr. Russell W. Miller, Pacific Gamble Robinson Company, Seattle, Washington, and informs him that in compliance with his request, they are submitting a report on the Bobdin Mines Area, Bullion, Nevada.

We have, therefore, assumed that it is Mr. Russell or his corporation who wish to make application for Government assistance, and we have confirmed this by telephone with Mr. Pete Kelley of your office.

Inasmuch as there has been no formal application presented to us, we are enclosing a copy of Bulletin 1, and four copies of Form DMEA-1 which is the form used in making an application for aid in an exploration project.

We suggest that you forward this information to Mr. Miller with such other explanations as you may feel are required.

In the meantime we will hold the report subject to further advice from your office or from the applicant, at which time the matter will be given prompt attention. If we can be of further assistance, please do not hesitate to call on us.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures - 5

AGKeating/hmj
(written 3-17-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Div
Region II (2)
Mr. Bishop
Mr. Kinkel
Mr. Keating
Chron.

Memorandum

To: The Administrator

MAR 18 1953

From: Base Metals Division

Subject: Letter from Senator George W. Malone accompanied by a report on the Bullion Mining District, Elko County, Nevada.

The subject letter relates to the same matter as the previous inquiry from Representative Young, prepared for your signature March 13, 1953.

The writer telephoned Senator Malone's office in an attempt to get a clearer understanding of the inquiry. After discussing the matter quite fully with Pete Kelley of Senator Malone's office, it appeared that Mr. Russel T. Miller, for whom the report on the Bullion Mining District was made, intended to present an application for Government assistance in an exploration project.

The attached letter answering Senator Malone has been prepared for your signature.

/S/
A. C. Keating

Attachment

AGKeating/hmj
(3-17-53)
CC to: Docket
Operating Committee
Base Metals Division
Region III (2)
Mr. Keating
Chron.

3/13/53

Mr. Keating:

DMA 872 is not a DMEA docket, it is DMPA.

DMEA 2351 is Sidney Mining Company, Shoshone County, Idaho, has a contract, E-367. The company address is:

Sidney Mining Company
Sidney Building
Kellogg, Idaho

thus, I can't see that this report has anything to do with either of these docket numbers.

Just called DMPA about 872. It is Lead & Copper Mines, Inc., was withdrawn 11/30/51. It is located in Elko County, Nevada, but DMPA has no record of ever receiving any report (or anything) from New World Exploration Research & Development Corp.

Bruce

500 FILE COPY
SURNAME:

Keating

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Hon. George W. Malone
Senate Office Building
Washington 25, D. C.

Dear Senator Malone:

We have your letter of March 10, 1953, together with a report by the New World Exploration Research and Development Corporation titled Project No. 83, "The Bullion (Railroad) Mining District, Elko County, Nevada."

Unfortunately our records do not correspond to the information contained in your letter to the effect that there was a preliminary report on the project labeled DMA 2351, formerly referred to as DMA 872.

Our files indicate that Docket No. DMA 2351 is already assigned to a mining project in Idaho, and we are informed that Docket No. DMA 872 should properly be referred to as DMPA 872 with the Defense Materials Procurement Agency. This Agency, which has to do with development and production, not exploration, reports that an application was made to them but was withdrawn November 30, 1951.

We note that there is a letter attached to the report from The New World Exploration Research and Development Corporation, the letter-head of which states that they conduct contract mineral surveys. The letter is addressed to Mr. Russell T. Miller, Pacific Gamble Robinson Company, Seattle, Washington, and informs him that in compliance with his request, they are submitting a report on the Aladdin Mines Area, Bullion, Nevada.

We have, therefore, assumed that it is Mr. Russell or his corporation who wish to make application for Government assistance, and we have confirmed this by telephone with Mr. Pete Kelley of your office.

Since there has been no formal application presented to us, we are enclosing a copy of DMA Order I, and four copies of Form MF-103 which is the form used in making an application for aid in an exploration project.

We suggest that you forward this information to Mr. Miller with such other explanations as you may feel are required.

In the meantime we will hold the report subject to further advice from your office or from the applicant, at which time the matter will be given prompt attention. If we can be of further assistance, please do not hesitate to call on us.

Sincerely yours,

C. O. Mittenderf (for)

Administrator

J. C. 3/18/53

Enclosures - 5

AGKeating/hmj
(written 3-17-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Div.
Region II (2)
Mr. Bishop
Mr. Kinkel
Mr. Keating
Chron.

500 FILE COPY
SURNAME:

Keating

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Memorandum

To: The Administrator

MAR 18 1953

From: Base Metals Division

Subject: Letter from Senator George W. Malone accompanied by a report on the Bullion Mining District, Elko County, Nevada.

The subject letter relates to the same matter as the previous inquiry from Representative Young, prepared for your signature March 13, 1953.

The writer telephoned Senator Malone's office in an attempt to get a clearer understanding of the inquiry. After discussing the matter quite fully with Pete Kelley of Senator Malone's office, it appeared that Mr. Russel T. Miller, for whom the report on the Bullion Mining District was made, intended to present an application for Government assistance in an exploration project.

The attached letter answering Senator Malone has been prepared for your signature.

/s/ J. C. 3/18/53

A. G. Keating

Attachment

AGKEating/hmj
(3-17-53)
CC to: Docket
Operating Committee
Base Metals Division
Region III (2)
Mr. Keating
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Memorandum

To: The Administrator

From: Base Metals Division

Subject: Letter from Senator George W. Malone accompanied by a report on the Bullion Mining District, Elko County, Nevada.

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The attached letter answering Senator Malone has been prepared for your signature.

A. G. Keating

A. G. Keating

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Memorandum

To: The Administrator

From: Base Metals Division

Subject: Letter from Senator George W. Malone accompanied by a report on the Bullion Mining District, Elko County, Nevada.

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The attached letter answering Senator Malone has been prepared for your signature.

/s/

A. G. Keating

Attachment

HUGH BUTLER, NEBR., CHAIRMAN

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PRICE DANIEL, TEX.

KIRKLEY S. COULTER, CHIEF CLERK

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

March 10, 1953

Mr. Willis R. Griswold
Base Metals Division
Defense Minerals Exploration Administration
18th and E Streets, Room 2616
Washington, D. C.

Dear Mr. Griswold:

Pursuant to our telephone conversation this afternoon, I am sending you a detailed report concerning mining exploration at Bullion, Nevada.

For your information, a large part of the material in this report was obtained at the request of Defense Minerals Exploration Administration with regard to a request made for a government exploration loan on the property.

Part of the specific material was submitted in a brief preliminary report last summer. The preliminary report and the correspondence regarding this project were labeled Docket No. DMEA ~~2351~~, formerly referred to as Docket No. DMA 872.

2531

The loan request was not granted at that time. However, I feel that the project may have been rejected without reaching the consideration of the final authorities because of the preliminary nature of the report.

On behalf of New World Exploration Research and Development Corporation I would appreciate it very much if you would steer this report through proper channels for me.

The corporation is not asking for any special consideration on this property, but the company officials feel this property has great potentialities and feel that the report should have complete consideration.

Thank you for your courtesy in the past and I know you will keep me advised in the progress of this report.

Sincerely yours,

Geo W Malone

George W. Malone

GWM/co

500 FILE COPY
SURNAME:

Keating

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

MAR 18 1953

Hon. Clifton Young
421 House Office Building
Washington 25, D. C.

Dear Mr. Young:

This will acknowledge receipt of your letter of March 4, 1953, together with a copy of a report by the New World Exploration Research and Development Corporation, which we have just received. This report is on mining property titled Project No. 83, "The Bullion (Railroad) Mining District, Elko County, Nevada."

To answer your letter we regret to inform you that we are somewhat at a loss to understand just what is wanted. From our review of the report it appears that Mr. Russell T. Miller has obtained a report on the so-called Project 83 and the Bullion Mining District, but that he is not the one who requests information from you.

We assume that the inquiry made to your office may be relative to obtaining Government assistance for exploration at the project. Therefore, you will please find enclosed a copy of DMEA Order I and four copies of Form MF-103, "Application for Aid in an Exploration Project", so that you may forward these to the person who has made the inquiry.

We hope this information will be helpful, and we will be pleased to have you call on us for any further assistance that may be required.

Sincerely yours,

SIGNED
Administrator

BL - 3/18

AGKeating/hmj
(3-13-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Div.
Region ~~III~~ (2) III
Enclosures 5 Mr. Kinkel
Mr. Bishop
Mr. Keating
Chron.

FILE COPY
SURNAME:

Keating
Bradford

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Memorandum

To: The Administrator

From: Base Metals Division

Subject: Letter from Representative Clifton Young accompanied by a report on the Bullion (Railroad) Mining District, Elko County, Nevada.

The attached letter refers to a report by the New World Exploration Research and Development Corporation of Nevada, who appear to be in the business of conducting mineral surveys. The report is addressed to Mr. Russell T. Miller, Seattle, Washington, but he is not the person who makes inquiry to Clifton Young's office. The name of the person making the inquiry is not disclosed.

The writer telephoned Representative Young's office in an endeavor to find out what was wanted. Mr. Mc Gahan of that office responded but had to admit their office was confused as to who wanted what.

As a result of the conversation the attached letter for your signature has been prepared.

/s/

A. G. Keating

Attachment
AGKeating/hmj
3-16-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals
AGKeating.
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Memorandum

To: The Administrator

From: Base Metals Division

Subject: Letter from Representative Clifton Young accompanied by a report on the Bullion (Railroad) Mining District, Elko County, Nevada.

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The writer telephoned Representative Young's office in an endeavor to find out what was wanted. Mr. McGahan of that office responded but had to admit their office was confused as to who wanted what.

As a result of the conversation the attached letter for your signature has been prepared.

A. G. Keating

A. G. Keating

Attachment

CLIFTON YOUNG
NEVADA

WASHINGTON ADDRESS:
421 HOUSE OFFICE BUILDING

Congress of the United States
House of Representatives
Washington, D. C.

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

SUBCOMMITTEES:
INDIAN AFFAIRS
PUBLIC LANDS
MINES AND MINING
IRRIGATION AND RECLAMATION

March 4, 1953

Refer to Mr. McGahan

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 10 1953

Defense Minerals Exploration Administration
Bureau of Mines
Department of the Interior
Washington 25, D. C.

Dear Sirs:

Under separate cover I am mailing to you a report from the New World Exploration, Research and Development Corporation, regarding Project No. 83, The Bullion (Railroad) Mining District, Elko County, Nevada, which has been forwarded to me with the request that I in turn send it on to you.

In their correspondence to me regarding this report, the Corporation spokesman has stated that they are not asking for any special consideration on this project but because they feel the property has great potential, they want it to have its full measure of just consideration.

Two points they bring out in their correspondence which are not specifically mentioned in the report are: First, although there is a temporary easing of the lead and zinc shortage, the government has made an $800,000 loan to aid in the unwatering attempts to reach the deep ore bodies at Eureka. This ore is nearly identical to the lead-zinc ores at Bullion and the deposits are similar in nature. At Bullion, however, there is no water problem since the ore bodies occur above the low level tunnel driven beneath the mountain. Secondly, whereas many government loans have been granted to properties with no record of recent production from their known ore bodies, Bullion can boast a production of 6,000 tons of direct shipping grade ore (lead-zinc-copper-silver) to smelters in the past 3 years. This ore has been produced from the margins of the old ore bodies which yielded so prolifically in the last century. In other words, successful exploration at Bullion would uncover commercial grade mineral deposits, not merely additional reserves of non-commercial ore.

I shall appreciate any information or comments you may have concerning this report.

Sincerely,

Clifton Young

Clifton Young
Member of Congress

CY:B

Lead and Copper Mines Inc. DMEA 2531 Bullion Dist Nevada

McCarran Ex 976 (19 code) 10/13/52 $50,375 application

Senators McCarrans office Mr. Joseph McDonald called up to inquire about the letter of denial written to ~~"ichard bush of Attorney firm of Ryan Askren Mathewson~~ Mr. Russell T. Miller New World Exploration Research and Development Corp Box 1206 Reno, Nevada who is represented as having taken over the lease from Uhalde. So the lease is in the name of Uhalde who ~~xxx~~ is supposed to have assigned it to Russell Miller who now is represented ~~x~~ by the law firm of "Ryan Askren Mathewson" and now we have McCarrans office making inquiries.

McDonald said he did not question our judgement in dening the application, because he did not know anything about the mining merits, and did not want to accept my invitation to come and go over the situation with me, because he did not know about mining, and also thought we knew our business but that he could see no reason to brush off peopoe that had been sincerely trying to make a mine, by some form letter of denial, a copy of which he had recd from the law firm. He thought we ought to give them some satisfaction by explaining briefly the cause of the denial and why their property did not meet our standards. That in many cases that he ~~xxx~~ knew like this one, the field team had spoken highly of the the property and led them to think they would get their contract, ad now to their surprise it is turned down. He thought after all, these investigations were made at the expense of the people ~~xxxxxxxx~~ ad they should be made as constructive and helpful as possible and that these operators who had spent as much as $5,000 for a report to us ought to get more consideration. (that report is certainly not worth $5,000)

I told him that I would takte this higher up because it was not our policy, because it involved endless arguments but that since he had asked for it I would give his request every consideration. Hence the letter draft that I have written merely as a suggewtion, and it can be altered to suit the policy of the operating committee.

Mr. Richard Bush
~~Ryan Askren & Mathewson~~
White- Henry Stuart Building
Seattle 1, Washington.

