DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2895

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 ASSISTANCE

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.

One copy to USBM. & USGS. One copy retained in Region II.

Routing Slip

To:	Code 500, Room 2616	Date	2/18/53
To:	Oper Com	Date	10-2-53
To:	Code 500	Date	10/6/53
To:	Oper com	Date	12-16-53
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DO NOT DETACH

CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

500

FILE COPY
SURNAME:

Keating
Larrabee
Selfridge

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

DEC 16 1953

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 2895 (Lead-Zinc)
Lucky Lead Mines, Inc.
Nonpariel Mine
Granite County, Montana

Dear Mr. Weissenborn:

This refers to your letter of December 2, 1953, with regard to closing the file of the above company's application. On August 17, 1953, you wrote Mr. Gleason, President of the company, that unless a request for a revised application was received from him within 30 days you would assume that he no longer wished it to be considered and that you would recommend that the application be removed from the active files and the docket closed.

Since the Applicant has not responded to your inquiry within the stipulated 30 days, the docket would automatically be closed as of that date, therefore, we have removed the application from the active files and closed the docket, and we suggest that you take similar action.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GHB)

APPROVED:

J. H. Hedges (GHB)
Member, Bureau of Mines

D. M. Larrabee (GHB)
Member, Geological Survey

AGKeating/hmj (12-14-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Division
Mr. Kinkel
Mr. Bishop
Chron.

R.C.S.
12-16-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

December 2, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Keating
Betty

Re: Docket No. DMEA 2895 (lead)
Lucky Lead Mines, Inc.
Nonpariel Mine
Granite County, Montana

Dear Mr. Selfridge:

Reference is made to the Operating Committee letter of October 2, 1953, on the referenced application and to the Executive Officer's, Region II, answering letter of October 20, 1953.

In that letter it was recommended that the application be withdrawn from the active files inasmuch as no information had been received from the applicant within the thirty-day warning period and as it was assumed that he was no longer interested in a DMEA contract.

As we have not seen a letter from the Operating Committee committing this application to the inactive files, we should again like to draw this recommendation to your attention in the hopes that by such action we can more readily close out the applicant's file.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM(2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
[illegible] 157 [illegible] Street
[illegible], [illegible]

[illegible] December 2, [illegible]

[illegible]r. [illegible], Chairman
[illegible] Committee, [illegible]
[illegible] of the [illegible]
[illegible] 25, [illegible]

[illegible] [illegible] 2[illegible]5 [illegible]
[illegible] [illegible], Inc.
[illegible] the
[illegible] County, Montana

[illegible]r. [illegible]:

[illegible] to the [illegible] Committee letter of [illegible]ctober [illegible], [illegible], on the referenced application and to the Executive Officer's, Region [illegible], answering letter of October 2[illegible], [illegible].

[illegible] that letter it was recommended that the application be withdrawn from the active files inasmuch as no information had been received from the applicant within the thirty-day warning period and as it was assumed that he was no longer interested in a [illegible] contract.

As we have not seen a letter from the Operating Committee committing this application to the inactive files, we should again like to draw this recommendation to your attention in the hopes that by such action we can more readily close out the applicant's file.

Sincerely yours,

[illegible]
[illegible]
[illegible] Officer, [illegible]
[illegible], Region [illegible]

cc: [illegible]
[illegible]

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

Department of the Interior
Defense Minerals Exploration
Received
OCT 23 1953

1201 N. Division St.
Spokane 2, Washington
October 20, 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Subject: Docket No. DMEA 2895 (lead)
Lucky Lead Mines, Inc.
Nonpariel Mine
Granite County, Montana

Dear Mr. Selfridge:

Reference is made to your letter of October 2, 1953, inquiring as to the status of the subject application.

No word has been received from the applicant in response to our verbal and written requests to supply us with additional information. He was informed that unless his revised application was received at this office by September 17, 1953, it would be withdrawn.

In view of the above, we assume the applicant is no longer interested in a DMEA contract and recommend that this application be withdrawn from the active files.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

NOTE: On the basis of this advice and recommendation, this application is withdrawn.

Base Metals Division

B. J. Lackloff

cc: USGS(2)

FILE COPY
SURNAME:

500

Keating
Mitchell
Selfridge
Hedges

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

OCT - 2 1953

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-2895 (Lead)
Lucky Lead Mines, Inc.
Mompariel Mine
Granite County, Montana

Dear Mr. Weissenborn:

This refers to your letter dated August 17, 1953, to Mr. Gale Gleason, President of the above company, in which you advise him that unless a revised application is received within thirty days it will be assumed that he no longer wishes to have his request for exploration assistance considered.

In order that our files may be kept current, please advise us if further consideration should be given to this application, or if you recommend that the case be removed from the active files and the docket closed.

Sincerely yours,

George C. Selfridge (JVB)

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines (JVB)

A. R. Kinkel, Jr.

Member, Geological Survey (JVB)

AGKeating/bjl (10/1/53)

Copy to: Docket
Admr. R. File
O p. Committee
Base Metals
Mr. Bishop
Mr. Kinkel
Chron.

R.C.K.
10-2-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Adm
RECEIVED
AUG 21 1953

Docket
Pending

August 17, 1953

Mr. Gale Gleason, President
Lucky Lead Mines, Inc.
Maxville, Montana

Re: Docket No. DMEA-2895 (lead)
Lucky Lead Mines, Inc.
Granite County, Montana

Dear Mr. Gleason:

It has been brought to my attention that the above-referenced application has been pending for some time awaiting a revised application suggested on June 9, 1953 to you by Mr. Howard Nickelson, a member of our Field Team.

It would be advisable for you to submit this revised application immediately if you still wish it to receive consideration. As you are aware, lead has been removed from the critical list of strategic minerals since the time of the submittal of your original application, and we do not know how long Washington will allow us to consider applications in this category where information has been pending for such a period of time.

If the revised application is not received within 30 days, we will assume you no longer wish it to be considered and we will recommend to Washington that the application be removed from the active files and the docket closed.

It would be appreciated if you would inform this office of your intentions immediately so that we may proceed accordingly.

Very truly yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

August 17, 1953

Mr. Gale Gleason, President
Lucky Lead Mines, Inc.
Maxville, Montana

Re: Docket No. DMEA-2895 (lead)
Lucky Lead Mines, Inc.
Granite County, Montana

Dear Mr. Gleason:

It has been brought to my attention that the above-referenced application has been pending for some time awaiting a revised application suggested on June 9, 1953 to you by Mr. Howard Nickelson, a member of our Field Team.

It would be advisable for you to submit this revised application immediately if you still wish it to receive consideration. As you are aware, lead has been removed from the critical list of strategic minerals since the time of the submittal of your original application, and we do not know how long Washington will allow us to consider applications in this category where information has been pending for such a period of time.

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It would be appreciated if you would inform this office of your intentions immediately so that we may proceed accordingly.

Very truly yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Nickelson

FILE COPY
SURNAME:

500

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

JUN 8 1953

Mr. Earl T. Ellis, President
Lucky Lead Mines, Inc
219 Radio Central Building
Missoula, Montana

Re: Docket No. DMEA-2895 (Lead)
Lucky Lead Mines, Inc.
Nonpariel Mine
Granite County, Montana

Dear Mr. Ellis:

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

6-8-53

WRGriswold/hmj (6/5/53)
Copy to: Docket
Adm. R. File
Op. Committee
Base Metals
Region II (2)
Mr. Bishop
Mr. Kinkel
Chron.

FILE COPY
SURNAME:

500

Original

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

MAY 19 1953

Mr. Earl T. Ellis, President
Lucky Lead Mines, Inc.
219 Radio Central Building
Missoula, Montana

Re: Docket No. DMEA-2895 (Lead)
Lucky Lead Mines, Inc.
Nonpariel Mine
Granite County, Montana

Dear Mr. Ellis:

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 was not specified, and consequently was 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 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,

C. O. Mittendorf

Administrator

853

5-19-53

WRGriswold/bjl (5/18/53)

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

EARL F. ELSTONE
ATTORNEY AND COUNSELLOR AT LAW
MINING ENGINEER
219 RADIO CENTRAL BUILDING - PHONE 8701
MISSOULA, MONTANA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

April 21, 1953.

