500

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

August 20, 1953

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Lead Bullion Mining & Milling Company, Docket No. DMEA-2979.

The attached memorandum of recommendation by A. R. Kinkel, Jr. was received in DMEA on August 7, 1953. However, the Base Metals Division did not receive this memorandum until August 20, 1953.

W. R. Griswold

FILE COPY
SURNAME:
500

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

AUG 26 1953

Mr. H. C. Blumenthal, President
Lead Bullion Mining & Milling Co.
P. O. Box 246
Provo, Utah

Re: Docket No. DMA 2979 (Lead)
Lead Bullion Mining & Milling Co.
Lady Smith and Randall claims
White Pine County, Nevada

Dear Mr. Blumenthal:

Your application for aid for an exploration project and other reports available to us in Washington concerning the above named property have been reviewed.

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

Careful study of all our information, although noting a small amount of ore on your property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

WRGriswold/hmj
(8/24/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Division
Mr. Kinkel
Mr. Bishop
Chron.

R.C.S.
8-26-53

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

August 24, 1953

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Docket No. DMEA 2979 (Lead)
Lead Bullion Mining & Milling Co.,
Lady Smith and Randall claims
White Pine County, Nevada

The application for Government assistance is based upon a small showing of lead in a limestone, but apparently such showings are sparse and of a patchy nature, likewise of low grade, with little evidence of any continuity.

The Field Team and the commodity men see little merit in such a project, a finding with which we concur.

W. R. Griswold

W. R. Griswold

Attachment

500 FILE COPY
SURNAME:

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

August 24, 1953

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Docket No. DMEA 2979 (Lead)
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White Pine County, Nevada

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Attachment

WRGriswold/hmj
CC to: Docket
Op. Committee
Base Metals
Chron.

R. G. 8-26-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1953

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

August 21, 1953

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Base Metals Branch

Subject: Docket No. DMEA-2979, Lead Bullion Mining and Milling Company, White Pine County, Nevada

A review of the field team report and examination covering the application on the Lady Smith and Randall claims reveals that the applicant proposes to extend his lower adit 225 feet with intent to intersect a limestone bed, which dips at minus 50 degrees and is believed by the applicant to be a favorable ore horizon.

Roscoe M. Smith, USGS geologist, examined the property June 26, 1953 and reported the limestone bed where exposed is poorly mineralized with isolated crystals and masses of galena that are in non-commercial quantities. The bed is furthermore cut by a low-angle fault of unknown displacement so that it is very uncertain that an extension of the lower adit would intersect the mineralized bed. Because of the limited mineralization, and the uncertainty of the projection of the limestone horizon beyond the fault, Mr. Smith recommended the application be denied. This view was also held by the field team reviewing officials and is concurred in by me.

O. M. Bishop

O. M. Bishop

Copy to: A. R. Kinkel, USGS
Minerals Division
O. M. Bishop
Files

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1953

August 21, 1953

Conn. Izenwald
Betty

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From: O. M. Bishop, Base Metals Branch

Subject: Docket No. DME-2979, Lead Bullion Mining and Milling Company, White Pine County, Nevada

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C. M. Bishop

Copy to: A. R. Kinkel, USGS
Minerals Division
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DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

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Defense Minerals Administration
RECEIVED
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O. M. Bishop

Copy to: A. R. Kinkel, USGS
Minerals Division
O. M. Bishop
Files

IN REPLY REFER TO:

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG - 7 1953

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

August 6, 1953

Memorandum

Re: DMEA-2979
Lead Bullion Mining & Milling Co.
White Pine County, Nevada
$7,500
Lead, zinc

To: Mr. W. R. Griswold

From: A. R. Kinkel, Jr.

Subject: Concurrence with field team's denial

I concur with the field team's denial on the subject application for the reasons stated in the field team report.

A. R. Kinkel, Jr.

IN REPLY REFER TO:

Defense Minerals Administration
RECEIVED
AUG 7 1953

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

August 6, 1953

Memorandum

Re: DMEA-2979
Lead Bullion Mining & Milling Co.
White Pine County, Nevada
$7,500
Lead, zinc

To: Mr. W. R. Griswold

From: A. R. Kinkel, Jr.

Subject: Concurrence with field team's denial

I concur with the field team's denial on the subject application for the reasons stated in the field team report.

A. R. Kinkel, Jr.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1953

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 30, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2979 (Lead-Zinc)
Lead Bullion Mining & Milling Co.
Duck Creek District, White Pine County, Nevada

Reference is made to your letter dated June 9, 1953, requesting a field examination of the subject property by the Field Team.

The Lady Smith and Randall claims were examined on June 26, 1953, by R. M. Smith, geologist, U. S. Geological Survey. Four copies of his report entitled "DMEA-2979 - (Lead), Lady Smith and Randall Claims, White Pine County, Nevada," dated July 21, 1953, are attached.

Mr. Smith recommends the application be denied because the showings are small and low grade, and the favorable bed cannot be projected reliably to the altitude of the proposed exploration.

Mr. Bailey and I concur with Mr. Smith.

H. C. MILLER
H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey USGS
A. C. Johnson, Reno (With copy of report)

Reviewed by
DMEA OPERATING COMMITTEE
8-7-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
AUG 31 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2979 - (Lead), Lady Smith and Randall Claims

White Pine County, Nevada

By

Roscoe M. Smith

U. S. Geological Survey

July 21, 1953

Reviewed by
DMEA OPERATIONS COMMITTEE
8-7-53
(date)

CONTENTS

	Page
Summary, Conclusions, and Recommendations	1
Introduction	1
Location and Accessibility	2
History and Production	2
Ownership	2
Development	3
Geology	3
Ore Deposits	3
Proposed Exploration	4

ILLUSTRATIONS

Fig. 1 - Index Map of Nevada
2 - Patented Claims of the Lead Bullion Mining and Milling Company, White Pine County, Nevada
3 - Lady Smith and Randall Claims, White Pine County, Nevada

GEOLOGIC REPORT

DMEA 2979 - (Lead)

LADY SMITH AND RANDALL CLAIMS

WHITE PINE COUNTY, UTAH

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

The Lead Bullion Mining and Milling Company, P. O. Box 246, Provo, Utah, H. G. Blumenthal, President, applied on March 28, 1953 to the Defense Minerals Exploration Administration for government assistance in a $7,500.00 program to explore surface and underground showings of ore on the Lady Smith and Randall mining claims near McGill, White Pine County, Nevada.

A field examination was requested by the Field Team, Region III to determine whether a program is warranted and to obtain additional data necessary to complete a contract. An examination was made on June 26, 1953 by R. M. Smith, geologist, U. S. Geological Survey.

The applicant proposed to explore for the downward continuation of a favorable limestone bed by extending the lower adit 225 feet southeast. There has been no production and showings of ore in the bed above the adit are low grade and small size. The favorable bed is cut by low angle faults of unknown displacement between the surface showings and the lower adit.

Because the showings are small and low grade and as the favorable bed cannot reliably be projected to the altitude of the proposed exploration, the work is highly speculative and it is considered that the chances of a significant discovery are small. It is recommended, therefore, that the application be denied.

INTRODUCTION

The Lead Bullion Mining and Milling Company, P. O. Box 246, Provo, Utah, Docket DMEA 2979, applied to the Defense Minerals Exploration Administration on

March 28, 1953 for government assistance to be used for exploration at their lead property near McGill, Nevada. A field examination was requested by the Field Team, Region III, to determine whether the ore reserves are sufficient to justify an exploration project. A field examination was made on June 26 by R. A. Smith, geologist, U. S. Geological Survey, accompanied by Mr. Richard Blumenthal, Los Angeles, California, and Mr. Arne Watson of Provo, Utah. Both men are relatives of Mr. H. G. Blumenthal, president of the Lead Bullion Mining and Milling Company.

LOCATION AND ACCESSIBILITY

The property is located on the west slope of the Schell Creek Mountains 2 miles southeast of McGill, White Pine County, Nevada, in the SE¼, Sec. 27, T. 18 N., R. 64 E., at an altitude of 8,200 feet. The property can be reached by driving 1.7 miles east of McGill through the settlement of Steptoe and proceeding from that point on foot, up the side canyon to the south a distance of 1/2 mile. The side canyon is steep and a road would be difficult to build. The property would be accessible by pack horse during the summer months only. There is no water, power, or timber on the property.

HISTORY AND PRODUCTION

There is no recorded production from the mine but the workings indicate that a few tons of hand-sorted galena ore may have been produced presumably in the early 1900's.