~~Docket DMEA 2531~~
Lead & Copper Mines, Inc
~~Aladdin Mines, Elko County~~
Nevada

Suggested Letter not approved

~~Dear Sir;~~

~~Senator McCarran's office has asked us to make clearer to you the reasons for our denial of your exploration application. While this is contrary to our usual practice because it involves differences of opinion on questions that are naturally contentious, it is our desire to cooperate with Senator McCarran's office in this matter. We are therefore herewith giving the main reason for our denial.~~

The decision in this matter is not primarily a geological one. It is not a question whether the known ore bodies of the upper levels might possibly go down another 500 to 600 feet to the 1,000 foot level, nor whether the 400 feet thick bed of limestone in which the ore occurs ~~may~~ might continue to that level, nor whether it is possible to locate a target area by projecting porphyry dikes down to the 1,000 foot level and assuming that if there is any ore at that depth, it would have th same relationship to the limestone and porphyry at that level.

All of these conditions may or may not exist. The real question so far as this office is concerned is whether it is too hazardous a financial undertaking after weighing the chances and costs against possible probable results. ~~profits, without which there would be no production.~~ It is a business proposition, involving the expenditure of over $25,187.00 on the part of the Government for the purpose of drifting 800 feet at the end of a mile of underground workings, to reach a target area not sufficiently well established, and then drilling for small ore bodies.

These chances must be appraised, and it our best judgement that they are not sufficiently promising to justify our participation in the project.

As intimated in our letter of September 15 should further work expecially on the Davis Tunnel level reveal more promising conditions this project could be reconsidered.

Sincerely

U.S. Geol. Survey
Camp Produce
P.1 $3,000,000 from

Production Van Barneveld C.M.
1907-1920 - from $894,973

Mg	69,544	lb
Cu	6,718	"
Pb	6,116,657	lb
Cu	0,536,405	"
Sn	37,000	lb.

Standing elk tope 8' dia

not strategic import of metal
forest not large enough for the money

FILE COPY
SURNAME:

Schmidt
F.E. Krause

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

OCT 17 1952

Mr. Richard K. Bush
Ryan, Askren & Mathewson
White Henry Stuart Building
Seattle 1, Washington

Re: Docket No. DMA-2531 (Copper)
Lead & Copper Mines, Inc.
Aladdin Mines
Elko County, Nevada

Dear Mr. Bush:

Senator McCarran's office has inquired as to the reasons for the denial of the subject application and requested us to write to the applicant in this respect. Our decision concerning the subject application was based on the criteria set for us in DMA Order No. 1. In this connection the strategic importance of the minerals involved, and the geologic probability of making a significant discovery were the principal guiding criteria.

The strategic importance of the copper, lead, zinc, silver and gold mineralization was duly weighted, as was also the size of the target, and the geological probability of making a significant discovery.

With these criteria in mind, and in the light of ample Government available data on this property, we believe that the proposed work would not result in a discovery of sufficient importance to the National Defense Program to justify Government participation, and we have therefore denied the application.

As intimated in our letter of September 15, 1952, to Mr. Russell Miller, should further work, especially on the Davis tunnel level, reveal more promising conditions, this project could be reconsidered.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

F.E.Schmidt/jem 10/16/52
Adm. Reading File
Docket Messrs. CHJohnson-3621
A.R.Kinkel-5214 GSA Ellis Schmidt
Field Team, Region III (2)

Copy to: Mr. Russell L. Miller
Senator McCarran's Office

F.E. 10-17-52

RYAN, ASKREN & MATHEWSON
LAWYERS
WHITE-HENRY-STUART BUILDING
SEATTLE, 1

WILLIAM D. ASKREN
JOHN E. RYAN, JR.
MARK F. MATHEWSON
LAURANCE S. CARLSON
SNYDER J. KING
RICHARD K. BUSH
MALCOLM D. YOUNG

October 7, 1952

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
United States Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2531
(Copper, Zinc and Lead)
Lead & Copper Mines Inc.
Aladdin Mines, Elko County, Nevada

Dear Mr. Ellis:

We have your letter dated October 2, 1952, advising us that the application submitted under the above-entitled docket number has been denied.

We are, of course, sorry that the application was denied, but may we express our appreciation to you for your consideration.

Very truly yours,

RYAN, ASKREN & MATHEWSON

By Richard K. Bush
Richard K. Bush

RKB/jfe

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 9 1952

FILE COPY
SURNAME:

TCC

Schmidt
Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

OCT 2 1952

Mr. Richard K. Bush
Ryan, Ackren & Mathewson
White-Henry-Stuart Building
Seattle 1, Washington

Re: Docket No. DMEA-2531
(Copper, Zinc and Lead)
Lead & Copper Mines Inc.
Aladdin Mines, Elko County, Nevada

Dear Mr. Bush:

Your letter of September 26, 1952, offering to supply this office with any additional information concerning the subject application has been received and your offer is appreciated.

The information that has been supplied by the Applicant together with that already in our files is ample for our purpose. In the light of all available data the application was denied as per our letter of September 15, 1952 to Mr. Russell L. Miller a copy of which was sent to Mr. John Shalde the original Applicant.

If future work at the property reveals evidence which could materially alter this decision, please be assured that a new application will be given the fullest consideration.

Sincerely yours,

Signed S.N. 10-2-52

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

F. Schmidt/jem
10/1/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216 GSA
Ellis Schmidt
Field Team, Region III (2)

9/30/52 pm

RYAN, ASKREN & MATHEWSON
LAWYERS
WHITE-HENRY-STUART BUILDING
SEATTLE, 1

WILLIAM D. ASKREN
JOHN E. RYAN, JR.
MARK F. MATHEWSON
LAURANCE S. CARLSON
SNYDER J. KING
RICHARD K. BUSH
MALCOLM D. YOUNG

September 26, 1952

Mr. Ernest Wm. Ellis, Acting Chief
Rare and Miscellaneous Metals Division
Defense Minerals Exploration Administration

Re: Docket No. DMEA 2531, formerly referred to as Docket No. DMA 872 (Copper, Zinc-Lead), Aladdin Mines, Elko County, Nevada.

Dear Mr. Ellis:

This office represents Mr. Russell T. Miller, Sr., the assignee of the outstanding leasehold interest in the property described in the application for federal financial assistance which is filed by your office under the above-described docket number.

Mr. Miller has requested that we advise you of this representation and that we offer our cooperation and assistance with reference to the production of any information which you may desire in connection with the subject application. He is, of course, interested in expediting this application, and your action upon it, as much as possible. We therefore request that you make known to this office any possible deficiency in information which has been submitted to you. We shall exercise every effort to correct such deficiency without delay.

Very truly yours,

RYAN, ASKREN & MATHEWSON

By Richard K. Bush
Richard K. Bush

RKB/jfe

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 29 1952

FILE COPY
SURNAME:
700

Schmidt
Ellis
Johnson
Knight
Bridge
Boyd
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Sept. 15 1952

BB

Mr. Russell A. Miller
New World Exploration Research
and Development Corporation
P. O. Box 1206
Reno, Nevada

Re: Docket No. MA-2631
(Copper, Zinc and Lead)
Lead & Copper Mines, Inc.
Aladdin Mine, Elko County, Nevada

Dear Mr. Miller:

This acknowledges receipt of your letter of August 8, 1952, with report of same date by New World Exploration Research and Development Corporation in connection with the above captioned application.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding material of acceptable grade and in quantities that will significantly improve the mineral supply position for the National Defense Program.

A careful study of your application and data available to this Agency and examinations of the property concerned reveal that the probability of disclosing minable reserves by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If additional work on your property reveals information which makes the project feasible, an application may be submitted for consideration.

Sincerely yours,

C. O. Mittendorf

9/15/52

Administrator

FDSchmidt/jem
9/8/52
cc to: Adm. Reading File
Docket
Messrs: CHJohnson-3621
Ned Nelson -4216 GSA
Ellis Schmidt
Opr. Committee
Field Team, Region III (2)

FILE COPY
SURNAME:

Schmidt
Ellis
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

SEP 10 1952

Mr. John Thalle
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Re: Docket No. [illegible]-2531
(Copper, Lead,
Lead and Copper Mines, Inc.
Aladdin Mine, Elko County, Nevada

Dear Mr. Thalle:

This office has been informed through a report dated August 6, 1952, by the New World Exploration and Development Corporation, that the lease on the Aladdin Mines has been assigned by yourself and Mr. Parker to Mr. Russell L. Miller, P. O. Box 1206, Reno, Nevada.

Since nothing has been received officially from you concerning this matter you will find enclosed a copy of the letter to Mr. Miller denying the application for aid in the exploration project on the subject property.

Sincerely yours,

C. O. Mittendorf (for) JH 9-10-52

Administrator

Enclosure

FSSchmidt/jem
9/8/52
cc to: Adm. Reading File
Docket
Messrs: CHJohnson-3621
Ned Nelson-4216 GSA
Ellis Schmidt
Opr. Committee
Field Team, Region III (2)

OE

9/8/52

Report Simmons and Arnold USGS page 3

Field exam in connection with development loan entailed mapping 10,000 feet of mine workings. To examine for exploration program would require an additional three weeks of field work wth mapping of surface geology and additional underground workings A program of this extent is beyond the scope of a DMA examination.

The Newmont face of Davis tunnel is ~~xxxxx~~ 600 feet below and 100 feet north of the wrkings of the Standing Elk Mine .

There is no excuse for the New Worl Report not giving data as to what Newmont found that caused them to quit for it is accdssible (Schmidt)

Geologist

9/5/52 gla

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 5, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: N. E. Nelson

Subject: DMEA-2531 (Copper), Lead and Copper Mines, Inc., Aladdin Mines, Inc., Elko County, Nevada.

The report of Robert W. Decker, Chief Geologist of the New World Exploration Research and Development Corporation seems to add much to the information required for proper judging of this application.

If, as "theorized" by Decker, the orebodies are in some obscure, but nevertheless definite, way related to the angle between the dykes and the dyke's dip as he says, and old workings suggest, it is a fair assumption that the Newmont work stopped short of the interesting part of the limestone wedge.

It should not take long for the field team to check the ideas of Mr. Decker. If the assumptions seem reasonably correct, the application deserves further consideration. Mr. Johnson's suggestion regarding diamond drilling from the face of the Davis Adit is very well taken. If, as we must infer, the dykes have not been seen below the bottom of the Standing Elk and Tripoli Mines, their location on the Davis level should be determined. The plan, if correct, indicates that the Standing Elk orebody is closely related to the narrow dyke and the section (Mason's 1914) suggests the same may hold for the Tripoli ore. The drilling should therefore include a hole or so, approximately "perpendicular" to the Davis Adit, (after the inner portion of the adit has been surveyed) since the narrow dyke, if it too dips southerly, might be near the adit.

The ore is good grade, but the orebodies are stubby and probably will be hard to find. Close geologic mapping and attention to details should be helpful.

N. E. Nelson

N. E. Nelson
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 5, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: N. E. Nelson

Subject: DMEA-2531 (Copper), Lead and Copper Mines, Inc., Aladdin Mines, Inc., Elko County, Nevada.

Russell T. Miller, Sr.

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N. E. Nelson

N. E. Nelson
Geologist

9/3/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

September 3, 1952

Memorandum

To: E. W. Ellis, (Attention F. S. Schmidt)

From: C. H. Johnson

Subject: DMEA-2531 (Copper, Lead-Zinc) Lead and Copper Mines, Inc., Aladdin Mines, Inc., Elko County, Nevada

I have reviewed the report dated August 8, 1952, by New World Exploration, Research and Development Corporation made on behalf of the above applicant. As Schmidt notes in his file memorandum of August 28, the report is unsatisfactory. It puts forward the claim that the orebodies plunge to the southwest, hence that the "target" lies too far ahead of the tunnel face to be prospected economically by drilling. This claim is not substantiated by geologic or stope maps, nor was such a condition noted by the DMEA examining engineers or geologists.

A second referral to the field is useless unless you wish to request and authorize a thorough investigation of the kind the applicant should have had made, but didn't. Therefore, in my opinion, two possibilities remain. One is to deny the application for lack of convincing evidence of its merits. The other is to draw up a small project consisting of a half dozen or so holes from the face of the Davis Tunnel, not more than 3,000 feet, or say $20,000 maximum, and see if Applicant will accept it.

I believe further correspondence with Applicant is useless, so far as getting any significant information is concerned.

If serious consideration is given to an exploration project from the Davis Tunnel, I suggest that the position of the tunnel face needs to be verified.

The entire docket has been sent on to Nelson for comment and return to Schmidt.

C. H. Johnson
C. H. Johnson

Copy to - Mr. Nelson, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

September 3, 1952

Memorandum

To: E. W. Ellis, (Attention F. S. Schmidt)

From: C. H. Johnson

Subject: DMA-2531 (Copper, Lead-Zinc) Lead and Copper Mines, Inc., Aladdin Mines, Inc., Elko County, Nevada

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C. H. JOHNSON

C. H. Johnson

CHJohnson:ks
Copy to - Mr. Nelson, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

September 3, 1952

Memorandum

To: E. W. Ellis, (Attention F. S. Schmidt)

From: C. H. Johnson

Subject: DMEA-2531 (Copper, Lead-Zinc) Lead and Copper Mines, Inc., Aladdin Mines, Inc., Elko County, Nevada

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C. H. JOHNSON

C. H. Johnson

CHJohnson:ks
Copy to - Mr. Nelson, USGS
Minerals Division
Base Metals Branch
Mr. Johnson
Files

DMEA-2531
Lead & Copper Mines, Inc.
Aladdin Mines
Elko County, Nevada

August 28, 1952

The accompanying report by the New World Exploration Research and Development Corporation, dated August 8, 1952 (received August 19, 1952) herewith referred to the Copper Commodity Members, together with Docket DMA-872.

Rare & Misc. Metals Division
Defense Minerals Exploration
Administration

8/28/52

Memo for files by Schmidt
DMEA-2531 Lead & Copper Mines, Inc.
Aladdin Mines-Bullion District-Elko County, Nevada

Application DMA-872 dated March 7, 1951, for development loan of $415,200.00 was denied on the grounds that there was not enough ore in sight (1500 tons). Two field team reports were made for this application which have been transferred to DMEA and are of value to us now, for considering the present exploration loan. In file herewith.