Dockets

Mr. Howard B. Nickelson
U. S. Department of the Interior
DMEA
South 157 Howard St.
Spokane 4 Wash.

Re: Docket No. DMEA-2895 Lead
Lucky Lead Mines, Inc.
Granite County Mont.

DEar Mr. Nickelson:

In answer to your letter of April 20, I can state that it is true that the officers of the Lucky Lead Mines, Inc will in all likelihood be changed, along with the company office after the meeting of the stockholders on May 4, 1953.

I believe that they will still be seeking a DMEA Project as outlined in the application made for same which is already filed, but will leave that decision to the new Board, as to their official notification to your Agency.

There is additional information now available on the assays taken from the incline drifts and crosscuts run from the pit, but I do not have this information in the office at the present time. It will probably be forwarded to your office later.

The last two or three weeks has added some snow to the property, so believe that it will be a while before it will be in shape to be given a proper examination.

Very truly yours,

Earl F. Elstone

Earl F. Elstone

EFE:dmc
Copy to E. W. McLaughlin

EARL F. ELSTONE
ATTORNEY AND COUNSELLOR AT LAW
MINING ENGINEER
219 RADIO CENTRAL BUILDING - PHONE 8701
MISSOULA, MONTANA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

April 21, 1953.

Mr. Howard B. Nickelson
U. S. Department of the Interior
DMEA
South 157 Howard St.
Spokane 4 Wash.

Re: Docket No. DMEA-2895 Lead
Lucky Lead Mines, Inc.
Granite County Mont.

DEar Mr. Nickelson:

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The last two or three weeks has added some snow to the property, so believe that it will be a while before it will be in shape to be given a proper examination.

Very truly yours,

Earl F. Elstone

Earl F. Elstone

EFE:dmc
Copy to E. W. McLaughlin

Granwold
Betty

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 24 1953

April 20, 1953

(Docket)

Mr. Earl F. Elstone
219 Radio Central Building
Missoula, Montana

Re: Docket No. DMEA-2895 (Lead)
Lucky Lead Mines, Inc.
Granite County, Montana

Dear Mr. Elstone:

According to information received by a member of the DMEA Field Team, Region II, from presumably reliable sources, the Lucky Lead Mines, Inc. are changing their officers.

Because of the rumored change, would you please inform us if the Lucky Lead Mines, Inc. are still seeking exploration assistance, as stated in their application Docket No. DMEA-2895. If so, are the new officers in accord with the DMEA application submitted in January 1953?

If the company is still interested in the previously submitted application, we would appreciate your informing us when the snow has left the ground so that we can make a field examintation.

Very truly yours,

Howard B. Nickelson

Howard B. Nickelson
For: A. R. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 24 1953

April 20, 1953

Mr. Earl F. Elstone
219 Radio Central Building
Missoula, Montana

Re: Docket No. DMEA-2895 (Lead)
Lucky Lead Mines, Inc.
Granite County, Montana

Dear Mr. Elstone:

According to information received by a member of the DMEA Field Team, Region II, from presumably reliable sources, the Lucky Lead Mines, Inc. are changing their officers.

Because of the rumored change, would you please inform us if the Lucky Lead Mines, Inc. are still seeking exploration assistance, as stated in their application Docket No. DMEA-2895. If so, are the new officers in accord with the DMEA application submitted in January 1953?

If the company is still interested in the previously submitted application, we would appreciate your informing us when the snow has left the ground so that we can make a field examintation.

Very truly yours,

Howard B. Nickelson

Howard B. Nickelson
For: A. K. Weissenberg
Executive Officer, DMEA
Field Team, Region II

cc: USBM (2)
DMEA (2)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

Greenwald
Betty
Docket

March 3, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 6 1953

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Docket DMEA-2895
Lucky Lead Mines application
Granite County, Montana

Dear Mr. Selfridge:

The Lucky Lead mine was examined on February 18, 1953, by Howard Nickelson and Raymond Robinson, U. S. Geological Survey, and Steve Zoldok, U. S. Bureau of Mines. The open pit from which the company had been mining was visited in company with Mr. Earl Ellis, President of the company, who had previously informed us that the property was accessible for examination. However, the examining party found the property covered by snow and they were unable to make a thorough examination. Another examination will be necessary before any conclusions may be ascertained. This examination will not be made until weather permits.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
Acting Executive Officer
DMEA Field Team, Region II

cc: USBM (2)
Nickelson

February 18, 1953

Mr. Earl T. Ellis, President
Lucky Lead Mines, Inc.
219 Radio Central Building
Missoula, Montana

DMEA-2895
Subject: Exploration Assistance
Re: Nonpariel Mine

My dear Mr. Ellis:

The receipt of your application dated January 10, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2895 and referred to the Base Metals Division.

Kindly refer to DMEA-2895 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

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

February 18, 1953

Memorandum

To: Executive Officer, DMEA Field Team, Region II

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 II.

DMEA - 2895 Lucky Lead Mines, Inc.

R. E. ADAMS

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

33980

dmea 2895

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

February 12, 1953

Mr. George Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 1953

Dear Mr. Selfridge:

Enclosed are three copies of an application for an exploration contract submitted by Mr. Earl Ellis, Missoula, Montana. One copy of the application has been retained at this office to facilitate a field examination.

We expect to have a field party in that part of Montana during the coming week and will at that time attempt to contact Mr. Ellis and make an examination of his property.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)

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 Administration
RECEIVED
FEB 1 3 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 2895
Metal or Mineral
Date Received 2-16-53
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:

Office: Lucky Lead Mines, Inc. Mine: Maxville Montana
219 Radio Central Bldg
Missoula Montana

(*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

Nonpariel and Iron Clad Patented Lode Mining Claims
Lucky Lead No. 1 and Lucky Lead No. 2 unpatented Lode Mining Claims

(*b*) State any mine name by which the property is known. Known as the Nonpariel Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

Lessee with contract to purchase two claims, owns two claims

(*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 encumbrance on owned land.

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

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.

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Lead and possibly zinc

(*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 90 days and be completed within 18 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?

[X] Money [X] 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 January 10, 1953

Lucky Lead Mines, Inc.
(Applicant)

By Lucy C. Collins Pres.

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

Lucky Lead Mines, Inc.
219 Radio Central Bldg. Missoula Montana
Defense Minerals Exploration Administration

Exhibits to Application

Form MP-103 January 10, 1953

1-(a). Name of Applicant, Lucky Lead Mines, Inc.
Mine, Maxville Montana
Office, 219 Radio Central Bldg, Missoula Montana

(b) The applicant is a corporation organized under the laws of Montana on May 7, 1952.

(c) Titles, names and addresses of officers
Earl T. Ellis, Pres and Director, Box 81 Philipsburg Mont.
C. Gale Gleason, Vice-Pres and Director, Maxville Montana
Herbert C. Fisher, Secy-treas, 235 Livingston, Missoula Montana

(d) Not applicable.

2. General Instructions.

3. (a) The land which will be explored under this application is, Nonpariel Lode Mining Claim, Mineral Entry No. 2763, Lot No. 51, Survey No. 1895.
Iron Clad Lode Mining Claim, Mineral Entry No. 2764, Lot No. 50, Survey No. 1982.
Lucky Lead No. 1, as recorded in Book 18, Page 405 and Lucky Lead No. 2, as recorded in Book 18, Page 404, all claims are believed to be in Township 8 North, Range 13 West, in Granite County, State of Montana, as recorded in the Granite County Courthouse, Philipsburg Montana.

(b) The mine is known as the Nonpariel Mine.

(c) The applicant is owner of the Lucky Lead No. 1 and Lucky Lead No. 2, by right of location, and holds Nonpariel and the Iron Clad Lode Mining Claims Under a Lease and Option to Purchase dated January 14, 1952, and as modified on February 18, 1952, which are attached as a part of this application and Marked Exhibit 3. (c), & (d).