OWNERSHIP

There are four claims patented under U. S. Mineral Survey 4169 comprising the mining property (fig. 2) which are owned by the applicant corporation.

DEVELOPMENT

Workings on the property consist of an incline shaft, an open cut, an upper adit, and a lower adit. Underground drifts and crosscuts total 440 feet. There are no surface facilities.

GEOLOGY

The rocks in the area are limestone and dolomite of probably Cambrian age which are cut by faults in several systems. No igneous rocks were observed on the property.

The limestones have been irregularly dolomitized so that the surface exposes irregular patches of dolomite from one to several hundred feet across, in bedded limestone. The limestone strikes N. and dips 50° W. but no bedding was seen in the dolomite. The sedimentary rocks are cut by three sets of faults: one set strikes northeast and dips about 60° W. a second set strikes north and dips 30°-50° E. and a third set is horizontal to gently south dipping. Displacements along the first two sets are of the order of a few feet; displacements along the low-angle faults are not known but are inferred to be large.

The low-angle faults are conspicuous in some places where limestone beds terminate against them; in other places — where both walls are dolomitized — these faults are partly or wholly healed and are indistinguishable.

ORE DEPOSITS

Isolated crystals and pods of galena have been found in the incline shaft and open cut (fig. 2), in a bed of limestone about 15 feet wide. A few crystals of galena were also found near the portal of the upper adit in the same limestone bed. Iron stained gouge along the north striking fractures contain a little oxidized lead and silver ore. Two samples were taken of mineralized material: one of sorted galena ore from the open cut which assayed 5.45 percent lead, 4.55 percent zinc, and 0.1 ounces silver per ton;

the other of oxidized material along a fault in the face of the lower adit which assayed 0.10 percent lead, 0.10 percent zinc, and 0.1 ounces silver per ton.

The bed in which the galena occurs persists down the dip for about 100 feet where the bedding is obscured by dolomitization, and cannot be traced further. Bedding cannot be distinguished in the lower adit. The favorable bed is probably displaced by low angle faults, as well as by steeper ones, as shown throughout most of the Upper adit, (fig. 3).

Drifting on the favorable bed in the Upper adit as well as crosscutting and raising in this adit, 55 feet below the open cut did not reveal ore.

PROPOSED EXPLORATION

The applicant has proposed to extend the lower adit straight ahead a distance of 225 feet to cut the downward continuation of the favorable limestone bed which contains the galena ore in the incline shaft. He estimates that the project would take about two months to complete and would cost $7,500.00 of which the government's share would be $3,750.00.

The presence of major faulting in the area makes the projection highly unreliable, and the proposed exploration correspondingly speculative.

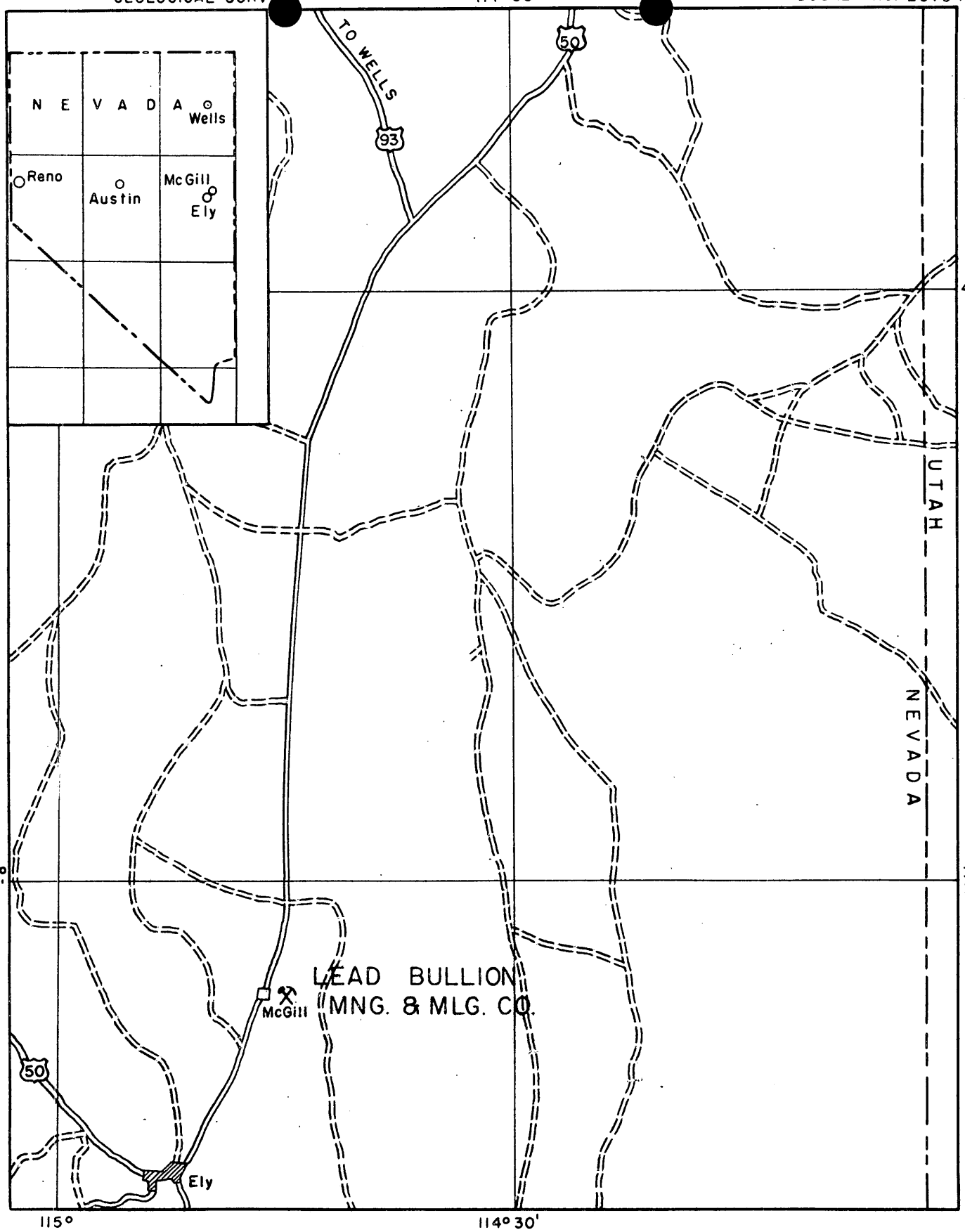

FIG. I

INDEX MAP OF NEVADA

0 5 10 MILES
Scale

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 1953

AB

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

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 30, 1953

Griswold
Betty

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2979 (Lead-Zinc)
Lead Bullion Mining & Milling Co.
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Mr. Smith recommends the application be denied because the showings are small and low grade, and the favorable bed cannot be projected reliably to the altitude of the proposed exploration.

Mr. Bailey and I concur with Mr. Smith.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

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A. C. Johnson, Reno (With copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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AUG - 5 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2979 - (Lead), Lady Smith and Randall Claims

White Pine County, Nevada

By

Roscoe M. Smith

U. S. Geological Survey

July 21, 1953

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1980 JUL 27 AM 4:54

SAN FRANCISCO, CALIFORNIA

CONTENTS

	Page
Summary, Conclusions, and Recommendations	1
Introduction	1
Location and Accessibility	2
History and Production	2
Ownership	2
Development	3
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DMEA 2979 - (Lead)

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WHITE PINE COUNTY, UTAH

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS ADMINISTRATION
DOCKET NO. 2979