Following the development loan application, there was an exploration application number DMEA-2531, dated 1/29/52 for $150,000. Following this is another exploration application for $106,200.00 dated 3/5/52. The main work to be done in this last application is geological work, surveying and mapping, drilling 4,5,6 levels. Drilling Davis tunnel, exploring downward.

The memos from the commodity men Johnson and Nelson of March 17th and 20th respectively, show that they consider that there is not enough geological data to plan intelligently. March 26, 1952 Fred Knouse wrote a letter asking for a lot of specific information. In answer to Knouse's letter the New World Exploration Research Corp. wrote April 9, 1952, that they have been engaged to get the information required. Ellis answers this 4/16 telling them the docket will be held open awaiting the report.

Received the report by New World Exploration Research and Development Corp. written by Robert W. Decker or Russell Miller dated August 8, 1952, together with maps which is not satisfactory. The first thing to determine is whether the project is geologically sound.

I admit that the property has merit due to past production, and the geological reports that the ore probably continues in depth. The location where the ore might be found in depth requires more geological study, accompanied by geological maps, especially vertical sections through the formations, showing the favorable limestones and their dip toward the Davis tunnel; the depth mined on the ore bodies; the probably position of the favorable limestone and the porphyry dikes on the Davis level, showing how far in depth we can plot them, and then extend them in dotted lines to the Davis level. The data sent to us is too fragmentary. Its thoroughness is not in proportion to the seriousness of the proposition. The tracing entitled "Section above present face of Davis Tunnel" is altogether too sketchy to carry any weight. No one could be expected to drift 800 feet on strength of what he sees on this section. See tracing cloth section in file.

One of the most important points, is whether the ore continues in depth to 1,000 feet below the surface, namely the Davis Tunnel level. This point is reported favorably by the Field Team for DMA. See following notes on this subject.

For DMA Report by W.T.Benson Mining Eng. Bureau Mines 11/5/51

Newmont extended Davis tunnel, 1,000 feet immediately under the Standing Elk workings which were very productive $1,000,000. The ore bodies, probably deep seated commercial ore, probably extends as deep as the oxidized ore. Could be several hundred feet under the Davis Tunnel level. Vertical range of 1,000 feet mined for an average depth of 500 feet. Additional ore bodies may have been missed due to mantle of wash. The geological conditions favor ore in depth. The ore is mainly oxidized.

For DMA U.S.G.S. geologists Simmons and Arnold 10/8/51

The ore bodies are pipes and veins along faults and fault intersections in limestone. Ore mainly secondary minerals. Face of Davis tunnel is 600 feet below and 100 feet North of workings of Standing Elk.

Geological conditions indicate possibilities of commercial ore bodies in depth are favorable.

Review of New World Report dated 8/8/52
The lease has just changed hands (no date)

Copy of lease is not in file nor assignment of lease from Uhalde and Parker to Russel Miller. An "Owner's Consent to Lien" would be needed if we go ahead.

Map shows Newmont work labelled "approximate" location. This should be definite for it is most important. The objective of this Newmont work was to test the Standing Elk ore body in depth and a DMA Field Team report states that the tunnel did get under the old ore body. The fact that Newmont quit and did no diamond drilling though they had a drill on the ground, indicates that possibly the favorable limestone bed did not extend down, or if so that it was not mineralized. Since this is a most important criterion of what happens to these ore bodies on the Davis level there should be a complete discussion of what Newmont found to account for their quitting. These workings are accessible and it should be possible to make a geological section through the plane of the Davis tunnel. This Newmont experience must be explained away or there is no encouragement for any one else trying to do the same thing 800 feet away through hard rock.

Tungsten mineralization is referred to in the New World report but no details of values.

If the tunnel were to be continued to the target area as shown on the New World Map it might be better to continue in the direction of the original tunnel 1,200 feet, to get to the target area than to go 800 feet around several curves, this would be a practical operating question if the thing got that far.

The location of the target area on the map is based on projecting the dip of porphyry dikes downward without showing how this was done. The target area is supposed to be in a certain favorable limestone, and at the intersection of two dikes 600 feet below old workings. This is quite a "bite" requiring justification.

What are the sizes of these old ore bodies, and how easily are they missed. This should be discussed. The maps are unsatisfactory on this point. The ore bodies are of very limited horizontal area. They would be difficult to locate by drilling.

The typical analyses of the ore bodies given in the New World report do not mean much. How were these assays obtained? Is there ore of that grade in the mine to be sampled, or is it based on literature of past production.

The New World report claims the ore bodies are within a 400 foot member of limestone. Depth of Davis tunnel is 600 feet below old workings. How much of this 400 feet of limestone is below the old workings? The finding of this 400 foot bed of limestones on the Davis level can be difficult and it can be impossible if it terminates against the porphyry before reaching the Davis level on its dip. The finding of this limestone on the Davis level in conjunction with the porphyry dikes compounds the difficulty of locating that target area.

A review of this data indicates that the proposed work of the New World report cannot be accepted at face value.

This report by the New World engineers does not "sell" the project to me. The present lease holder Russel Miller is the man who makes the report on the property as the New World Research (letter 4/14/52).

This correspondence could go on indefinitely.

Schmidt

8/26/52

Memo for files by Schmidt
DMEA-2531 Lead & Copper Mines, Inc.
Aladdin Mines-Bullion District-Elko County, Nevada

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The memos from the commodity men Johnson and Nelson of March 17th and 20th respectively, show that they consider that while the chances may be good, that there is not enough geological data to plan intelligently. March 26, 1952 Fred Knouse wrote a good letter asking for a lot of specific information. In answer to Knouse's letter the New World Exploration Research Corp. writes April 9, 1952, that they have been engaged to get the information required. Ellis answers this 4/16 telling them the docket will be held open awaiting the report.

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I think our attitude should be that we admit that the property has merit due to past production, and the geological reports that the ore probably continues in depth. The location where the ore might be found in depth requries more geological study, accompanied by geological maps, especially vertical sections through the formations, showing the favorable limestones and their dip toward the Davis tunnel; the depth mined on the ore bodies; the probably position of the favorable limestone and the porphyry dikes on the Davis level, showing how far in depth we can plot them and then extend them in dotted lines to the Davis level. The data sent to us is too fragmentary. Its thoroughness is not in proportion to the seriousness of the proposition. The tracing entitled "Section above present face of Davis Tunnel" is altogether too sketchy to carry any weight. No one could be expected to drift 1,000 feet on strength of what he sees on this section.

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U.S.G.S. geologists Simmons and Arnold 10/8/51

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A review of this data indicates that there should not be a denial, but on the other hand the proposed work of the New World report cannot be accepted at face value. A request should be made for the information desired especially since the letter of Knouse has not received a satisfactory answer, and since I wish to add several other points requiring clarification indicated in the above.

DRAFT
8/19/52
GLAult

Mr. Russell T. Miller, Sr.
New World Exploration, Research
and Development Corporation
P. O. Box 1206
Reno, Nevada

not sent

Re: Docket No. DMEA-2531 (Copper, Zinc-Lead)
(formerly DMA-872)
Lead & Copper Mines, Inc.
Aladdin Mines, Elko County, Nevada

Dear Mr. Miller:

We acknowledge ~~the~~ letter of August 8, 1952, from Mr. Robert W.Decker, Chief Geologist of your firm, and his report which was prepared at the request of Mr. John Uhalde to supplement the information submitted in his application dated January 29, 1952 (revised application dated March 5, 1952) on the above property. The maps which Mr. Decker forwarded under separate cover were received simultaneously with his report.

It is noted on page 1 of the report, under the caption "Change of Ownership and Applicant", that the lease held on the Aladdin Mines property by Messrs. John Uhalde and Benjamin Parker of Lead Copper Mines, Incorporated, has been assigned to you. It is further stated, "This lease has been wholly assigned to Mr. Miller, and a copy of the legal instrument is enclosed." We regret to advise you, however, that a copy of the lease was not included in the bound copy of the report. Please forward a copy of this lease to us at your early convenience.

We will proceed with the review of this application and the data submitted by Mr. Decker, following which you will be advised of our determination.

Sincerely yours,
EWE, etc.

NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION

CONTRACT MINERAL SURVEYS

SURVEYS:
- GEOLOGICAL
- DIAMOND DRILL
- GEOCHEMICAL
  - COLORIMETRIC
  - SPECTROGRAPHIC
- GEOPHYSICAL
  - MAGNETIC
  - ELECTRICAL

RE: Docket No. DMEA-2531
formerly
Docket No. DMA-872 (Copper, Zinc-Lead)
Aladdin Mines
Elko County, Nevada

This map and section accompany the "Supplementary Data" report by New World Exploration, Research and Development Corporation August 8, 1952

Inaccuracies
Newmont drill 1000' Benson 11/5/51
This report p.8 300'
accompany map says "approximate Newmont work" - should be accurate because very important

p3 diamond drill 3-400' holes "perpendicular" to Davis Tunnel. What direction is that & why perpendicular?

NEW WORLD EXPLORATION, RESEARCH
AND DEVELOPMENT CORPORATION
CONTRACT MINERAL SURVEYS

SURVEYS:
GEOLOGICAL
DIAMOND DRILL
GEOCHEMICAL
COLORIMETRIC
SPECTROGRAPHIC
GEOPHYSICAL
MAGNETIC
ELECTRICAL

P. O. Box 1206
Reno, Nevada
August 8, 1952

Mr. Ernest Wm. Ellis, Acting Chief
Rare and Miscellaneous Metals Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Dear Mr. Ellis:

The report enclosed with this letter is the supplementary data you requested in order to continue processing Docket No. DMEA 2531 formerly referred to as Docket No. DMA 872 (Copper, Zinc-Lead), Aladdin Mines, Elko County, Nevada. The maps accompanying this report are being sent under separate cover.

New World Exploration, Research and Development Corporation, during the months of June and July, 1952, engaged in a comprehensive investigation of the potential of the Aladdin Mines property. This work included surface and underground surveying to establish the relationship of the upper levels to the low level Davis Tunnel. Detailed Geological work was performed to ascertain the most favorable areas on the Davis Tunnel level for the extensions of the upper ore bodies. Two important conclusions are evident from this work:

1. There is a good probability that the rich upper ore bodies extend to the Davis Tunnel level; and

2. The tunnel has not penetrated far enough to enter the area where such extensions should occur.

We recommend without reservation that the Aladdin Mines property merits a program of intensive exploration.

Respectfully submitted,

Robert W. Decker
Chief Geologist

NEW WORLD EXPLORATION, RESEARCH

AND DEVELOPMENT CORPORATION

SUPPLEMENTARY DATA

Docket No. DMEA-2531

formerly

Docket No. DMA-872
(Copper, Zinc - Lead)
Aladdin Mines
Elko County, Nevada

Project No. 83

Russell T. Miller, Sr.

Elko County

Nevada

August 8, 1952

CHANGE OF OWNERSHIP AND APPLICANT

The lease held on the Aladdin Mines property by Messrs. John Uhalde and Benjamin Parker of Lead Copper Mines, Incorporated, has been assigned to Mr. Russell T. Miller, Sr., P.O. Box 1206, Reno, Nevada.

This lease has been wholly assigned to Mr. Miller, and a copy of the legal instrument is enclosed. In affect, this changes only the name of the leaseholder and applicant for aid for an exploration project pursuant to Mineral Order 5, under Defense Production Act of 1952. The project and extent of the properties remain the same. Presumably, therefore, this application can be continued to be processed with the previously submitted information as Docket No. DMEA-2531.

DETAILED INFORMATION REQUESTED BY MR. ERNEST WM. ELLIS IN HIS LETTER OF MARCH 26, 1952

1. Proposed Exploration

Recommend extending the Davis tunnel from the face of the Newmont Extension for 800 feet in a westerly direction for the following purposes:

A. To attempt encountering extensions of major ore bodies occurring on the upper levels.

B. To establish sites for diamond drilling the general target area if the tunnel itself does not encounter ore.

C. To permit extension of the sub-surface geologic pattern so that the diamond drill holes may be located to maximum advantage.

This tunnel extension is proposed rather than diamond drilling from the present face of the tunnel for these reasons:

A. The long diamond drill holes necessary to reach the target area from the present face would be almost as costly as extending the tunnel.

B. The tunnel extension will disclose more information regarding the direction and extent of the

quartz porphyry dikes (which control the ore bodies) than diamond drill cores. This information will be essential for pin-pointing the extensions of the upper level ore bodies.

If the tunnel extension does not encounter ore, 1200 feet of diamond drilling is recommended. This will involve three holes of 400 feet each driven perpendicularly to the tunnel extension. The exact location of these holes should not be chosen until the geologic information obtained from the tunnel extension is correlated with present data.

Track and pipe are now installed to the face of the Davis tunnel, and extension of the tunnel could begin with very little mobilization work. A large compressor, mucking machine, drifters, pipe and hose, bits, steel, powder and fuse, an electric trammer, mine cars, track and ventilation tube will be needed for the tunnel extension. Five men will be needed for this work, and it should take approximately five months time for completion.

The diamond drilling program subsequent to this tunnel extension can be performed with an air driven underground drill. All accessory facilities will be on hand from the tunnel extension work. This program should take approximately three months, including plotting the locations,

establishing the drill sites, moving on the job, and actual drilling time.

Including organization and completion tasks, the entire project, barring acts of God, should take less than one year to complete.