(d) The Lease Agreement With Option To Purchase and Lease Modification Agreement are attached hereto and marked "Exhibit 3. (c) & (d).

(e). The two unpatented mining claims, Lucky Lead No. 1 and Lucky Lead No. 2 are held and owned by the applicant by right of location and there are no liens or encumbrances on this land.

(f) Two unpatented claims,
Lucky Lead No. 1, recorded in Book 18 on Page 405
Lucky Lead No. 2, recorded in Book 18 on Page 404, of the Book of Lode Locations, of Granite County at Philipsburg Montana.

4. (a) The Lucky Lead Mines, Inc. has been engaged since the summer of 1952 in conducting surface exploration on the so-called Nonpariel Mine. The Nonpariel Mine is on Boulder Creek, 1½ miles above Princeton, which is in turn 5 miles Southeast of Maxville Montana, a station on the Philipsburg branch of the Northern Pacific Railway, and U. S. Highway 10 A. A fair gravelled road serves the property.

History of the property. No actual records are available of the early operations of this property except what ore shipments were made to the American Smelting & Refining Co. plant at East Helena Montana. The following are quotations

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4. (a) from news items concerning the Nonpariel Mine: Jan 7, 1890,
Cont'd.

"Messers N. J. Bielenberg and Zenor visited the Nonpariel Mine and brought home several samples which returned very satisfactory assays. A winze is now being sunk from the 175 level, and another level being run at the depth of 275 feet, which is expected will strike the same lead that made such a good showing in the upper level."

Deer Lodge County, Philipsburg Mail, April 1, 1891, :

"Work is progressing on the Nonpariel in a very satisfactory manner, from 15 to 25 men having been steadily employed on the property for months past. This property has caused considerable discussion for several years past on account of its mammoth lead, said to be 133 feet wide. While the ore is not what can be termed very rich, it is of good qualifty, and the fact that there being such a great quantity makes it invaluable and much more desirable than a narrow though rich vein. Considerable of the ore will assay as high as 50 ounces in silver to the ton, while a great deal will run from 15 to 25 ounces. There is a vein fourteen feet wide which carries large percentage of zinc, and it is said that if the vein holds out, and it gives every indication of doing so, that arrangements can be made to work it for zinc at a great profit. The Nonpariel is noted for its variety of ores, there being several distinct character of ores and formation within the the big lead, in stratas, differing greatly in richness, quality and color. While the lead carries a large percentage of zinc, in the places mentioned above, it is not scattered through the remainder of the lead in such a manner as to effect the working of the ore to any great extent."

Excerpt from U. S. Geological Survey, Professional Paper 78, by Emmons and Calkins--- "Nonpariel Mine--- The Nonpariel Mine is on Boulder Creek, 1½ miles above Princeton. It was discovered in 1886 and was activley worked from 1891 to 1893. According to the owner, Mr. P. F. Scherr, it has produced altogether about $50,000 in silver and lead. A shaft 280 feet deep is sunk on the lode, and levels are turned a 100 feet and 280 feet below the surface. The main shaft was inaccessible in the summer of 1906, but entrance was gained to a postion of the upper workings through an air shaft 120 feet northwest of the main shaft. The country rock is limestone and the ore occurs along a fissured zone near the faulted contact of the Jefferson and Madison limestones. The country rock shows much brecciation, and the disturbed zone is said to have a maximum width of 120 feet. In this zone the rock is greatly altered and consists of iron stained limestone and abundant soft clay, containing here and there nodules of galena and lead carbonate. Some of the ore is stained green with malachite. The nodules of galena were found within a few feet of the surface and are said to have extended downward to the bottom of the mine."

All of the old mine openings are now inacessible. The Lucky Lead Mines, Inc. has been engaged in conducting surface exploration consisting of stripping, trenching, exposing and & testing of the large outcrops of the Nonpariel vein. (See Maps) A bulldozer is being used to strip to strip off the overlying glacial drift and a power shovel with trucks are being used to dig and clear out wastee material and ore from the vein. A large area was cleared of surface glacial detritus and a main pit was started. This pit is now some 200' in length,

4. (a) Continued:
40 to 70 feet in width, and has advanced from no depth to a maximum of 35 feet height of bank.

The Lucky Lead Mines, Inc. has a one-half yard gas shovel, with drag line attachments, a 230 cubic foot diesel driven portable compressor, drills, hoses, 2-Chevrolet 4 x 4 dump trucks, 1-Willys Jeep station wagon, and miscellaneous tools and equipment. During the summer of 1952, the Lucky Lead Mines, Inc. purchased the Saranac Mill, located on the Lucky Lead No. 1 Lode Claim, and began to rehabilitate it and change it to accomodate the oxidized ores from the Lucky Lead property. The mill is a 100 ton per 24 hour capacity, differential flotation mill with individual electric drives.

(b). According to hearsay, old news items, and conversations with Howard Scherr, whose father was superintendent of the property during its former operations, shipments of ores were made to Kansas, Butte and Helena Smelters. The only records now available are those of shipments made to the American Smelting & Refining Co. plant at East Helena Montana. These are attached to this application and marked Exhibit 4. (b). The first page contains the records of the older shipments, and Page 2 contains the more recent shipments. The last three shipments were test shipments made by the Lucky Lead Mines, Inc., one being a carload of pit run ore, and, one a batch of jig concentrates and one of flotation concentrates. The mill concentrates were made during mill test runs.

There are evidences of substantial shoots of lead, zinc, silver orebodies, but no evidence is available to class them as ore reserves, either from the standpoint of their size, continuity or grade.

(c). Geologically, the ore occurrance is found within a large brecciated zone in limestones which strikes North 35 to 40 degrees West, through the Iron Clad and Nonpariel Lode Claims. Shallow diggings show iron stained dumps to the south east of the main pit workings, (see map), but no outcrops are visible. This is due both to the presence of the soft altered limestones within the area and a cover of glacial detritus and boulders, varying a feet outheast of the pit to 20 feet or more at the northwest end of the pit. The northwest-southeast zone is joined in the pit now exposed by a north-south mineralized vein and brecciated zone. The strike appears to be the same as that of the limestone formation, visible in one place only in the pit, but with a different dip.

None of the old workings are open for examination except an old drift exposed on the level of the present pit for a distance of 68 feet. The only data available on the workings and geology is that contained in paragraph 4. (a). above.

Bulldozing, stripping and open-pit shovel mining in the pit area has disclosed a sizeable but not well defined mineralized area. Where opened it is approximately 300 feet long and 35 to 80 feet in width, the wider part being probably due to the intersection of the Northwest-southeast and the North-South vein structures. The exact walls are not determinable, and within the zone disclosed are areas with varying degrees of iron staining and mineralization. The material is more or less altered and leached, leaving varying mixtures of sandy, clayey, reddish to yellow mud, with pieces of unaltered lime, hematite, and partially jasperized hematite, with nodules of lead carbonate and galena surrounded with limonite. Minor amounts of quartz, irregularly scattered, is found. The most mineralized area is about 35 feet in width in the pit and many samples taken assay from 1 to 3 ounces of silver and 2 to 5% of lead. Sampling is difficult and variable due to inclusion or exclusion of carbonate and galena nodules in the sample.

4. (c) Continued:
A 52 ton car was loaded out by the power shovel and shipped direct to the smelter as a test shipment. Assays on which smelter settlement were made: Gold 0.005 oz., Silver 2.4 oz, Lead 4.6%, Copper 0.05% and zinc 0.5%.

An average of six composite head samples taken while the mill test runs were being made, run, Silver 1.92 oz and Lead 4.2%. It is believed that mill run ore can be maintained close to these figures. However, some difficulty has been experienced in making a satisfactory recovery and experiments are being conducted to increase the recovery with less sliming of the concentrates.