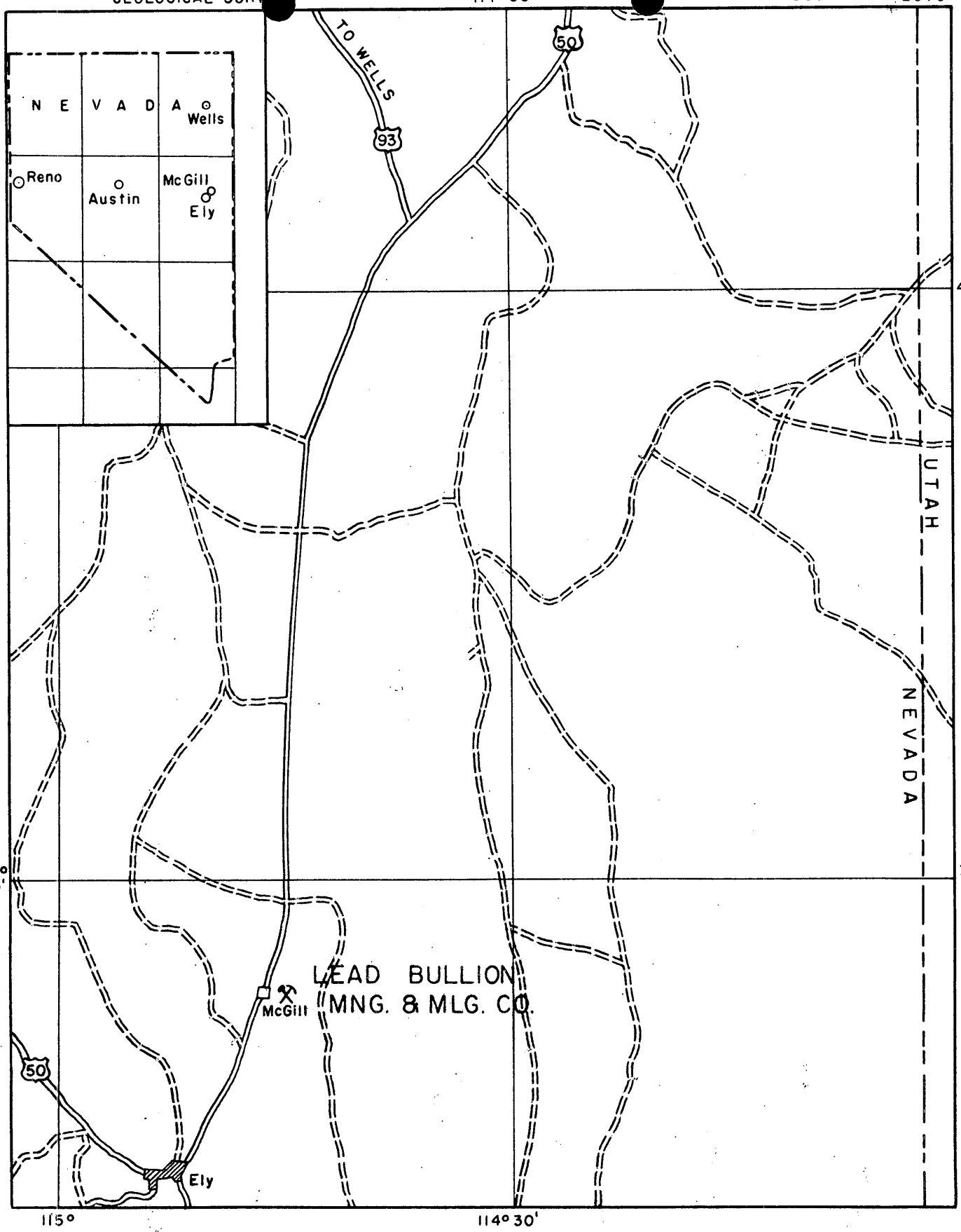

FIG. 1 INDEX MAP OF NEVADA

0 5 10 MILES
Scale

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 17, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2979 (Lead-Zinc)
Lead Bullion Mining & Milling Company
Duck Creek District, White Pine County, Nevada

Along with your letter dated June 9, 1953, we received three copies of the subject Company's MF-103 application forms. We believe the extra copies (2) were sent to us by mistake so we are returning them to you.

For your information the Geological Survey has been ordered to examine the property at an early date.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: E. H. Bailey, USGS

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 17, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

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Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
JUN 22 1953

dmea 2979

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 15 1953
Rinwalt
Betty

PHONE 109

THE H. G. BLUMENTHAL COMPANY

PLUMBING & HEATING CONTRACTOR

"Serving the Intermountain States since 1892"

474 WEST CENTER STREET
PROVO, UTAH

June 15 1953

United States
Department of The Interior
of Defense minerals exploration administration,
Washington D.C.

Dockt

Dear Sir

For attention of Mr. C. O. Mitterdorf.

I am pleased to acknowledge your communication of June 8th 1953 in behalf of Lead Bullion Mining & Milling Co. of Lodge Smith Utah claims. For DMEA exploration assistance, and that the project may be reinstated accordingly kindly enter our application for action, and that we will here from you at an early date as to the procedure.

Very Truly
Lead Bullion Mining & Milling Co
By H. G. Blumenthal Pres

500

FILE COPY
SURNAME:

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

Mr. H. G. Blumenthal, President
Lead Bullion Mining & Milling Co.
Box 246
Provo, Utah

Re: Docket No. DMFA-2979 (Lead-Zinc-Silver)
Lady Smith-Utah Claims
White Pine County, Nevada

Dear Mr. Blumenthal:

Your application for Government assistance in an exploration project on the above property is being referred to:

Mr. H. C. Miller, Executive Officer
DMFA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

6-9-53

WRGriswold/bjl (6/8/53)

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Bishop
Region III (2)
Chron.

FILE COPY
SUBNAME: 500

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

JUN 8 1953

Mr. H. G. Blumenthal, President
Box 246
Provo, Utah

Re: Docket No. DMEA-2979 (Lead-Zinc-Silver)
Lead Bullion Mining & Milling Co.
Lady Smith-Utah Claims
Duck Creek District
White Pine County, Nevada

Dear Mr. Blumenthal:

On May 18, 1953, you were informed that a restricted program directive had obliged this Administration to deny your application for Government assistance in an exploration project.

However, a modifying directive dated June 1, 1953 has given us authority to continue processing your application. Therefore, we are reactivating your case. If you no longer desire to pursue your application, kindly advise accordingly.

Sincerely yours,

C. O. Mittendorf

Administrator

MRGriswold/hmj
(6/5/53)
CC to:
Docket
Adm. R. File
Op. Committee
Base Metals Div.
Region III (2)
Mr. Kinkel
Mr. Bishop
Chron.

6-8-53

FILE COPY
SURNAME:

500

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

JUN 9 1953

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA-2979 (Lead-Zinc)
Lead Bullion Mining & Milling Co.
Duck Creek District
White Pine County, Nevada

Dear Mr. Miller:

This will refer to your letter of April 7, 1953, regarding the subject application.

It is the opinion of the commodity members, in which we concur, that the data presented are inadequate for a recommendation.

Will you therefore consider the advisability of a field examination by the Field Team, in the event that information available may indicate that such examination is warranted.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

WRGriswold/hmj
(6/29/53)

CC to: Docket
Adm. R. File
Operating Committee
Base Metals
Mr. Kinkel
Mr. Bishop
Chron.

6-9-53

FILE COPY
500
SURNAME:

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

Griswold

MAY 19 1953

Mr. H. G. Blumenthal, President
Box 246
Provo, Utah

Re: Docket No. DMEA-2979 (Lead-Zinc-Silver)
Lead Bullion Mining & Milling Co.
Lady Smith-Utah Claims
Duck Creek District
White Pine County, Nevada

Dear Mr. Blumenthal;

This is to inform you that, effective April 15, 1953, the commitment of funds allocated to the DMEA for exploration assistance under the Defense Production Act was restricted to certain specified metals and minerals still in short supply. Lead and zinc were not specified, and consequently were automatically removed from the list of metals or minerals eligible for exploration assistance.

I regret to advise you that, since your application relates to lead-zinc and was pending on the date of the restrictive order, we are without authority or funds to enter into a contract for exploration, and your application is accordingly denied. This action is taken without prejudice to the merits of your proposed project.

The staff of the DMEA wishes to express its appreciation for your interest in the exploration program and for your cooperation during the period your application has been under consideration.

Sincerely yours,

G. O. Mittendorf
Administrator

WRGriswold/hmj
(5/18/53)
CC to: Docket
Adm. R. File
Op. Com.
Base Metals Div.
Region III (2)
Mr. Kinkel
Mr. Bishop
Chron.

5-19-53

IN REPLY REFER TO:

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

April 16, 1953

Memorandum

Re: DMEA-2979
Lady Smith-Utah Claims
Duck Creek District
White Pine County, Nevada
$7,500
Lead, zinc, silver

To: Mr. W. R. Griswold

From: E. L. Newcomb, USGS
O. M. Bishop, USBM

Subject: Review of application

The application should be referred to the field team to obtain information from the applicant on work proposed, estimated cost, target area, and for comment on the merit of the proposal. Data presented are inadequate for a recommendation. The advisability of a field examination should be at the option of the field team, based on the information they obtain from the applicant.