2. Map and Section

A map and cross section with the requested information are sent under separate cover. This map shows the holdings of the Nevada Bunker Hill Mining Company which form the major holdings of the Aladdin Mines Company. The major control of the ore bodies is the intersection of the two main quartz porphyry dikes. The alteration of the dike rock near this intersection has been intense and considerable halloysite clay has been formed. The lead-zinc ore bodies have formed in the limestone as replacements along and at the intersections of fractures. There is no evident pattern of the fractures making ore. In fact, the Standing Elk ore body (number 1) can be traced as an irregular chimney following one fracture after another between the No. 5 level and the surface. The apparent control is the spatial relationship of the orebodies to the intersection of the main dikes. All of the major lead-zinc ore bodies but one are just northeast of the

intersection of the dikes in the wedge of limestone between the dikes. The north 30 east trending dike apparently dips steeply from nearly vertical to slightly westward. The north 60 west trending dike has an apparent dip of 70 degrees to the south. The intersection of the dikes pitches to the southwest. The projected intersection area at the Davis tunnel level is about 600 to 800 feet west of the present face of the Newmont extension. The general pitch of the upper level ore chimneys is also in this direction.

The copper ore bodies, numbers 4 and 5, (and the recently discovered tungsten mineralization) occur within the porphyry dikes. The target area for these is again controlled by the intersection zone of the two major dikes.

Stratigraphic control of the ore bodies within a 400 foot member of mottled blue to white to gray limestone is indicated by general surface structure. The limestone is too twisted and fractured near the ore bodies to permit any detailed analysis of this possible control. However, the general dip of the limestone series surrounding the ore bodies is steeply westward. This would shift the possibly favorable member to the west at depth.

All the data regarding the probable direction of extension of the ore bodies to the Davis tunnel level indicates the

target area to be 600 to 800 feet west of the present face of the tunnel. For this reason the extension of the tunnel to this target area is fully recommended. This extension is shown on the map as a green line.

Typical analyses of the ore bodies:

Number 1. The Standing Elk. 15 oz. silver, 12% lead, 8% zinc, 2% copper.

Number 2. Hussy. 17 oz. silver, 11% lead, 5% zinc, 3% copper.

Number 3. Key Lode. 20 oz. silver, 15% lead, 3½% copper.

Numbers 4 and 5. Copper Silicate. 4 oz. silver, 8% copper.

Number 6. Web Foot. 17 oz. Ag, 17% lead, 3% copper.

These values are representative of the major portions of the ore bodies and not of the high-grade streaks within them which carry much richer values.

3. Detailed Cost Estimate Covering Each Separate Part of the Program

Tunnel Extension:

Labor	$13,500.00
Supplies	4,000.00
Supervision	5,000.00
Engineering	1,500.00

Equipment.....	$11,375.00
	$35,375.00

Except for a blower and 5000 feet of vent tube which would be purchased (estimated cost $3,000.00), the equipment would be rented at these approximate rates:

600 Cu.Ft. Compressor.....	$900.00	per	month
Mucking Machine.....	175.00	"	"
2 Drifters.....	110.00	"	"
Electric Trammer and Charger....	425.00	"	"
3 Two-Ton Mine Cars.....	75.00	"	"

Diamond Drilling:

Labor.....	$ 4,200.00
Supplies.....	2,400.00
Supervision.....	2,700.00
Engineering.....	900.00
Equipment.....	4,800.00
	$15,000.00

Rental of the diamond drill rig will cost approximately $700.00 per month, and there will be the continued need for the compressor at $900.00 per month.

The total estimated cost of this exploration project is $50,375.00.

4. Unit Contract Price

New World Exploration, Research and Development Corporation offers to contract the entire exploration project as outlined above on a cost plus 20% basis. This would make the unit contract price approximately $60,000.00.

5. Newmont Exploration

No report of the Newmont work is available. The work they performed which is in evidence on the Aladdin Mines property is as follows:

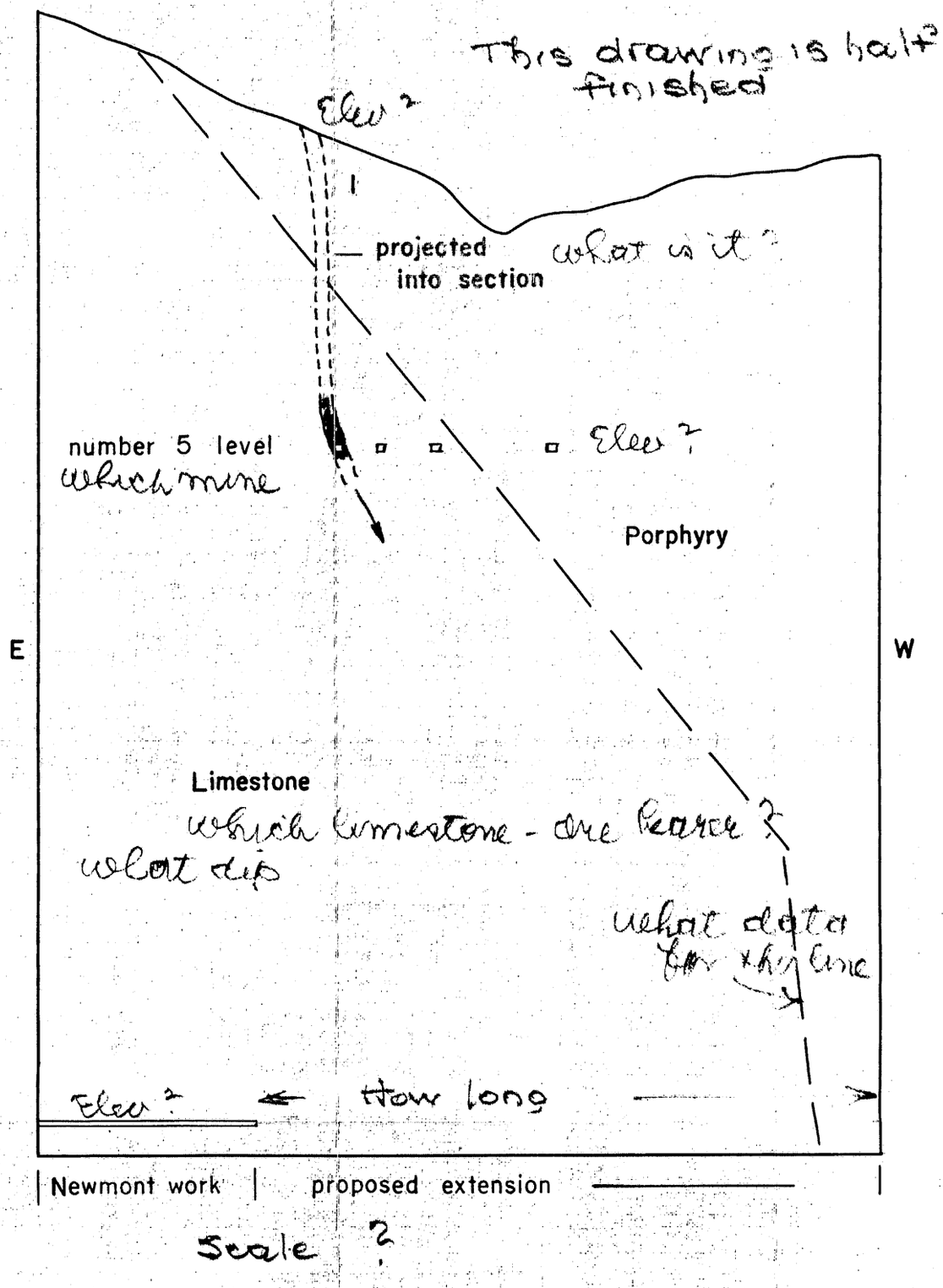
A. Construction of four buildings for living quarters in the mining camp.

B. Installation of track and pipe in the Davis tunnel - this was left installed in good condition when they abandoned the property in exchange for stock in the Aladdin company.

C. Extension of the tunnel in a southerly, then westerly direction for a total of approximately 400 feet. This extension was not conclusive in any apparent way. It did not approach the target area at depth, although the last 200 feet did bear in this direction, and it did not intercept any significant geologic structures.

D. No diamond drilling was performed, either

surface or underground. The Newmont Company did contemplate diamond drilling and had a drill upon the property. No actual drilling was performed, however. A letter to this effect from Mr. J. R. C. Mann of Newmont Mining Corporation, dated April 4, 1950, is in the files of the Aladdin Mines Company.



Scale ?

Section above present face of Davis Tunnel 8-5-52

accompanying report by [illegible] Brook [illegible] Co
8/8/52
[illegible] notes by [illegible]

FILE COPY
SURNAME:

200

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

MAY 27 1952

Mr. John Uhalde
Vice President
Lead and Copper Mines, Inc.
336 Merrill Avenue
P. O. Box 387
Reno, Nevada

Elko

Dear Mr. Uhalde:

Reference is made to your application for exploration assistance on the Aladdin Mines, Elko County, Nevada. Correspondence with you to date has indicated that Docket No. 872 has been assigned your application. This is a carry-over of the docket number on your production loan filed sometime ago.

In order to distinguish between a production loan application, which is now under the jurisdiction of the Defense Materials Procurement Agency, and the exploration assistance application being processed by this Administration, we have assigned Docket No. DMEA 2531 to your exploration assistance application. Any future correspondence regarding your application should be referred to by Docket No. DMEA 2531.

Sincerely yours,

Robert E. Adams
Administrative Officer
Defense Minerals Exploration
Administration

READams/meb
5-27-52
cc to: Adm.Reading File
Mails & Files Br.

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AIR MAIL

Mr. Russell T. Miller
New World Exploration, Research
and Development Corporation
P. O. Box 1206
Reno, Nevada

Re: Docket No. DMA-~~072~~ 2531
(Copper, Zinc-Lead)
Aladdin Mines,
Elko County, Nevada

Dear Mr. Miller:

Your letter of April 9, 1952, advising that Mr. John Uhalde, Vice President, Lead and Copper Mines, Inc. Box 387, Reno, Nevada, has engaged your services to obtain the information required by this Agency in connection with his above docketed application, is appreciated.

It is noted that considerable time will be required to compile this data, but we will hold the application in abeyance pending further information from you.

Very truly yours,

4/16

Ernest Wm. Ellis, Chief
Rare and Base Metals Division
Defense Minerals Exploration
Administration

Copy to Mr. John Uhalde, Reno, Nevada

GLAult/EWEllis/gls
4-15-52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216 GS
Ellis
Field Team, Region III (2)

4/14/52 rgla

NEW WORLD EXPLORATION, RESEARCH AND DEVELOPMENT CORPORATION

CONTRACT MINERAL SURVEYS

SURVEYS:
- GEOLOGICAL
- DIAMOND DRILL
- GEOCHEMICAL
  - COLORIMETRIC
  - SPECTROGRAPHIC
- GEOPHYSICAL
  - MAGNETIC
  - ELECTRICAL

NEW WORLD EXPLORATION SERVICES

APR 14 1952

P.O. Box 1206
Reno, Nevada
April 9, 1952

Re: Docket No. DMA-~~872~~ 2531
(Copper, Zinc-Lead)
Alladin Mines
Elko County, Nevada

Mr. Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

Dear Mr. Ellis:

Mr. John Uhalde of Box 387, Reno, Nevada asked me to write you concerning his application for a government exploration loan.

He has engaged our services to get the information you require in your processing of his loan application. It will take quite a time to obtain this data and he was anxious that we contact you to let you know work was progressing on this phase.

We will send the information as soon as possible.

Sincerely yours,

Russell T. Miller

RM/bc

FILE COPY
SURNAME:
700

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AIR MAIL

MAR 26 1952

Mr. J. H. Shalde, President
336 Merrill Avenue
P.O. Box 387
Reno, Nevada

Re: Docket No. 2531 ~~DMA-872~~ (Copper, Lead, Zinc)
Aladdin Mines
Elko County, Nevada

Dear Mr. Shalde:

We wish to acknowledge receipt of your revised Form MF-103 "Application for Aid for an Exploration Project" dated March 5, 1952.

There appears to have been a misunderstanding regarding the kind of information we will require to process the captioned application. In our letter of February 11, 1952, we requested "a detailed plan of exploration with geologic maps showing plans and section of proposed drilling and complete cost estimate". In order for us to continue with the processing of the application we will require the following detailed information:

1. Furnish a detailed description of the exploration work you propose to do, i.e. number and length of diamond drill holes, with the facilities and work required to make the drilling site accessible. Also an estimate of the length of time required to complete each part of this work.

2. Submit maps or sketches in plan and section drawn to scale, showing the geology, location and extent of the proposed work, exposures and extent of the known mineral exposures with locations and sample values, all in relation to the mining claims.

3. Furnish a detailed cost estimate covering each separate part of this drilling program, broken down into terms of labor, supplies, supervision, engineering (including sampling, analysis and mapping) and equipment. Indicate if equipment to do this work is to be purchased, rented or furnished, and give a description of each unit with an estimate of the period of time each unit will be required. If the equipment units are to be purchased, quote the unit price, if to be rented, give the rental rate, and if to be furnished state the fair market value of each unit.

4. If any part of the proposed work is to be done by a contractor, the unit contract price is to be indicated.

5. If the results of the exploration work done by the Newmont Mining Company, during 1946 and 1947 are available, please send a copy of the report.

Upon the receipt of the above information we will be able to continue processing this application.