It seems evident that the values left in the upper oxidized portion of the vein system are mostly residual in the unconsolidated mass, with no real ore body in place. From an analysis of the records of ore shipments which are available, it would seem that three types of ore were mined and shipped, with the zinc which was disclosed in mining, being carefully excluded from the shipments. From the dates 11-28-1899 to 3-5-1902, the shipments were evidently from selective mining practices. One type of ore carried on an average from 15 to 20 ounces of silver, and 20 to 30% of lead per ton. During the mining of 4 to 5 cars of this material, small cars of high grade ore were accumulated and shipped. These shipments run about 90 ounces of silver and 65 to 70% of lead per ton. It is believed that this production came from the area between the 275 and the 175 foot levels. During the period of 3-31-1906 to 8-27-1906, 23 cars of lower grade ore was shipped. According to Emmons and Calkins, (U. S. Geological Survey, Professional Paper 78), who were in the area making a geological reconnaisance during the summer of 1906, the main shaft was inaccessible at that time, but entrance was gained to a portion of the upper workings through an air shaft 120 feet northwest of the main shaft. The ore shipped during 1906 was probably above the 175 level and was probably the lower part of the substantial body disclosed in the present pit workings.

The standing water level, underground, is believed to be about 50 feet below the present pit level. With such a high degree of leaching and oxidation of the upper portions, and the evidence of the presence of abundant sulphurous and sulphuric acids, there is substantial reason to believe that there will be an extensive zone of enriched ores below, in addition to the original primary ores in place. It is the intent and purpose of this project to explore and test the extent and grade of these orebodies.

4. (d). The Nonpariel property is on Boulder Creek, 6½ miles southeast of Maxville, in Granite County Montana. A good graveled road turns off from Maxville, on U.S. 10A, and a loading point on the Philipsburg branch of the Northern Pacific Railway, and proceeds 5 miles to Princeton, a small settlement, within which the Lucky Lead camp buildings are located. The camp, including cookhouse, bunkhouse and accessory buildings are adequate for about 20 men. A fair graveled road proceeds 1½ miles to the mine and mill further southeast up Boulder Creek. Philipsburg Montana, 18 miles distant is the nearest supply center. Crude ores would probably be loaded on railway cars at Maxville for shipment to the smelter, but concentrates will probably be hauled direct to the American Smelting & Refining Co. plant at East Helena Montana, some 95 miles distant from the mine.

4. (e). The Lucky Lead Mine and Mill is served by a branch power line of the Montana Power Company, and adequate power is available for all forseeable needs. Boulder Creek traverses through the claims and there is sufficient water throughout the year for all mining and milling purposes. Materials, supplies and equipment are available from Philipsburg, Butte and Missoula, within a radius of approximately 75 miles. During ordinary conditions there is an adequate supply of manpower available from the surrounding area of Drummond, Hall, Maxville, Princeton, Philipsburg and the Flint Creek Valley.

5. (a). The minerals for which this project is to explore are: Lead and eventually zinc and copper will be produced.

(b). The proposed work project is completely set out on the composite map, including both a plan view and section, and is described as follows: The first part of the project is the sinking of a one and a half compartment vertical shaft, 4½'x4½' and 4½' x 3' inside dimensions, to a depth of 250 feet, with 10 feet allowance for a sump, below the pit level; a southwest crosscut of 50 feet to the southwest wall of the ore zone; a east crosscut of 50 feet to the northeast wall; a north drift along the ore zone for 150 feet; and a southeast drift of 170 feet along the southeast extension of the ore zone, a total of 420 feet of drifts and crosscuts, allowing for the possibilities of changes in the propsed program according to contingencies encountered. It is proposed also that seven diamond drill holes be drilled from the 240 foot level opened as follows: From the end of the North drift, Hole No. 1, East 65 feet, horizontal; No. 2, North 36 degrees West, 200 feet, horizontal; No. 3, West, 150 feet, horizontal; No. 4, South 26 West, 225 feet, downward at 45 degrees. From the east end of the Southest drift, No. 5, South 50 West, 50 feet, horizontal; No. 6, North 50 East, 60 feet, horizontal; and No. 7, south 40 East, 200 feet, horizontal, making a total of 950 feet of diamond drill hole.

Due to the extreme altered, oxidized and unconsolidated condition of the upper 150 to 200 feet of the ore zone, it is not considered possible or feasible to drill this ore zone adequately from the surface. Added to the conditions of the ore zone itself, is the surface cover of glacial detritus and granite boulders which would make it necessary to strip the surface area before diamond drill stations could be started.

The purpose of the project is to explore and test the entire mineralized area at a depth where the primary ore content of the large zone may be determined. The test holes will probe across the zones, from wall to wall, laterally along the extensions and one hole will be put downward across the widest part of the zone.

(c). It is expected that the work will be started within 90 days and will be completed within 18 months from the date of an exploration project contract.

(d) Mr. Earl T. Ellis, President and manager of the Lucky Lead Mines, Inc. will be in charge of the operation. Mr. Ellis has had 28 years of experience in working in and around mines, mills, placers, and as mine accountant, drift and shaft contractor, shift boss, foreman, sampler and assayer. He is well qualified to handle the job. He will be assisted by a qualified metallurgist, engineer and accountant. It is expected that each individual part of the project will be contracted to experienced independant contractors.

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6. Estimated cost of the project $63,062.50

(a) Independent contracts

Shaft sinking 250 feet @ $115. per foot	$28,750.00
Drifts & crosscuts 420 ft. @ $30 per foot	12,600.00
Diamond drill holes 950 ft @ $7. per foot	6,650.00
	$48,000.00

(b) Labor supervision and consultants

Supervision by Mr. Ellis as manager @ $500. per month for 15 months	$7,500.00
Workmens compensation, Social Security & Unemployment comp Ins. 11½% of above	862.50
	$8,362.50
Car & travel expense of supervisor $50/mo	750.00
	$9,112.50
Accounting @ $50/mo for 15 months	$750.00
Engineer & geological service $100/mo 15 mo	1,500.00
Total labor and supervision services	$11,362.50

(c) Operating materials and applis will be furnished by the various independent contractors and costs of same are included in the respective footage costs.

(d) Operating equipment. The pieces of operating equipment that will become part of the permanent mining operating equipment and installation will be furnished by the applicant. Applicant will furnish the hoist, cable, skip, a 25 H. P. Motor pump, compressor and ore cars. The suggested rental allowance on this equipment purchased and furnished by applicant is as follows:

Hoist and allied equipment $40/mo for 15 mos	$600.
Compressor $75. per mo for 15 months	1,125.
Motorpump $35 per mo for 15 months	525.
3-ore cars @ $10 per mo for 15 months	450.
Total use and rental allowance	$2,700.

(e) Rehabilitation and repairs. None contemplated.

(f) No new building installations or improvements required.

(g) Miscellaneous. There is estimated that the analytical and assaying expense will cost approximately $1,000.

(h) Contingencies. None.

7. (a) Applicant is prepared to furnish its share of the cost of the proposed project in accordance with the usual Government regulations.

(b) Applicant will furnish its share of the costs both by contribution in money and use of equipment owned and furnished for use on the project.

CERTIFICATION

The undersigned, as the duly elected, qualified and acting president of the Lucky Lead Mines, Inc., both in his own behalf and acting for the corporation, certifies that the information set forth in this application and acompanying papers is correct and complete to the best of his knowledge and belief.

Dated January 10, 1953.

Lucky Lead Mines, Inc.
Earl T. Ellis Pres.

Exhibit 3. (c)

LEASE AGREEMENT AND OPTION TO PURCHASE

This Agreement, made and entered into this Fourteenth day of Jan. 1952, by and between the MONPARIEL MINING COMPANY, hereinafter referred to as the party of the first part and Earl T. Ellis, hereinafter referred to as the party of the second part.

WITNESSETH:

In consideration of the sum of one dollar, paid by the seconddparty to the first party, receipt of which is hereby acknowledged, and the faithful performance of the terms and conditions contained herein, The first party does hereby grant to the second party a five year (5) lease on the MONPARIEL and IRON CLAD Mining Claims which are patented and which are located in Granite County Montana, and owned entirely by the first party and are free and clear.

Monpariel Lode Survey No. 1982
Iron Clad Survey No. 1985

Subject to the following terms and conditions.