E. L. Newcomb
E. L. Newcomb
Geologist

O. M. Bishop
O. M. Bishop
Base Metals Branch

IN REPLY REFER TO:

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

April 16, 1953

Memorandum

To: Mr. [illegible] R. Griswold

From: [illegible] L. Newcomb, USGS
[illegible] W. Bishop, USBM

Subject: Review of application

Re: [illegible]A-2979
Lady Smith-Utah Claims
Duck Creek District
White Pine County, Nevada
[illegible]7,500
Lead, zinc, silver

The application should be referred to the field team to obtain information from the applicant on work proposed, estimated cost, target area, and for comment on the merit of the proposal. Data presented are inadequate for a recommendation. The advisability of a field examination should be at the option of the field team, based on the information they obtain from the applicant.

[illegible] L. Newcomb
Geologist

[illegible] W. Bishop
Base Metals Branch

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

April 14, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III

DMEA-2979 Lead Bullion Mining & Milling Co.

ROBERT E. ADAMS

Robert E. Adams,
Chief, Operation's Control
and Statistics Division

38226

April 14, 1953

Mr. H. G. Blumenthal, Pres.
Box 246
Provo, Utah

DMEA-2979
Subject: Exploration Assistance
Re: Eady Smith and Utah Claims

My dear Mr. Blumenthal:

The receipt of your application dated March 28, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2979 and referred to the Base Metals Division.

Kindly refer to DMEA-2979 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Operation's Control and
Statistics Division

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

April 7, 1953

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Application Forms MF-103 for Exploration Loan (Lead-Zinc) Lead Bullion Mining and Milling Company, P. O. Box 246, Provo, Utah - Duck Creek Mng. Dist., White Pine Cty., Nev.

Attached are three copies of an application for an Exploration loan for an unstated amount, but indicated to cost $7500 or less.

The application forms were first sent to the Region IV offices in Denver from where they were forwarded to this office.

The map referred to in Mr. Blumenthal's letter dated March 28, 1953, also is attached. Only one copy of the map was received.

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: E. H. Bailey, USGS

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION
RECEIVED
APR 13 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2979
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Lead Bullion Mining and Milling Company P O Box 246 Provo Utah (
H. G. Blumenthal President, Earl Blumenthal Vice President, H arold Blumenthal Director, C. R. Schonfeld Director. All of Provo, Utah

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract We are contemplating to do exploration work on the Lady Smith and Utah Claims as per survey #4160 of which plat is enclosed.

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise The Lead Bullion Mining and Milling Co. Are the owners.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it No liens or any encumbrances

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. The claims are patented as listed.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. No road. About 1700 ft. to tunnel. About a 30 minute hike.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

With a producer all of the (E) listings will be available.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Major is Lead & Zinc. It has been reported the district produced Gold and Silver also.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 45 days and be completed within 6 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 28, 1953

Lead Bullion Mining and Milling Company
(Applicant)

By [signature] President

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—66551-1

March 28, 1953

Bureau of Mine
P O Box 224
New Customhouse Building
Denver, Colorado

Dear Sir,

The undersigned here with submits the following: Of the Lead Bullion Mining and Milling Company with the officers as follows.

H. G. Blumenthal President, Earl Blumenthal Vice President
Harold Blumenthal Director, C. R. Schonfeld Director.

The property was incorporated 1905 for $40,000.00 10¢ per share divided in 400,000 share. More than half of stock in treasury. This property is covered by accompaning mining survey plat #4160, Duck Creek Mining District and of 4 patented mining claims as indicated on drawings. There is a tunnel of 225 feet 4 x 6 on Lady Smith Claim. The blowout which reveals Lead and Zinc ores. The undersigned was on the property in company with a practical miner and inspected the tunnel. The face of tunnel was sampled 6 ft. up and down and cross wise. The assays revealed Silver .03 oz per ton, Lead 1.06% per ton, Zinc 2.02% per ton. Tunnel is of lime formation. The trip was made Sept. 1942.

The exploration work to be performed is on Lady Smith Utah claim. The property is owned by Lead Bullion Mining and Milling Co. The property is in control by Stock Holders of the Company. There are no liens or encumberances. The claims are patented.

As has been stated and as shown on map, the tunnel, to reach the full distance would require about 225 more feet unless production be had before the objective is reached. So far there has been no production. The property shows up more as a bedded condition. Maybe the enclosed map will help that explanation.

It is about 1700 feet from base of flat to the tunnel. Would say it takes about 30 minutes to make hike. The property is about 1¼ mile from the town of McGill, Nevada. Miners from Provo want to lease it on a 40% basis, if a producer can be developed. The transportation should not be much of a problem for shipment. Lead and Zinc are the productive ore, and it is reported the district produces some Gold and Silver.

The work could start within 45 days to continue with tunnel. The map gives location of tunnel and torge the incline shaft. This is a simple project to undertake. It is the intension to contract it by the foot. The company furnishes mining rails, ties, mining car, and rent a diesel and air compresson with tank.

If we can find a producer for $7500 or less it should be a good proposition for all concerned.

Will the DMEA have a mining engineer or a geologist visit and examine the property? We have no equipment, we will have to rent and do buying to get started with operation on the property as above stated. It is the understanding of the writer that if bills are contracted for a month to the amount of $500.00 we pay $250.00 and the DMEA advances $250.00, if the equipment is rented, we pay half and the DMEA pays half.

Hoping the above information will enable you to give consideration and that we shall hear from you.

Yours truly,

Lead Bullion Mining and Milling Co.

By H. G. Blumenthal President

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1953 APR 6 AM 8:58

SAN FRANCISCO, CALIFORNIA

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

April 7, 1953

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Application Forms MF-103 for Exploration Loan (Lead-Zinc) Lead Bullion Mining and Milling Company, P. O. Box 246, Provo, Utah - Duck Creek Mng. Dist., White Pine Cty., Nev.

Attached are three copies of an application for an Exploration loan for an unstated amount, but indicated to cost $7500 or less.

The application forms were first sent to the Region IV offices in Denver from where they were forwarded to this office.

The map referred to in Mr. Blumenthal's letter dated March 28, 1953, also is attached. Only one copy of the map was received.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: E. H. Bailey, USGS

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Form Approved.
Budget Bureau No. 42-R1035.2.
RECEIVED
APR 13 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2979
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Lead Bullion Mining and Milling Company P O Box 246 Provo, Utah H. G. Blumenthal President P O Box 246 Provo, Utah. Earl Blumenthal Vice President, Harold Blumenthal Director, C. R. Schonfeld Director. All of Provo, Utah

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract We are contemplating to do exploration work on the Lady Smith and Utah Claims as per survey #4160 of which plat is enclosed.

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise The Lead Bullion Mining and Milling Co. Are the owners.

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(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
With a producer all of the (E) listings will be available.

16—66551-1

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Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 28, 1953

Lead Bullion Mining and Milling Company
(Applicant)

By H. G. Blumenthal
President

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—66551-1

March 28, 1953

Mining Division
Date Rec'd
APR 1 - 1953
BUREAU OF MINES
Denver Colorado

Bureau of Mine
P O Box 224
New Custom house Building
Denver, Colorado

Dear Sir,

The undersigned here with submits the following: Of the Lead Bullion Mining and Milling Company, with the officers as follows.

H. G. Blumenthal President, Earl Blumenthal Vice President
Harold Blumenthal Director, C. R. Schonfeld Director.

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Hoping the above information will enable you to give consideration and that we shall hear from you.

Yours truly,

Lead Bullion Mining and Milling Co.

By H. G. Blumenthal President

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
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1953 APR 6 AM 8:58

SAN FRANCISCO, CALIFORNIA

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dl DMEA-2979
Metal or Mineral
Date Received 4-13-53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Lead Bullion Mining and Milling Company P O Box 246 Provo, Utah H. G. Blumenthal President P O Box 246 Provo, Utah. Earl Blumenthal Vice President, Harold Blumenthal Director, C. R. Schonfeld Director. All of Provo Utah. Utah Corporation

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract We are contemplating to do exploration work on the Lady Smith and Utah Claims as per survey #4160 of which plat is enclosed.

(*b*) State any mine name by which the property is known.

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(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
With a producer all of the (E) listings will be available.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Major is Lead & Zinc. It has been reported the district produced Gold and Silver also.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 45 days and be completed within 6 months from the date of an exploration project contract.