Sincerely yours,

SIGNED

cc 3/26

Ernest Am. Ellis, Chief
Rare and Ferr. Metals Division
Defense Minerals Exploration
Administration

FLKnouse/jem
3/25/52
cc to: Adm. Reading File
Docket
Messrs. C.H.Johnson, Rm. 3621
Ned Nelson, Rm. 4216 GS
Ellis
Knouse
Field Team, Region III (2)

3/20/52 gla

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 20, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Ned E.Nelson

Subject: DMA-~~872~~ 2531, Revised Lead and Copper Mines, Inc., Aladdin Mines, Elko County, Nevada

Comment

It would assist the reviewers if the field team had done a little more work in the inner end of the long crosscut, Davis Tunnel, perhaps 1,000 feet, not 10,000 feet. Perhaps there is 'talk' as to why Newmont pulled out after doing 300 feet of work, extending the long crosscut. The 'bite' taken is probably excessive, 500 feet, nature of the deposit considered, but some telltale conditions similar to those in the ore bearing sections of the mines above should be there to encourage, or lacking, to have caused Newmont to quit. We are not told whether or not there are 'bottoms' in the lowest levels of the old mines. If so, going down on them would seem to be in order since the ore is high grade. The Van Barneveld report (1916) intimates the ore structures are still strong at the lowest levels and strongly recommends the continuance of the deep crosscut. A small, but valuable, tonnage was produced during 1916, '17 and '18. From that time until Newmont took over in 1946, the mines seem to have been idle.

If possible, a geologic map should be made as proposed by Mr. Johnson. Such a map might indicate where new work should start. By inference the low level adit (Davis) is not now the place to begin.

N. E. Nelson

Ned E. Nelson
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

March 17, 1952

Memorandum

To: E. W. Ellis

From: C. H. Johnson

Subject: DMA ~~872~~ 2531 Revised - Lead and Copper Mines, Incorporated
Aladdin Mines, Alco County, Nevada (Copper)

After reviewing the subject docket, I do not see what can be recommended unless DMEA is prepared to assist by paying for a share of an adequate geologic study of the property. It seems to me that no reasonable exploratory program could be or should be laid out until after such a study is completed. It would be extremely difficult to estimate even approximately the cost and nature of a second phase of the exploration that might follow after a geologic study.

In view of the belief of the field team that good exploratory possibilities would be developed, it is to be hoped that such a study can be made, with or without government assistance. The docket has been passed on to Mr. Nelson.

C. H. Johnson

C. H. Johnson

Copy to Mr. Nelson, USGS
Minerals Division
Base Metals Branch
C. H. Johnson
Files

Have copies of Maps A & B made & send 1 copy of each to Miller

Mr. H. C. Miller

Executive Officer, Field Team III

1012 Flood Building

370 Market Street

San Francisco 2, Calif.

Re: Docket No. DMA-872 Revised (Copper)

Lead and Copper Mines, Inc.

Aladdin Mine

Elko County, Nevada

Dear Mr. Miller:

~~Reference is made to the above docket. A copy of the revised application is enclosed. In reviewing this application it is apparent that there is insufficient information available in the docket to lay out any form of an exploration program without more detailed geologic data. Yoy~~

~~Your recommendation of a geologic study of the area prior to preparing an exploration program is sound. However a straight program of geologic mapping for preparation of an exploration program is not acceptable by the DMEA. Geologic mapping may be allowed as stage 1 of an exploration contract with the other stages proposed being dependent on stage 1.~~

For this reason, we feel that the Field Team should make an attempt to procure the following information so that this application may be considered. See attached copies of memmorandum by C. H. Johnson and Ned E. Nelson.

We are particularly interested in the geology of that section of the Davis Tunnel driven by Newmont Corp. This work is shown on Map B attached to the revised application. Newmont drove nearly 1400 feet of development which extended apparently under the area of the Standing Elk ore body and then pulled out. Did the field team ascertain if a report on this

~~work could be obtained from the owner?~~

Probably written by Rutledge

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

March 20, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: Ned E.Nelson

Subject: DMA-~~872~~ 3531, Revised Lead and Copper Mines, Inc., Aladdin Mines, Elko County, Nevada

Comment

It would assist the reviewers if the field team had done a little more work in the inner end of the long crosscut, Davis Tunnel, perhaps 1,000 feet, not 10,000 feet. Perhaps there is 'talk' as to why Newmont pulled out after doing 300 feet of work, extending the long crosscut. The 'bite' taken is probably excessive, 500 feet, nature of the deposit considered, but some telltale conditions similar to those in the ore bearing sections of the mines above should be there to encourage, or lacking, to have caused Newmont to quit. We are not told whether or not there are 'bottoms' in the lowest levels of the old mines. If so, going down on them would seem to be in order since the ore is high grade. The Van Barneveld report (1916) intimates the ore structures are still strong at the lowest levels and strongly recommends the continuance of the deep crosscut. A small, but valuable, tonnage was produced during 1916, '17 and '18. From that time until Newmont took over in 1946, the mines seem to have been idle.

If possible, a geologic map should be made as proposed by Mr. Johnson. Such a map might indicate where new work should start. By inference the low level adit (Davis) is not now the place to begin.

N. E. Nelson

Ned E. Nelson
Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

March 17, 1952

Memorandum

To: E. W. Ellis

From: C. H. Johnson

Subject: IMA 872 Revised - Lead and Copper Mines, Incorporated
Aladdin Mines, Alco County, Nevada (Copper)

After reviewing the subject docket, I do not see what can be recommended unless IMEA is prepared to assist by paying for a share of an adequate geologic study of the property. It seems to me that no reasonable exploratory program could be or should be laid out until after such a study is completed. It would be extremely difficult to estimate even approximately the cost and nature of a second phase of the exploration that might follow after a geologic study.

In view of the belief of the field team that good exploratory possibilities would be developed, it is to be hoped that such a study can be made, with or without government assistance. The docket has been passed on to Mr. Nelson.

C. H. Johnson

CHJohnson/rhr
Copy to: Mr. Nelson, USGS
Minerals Division
Base Metals Branch
C. H. Johnson
Files

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmea/2530 REVISED
Metal or Mineral
Date Received 3-10-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Name and address of applicant

Date March 5, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested Exploration [redacted],

DMA Docket Number (if available) 872

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Lead and Copper Mines, Inc.
(Name of company)

By John H. Whaley
(Signature of authorized official)

March 5, 1952
(Date)

Vice-president
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

3. General outline of plan for exploration on a matching basis:

Phase #1 Cost $11,000.00

1. Surface Geology
2. Underground Geology
   a. all levels included
   b. Davis tunnel level
3. Establish master coordinate system
   a. Surface survey work
   b. Underground survey work
4. Prepare complete set of maps
   a. Surface
   b. Underground
   c. Drill and assay

Phase #2 Diamond Drilling $16,400.00

1. Drilling #4 level - west to Webfoot break, 400 ft.
2. Drilling #5 level - east drift to Tripoli, 500 ft.
   -west to Webfoot, 300 ft.
   - drill contact, 100 ft.
3. Drilling #6 level - to Elk break, 500 ft.
   - to Webfoot break, 500 ft.
4. Assaying above drilling

Phase #3 Cost $40,700.00

Drilling Davis tunnel, exploring downward extensions of Tripoli, Elk, and Webfoot ore bodies, see map B. 3,400 ft. and assaying

Total cost of project $106,200.00

3b. Statrt the project May 25, 1952, 30 days preparation, 10 months to complete project-June 25, 1952 - April 25, 1953.

4 Map submitted
   a. Upper levels
   b. Davis tunnel

5. Already submitted

6. Improve water facilites Davis tunnel level for drilling. $2,500.00.
   Improve compressor house and shop 1,000.00
   Improve assay house 1,500.00

7. a. Drilling Davis tunnel, one 500 cu. ft. compressor rental $900.00/ mo.
   renal one diamond drill $750.00/mo.
   Estimate time on two pieces--6 mo.
   b. none
   c. Furnished by us

2 6x6 2½ ton trucks	$30.00/day apiece
2 4x4 personnel carriers	20.00/day apiece
1 H. D. 7 loader	100.00/day
1 D4 Caterpillar	64.00/day
4 Ingersoll Rand #85 stopers	4.00/day apiece
4 J. B. 5 jackhammers, hose, etc.	4.00/day apiece
10 kw light plant	4.00/day
1 365 cu. ft. I G. Rand compressor	450.00/mo.
1 210 cl. ft. Gardner Denver	290.00/mo.

8. Furnish an itemized schedule of labor by numbers and classes (miners, muckers, etc.) and of superivsors by numbers and positions, with the maximum wages or salaries to be paid to each.

Miners 10 @ 15.00/day
Muckers 5 @ 11.00/day
Mecahanics and general purpose men 2 @ $15.00/day
General superintendent @ $750/mo
Cook @ $250.00/mo
2 Surface men @ $11.00/day
1 Assayer @ $300.00/mo
1 Bookkeeper @ $300.00/mo.

9.

Materials	$9,000.00
Supplies	9,000.00
Accounting	2,700.00
General Misc.	2,500.00
Total	$23,200.00

10. a. $53,000.00
    b. yes

11. none

Ask Ellis if they are in mind to finance geologic study. It is not practicable to require layout of explor. work prior to geologic exam.

Should believe $ of $ 11,000, perhaps 5,000 would do it, and perhaps even less. I don't see how we can do any program in absence of a decent report. And Mr. [illegible] has said it would take 3 weeks to work me up.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmma 2531 REVISED
Metal or Mineral
Date Received 3-10-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 367
Reno, Nevada

Name and address of applicant

Date March 6, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested Exploration Loan & Exp.,

DMA Docket Number (if available) DMA 472 (copies 2nd and 3rd [illegible])

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. (see Appl.)

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application. (see Appl.)

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. (see note 1+2)

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

Make light of [illegible] on maps

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 10 1952
16-84067-2

The information reques[illegible]n questions 3, 4, 5, 6, 7, 8, and 9 below shou[illegible]e answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project. — ?

   (*b*) State the time required to start the project and to complete it. 2 yrs.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc. See small map. —

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. —

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. —

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented —

   (*b*) Purchased —

   (*c*) Furnished by you —

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project. —

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. —

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. —

10. (*a*) How much are you prepared to invest in the proposed project? —

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? — —

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Lead and Copper Mines, Inc.
(Name of company)

By John H. Whaley
(Signature of authorized official)

March 6, 1952
(Date)

Vice-President
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Re: Docket No. IMA-872

3. General outline of plan for exploration on a matching basis:

Phase #1 Cost $11,000.00

1. Surface Geology
2. Underground Geology
   a. all levels included
   b. David tunnel level
3. Establish master coordinate system
   a. Surface survey work
   b. Underground survey work
4. Prepare complete set of maps
   a. Surface
   b. Underground
   c. Drill and assay

Phase #2 Diamond Drilling $16,400.00

1. Drilling #4 level - west to Webfoot break, 400 ft.
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   - drill contact, 100 ft.
3. Drilling #6 level - to Elk break, 500 ft.
   - to Webfoot break, 500 ft.
4. Assaying above drilling

Phase #3 Cost $49,700.00

Drilling Davis tunnel, exploring downward extensions of Tripoli, Elk, and Webfoot ore bodies, see map B. 3,400 ft. and assaying

Total cost of project $106,200.00

3b. Statrt the project May 25, 1952, 30 days preparation, 10 months to complete project-June 25, 1952 - April 25, 1953.

4 Map submitted
   a. Upper levels
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7. a. Drilling Davis tunnel, one 500 cu. ft. compressor rental $900.00/ mo.
   renal one diamond drill $750.00/mo.
   Estimate time on two pieces--6 mo.
   b. none
   c. Furnished by us

2 6x6 2½ ton trucks	$30.00/day apiece
2 4x4 personnel carriers	20.00/day apiece
1 H. D. 7 loader	100.00/day
1 D4 Caterpillar	64.00/day
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General superviser @ $750/mo
Cook @ $250.00/mo
2 Surface men @ $11.00/day
1 Assayer @ $300.00/mo
1 Bookkeeper @ $300.00/mo.

9. Materials $9,000.00
Supplies 9,000.00
Accounting 2,700.00
General Misc. 2,500.00
Total $23,200.00

10. a. $53,000.00
b. yes

11. none

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmea 253/REVISED
Metal or Mineral
Date Received 3-10-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Name and address of applicant

Date March 5, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested production,

DMA Docket Number (if available) 872

INSTRUCTIONS

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1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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DEPARTMENT OF THE INTERIOR
RECEIVED
MAR 10 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

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   (*c*) Furnished by you

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8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Lead and Copper Mines, Inc.
(Name of company)

By _____
(Signature of authorized official)

March 5, 1952
(Date)

Vice-president
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Re: Docket No. IMA-872

3. General outline of plan for exploration on a matching basis:

Phase #1 Cost $11,000.00

1. Surface Geology
2. Underground Geology
   a. all levels included
   b. David tunnel level
3. Establish master coordinate system
   a. Surface survey work
   b. Underground survey work
4. Prepare complete set of maps
   a. Surface
   b. Underground
   c. Drill and assay

Phase #2 Diamond Drilling $16,400.00

1. Drilling #4 level - west to Webfoot break, 400 ft.
2. Drilling #5 level - east drift to Tripoli, 500 ft.
   -west to Webfoot, 300 ft.
   - drill contact, 100 ft.
3. Drilling #6 level - to Elk break, 500 ft.
   - to Webfoot break, 500 ft.
4. Assaying above drilling

Phase #3 Cost $40,700.00

Drilling Davis tunnel, exploring downward extensions of Tripoli, Elkø, and Webfoot ore bodies, see map B. 3,400 ft. and assaying

Total cost of project $106,200.00

3b. Start the project May 25, 1952, 30 days preparation, 10 months to complete project-June 25, 1952 - April 25, 1953.

4 Map submitted
   a. Upper levels
   b. Davis tunnel

5. Already submitted

6. Improve water facilites Davis tunnel level for drilling. $2,500.00.
   Improve compressor house and shop 1,000.00
   Improve assay house 1,500.00

7. a. Drilling Davis tunnel, one 500 cu. ft. compressor rental $900.00/ mo.
   renal one diamond drill $750.00/mo.
   Estimate time on two pieces--6 mo.
   b. none
   c. Furnished by us

2 6x6 2½ ton trucks	$30.00/day apiece
2 4x4 personnel carriers	20.00/day apiece
1 H. D. 7 loader	100.00/day
1 D4 Caterpillar	64.00/day
4 Ingersoll Rand #85 stopers	4.00/day apiece
4 J. B. 5 jackhammers, hose, etc.	4.00/day apiece
10 kw light plant	4.00/day
1 365 cu. ft. I G. Rand compressor	450.00/mo.
1 210 cl. ft. Gardner Denver	290.00/mo.