1. The first party must have this instrument approved by its Board of Directors within thirty days of this date, and upon receipt of said approved copy the second party must pay to the first party the sum of One hundred Dollars ($1.00.00) as an indication of good faith and to further bind this agreement.

2. Second party must ship or sell no timber from this property but may use all timber necessary in the course of mining operation or for the construction of cabins on the property itself.

3. Second party is to start mining operations on the property not later than June first 1952 and work continuously thereafter at a minimum of seventy man shifts per month, all work to be done in minerlike manner.

4. Should the second party decide to delay operations beyond June 1st 1952 or at some future date suspend operations for any reason whatsoever, he (2nd party) may keep this agreement in good standing and full effect by paying to the First party the sum of One Hundred Dollars ($100.00) monthly.

5. Should the work clause (#3) be violated and the payment of $100.00 not made, this agreement will automatically be terminated and ended thirty days after such default is made unless remedied before that time by second party.

6. A royalty of ten percent (10%) of the net smelter returns on all ore or concentrated is to be paid to the first party direct from the smelter or mill where ore is sold (from this property), and ninety percent direct to the second party, during the life of this agreement. All payments and from smelter to be sent to First National Bank and Trust Co. of Helena Montana, to be credited to the Monpariel Mining Company.

7. All monies received by the first party from royalties or payment shall apply on the purchase price, in event of purchase. Taxes to be paid by the second party.

8. The purchase price is Fifty Thousand Dollard ($50,000.00) and may be paid at any time during the life of this agreement, less royalties, to the first party, at which time first party must furnish clear title and bill of sale to the second party.

9. Workmens Compensation must be carried by second party at all times and first party is not responsible for any debts or bill incurred by second party.

10. In event that second party develops sufficient showing to warrant a large scale program and should wish to take advantage of a loan of R. F. C. or other Government loan agencies, the first party agrees that he may do so with their approval.

11. First party agrees that second party may depart from usual hard rock mining methods and use, instead of or combined with, a dragline or clam shell or bulldozer method, or any combination of these methods.

12. Any equipment of any kind installed on this property by the second party, may be removed by him at any time, however all mine ties and rails and any buildings or head frames must remain on the property and will become property of the first party in event of default or abandonment by second party.

13. In event that second party should open up a level that can not be held because of water conditions he will notify first party so that first party may make an examination before the level is abandoned.

14. In event of snowfall in excess of twenty four inches on the level at the mine the second party may suspend operations until spring without the payment of the $100.00 monthly as specified in paragraph 4 and 5. This clause No. 14 applies only to the season of 1953 as the second party plans to work continuously regardless of snow after that time.

S/ Earl T. Ellis

County of Kitsap Washington

Earl T. Ellis personally appeared before me on this 14th day of January 1952.

S/ Norman J. Box

Notarial
Seal

Nonpareil Mining Co. Incorporated

S/ Warren M. Track Pres.

S/ Claude R. Bielenberg Secy-Treas.

S/ Arthur G. Scherr

S/ Howard A. Scherr

STATE OF MONTANA)
:
County of Powell)

On this the 22nd day of January, 1952, before me S. P. Wilson, a Notary Public for the State of Montana.Residing at Deer Lodge, Montana, personally appeared Warren N. Trask and Claude M. Bielenberg,known to me to be respectively the President and the Secretary of the Komparial Mining Company, the corporation that exected the within instrument and known to me to be the person who executed the within instrument on behalf of the corporation therein named and acknowledged to me, that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal. The day and year herein last above written.

S/ S. P. Wilson
Notary Public of the State of Montana. Residing at Deer Lodge, Montana. My commission expires December 10, 1954

Notarial
Seal

STATE OF MONTANA)
:
County of Granite)

On this 24th day of January, 1952, before me Edwin T. Irvine, a Notary Public for the State of Montana, personally appeared Howard Scherr, known to me to be one of the persons whose names are subscribed to the within and foregoing instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year in this certificate first above written.

S/ Edwin T. Irvine
Notary Public for the State of Montana, residing at Philipburg, Montana. My commission expires February 8th, 1953

Notarial
Seal

LEASE AND MODIFICATION AGREEMENT

This Agreement, made and entered into this 18 day of February, 1952, by and between the Nonpariel Mining Company, a Montana Corporation, of Deer Lodge Montana, party of the first part, and Earl T. Ellis, party of the second part, as follows:

Whereas, the second party is the holder of a Lease and Option To Purchase Agreement of the Nonpariel Lode Mining Claim, Mineral Entry No. 2763, Lot No. 51, Survey No. 1895, and the Iron Clad Lode Mining Claim, Mineral Entry 2764, Lot No. 50, Survey No 1982, in Township 8 North, Range 13 West, Granite County Montana, dated January 14, 1952, from the Nonpariel Mining Company, and

Whereas, second party desires to secure a Defense Minerals Exploration Administration development project to explore and develop the above mentioned mining claims, and in order to comply with the requirements of the said Government agency,

Now therefore It Is Agreed:

1. That the lease granted to the second party is to be extended to a period of ten (10) years; that the royalty payments to be made for the period of five(5) years is to be at the rate of Ten (10) Percent of the net smelter returns until paid in full, and for the balance of the life of this agreement or until the purchase price is paid in full, at the rate of Fifteen (15%) Percent of the net smelter returns.

2. That the monthly payments and royalty payments due in these Agreements shall be sent to the First National Bank and Trust Co. of Helena Montana for the account of the Nonpariel Mining Company, and shall be applied on the purchase price of Fifty Thousand ($50,000.) Dollars.

3. That upon the execution of this agreement, first party shall execute a good and sufficient deed, and shall place same is escrow with the First National Bank and Trust Co. of Helena Montana with the instructions that the same shall be delivered to Earl T. Ellis, his heirs, successors or assigns, at such time as the purchase price shall be paid in full. That in such event second party shall fail to make the payments or to comply with the requirements of the Agreements of January 14, 1952 and as modified in this agreement, then such deed and contract is to be returned to first party, and any payments made are to be retained by the first party.

4. That in event second party makes application for Government assistance of the Defense Minerals Administration or other Government Agencies, first party agrees to execute a "Landlords Subordination Agreement".

That in all other respects the Agreement of January 14, 1952 shall remain in full force and effect and these modifications shall be binding on the parties hereto.

NONPARIEL MINING COMPANY

S/ Warren M. Trask Pres.

S/ Claude N. Bielenberg Secy.
Party of the first part

Corporate
Seal

S/ Earl T. Ellis
Earl T. Ellis

Party of the second part.

STATE OF MONTANA)
: ss
County of Powell)

On this 18 day of February 1952, before me Earl F. Elstone, a Notary Public in and for the State of Montana, personally appeared Warren M. Track and Claude N. Bielenberg, president and secretary respectively of the Nonpariel Mining Company, that executed the within instrument on behalf of the Corporation herein named, and acknowledged to me that the corporation acknowledged the same.

In Witness Whereof, I have hereunto set my hand and affixed my notarial seal the day and year in the certificate first above written.

S/ Earl F. Elstone
Notary Public for Montana
Residing at Missoula Montana
My commission expires Nov.5, 1954

Notarial
Seal

STATE OF WASHINGTON)
: ss
County of Kitsap)

On this 21 day of Feb. 1952, before me _____ a Notary Public for the State of Washington, personally appeared Earl T. Ellis known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my notarial seal the day and year in the cerificate first above written.

S/ W. R. Mitchell

Notarial
Seal

ASSIGNMENT

Know All Men By These Presents:

That I Earl T. Ellis, do hereby assign, transfer and set over to the Lucky Lead Mines, Inc. a Montana Corporation with its principal office at 219 Radio Central Bldg, Missoula Montana, all of my right, title and interest in and to that certain Lease Agreement And Option To Purchase with the Nonpariel Mining Company dated January 14, 1952 and the Lease And Modification Agreement dated February 18, 1952, on the Nonpariel and Iron Clad Lode Mining Claims, (patented) in the Boulder Unorganized Mining District, Township Eight (8) North Range Thirteen (13) West, Granite County Montana; that this assignment is made for and in consideration of the issue to the undersigned of 4,985,000 shares of fully paid capital stock of the Lucky Lead Mines, Inc.