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(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated March 28, 1953

Lead Bullion Mining and Milling Company
(Applicant)

By [signature] President

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—66551-1

March 28, 1953

Bureau of Mine
P O Box 225
New Customhouse Building
Denver, Colorado

Dear Sir,

The undersigned here with submits the following: Of the Lead Bullion Mining and Milling Company, with the officers as follows,

H. G. Blumenthal President, Earl Blumenthal Vice President
Harold Blumenthal Director, C. R. Schonfeld Director.

The property was incorporated 1905 for $40,000.00 10¢ per share divided in 400,000 share. More then half of stock in treasury. This property is covered by accompaning mining survey plat #4160 , Duck Creek Mining District and of 4 patented mining claims as indicated on drawings. There is a tunnel of 225 feet 4 x 6 on Lady Smith Claim. The blowout which reveals Lead and Zinc ores. The undersigned was on the property in company with a practical miner and inspected the tunnel. The face of tunnel was sampled 6 ft. up and down and cross wise. The assays revealed Silver .03 oz per ton, Lead 1.06% per ton, Zinc 2.02% per ton. Tunnel is of lime formation. The trip was made Sept. 1942.

The exploration work to be performed is on Lady Smith Utah claim. The property is owned by Lead Bullion Mining and Milling Co. The property is in control by Stock Holders of the Company. There are no liens or encumberances. The claims are patented.

As has been stated and as shown on map the tunnel to reach the full distance would require about 225 more feet unless production be had before the objective is re ched. So far there has been no production. The property shows up more as a bedded condition. Maybe the enclosed map will help that explanation.

It is about 1700 feet from base of flat to the tunnel. Would say it takes about 30 minutes to make the hike. The property is about 1¼ mile from the town of McGill, Nevada. Miners from Provo want to lease it on 40% basis, if a producer can be developed. The transportation should not be much of a problem for shipment. Lead and Zinc are the productive ore, and it is reported the district produces some Gold and Silver.

The work could start within 45 days to continue with tunnel. The map gives location of tunnel and torge the incline shaft. This is a simple project to undertake. It is the intension to contract it by the foot. The company furnishes mining rails, ties, mining car, and rent a diesel and air compresson with tank.

If we can find a producer for $7500 or less it should be a good proposition for all concerned.

Will the DMEA have a mining engineer or a geologist visit and examine the property? We have no equipment, we will have to rent and do buying to get started with operation on the property as above stated. It is the understanding of the writer that if bills are contracted for a month to the amount of $500.00 we pay $250.00 and the DMEA advances $250.00, if the equipment is rented, we pay half and the DMEA pays half.

Hoping the above information will enable you to give consideration and that we shall hear from you.

Yours truly,

Lead Bullion Mining and Milling Co.

By H. G. Blumenthal President

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Not to be filled in by applicant

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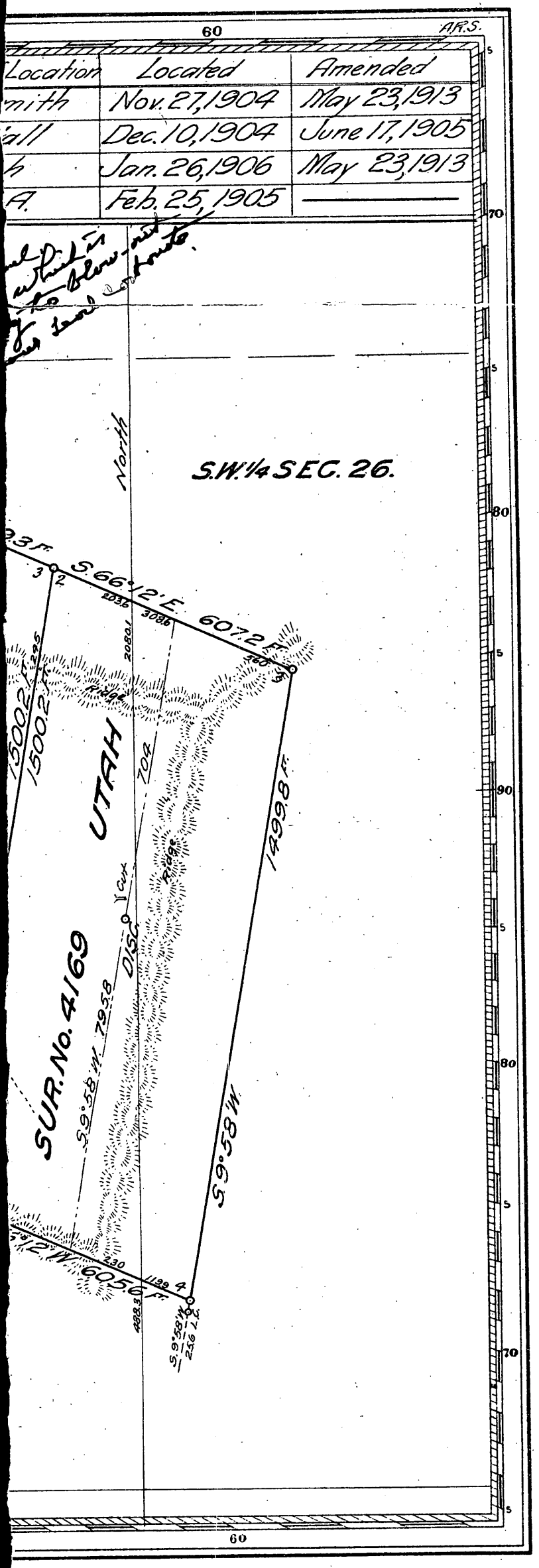


J.R.C. C.P.E.

~~Claim Located~~ 191

Mineral Survey No. 4169

~~Lot No.~~

Carson City Land District.

PLAT

OF THE CLAIM OF

Lead-Bullion Mining and Milling Company

KNOWN AS THE

LADY SMITH, RANDALL, UTAH AND KITTIE A. LODES

IN Duck Creek MINING DISTRICT,
White Pine COUNTY, Nevada
Containing an Area of _____ Acres.
Scale of 300 Feet to the inch.
Variation 17°20' E.
SURVEYED June 14-19, 1913 BY

Arthur D. Knowlton U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Lead-Bullion Mining and Milling Company known as the "Lady Smith," "Randall," "Utah" and "Kittie A" Lodes

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

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

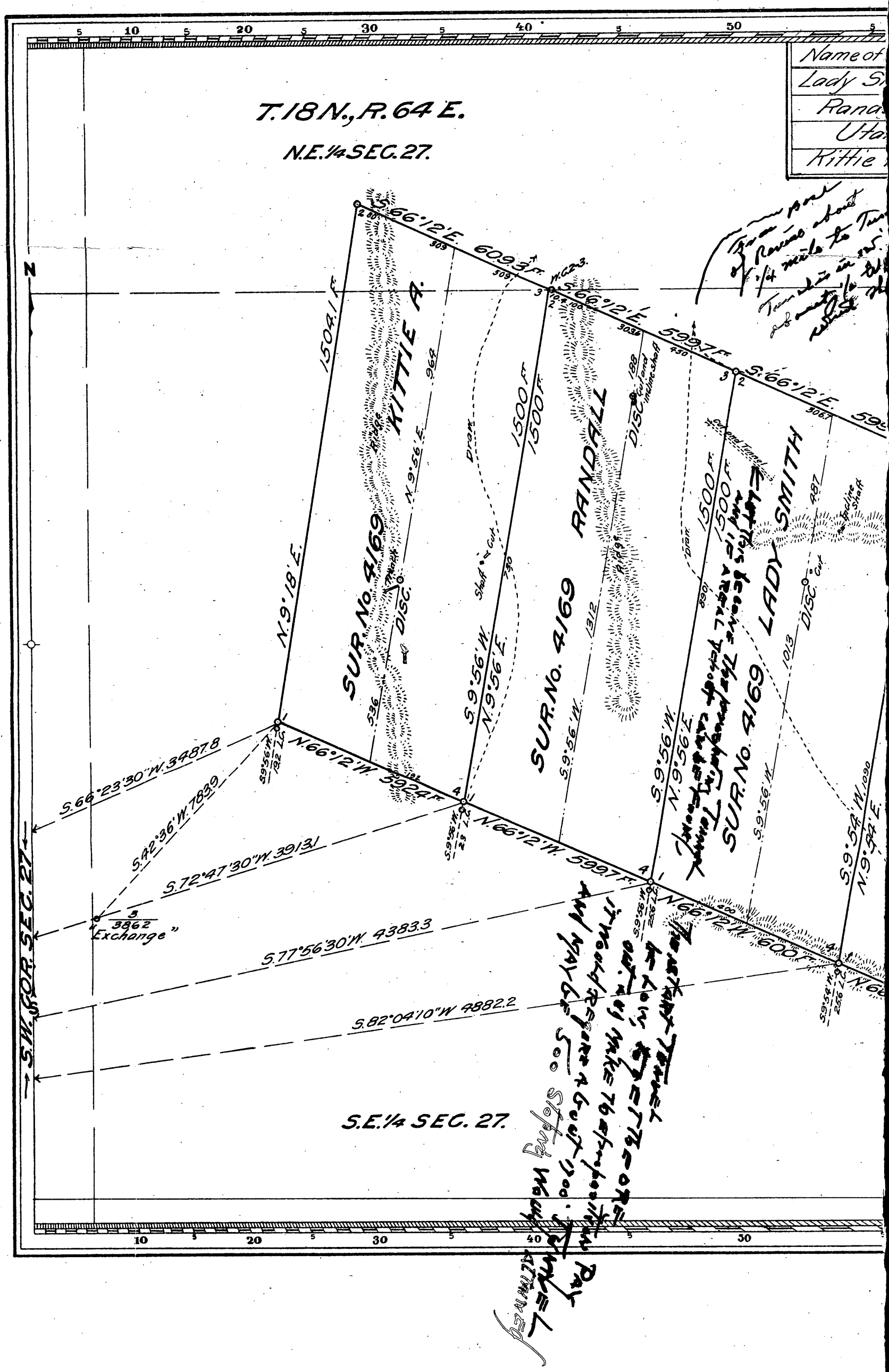
that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures ~~upon any other claim.~~