Furnish an itemized schedule of labor by numbers and classes (miners, muckers, etc.) and of superivsors by numbers and positions, with the maximum wages or salaries to be paid to each.

Miners 10 @ $15.00/day
Muckers 5 @ 11.00/day
Mecahanics and general purpose men 2 @ $15.00/day
General supervisor @ $750/mo
Cook @ $250.00/mo
2 Surface men @ $11.00/day
1 Assayer @ $300.00/mo
1 Bookkeeper @ $300.00/mo.

9.

Materials	$9,000.00
Supplies	9,000.00
Accounting	2,700.00
General Misc.	2,500.00
Total	$23,200.00

10. a. $53,000.00
    b. yes

11. none

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmea/2531 REVISED
Metal or Mineral
Date Received 3-10-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Name and address of applicant

Date March 5, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested Exploration [redacted],

DMA Docket Number (if available) 872

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

DEPARTMENT OF THE INTERIOR
MAR 10 1952

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Lead and Copper Mines, Inc.
(Name of company)

By John H. Wheeler
(Signature of authorized official)

March 5, 1952
(Date)

Vice-president
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Re: Docket No. IMA-872

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   Estimate time on two pieces--6 mo.
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Accounting	2,700.00
General Misc.	2,500.00
Total	$23,200.00

10. a. $53,000.00
b. yes

11. none

700
FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Rutledge
Ellis
Nutt

AIR MAIL

FEB 11 1952

Mr. J. [illegible] Chalde, Vice President
Lead and Copper Mines, Inc.
336 Merrill Avenue
P. O. Box 337
Reno, Nevada

Re: Docket No. DMA-872 (Copper-Lead)
Aladdin Mines
Elko County, Nevada

2531

Dear Mr. Chalde:

Your application on Form [illegible]-103 requesting exploration assistance was received by this Division February 4, 1952.

In our letter of January 11, 1952, attached to the forms sent you we suggested that you apply for an exploration contract since the measured ore reserves were inadequate to warrant a production loan of the magnitude you had requested. It is noted that you have failed to give a detailed plan of exploration with your new application. This would have been covered by the first five questions on Form [illegible]-103. These questions require the location of work, amount of work, and unit and total cost of work proposed. It has been inferred from the information submitted that your new request is similar to the original request for a production loan.

On this basis, your application has been reviewed by the Defense Minerals Exploration Administration and it is our opinion that the past production from this property, the known ore reserves, and geologic evidence do not warrant the expenditure of such a large sum of money for exploration.

However, a proposal for diamond drilling from the end of the Davis Tunnel to locate the downward extensions of the [illegible] silk and Hoffman ore bodies and possibly drilling from the tunnel to locate the downward extension of the Tripoli ore body might be considered by this agency. This would depend upon the geologic evidence favoring such a possibility.

If you are interested in an exploration program of this nature please complete the attached forms and give a detailed plan of exploration with geologic maps showing plan and sections of proposed drilling and complete cost estimates.

FRutledge/mej 2/8/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216
Ellis Rutledge
Field Team, Region III (2)

Enclosures
5[illegible]-103 Form

Very truly yours,

SIGNED

Ernest M. Ellis, Acting Chief
Lease and Misc. Metals Division
Defense Mineral Exploration
Administration

S.N.
2-11-52

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmea 2531
Metal or Mineral
Date Received 2-4-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Name and address of applicant

Date January 29, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested production,

DMA Docket Number (if available) 872

INSTRUCTIONS

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1952

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

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Lead and copper Mines, Inc.
(Name of company)

By John H. Walk
(Signature of authorized official)

January 29, 1952
(Date)

Vice president
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Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

6. Furnish a detailed list of additional facilities, buildings, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

Enlarge bunkhouse to accomodate thirty men) Build changehouse)	$15,000.00
Increase water facilities	5,000.00
Improve compressor house and shop	2,500.00
Improve assay office	1,500.00
Enlarge kitchen	2,000.00

7. Furnish a detailed list of operating equipment, separated into items to be--

(a) Rented

One electric mule	$600.00/mo.
One mucking machine	600.00/mo.
One diamond drill	750.00/mo.
Two double drum slushers	250.00/mo.

(b) Purchased

560 cu. Ft. compressor	$17,500.00
2 tons drill steel	360.00
10 two ton mine cars	6,000.00
2,000 Timken general purpose bits	1,200.00

(c) Furnished by you

2 6x6 2½ ton trucks	$30.00/ day apiece
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Re: Docket No. IMA-872

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Cook's helper $150.00/mo.
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1 Bookkeeper $300.00/mo.

9. Furnish a detailed list with estimated cost of each item for materials supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

Materials	$35,000.00
Supplies	30,000.00
Engineering	20,400.00
Assaying	7,500.00
Accounting	7,800.00
Power	18,000.00
Misc.	5,000.00

10. (a) How much are you prepared to invest in the proposed project?

$150,000.00

(b) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulati ns on Government participation?

Yes

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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By John H. Uhalde
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Vice president
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U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

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Cook $250.00/mo.
Cook's helper $150.00/mo.
2 Surface workers $11.00/day
1 Assayer $10.00/ day or $300.00/mo.
1 Bookkeeper $300.00/mo.

9. Furnish a detailed list with estimated cost of each item for materials supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

Materials	$35,000.00
Supplies	30,000.00
Engineering	20,400.00
Assaying	7,500.00
Accounting	7,800.00
Power	18,000.00
Misc.	5,000.00

10. (a) How much are you prepared to invest in the proposed project?

$150,000.00

(b) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulati ns on Government participation?

Yes

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dmea 2531
Metal or Mineral
Date Received 2-4-52
Amount $
Participation (Government %)

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 387
Reno, Nevada

Name and address of applicant

Date January 29, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested production,

DMA Docket Number (if available) 872

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Lead and copper Mines, Inc.
(Name of company)

By John H. Whalde
(Signature of authorized official)

January 29, 1952
(Date)

Vice president
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Re: Docket No. DMA-872

6. Furnish a detailed list of additional facilities, buildings, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

Enlarge bunkhouse to accomodate thirty men) Build changehouse)	$15,000.00
Increase water facilities	5,000.00
Improve compressor house and shop	2,500.00
Improve assay office	1,500.00
Enlarge kitchen	2,000.00

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(a) Rented

One electric mule	$600.00/mo.
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One diamond drill	750.00/mo.
Two double drum slushers	250.00/mo.

(b) Purchased

560 cu. Ft. compressor	$17,500.00
2 tons drill steel	360.00
10 two ton mine cars	6,000.00
2,000 Timken general purpose bits	1,200.00

(c) Furnished by you

2 6x6 2½ ton trucks	$30.00/ day apiece
2 4x4 personnel carriers	20.00/day "
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1 D4 Caterpillar	64.00/day
4 Ingersoll Rand #85 stopers	4.00/day "
4 J. B. 5 jackhammers, hose, etc.	4.00/day "
10 kw light plant	4.00/day
1 365 cu. ft. I G. Rand compressor	450.00/mo.
1 210 cu. ft. Gardner Denver	290.00/mo.

Re: Docket No. IMA-872

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Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. dma 2531
Metal or Mineral
Date Received 2-4-52
Amount $
Participation (Government %)

Name and address of applicant

LEAD AND COPPER MINES, INC.
336 Morrill Avenue
P. O. Box 337
Reno, Nevada

Date January 30, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested production,

DMA Docket Number (if available) ~~072~~

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Lead and copper Mines, Inc.
(Name of company)

By John H. Whalen
(Signature of authorized official)

January 29, 1952
(Date)

Vice president
(Title)

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U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

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4 J. B. 5 jackhammers, hose, etc.	4.00/day "
10 kw light plant	4.00/day
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$150,000.00

(b) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulati ns on Government participation?

Yes

700
FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

SAFeitler
Ellis
Mail

AIR MAIL

Mr. J. H. Thalde
Lead and Copper Mines, Inc.
336 Merrill Avenue
P. O. Box 387
Reno, Nevada

JAN 11 1952

Re: Docket DMA-872
(Copper Inc Lead)

Dear Mr. Thalde:

Your application was received January 4th by this Division from the Defense Materials Procurement Agency which is now handling loan applications.

On July 18, 1951 Mr. Tom Lyon, then Director of the Supply Division, Defense Minerals Administration, wrote you (copy of letter attached) suggesting that you apply for exploration assistance because measured ore was inadequate to warrant a loan.

For your convenience we enclose MO-5 as amended and 5 copies of form M-103, revised June, 1951 and a sample copy of an exploration contract. These forms are currently in use.

A search of our files fails to reveal that an exploration application has been submitted. If we do not hear from you within 30 days, we will assume that you are not interested in making an application for exploration assistance and consider your file closed.

Sincerely yours,

Ernest Am. Ellis, Acting Chief
Rare and Misc. Metals Division
Defense Minerals Exploration
Administration

Enclosures

SAFeitler/jem 1-10-52
cc to: Adm. Reading File
1-11-52 S.D. Mails & Files Br.
Docket
Messrs. Johnson, C. H. 3621
Nelson, Ned R. 4216 G.S.
Ellis
Feitler
Field Team, Region III (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-87X, Lead and Copper Mines, Inc.

Aladdin Mine

Elko County, Nev.

W. T. Benson, Mining Engineer
U. S. Bureau of Mines

November 5, 1951

DOCKET DMA-872

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

Lead and Copper Mines, Inc.
ALADDIN MINES
Elko County, Nev.

SUMMARY

The Aladdin Mines Co., presently known as the Lead and Copper Mines, Inc., is situated in the Bullion Mining District, southwestern Elko County, Nev., about 30 miles southwest of Elko, the supply and shipping point on the Western and Southern Pacific Railroads.

Rock formations in which the ore bodies occur comprise thick bedded limestones intercalated with small quartzite members which on surface are completely surrounded by igneous rocks. The igneous rocks consist of granodiorite, rhyolite, and andesite which as a general rule are intrusive into the sedimentaries.

The ore bodies occur in the limestone as pipes of irregular and variable cross section and course, rising more or less steeply through the metamorphosed limestones and dolomites. Some are entirely enclosed, while others occur at the contact of the intrusive dikes.

Estimates of ore reserves can be only of the most general nature, unsupported by measurement. At present, it is estimated approximately 1,500 tons are indicated in fills and as continuations to old stoped areas. By nature and mode of occurrence, the pipe-like ore bodies found in the area are continuous , persistent, and deep seated and it is expected they will be commercial as deep as the oxidized ore extends.

The applicant proposes to raise 780 feet, inclined distance, from the Davis Tunnel to the 700 level of the Standing Elk Mine. This raise would be used as an opening from which additional levels could be turned and as a chute to transfer ore to the Davis Tunnel level. A reserve of 1,600 tons is indicated in fills and as continuations to old stoped areas. This tonnage is inadequate to support a development loan. In view of the foregoing facts, it is recommended the development loan be denied.

Further exploration may be justified, but the limited amount of geologic work done in the district does not permit a detailed exploration project to be proposed at this time. It is suggested, however, the applicant employ a consultant to conduct a geologic study of the area and prepare an exploration program.

INTRODUCTION

The Aladdin Mines Co., presently known as the Lead and Copper Mines, Inc., property was visited by an engineer[1] of the Bureau of Mines during the period August 13-18, 1951, accompanied by geologists[2] of the U. S. Geological Survey. Purpose of the visit was in connection with a development loan, docket [illegible]-872.

Previously, the property was examined and reported on by an engineer[1] of the Bureau of Mines on April 24, 1947. At the time of examination, the property was under lease to the Newmont Mining Co.

Property holdings comprise a group of 22 contiguous lode mining claims of which six are patented and 16 unpatented. In addition to these holdings, the Aladdin Mines Co. has an option on four patented

1/ W. Y. Duncan.
2/ G. G. Simmons and D. C. Arnold.

mining claims owned by the Thurber Estate Corp., 50 Broadway, New York City, which adjoins the Aladdin Mines claims.

The property is located on the northerly slope of Bunker Hill mountain in the Railroad Mining District (Dullion Mining District), T. 31 N., R. 55 E., Elko County, Nev., about 50 miles southwest of Elko, the supply and shipping point on the Western and Southern Pacific Railroads.

HISTORY

The first locations were made in 1869, following which there was several years of considerable activity. Mining activities were halted by the panic of 1873 and were not resumed until 1880, when small lead and copper smelters were erected for treatment of the ores. These smelters were operated until 1885. Thereafter, there was little activity in the district until 1906, when the Bunker Hill Mining Co. predecessor in interest to the Aladdin Mines Co. was organized for the purpose of exploring the ore bodies of the district by a deep level tunnel. Progress in the tunnel was rapid at first, but was interrupted by the panic of 1907. By leasing operations in the old workings during the war period 1914 to 1918 sufficient funds were received from royalties to resume work in the tunnel. During this period 8,540 tons of ore were shipped which yielded net smelter returns of $286,469. Following this period of activity the property was idle until 1946 when it was acquired on a bond and lease arrangement by the Newmont Mining Co. who extended the Davis Tunnel about 1,000 feet to a point immediately under the old workings on the Standing Elk claim. The property was then abandoned by the Newmont

Co. and released by the present Lead and Copper Mines, Inc. in 1948. Since acquiring the property, the present company has rehabilitated most of the old workings and has shipped about 2,500 tons of ore which was produced from fills and extensions to old stoped areas.