Dated this 21 day of June 1952

S/ Earl T. Ellis

STATE OF MONTANA)
: ss
County of Missoula)

On this 21 day of June 1952, before me, the undersigned a Notary Public in and for the State of Montana, personally appeared Earl T. Ellis, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my Notarial Seal the day and year first above written.

S/ Earl F. Hirtzen
Notary Public for Montana
Residing at Missoula Montana
My commission expires Nov. 5, 1954

Notarial
Seal

Exhibit 4. (b)

STATEMENT OF SHIPMENTS OF NONPARIEL ORE TO EAST MELISSA SMELTER

Date	Dry Weight	Silver Ounces	Gold Ozs.	Lead %	Silica %	Iron %	Net Proceeds
11/28/1899	16649	22.9	tr	28.5	34.0	12.4	152.30
11/26/1899	22557	21.4	tr	18.2	47.4	11.1	94.96
3/4/1900	46928	20.8	tr	25.6	27.8	17.8	323.53
3/13/1900	45076	20.8	tr	22.9	31.2	16.2	281.05
3/27/1900	46873	21.8	tr	22.2	28.6	18.3	297.41
5/7/1900	44301	20.0	tr	22.3	29.4	17.7	268.46
5/15/1900	43944	23.8	tr	25.0	28.2	17.3	312.44
5/26/1900	42185	22.2	tr	24.3	28.0	16.8	244.04
6/6/1900	42927	87.4	tr	65.3	1.8	3.3	1,550.52
7/5/1900	24039	24.2	tr	27.9	28.0	15.3	170.92
6/6/1900	8816	83.5	tr	65.3	1.6	3.5	308.60
6/5/1900	43557	15.8	tr	15.1	42.4	13.7	53.79
7/4/1900	43629	24.1	tr	26.8	28.2	14.5	331.10
7/10/1900	42291	19.8	tr	24.5	29.6	17.4	235.56
8/5/1900	40426	18.0	tr	18.8	30.6	20.5	118.65
8/9/1900	16879	90.5	tr	65.1	3.8	5.0	642.41
8/9/1900	24485	17.8	tr	18.3	30.8	20.7	67.95
8/17/1900	58853	16.3	tr	21.6	30.8	20.3	194.77
10/27/1900	44253	20.0	tr	25.6	29.2	16.6	270.61
10/20/1900	45018	19.4	tr	22.6	31.4	17.4	235.67
12/1/1900	36198	12.3	tr	20.9	32.6	18.3	98.10
12/3/1900	19998	102.0	tr	67.8	2.1	3.7	873.81
12/2/1900	27317	19.0	tr	22.6	29.4	17.4	140.55
1/19/1901	40436	18.2	tr	22.5	30.4	17.7	192.27
3/7/1901	43069	17.4	tr	23.1	31.4	17.2	193.16
3/14/1901	39000	16.7	tr	22.1	33.0	16.1	158.53
3/15/1901	18028	94.4	tr	67.2	2.6	3.8	715.08
3/14/1901	26710	14.7	tr	14.4	46.0	14.4	26.84
4/10/1901	41100	17.4	tr	22.7	32.0	15.9	187.02
5/18/1901	8633	93.4	tr	70.5	1.6	3.4	432.99
5/15/1901	20950	18.2	tr	22.7	29.6	17.2	95.11
2/7/1902	40286	17.8		20.3	34.0	17.3	103.74
3/5/1902	23208	20.0		22.6	33.0	16.5	87.10
3/5/1902	6926	90.2		69.0	1.0	3.0	229.80
3/31/1906	40900	13.4		11.8	48.0	16.7	145.82
3/31/1906	53839	11.2		9.5			138.37
4/6/1906	35081	13.2		10.0			106.20
4/10/1906	24111	16.0		11.3			88.61
4/27/1906	39853	1411		9.0			126.13
5/2/1906	40680	13.0		9.2			107.69
5/11/1906	42204	12.0		10.1			131.25
5/23/1906	47026	9.5		15.1			169.99
5/30/1906	46092	11.0		14.6			173.77
6/5/1906	34171	4.2		7.1	31.4	31.1	24.43
6/13/1906	40590	3.8		4.0	30.0	31.5	2.23
6/30/1906	49069	3.7		3.5	Too Low Grade		
7/10/1906	38277	4.8		5.5	" "	"	
7/16/1906	40962	6.2		7.4			27.24
7/19/1906	147756	7.5		6.8			132.24
7/24/1906	71361	5.1		5.7	44.6	23.2	Too Low Gr.
7/27/1906	105456	5.9		7.3	40.8	26.5	55.36
7/30/1906	108906	3.2		5.0	34.6	31.5	Too Low Gr.
8/2/1906	89061	3.0		4.9	39.4	29.7	" " "
8/2/1906	56860	3.5		5.4	36.6	30.3	" " "
8/6/1906	38545	6.5		9.2	38.0	25.7	51.84
8/7/1906	51716	5.7		8.4	42.4	24.0	39.30
8/4/1906	4560	88.2		63.0	4.8	4.0	187.85
8/27/1906	44869	7.0		8.5	44.4	21.9	55.64
10/2/1906	48900	10.4		13.7	49.2	15.6	173.84
12/18/1906	27324	19.4		17.6	44.0	13.5	183.21
12/19/1906	14302	19.3		17.3	45.8	12.9	93.25
12/19/1906	4826	90.2		65.2	5.2	3.1	214.64

Exhibit 4. (b)

NONPAREIL MINE SHIPMENTS - CONTINUED

Date 8/14/1940

Dry Weight	Silver Ounces	Gold Ozs.	Copper %	Lead %	Silica %	Iron %	As %
8634	14.4	0.01	0.01	12.0			1.02

Anitmony %	Bismuth %	Net Proceeds
0.50	0.01	14.75

Date 9/24/1948

Dry Weight	Silver	Gold	Copper	Lead	Silica	Iron	As
9881	10.7	0.010	0.10	14.6		10.3	0.83

Antimony	Bismuth	Net Proceeds
0.44	0.015	103.64

Date 10/27/1948

Dry Weight	Silver	Gold	Copper	Lead	Iron	As.
7485	15.6	0.010	0.15	14.6	12.8	1.05

Antimony	Bismuth	Net Proceeds
0.36		136.40

TEST SHIPMENTS BY LUCKY LEAD MINES, INC.

Crude Ore - Date 10/3/52

Dry Weight	Silver	Gold	Copper	Lead	Iron	As	Antimony	Net Proceed
104023	2.4	0.005	0.05	4.6	7.6	0.30	0.30	130.19