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

U.S. Surveyor General's Office.
Reno, Nevada
September 20, 1913

Matthew Kyle
U.S. Surveyor General for
Nevada

(4-6


Name of
Lady Si
Rand
Utah
Kittie
T.18N., R.64E.
N.E.¼ SEC. 27.
S.66°12'E. 609.3 ft.
S.66°12'E. 599.7 ft.
S.66°12'E. 599
N.66°12'W. 592.4 ft.
N.66°12'W. 599.7 ft.
N.66°12'W. 600
S.66°23'30"W. 3487.8
S.42°36'W. 7839
S.72°47'30"W. 3913.1
S.77°56'30"W. 4383.3
S.82°04'10"W. 4882.2
S.W. COR. SEC. 27
S.E.¼ SEC. 27.
N.9°18'E.
1504.1 ft.
KITTIE A.
SUR. No. 4169
N.9°56'E.
S.9°56'W.
1500 ft.
RANDALL
DISC.
Drain
Shaft
Cut
Cut and Incline Shaft
Cut and Tunnel
LADY SMITH
Incline Shaft
S.9°54'W. 1090
N.9°54'E.
"Exchange"

1 copy of map enclosed
4-14-53

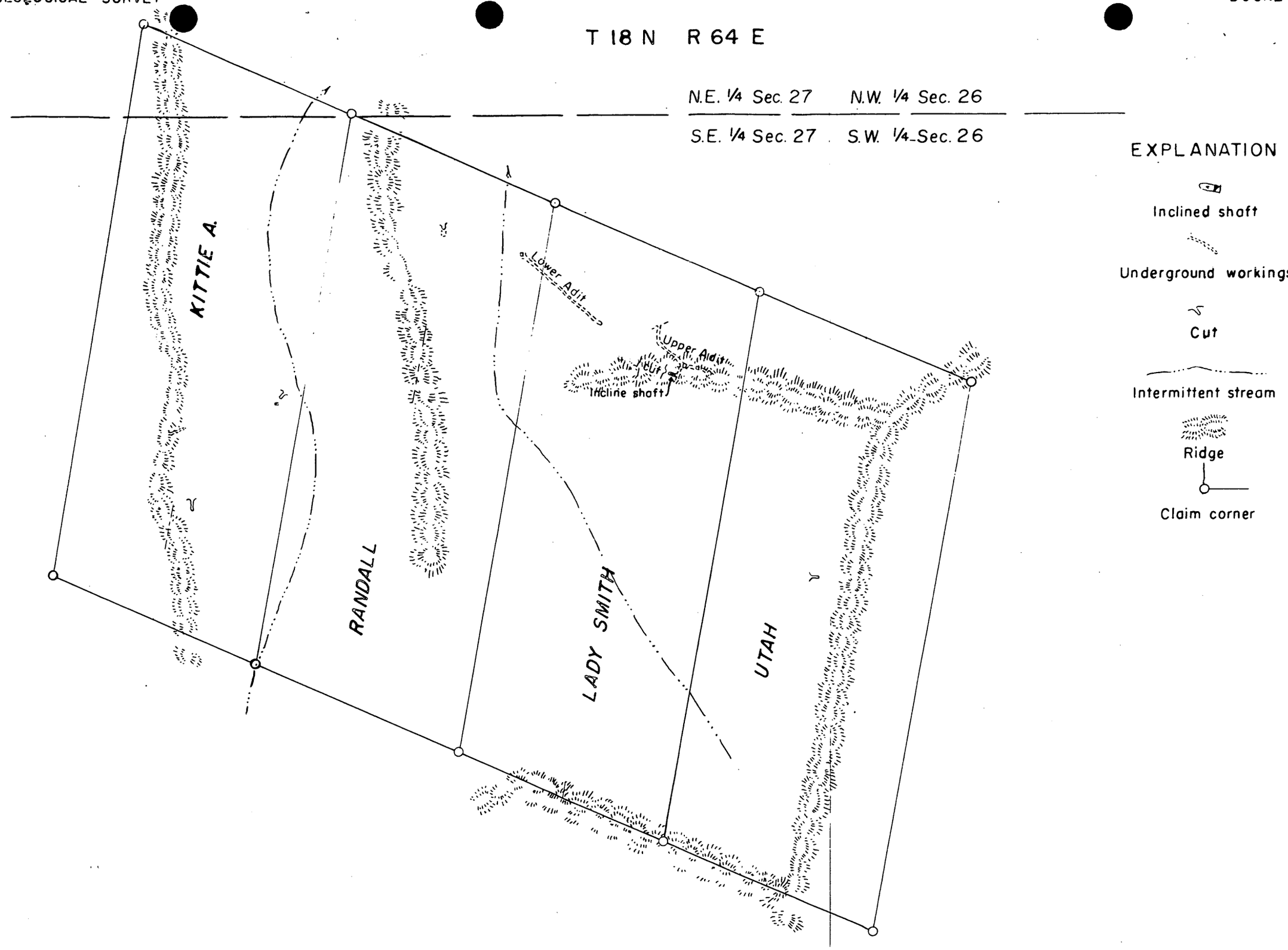


FIG. 2

PATENTED CLAIMS OF THE LEAD BULLION MINING AND MILLING COMPANY

WHITE PINE COUNTY, NEVADA

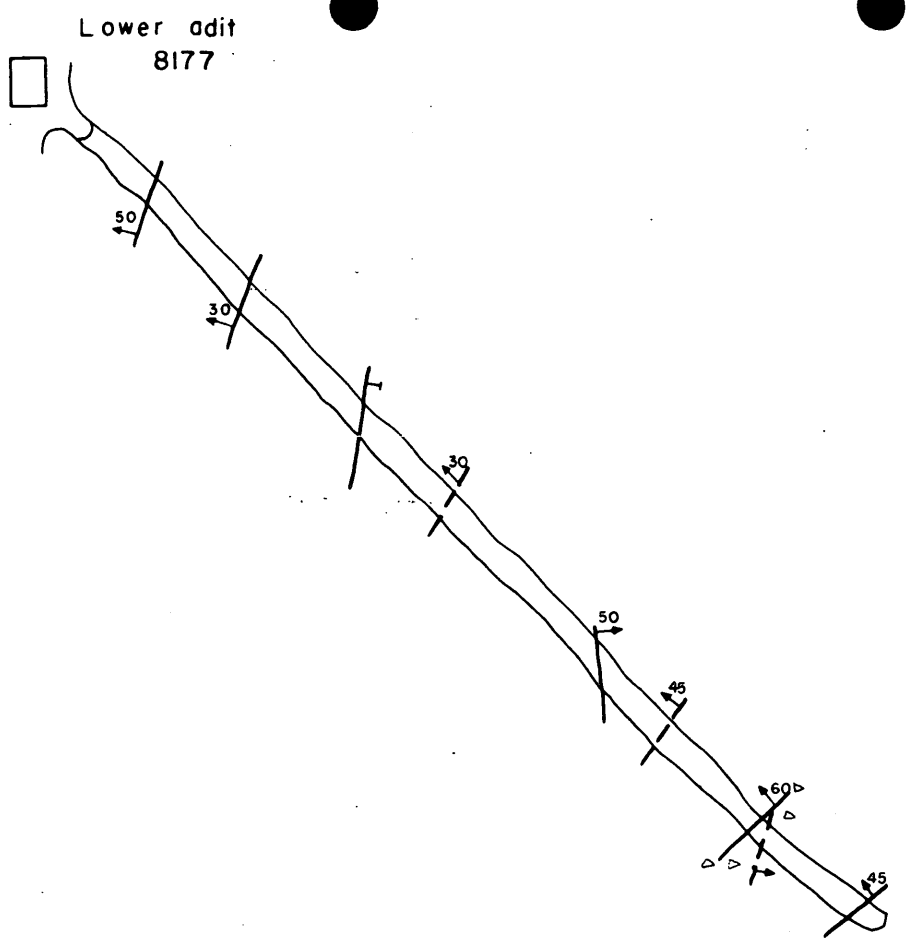
0 100 200 300 600 900

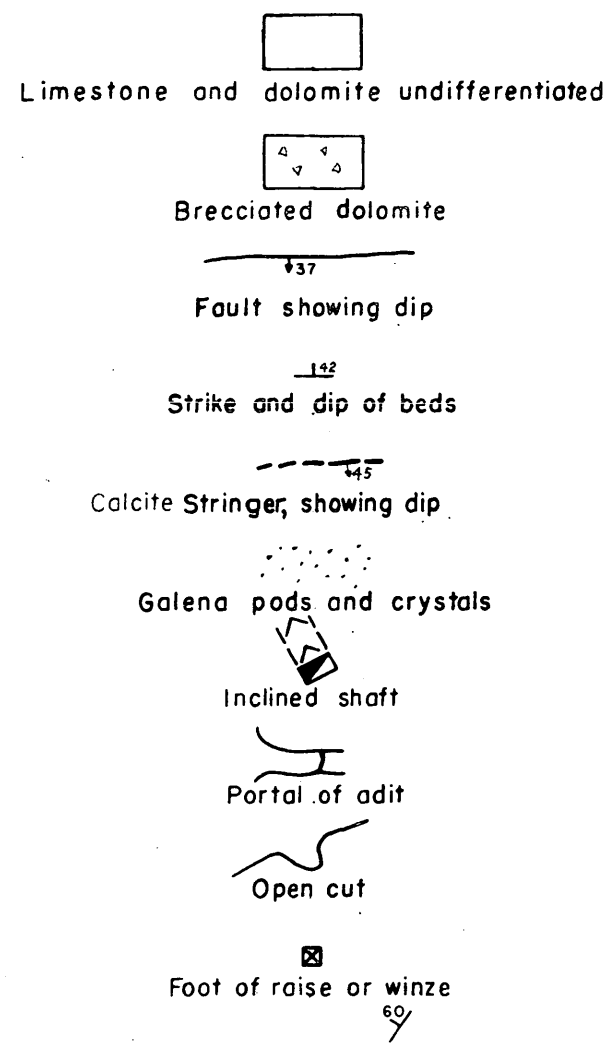
Scale

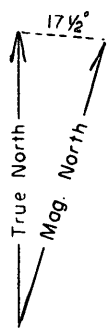
Modified from A. J. Knowlton. map, 1913

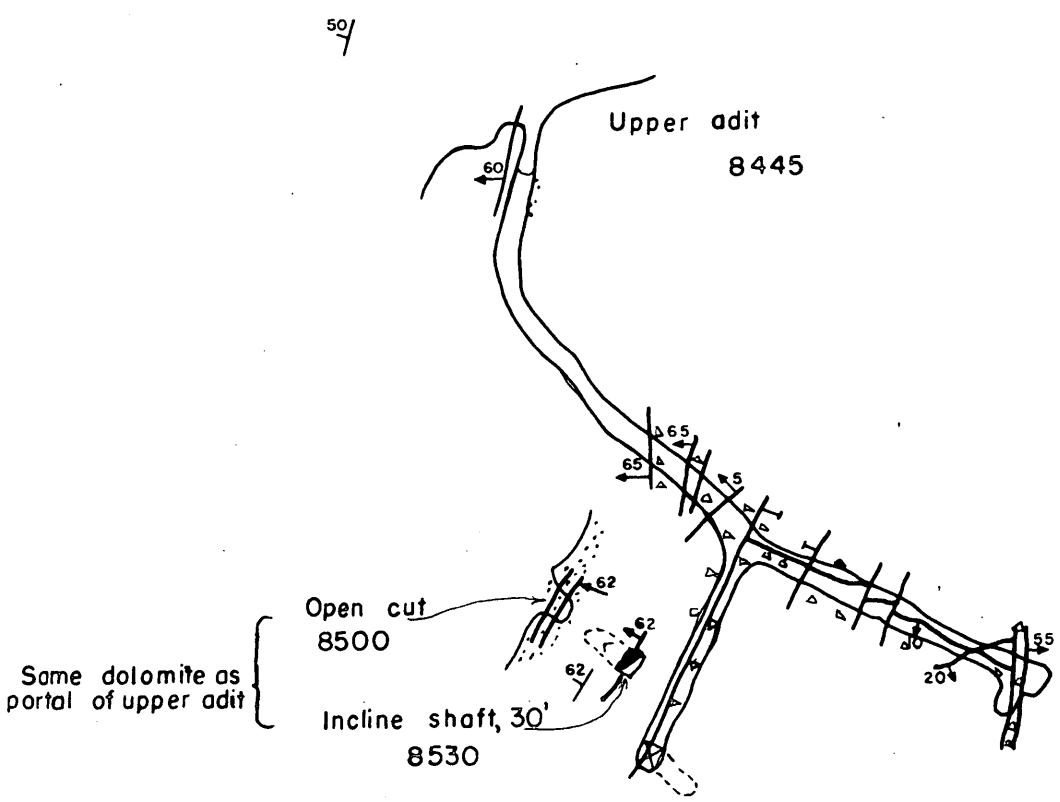
U. S. DEPARTMENT OF THE INTRIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET NO. 2979