PHYSICAL FEATURES

The claims are located on the northeast slope of the Pinon Range in an area of steep and rough topography at altitudes ranging from 8,700 to 9,500 feet. Climate in the area is semi-arid with hot, dry summers and rather severe winters in which low temperatures are frequently experienced with enough snow fall to hamper but not prevent hauling. In addition to a large spring, one-half mile east of the property, which has a flow of about 35 gallon per minute, there are several small springs at the mine camp that provides a limited supply for domestic purposes. Sagebrush, juniper and pinon pine constitute the only vegetation near the property. For mining purposes, dimensional sizes of timber are supplied from Elko.

No transmitted electric power is available. For generation of power, it is necessary to supply fuel oil by truck from Elko, 30 miles northeast.

HOUSING FACILITIES

Camp facilities comprise four 3-room houses, a bunkhouse, boarding house, and dry room.

EQUIPMENT

Equipment on the property includes a small blacksmith shop and a compressor room, 3 compressors of 280, 270, and 387 cubic feet capacity, 9 compression drills, track, pipe, 6 mine cars, and a fairly large

assortment of hand tools. In addition to the above equipment, the company owns 2 light pick-up trucks, a jeep, and 2 large dump trucks.

GEOLOGY

The sedimentary rocks exposed in the district consist almost entirely of massive thick bedded limestone with intercalated, small quartzite members. These formations are intruded by granodiorite, rhyolite and andesite, and are cut by many faults of undetermined displacement.

Adjacent to the granodiorite, contact metamorphism has locally formed zones of garnet and other silicified rocks. In places along the contact, sulfides are present as sphalerite, chalcopyrite, and pyrite.

In the vicinity of the producing mines, garnet zones are associated with many of the ore bodies. These zones, however, are not in contact with intrusive rocks but appear to follow some of the channel-ways that carried ore bearing solutions.

The workings on the Lead and Copper Mines, Inc. are in gray to black limestone which has been intruded by dikes of granite porphyry. In places the dikes have undergone moderate to extreme alteration. In places, the limestone has been silicified and locally recrystallized to a coarse marble.

The ore bodies occurring in the area seem to have the structural form of pipes of irregular and variable cross section and course, rising more or less steeply through the metamorphosed limestones or dolomite; some are entirely enclosed, while others occur at the contact of the granodiorite porphyry dikes.

In the copper areas the primary ore was probably chalcopyrite accompanied by some sphalerite, while in the lead areas the ore was derived by the oxidization of pyrite, galena, sphalerite, chalcopyrite and possibly tetrahedrite; the latter being the principal silver-bearing mineral, as well as supplying some of the copper in a quartzose gangue. The gangue minerals are calcite, limonite, hematite, garnet quartz and in places some manganese.

DEVELOPMENT

The ore bodies in the Standing Elk and Hoffman claims have been explored in part to a maximum depth of 700 feet below surface by 5 adits and a 200-foot winze. The adjoining Bullion, Elk, Stern King, and Webfoot claims, have been partially explored to a maximum depth of 500 feet below the surface by 5 crescent adits.

The ore bodies on the Tripoli claims have been explored to a depth of 400 feet by two crescent adits, between which there are three inside levels and by a 100-foot winze below the lowest adit.

The Davis tunnel, the main working adit, has a portal elevation of 6,700 feet. It is 800 feet below the bottom of the Tripoli winze and 700 feet below the No. 7 Elk level.

ORE RESERVES

Any estimate of ore reserves can be only of the most general nature, unsupported by measurement of ore in sight. However, the pipe-like ore bodies are by nature and mode of occurrence, continuous, persistent, and deep-seated, and it is expected that they will be commercial as deep as the oxidized ore extends which could be several

feet below the Davis Tunnel, giving therefore, a probable vertical height of 1,000 feet of unmined ore, as against a probable average of 500 feet to which the ore bodies have been previously mined. In addition, there is a strong probability that other ore bodies have been entirely missed by previous operations because of the mantle of wash that masks all exposures over a considerable area in the mineralized section.

Resulting from the recent examination, approximately 1,500 tons of ore are indicated as continuations to old stoped areas.

PLAN OF OPERATION

As outlined in the request for a development loan, the applicant had as his main objectives, the increase of present production and the development of downward continuations of the known ore sections from the main or Davis Tunnel level. The program as outlined by the applicant proposed raising 700 feet from the Davis Tunnel to the 700 level of the Standing Elk mine. This raise would be used for development purposes and as a transfer chute to the Davis Tunnel.

The reserve tonnages available for mining are small, and the program as outlined is vague and not sufficiently detailed to justify the loan requested. It is therefore recommended that the loan be denied.

CONCLUSIONS

The property is not a very large one and in view of its present condition the project is necessarily of a speculative nature, but the following conditions are favorable:

Previous production figures, authenticated by smelter settlement sheets show the ore to be of good grade.

Geological conditions are favorable to the persistency of the ore bodies at depth.

The ore being oxidized and of direct smelting grade will not need a mill.

The existence of a completed deep tunnel suitable for utilization for development purposes, will reduce the cost of an exploration program.

The property does possess attractive possibilities which warrant exploration; but the limited amount of geological work done in the area does not permit the proposal of an exploration project at this time since considerable time would have to be spent to properly evaluate the property for an exploration program. The amount of work necessary for such a program is beyond the scope of the Government agencies, so it is advised the company employ the services of a consultant to conduct a geologic study of the area and prepare an exploration program.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Docket DMA-872, Lead and Copper Mines, Inc.

Bullion Mining District, Elko County, Nevada

(Lead and Copper)

G. C. Simmons and D. C. Arnold, Geologists
U. S. Geological Survey

October 8, 1951

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Proposed Development	2
Conclusions and Recommendations	2
Memorandum: Suggested Geologic Program	3

ILLUSTRATIONS

Figure 1. Index map showing location of Bullion Mining District, Elko County, Nevada.

Figure 2. Geologic map of 500 level of the Standing Elk Mine.

Figure 3. Section of Bullion Mining District showing location of Davis Tunnel.

Docket DMA-872, Lead and Copper Mines, Inc.

Bullion Mining District, Elko County, Nevada

GEOLOGY

The rocks of the district are light gray to black massive limestones, probably Ordovician in age. The limestone, which is intruded by granodiorite and fine-grained granite porphyry dikes, is cut by many faults of undetermined displacement.

Adjacent to the granodiorite, contact metamorphism has locally formed zones of garnet, tremolite, actinolite, calcite, and sericite in the limestone; in places along the contact sulfides are present as sphalerite, chalcopyrite, and pyrite.

In the vicinity of the producing mines, garnet zones are associated with many of the ore bodies; these zones, however, are not in contact with intrusive rocks but appear to follow some of the channelways that carried the ore bearing solutions.

The workings of the Standing Elk mine are in gray to black limestone, which has been intruded by irregularly shaped granite porphyry dikes. The dikes have undergone moderate to extreme argillic alteration. Much of the limestone is stained by red and brown iron oxides; in places it has been moderately silicified and locally recrystallized to a coarse marble.

ORE DEPOSITS

The principal ore bodies in the Standing Elk mine occur as pipes and veins along faults and at fault intersection in limestone. Some copper ore has also been mined from the granite porphyry dikes, but production from the igneous

rocks has been small compared to the production from the limestone.

The principal ore minerals are of secondary origin. Malachite, chrysocolla, and cerusite are the main ore minerals; minor amounts of azurite, galena, and ferruginous smithsonite are also present. Most of the ore contains silver, but no silver minerals were identified. The gangue minerals are calcite, limonite, hematite, garnet, quartz, and in places a little manganese oxide.

PROPOSED DEVELOPMENT

The development program outlined by the applicant is vague. The applicant wishes to raise 780 feet inclined distance from the Davis Tunnel to the 700 level of the Standing Elk mine. This raise would be used to drop the ore in the Standing Elk mine to the Davis Tunnel; however, the mine does not contain sufficient ore reserves to justify a development program. Approximately 1,500 tons of proven and indicated ore occur mainly in the walls of old stopes.

CONCLUSIONS AND RECOMMENDATIONS

The Standing Elk mine workings are in faulted Paleozoic limestone that has been intruded by granite porphyry dikes. The principal ore bodies occur along faults and at fault intersections.

The ore reserves, which are inadequate to support a development loan, are mainly the walls of old stopes that were too low grade to mine profitably in early day operations. It is therefore recommended that a development loan be denied.

Further exploration may be justified, but the limited amount of geologic work done in the area does not permit a detailed exploration project to be proposed at this time. A suggested program is outlined in the attached memorandum

MEMORANDUM

SUBJECT: DMA Docket 872. Suggested geologic program.

DMA Docket 872 is a request for a production loan. In a conversation between J. H. Uhalde, Vice President and the examining geologists, it was stated that the applicant would like to change part of the request to an exploration loan.

The portal of the Davis Tunnel extends approximately 5,000 feet southeast from the mining camp. The face of the tunnel is 600 feet below and 100 feet north of the workings of the Standing Elk Mine. (See fig. 3.) The tunnel is in good condition; additional work consisting of drifting and raising from the face of the tunnel would be the most logical way to explore the ground below the old surface workings in the district in a search for commercial ore bodies at depth. Two metallized faults were cut by the tunnel near the face, but were not explored. Geologic conditions indicate that the possibility of commercial ore bodies occurring below the old workings is favorable.

The field examination in connection with the development loan entailed mapping approximately 10,000 feet of mine workings, which showed that the property does not have sufficient ore reserves to qualify for a development loan. To justly evaluate the property as to an exploration program would require an additional three weeks of field work and would entail a mapping job of the surface geology and additional underground workings. A program of this extent is beyond the scope of a Defense Minerals Administration examination, but it would be advisable to notify the applicant that such a program is warranted. He should employ a consulting geologist to conduct a geologic study of the area and prepare an exploration program.