Jig Concentrates - Date 10/14/52

9,173	12.7	0.01	0.05	48.2	Zinc 1.0%	447.07

Flotation Concentrates - Date 10/14/52

4.065	22.8	0.0175	0.05	50.6	Zinc 2.0%	201.58

Jig Concentrates- November 26, 1952

22,217 lb.	15.0	0.015	0.10	49.4	Zinc 0.5%	$1,102.47

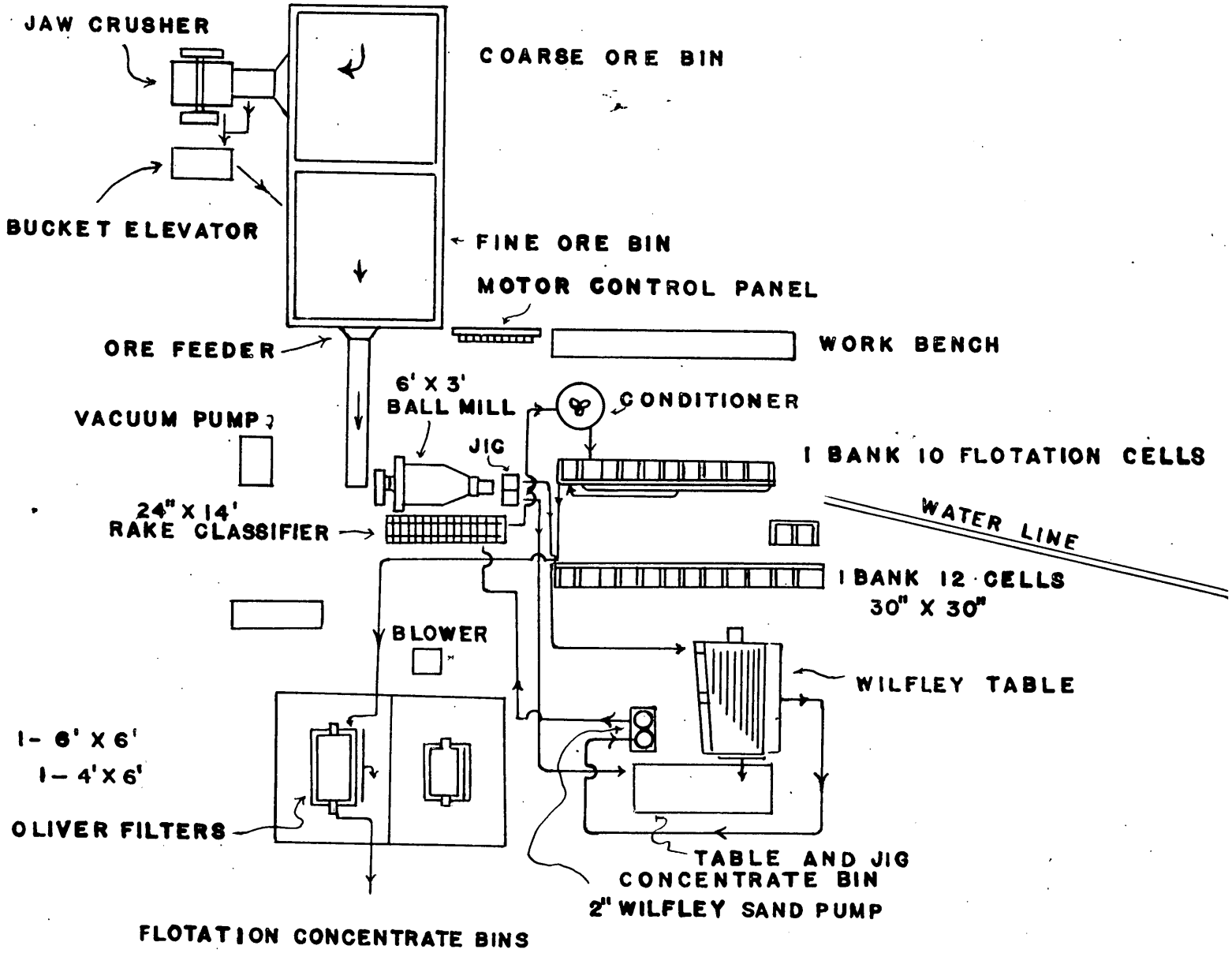
Flotation concentrates, December 31, 1952

11,292 lb	23.2	tr.	0.15	62.4	Zinc 1.0	$739.53

FLOW SHEET

LUCKY LEAD MINES MILL

GRANITE COUNTY MONTANA



dnrc 2895

Exhibit 4. (C).

COMPOSITE MAP

LUCKY LEAD MINES, INC.

NONPARIEL MINE - GRANITE COUNTY MONTANA

40 SCALE - JANUARY 3, 1953 EARL F. ELSTONE E.M.

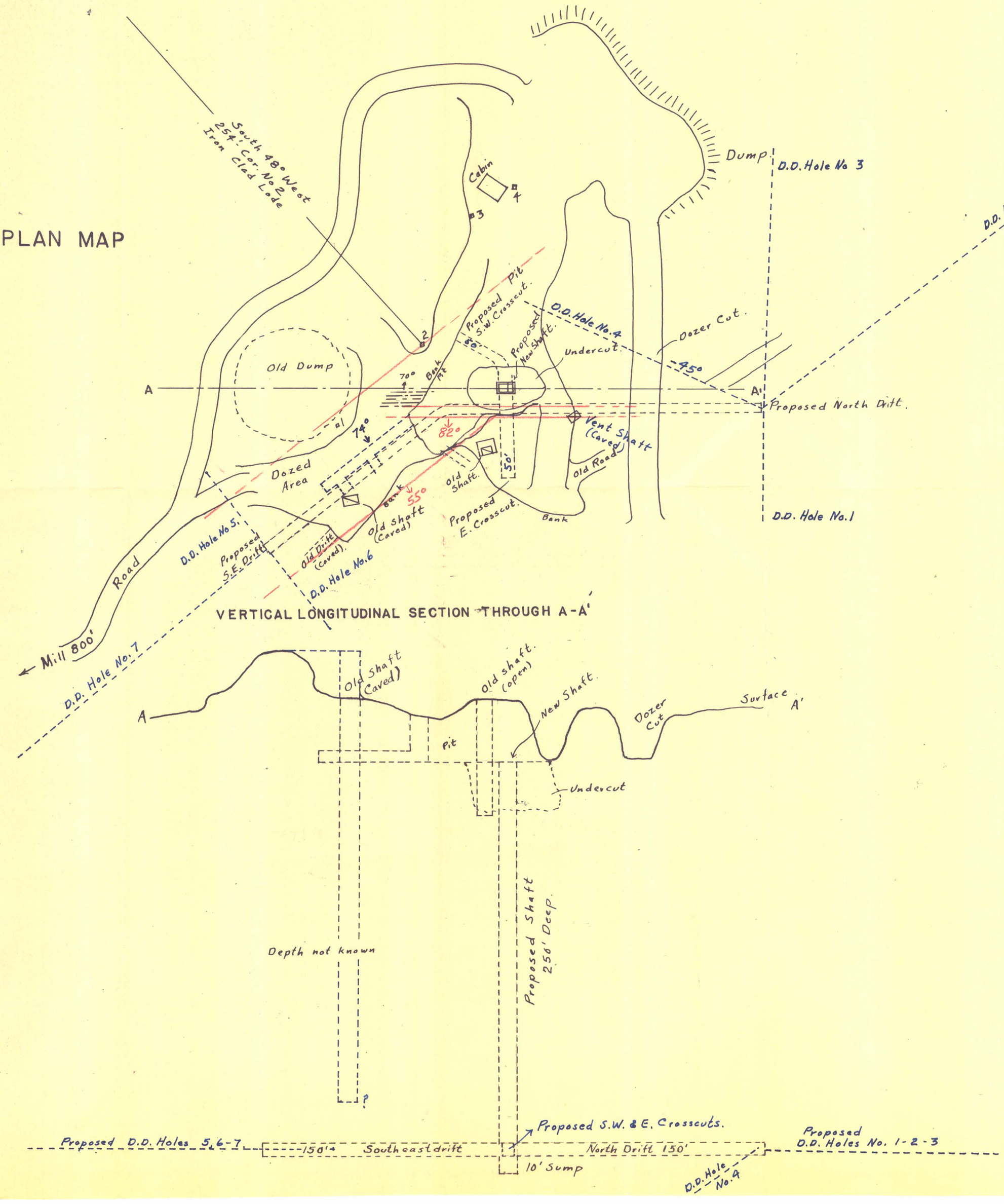


Exhibit 4.(c).