LADY SMITH & RANDALL CLAIMS
WHITE PINE CO., NEVADA

0 40 80 120 ft.
Scale

FIG. 3

R. M. Smith June 1953

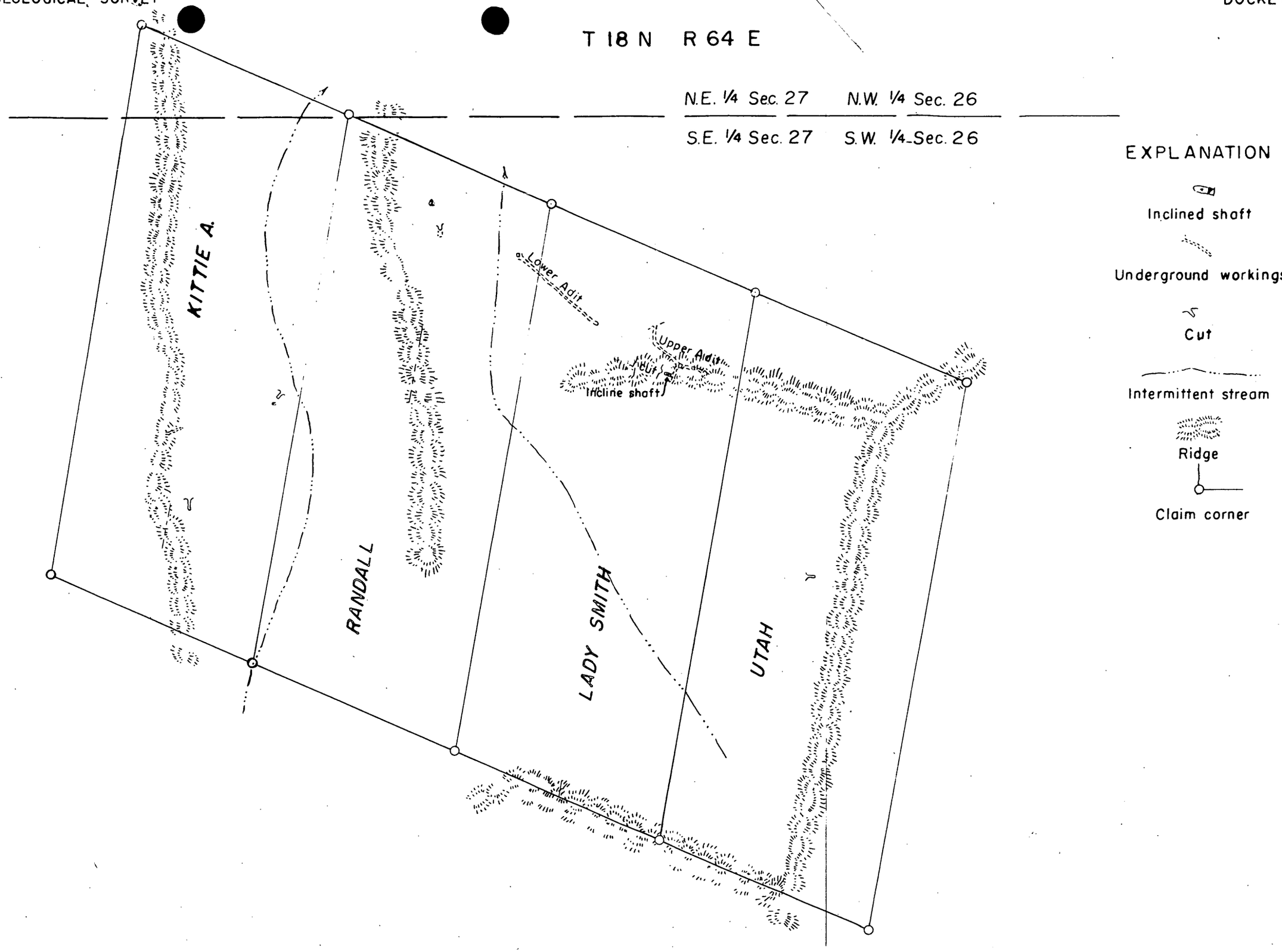


FIG. 2

PATENTED CLAIMS OF THE LEAD BULLION MINING AND MILLING COMPANY

WHITE PINE COUNTY, NEVADA

0 100 200 300 600 900

Scale

Modified from A. J. Knowlton map, 1913

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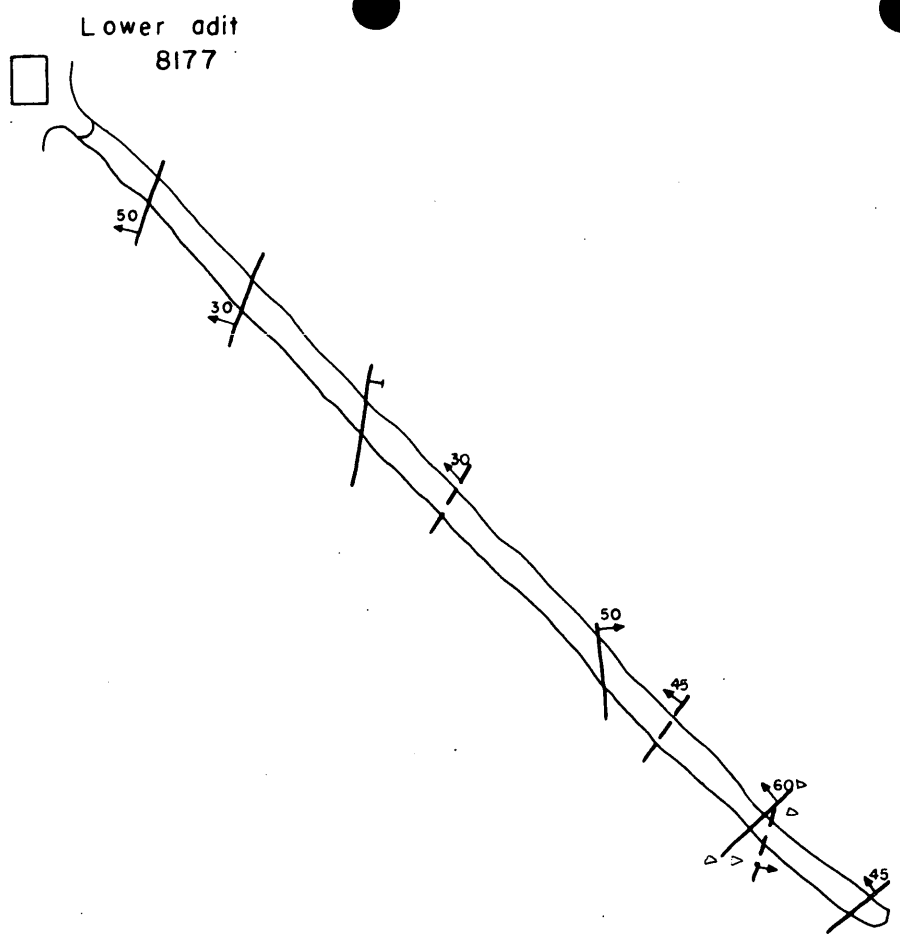
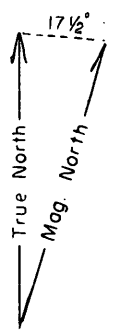
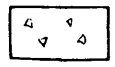
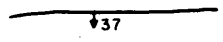




EXPLANATION

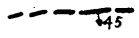
Limestone and dolomite undifferentiated


Brecciated dolomite

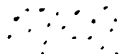


Fault showing dip

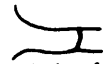
Strike and dip of beds



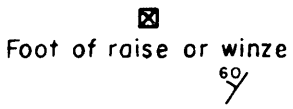
Calcite Stringer, showing dip

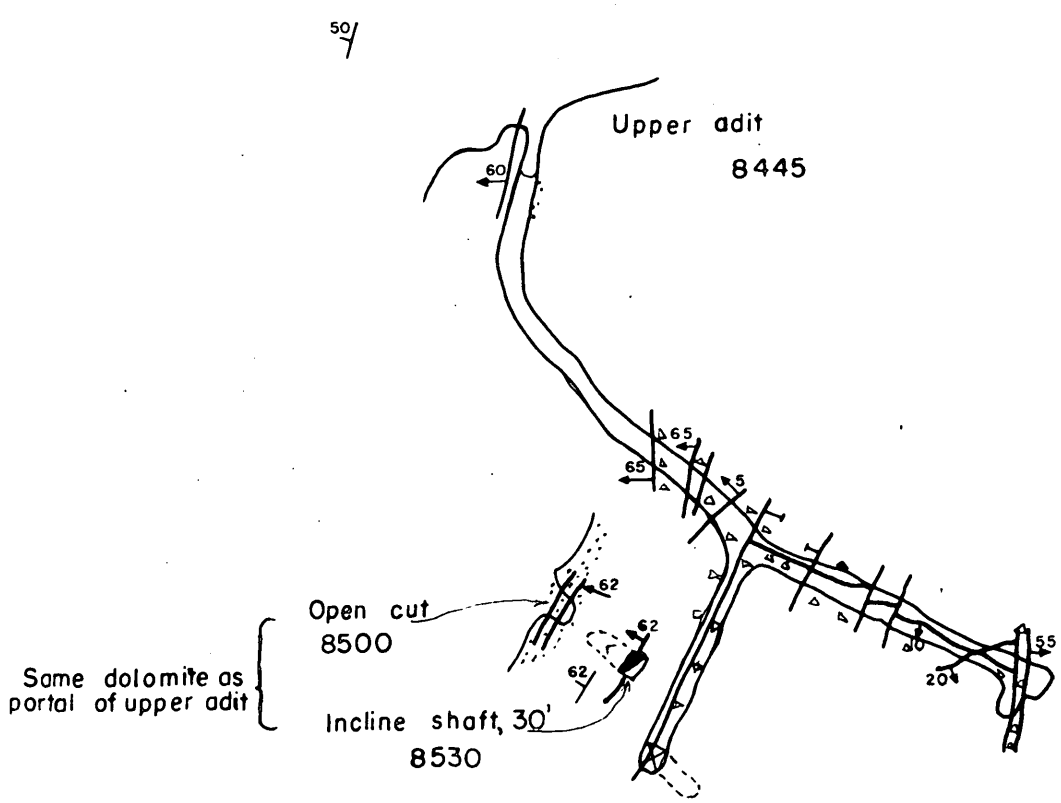

Galena pods and crystals

Inclined shaft


Portal of adit

Open cut


Foot of raise or winze



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0 40 80 120 ft.
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FIG. 2

R. M. Smith June 1953