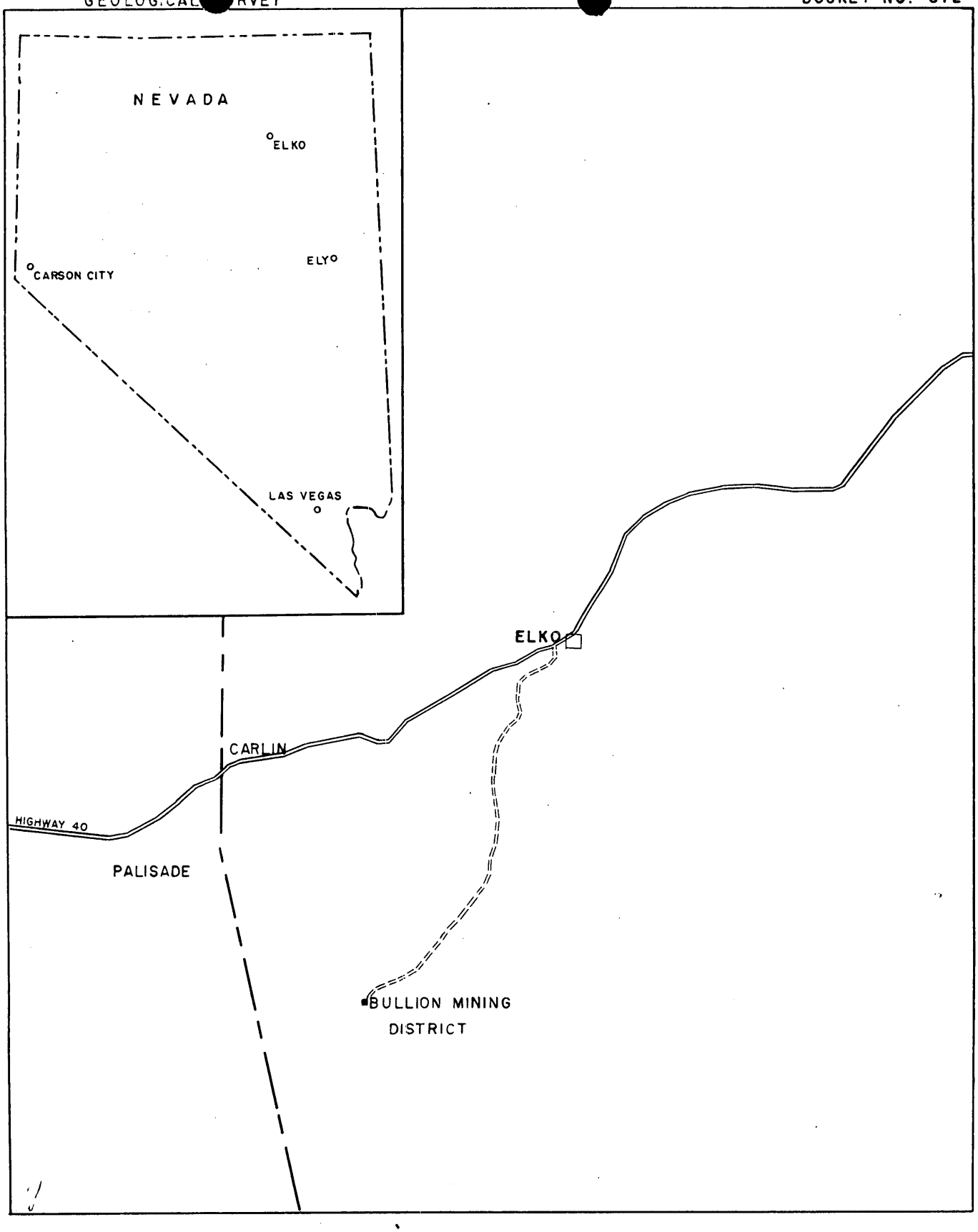

FIG. 1

INDEX MAP OF NEVADA

0 10 20 MILES
Scale

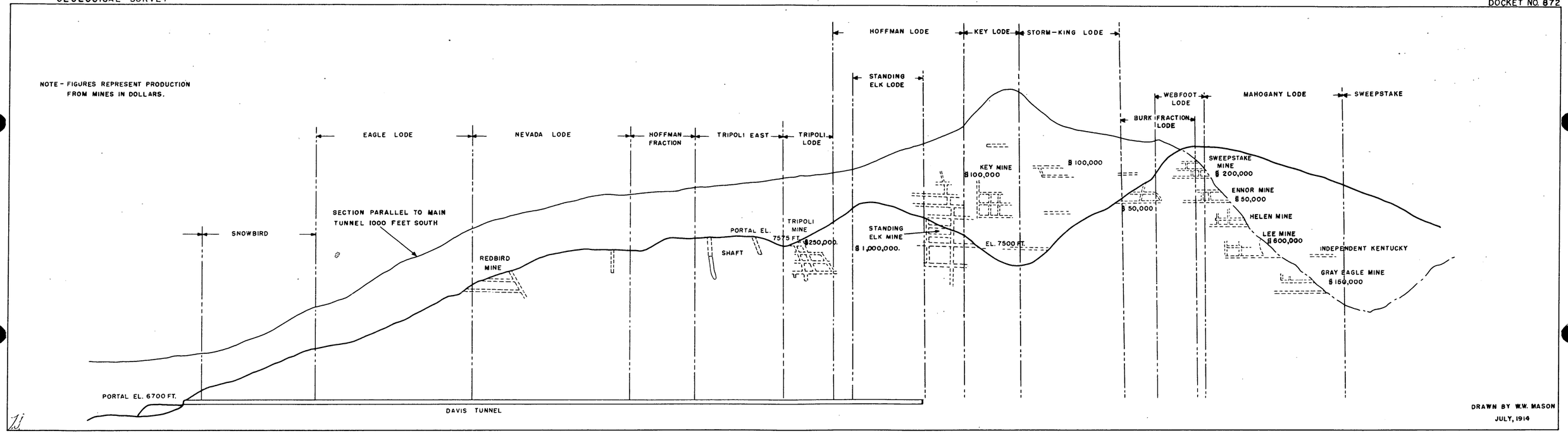

FIG. 3

SECTION OF BULLION MINING DISTRICT

ELKO COUNTY, NEVADA

0 400 800 FEET

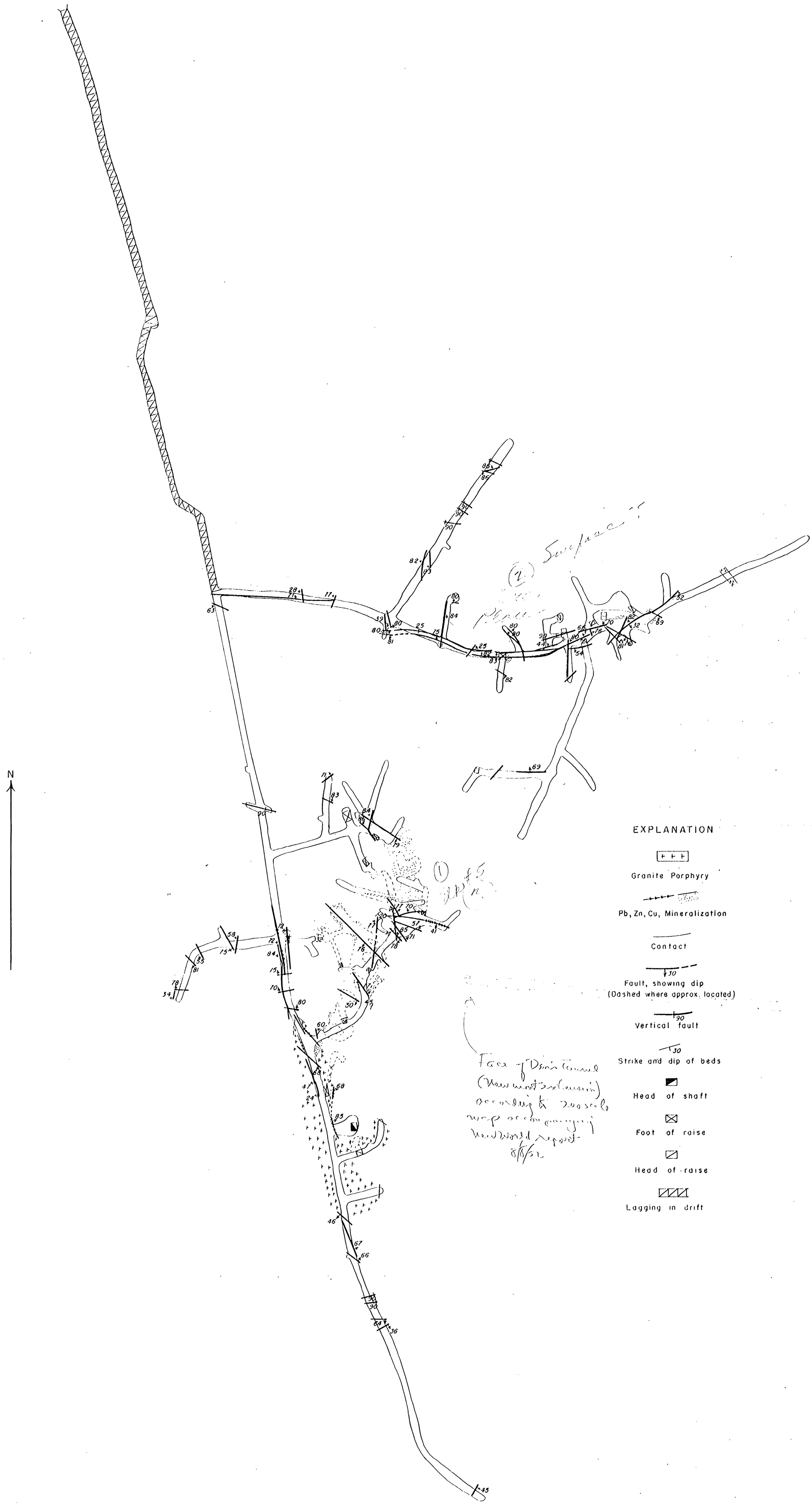

FIG. 2

MAP OF 500 LEVEL STANDING ELK MINE
BULLION MINING DISTRICT, ELKO COUNTY, NEVADA

0 40 80 FEET
Scale

Mapped by G. C. Simmons
and D. C. Arnold

Map A
N 16° 30' E. 1500'
S 16° 30' W. 1500'
VG ELK 38
THE KEY LODE
DUNNER
Upper
Bird
KING
STORM KING
BULLION 39
1.38 Ac.
SHAFT
Porphyry Dike
West 500
Break & Vein Matter
Shoot on Vein
Ch. Discovery (1 to Ore)
LEVEL No. 6
LEVEL No. 7
SHAFT No. 2
WINZE
ADIT No. 2 HINGE TUNNEL
S 38° 05' E. 80
ADIT No. 3
S 40° 46' E.
ADIT No. 4 ELK TUNNEL
S 25° 40' E.
S 75° 50' E.
200'
2096
600 Level
S 13° 03' W. 600'
S 14° 15'
N 14° 15' E. 1000'
S 14° 45' E. 400'
ADIT No. 5 MAIN TUNNEL
Elev. 7500
S 32° 40' E. 68
Elev. 7500'
WEBBFOOT TUNNEL
S 6° 40' W.
TUNNEL
Under Iron Mtn
Caved
100'
50'
56'
CUT & TUNNEL
CUT
INCLINE
S 16° 14' W.
62'
#5L
#4L
#6L
1" = 50'
Proposed Diamond Drill
5 Level
4L "
6L "

MAP
OF THE
NEVADA BUNKER HILL MINING CO.
RAILROAD (BULLION) MINING DISTRICT
ELKO COUNTY, NEVADA
SCALE 1" = 200'
Traced from a Print Furnished by J. B. Parker
Diamond Drill Proposed Exploration (Early '70)
Quartzite
Porphyry
Granodiorite
N
T. 31 N. R. 53 E.
T. 30 N. R. 53 E.
33 34
4 3
RAILROAD LODE
HYDE LODE
PORTAL FRACTION LODE
PORTAL LODE
PORTAL SHAFT
SPRING LODE
SNOWBIRD LODE
EAGLE LODE
NEVADA LODE
MIDWAY LODE
PHILOPINA LODE
HOFFMAN FRACTION LODE
SUN LODE
SYLVANIA FRACTION LODE
MENDOTA LODE
SYLVANIA LODE
U.S.S. No. 43
HECLA
SWEEPSTAKE NORTH
SWEEPSTAKE SOUTH
KEY LODE
HOFFMAN LODE
U.S.S. No. 62
U.S.S. No. 38
U.S.S. No. 48
U.S.S. No. 49
STANDING ELK LODE
TRIPOLI LODE
TRIPOLI EAST LODE
OWL LODE
LARK LODE
HOLD UP LODE
HOMESTAKE LODE
WEST END LODE
WEBFOOT LODE
BURK FRACTION LODE
STORM KING LODE
U.S.S. No. 40
U.S.S. No. 39
MAHOGANY LODE
BULLION LODE
SKY-BLUE LODE
U.S.S. No. 47
CLEVELAND LODE
U.S.S. No. 50
U.S.S. No. 51
MOUNTED LEDGE LODE
GLADSTONE LODE
BRODINE LODE
ALPINE LODE
MAYFLOWER LODE
BLACKBIRD LODE
Garnet limestone
Porphyry
Limestone
Quartzite
Granodiorite
Sylvania Quarry
Mendota Shaft
Redbird Upper Tunnel
Redbird Lower Tunnel
Tunnel Heads 3,480 Ft.
Sunset Stope
Hermosa Work (Approximate)
Gladstone Shaft
Bullion Shaft
Bullion Tunnel
Portal of Main Tunnel Elev. 6700
Post offset N.70°W 1171 ft. to Car road
N.W. Cor. Post Offset N.90°W 31 ft.
Post No. 1 U.S.S. No. 46
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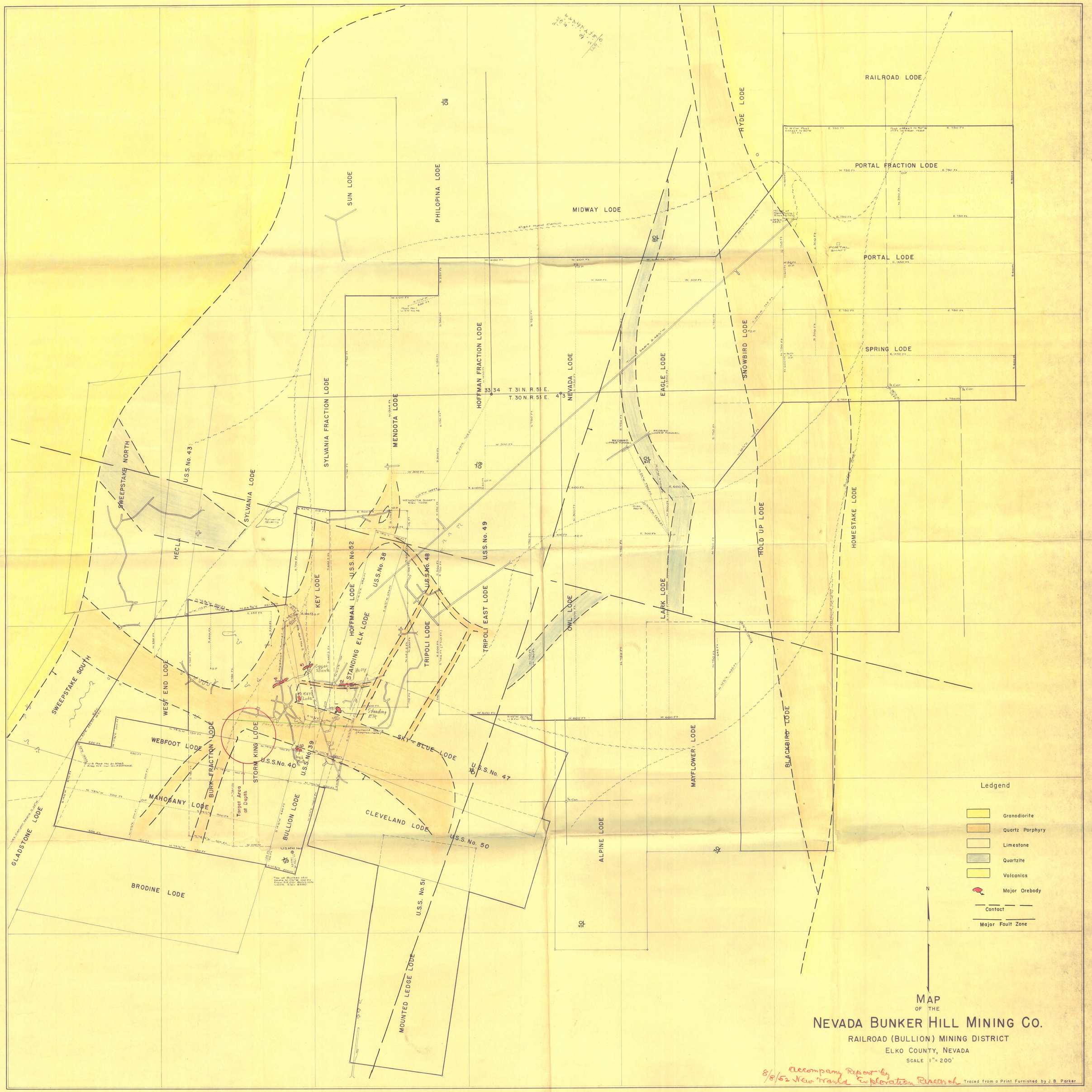

MAP
OF THE
NEVADA BUNKER HILL MINING CO.
RAILROAD (BULLION) MINING DISTRICT
ELKO COUNTY, NEVADA
SCALE 1" = 200'

8/8/52 Accompany Report by New World Exploration Research

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