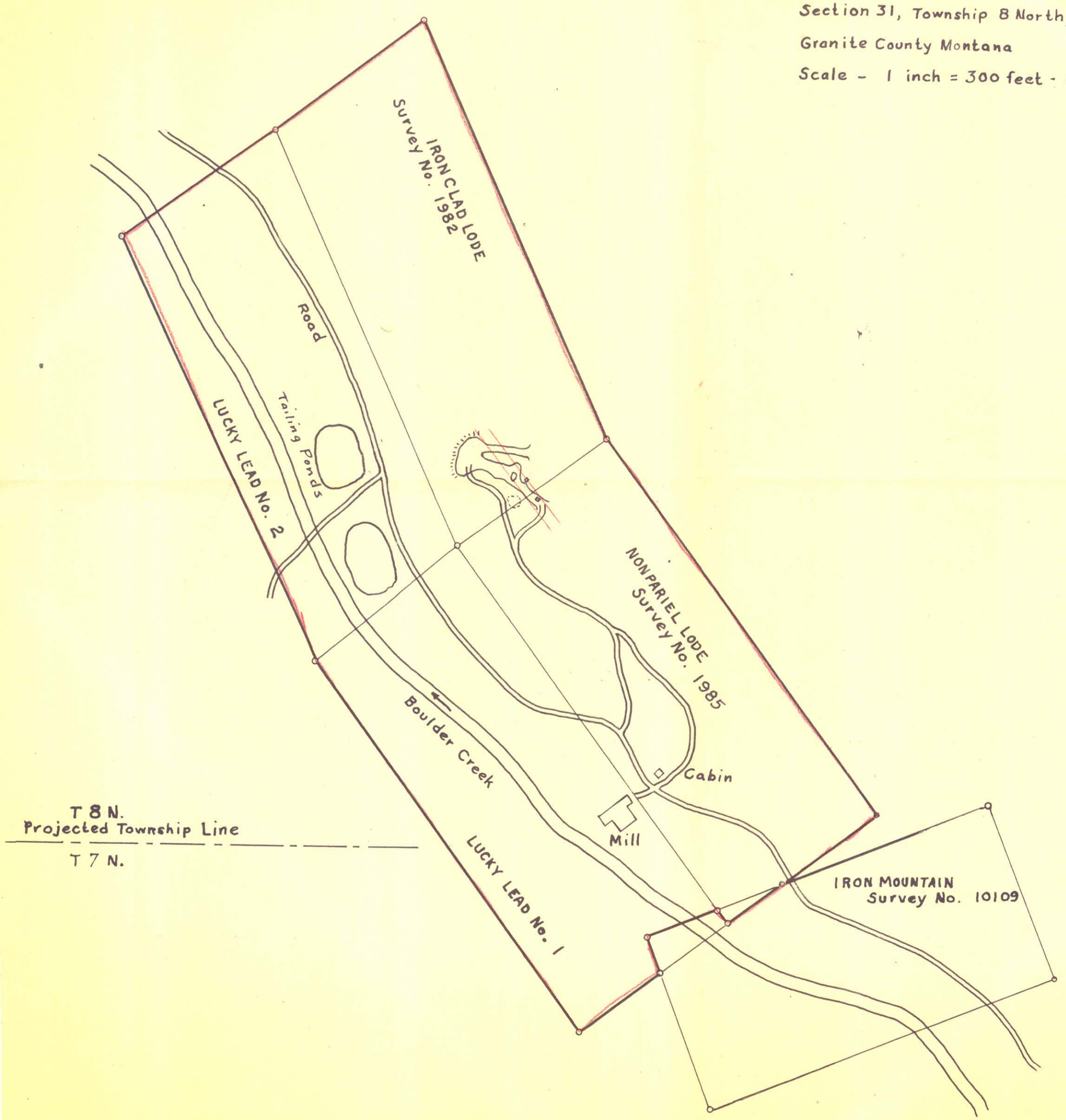
NONPARIEL CLAIMS MAP

LUCKY LEAD MINES, INC.

Section 31, Township 8 North, Range 12 West

Granite County Montana

Scale - 1 inch = 300 feet - Earl F. Elstone E.M.



UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

File + MIC

Docket

ROUGH DRAFT

Not distributed. Another report will be written when the property can be examined. EMK

February 25, 1953

Memorandum

To: DMEA Field Team, Region II

From: Howard Nichelson and Raymond Robinson, Geologists, USGS, and Steve Zoldok, Mining Engineer, USBM.

Subject: Docket No. DMEA-2895 (Lead), Preliminary inspection of Lucky Lead Mines, Inc., Granite County, Montana.

On February 18, 1953, the property of the Lucky Lead Mines, Inc., located on Boulder Creek near Philipsburg, Montana, was visited by Howard Nickelson and Raymond Robinson of the U. S. Geological Survey, Steve Zoldok of the U. S. Bureau of Mines, and Robert Anderson, Chief Engineer of the Sunshine Mining Company. Mr. Earl Ellis, President and Manager of the Lucky Lead Mines company, conducted the party. The party was also accompanied by Jim Fabiano and Orville Lammers, stockholders and miners. Messrs. Fabiano and Lammers are to be the miners in the work proposed in the loan application. They have been working for Mr. Ellis on the basis of 50% cash and the rest in stock at par value (10¢).

The site of the open-pit mining operation and the mill were briefly inspected. Deep snow and extremely cold weather made a more extensive examination unfeasible. In addition to visual inspection of the open pit, a forty scale sketch map was made which outlined the pit and short tunnels therein. This was made to check the geologic interpretations expressed on the application map. Sampling which had been contemplated was deferred because of heavy snow covering.

The mill appeared to be adequate for 100 tons per day and was as represented by Mr. Ellis in previous conversations.

The area in which mining has been done is covered by 6 to 15 feet of glacial debris in which numerous boulders were noted which weighed up to 2,000 pounds. Bed rock exposure in the area is scarce and bulldozing of this type of overburden is necessary to uncover mineralized zones.

The mining site located on the Iron Clad claim is an open pit of irregular outline, approximating 80 feet by 80 feet in plan. It varies from 10 to 30 feet in depth. Although the material mined is unconsolidated, it appears to stand well and has formed nearly vertical walls. It is likely, however, that rather dangerous conditions will exist in the pit when the ground becomes wet with spring thaws. A great deal of sloughing can be contemplated.

The material which is being mined is of problematical origin. According to the geologic information submitted with the application, the pit is in a zone of brecciation created by the intersection of north-south and southeast-northwest dipping structures (faults or shears with mineralization). On the accompanying map of the application somewhat definite boundaries to the intersecting zones are indicated. These boundaries could not be verified in the present exposures. One limiting limestone wall on the northeast side of the pit was ascertained and it dipped steeply northeast. The remainder of the exposure consisted of a loosely consolidated mass of breccia-like rock sand and mud with no determinable limits.

In close inspection the material consisted of rather small angular to sub-angular fragments of limestone, silicified limestone, brown and grey jaspery quartz, limonite and hematite oxidized vein matter in a fine grained mass of sand, gravel and mud. The fragments seldom exceeded one foot in diameter and the major part is far less. Occasional rounded pebbles of galena and lead carbonate occur irregularly through the material up to 4 - 5 inches in size. The sand and mud matrix shows definite stratification banding due to water action. The general appearance of the whole, together with this banding or stratification, suggests that this near surface occurrence is the result of solution and subsequent collapse. It may be a collapse instead of a structural breccia. This does not preclude the possibility of the existence here of a structural intersection and associated brecciation. It does suggest that there has been a residual concentration and that the zone may impoverish at depth.

Mining has been done by dragline and the ore has been trucked to the mill. Mr. Ellis said that the mining was done by sample control and anything containing less than 4% lead was discarded. The cut samples assayed consistently lower than the calculated mill heads. He is of the belief that the whole area of the pit will average 3% lead and that it could be mined profitably on the basis of 500 tons per day production. However, he has been able to mill only 70 tons per day to date.

Mr. Ellis appears to be capable, competent, cost conscious and sincerely interested in this venture and it is our opinion that his statements concerning the sample data can be taken with confidence.

Tentative plans for future inspection, which will be conducted at a feasible time, are to complete a thorough sampling and geologic mapping program in the open pitted area. Sampling will also be done with the aim of obtaining representative material for metallurgical tests.

We suggest that Mr. Ellis or Elstone be asked to submit a map of the pit indicating the position of samples taken during the mining operation.

Distribution:
Nickelson
Docket
USBM (1)

U. S. DEPT OF THE INTERIOR
GEOLOGICAL SURVEY

D.M.E.A. DOCKET NO. 2895

Surface Map Lucky Lead Mine Inc.
(Nonpariel Mine) Granite Co., Montana

0 40 80 120 Feet