DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 766X

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

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

Routing Slip

To:	Coord Committee	Date	Aug 1
To:	Reports + Records	Date	AUG 6 1951
To:	P.E. Div.	Date	11/19/51
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

Call
~~Write~~ field team
Suggesting drilling program
If drilling is sucessful then Stage II
should be inaugurated consisting of
drifting & cross cutting + possibly raising.
Size drilling AX, EX
? 2 shifts daily drilling
Diamond Drilling Costs
Contract @ $5.00 per foot
Equipment rental $.38
supervision $1.50

Called Holmes Dec 3. - The company
have crosscut an additional 50' and have
encountered no mineralization. They now
plan waiting until spring and concentrating
on bulldozing and surface work. Suggested
asking applicant to resubmit proposal
on basis of diamond drilling from the
X cut

Possible withdrawal ?

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11-30	Weeks	

NOV 30 1972

Mr. Dale F. Farr
3600 Casa Grande
Las Vegas, Nevada 89102

Re: Docket No. DMA-766 (Lead-Zinc)
Knob Hill Mine
Elko County, Nevada

Dear Mr. Farr:

As requested in your letter of November 15, 1972 we are enclosing copies of the report and maps submitted by the Long Canyon Mining Company in connection with their application for an exploration loan on the subject property.

Sincerely yours,

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's reading file
Mineral Resources
OME reading file
Region II
Mr. Weeks

RWeeks:cac 11/29/72

November 9, 1972

Farr

Kirk:

Mr. G. W. Barnes (702) 732-1891, called on behalf of a Mr. Dale Pharr, 3600 Casa Grande, Las Vegas, Nevada 89102, saying that Mr. Pharr would like to get a geological report written by Robert Reeves on the Long Canyon Mining Company during DMEA days. Mr. Pharr was the owner then, and still is, of the mine.

Colo. school of Mines Golden Colo.

I didn't tell him that would have to write a letter -- but I did ask for a phone number and he gave me the above. Also, I asked whether he had a docket number, and he said he did not.

I looked up "Long Canyon Mining Company," also "Dale Pharr" and found no cross-reference for either one.

I told Mr. Barnes that you would probably phone him tomorrow.

Grace

November 14, 1972

Mr. Barnes called today from Las Vegas and will write Kirkemo a letter.

O. N. R.
RECEIVED
NOV 21 1972
INITIALS CO. F
120

November 15, 1972

Mr. Harold Kirkemo
Chief of Mineral Explorations
U S Geological Survey
Washington, D. C. 20242

REF: Per our conversation November 14, 1972
regarding Long Canyon Mining Company

Attn: Harold Kirkemo:

I spoke to Mr. Rosco Smith of your Menlo Park Division. He said that they have the files on Long Canyon Mining Company and the number is DMEA-766. I would like to have the geological and engineering reports of said Company. I was owner at the time of the reports and I am also the owner today.

I would appreciate your attention to this matter and thanking you in advance for your help.

Sincerely,

Dale F. Farr

Dale F. Farr
3600 Casa Grande
Las Vegas, Nevada 89102

DFF:dw

FILE COPY
SURNAME:

Keating

500

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

OCT 1 1952

Mr. Archie P. Farr, President
Long Canyon Mining Co., Inc.
2784 Jefferson Avenue
Ogden, Utah

Re: Docket No. DMA-766 (Lead-Zinc)
Knob Hill Mine, Elko, Nevada

Dear Mr. Farr:

This office wrote you August 27, 1952, requesting information as to your plans regarding your request for an exploration loan. To date we have received no reply to that letter, and assume that you are no longer interested in receiving exploration assistance from the Government. Therefore, your docket is being removed from the active file and sent to the closed files.

If in the future it should develop that you again wish to make application for exploration assistance, we will be pleased to consider your request.

Sincerely yours,

C. O. Mittendorf (fw)
Administrator

10-1-52

AGKeating/bjl (written 9/30/52)

Copy to: Docket
Adm. Read. File
Op. Committee
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Region III (2)
Chron.

Docket

FILE COPY
SURNAME:

500

Keating
MKeller

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

AUG 27 1952

Mr. Archie P. Farr, President
Long Canyon Mining Co., Inc.
2784 Jefferson Avenue
Ogden, Utah

Re: Docket No. DMEA-766 (Lead-Zinc)
Knob Hill Mine, Elko, Nevada

Dear Mr. Farr:

A review of our files indicates that your application has been inactive for an extended period. In a letter of March 11, 1952, Mr. A. C. Johnson, Chief of the Mining Division, Region III, Reno, Nevada, made inquiry as to whether you were still contemplating further work on your project under exploration assistance from the Government. So far as we can learn, no answer has been received to this communication.

Will you be kind enough to advise this office, within the next thirty days, if you plan to proceed with this project. If we do not hear from you, it will be assumed that you are no longer interested and your file will be closed.

Sincerely yours,

G. D. Mitchell (for) 8.27.52

Acting Administrator

AGKeating/mb
August 26, 1952
Copy to: Docket ✓
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Region III (2)
Chron

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.

August 18, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA 766X (Lead-Zinc), Long Canyon Mining Company, Elko County, Nevada

Reference is made to your subject letter, dated August 5, concerning advice as to whether the application should be withdrawn or if the applicant is still planning to proceed with the work.

Mr. A. C. Johnson advises me that no reply has been received by him to date to his February 29, 1952 letter to the applicant. Mr. Johnson recommends that the application be withdrawn from the active files. We are leaving it to you to advise the applicant.

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

Copy to E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/22

REFERRED TO:

1. Kellw R 2616
2. ~~Hastings~~ 8/25/54
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

Frank E. Johnson
(FEJ) *Initials of sender.*

GPO 16—63815-1

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.

August 18, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA 766X (Lead-Zinc), Long Canyon Mining Company, Elko County, Nevada

Reference is made to your subject letter, dated August 5, concerning advice as to whether the application should be withdrawn or if the applicant is still planning to proceed with the work.

Mr. A. C. Johnson advises me that no reply has been received by him to date to his February 29, 1952 letter to the applicant. Mr. Johnson recommends that the application be withdrawn from the active files. We are leaving it to you to advise the applicant.

E. C. MILLER

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

Copy to E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada

500

FILE COPY
SURNAME:

Keating

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

AUG 5 1952

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

Re: Docket No. DMA-766X (Lead-Zinc)
Long Canyon Mining Company
Nevada

Dear Mr. Miller:

A review of our files indicates that the above-numbered application has been inactive for an extended period. In such cases it frequently develops that certain applications should be revised, withdrawn, or the file closed.

Under date of February 29, 1952, Mr. A. C. Johnston, Chief of the Mining Division, Reno, Nevada, wrote the Applicant requesting advice as to whether the application would be withdrawn or if it was still planned to proceed with the work. So far as we can learn, no answer to Mr. Johnston's inquiry has been received.

Usually in such cases we have advised the Applicant that unless a response has been received within thirty days, it would be assumed that the Applicant was no longer interested, and the file closed. Would you be kind enough to inform us regarding this matter.

Sincerely yours,

8/5/52

(signed) FRANK E. JOHNSON
(2B)
Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

A. M. Lemmon
Member, Geological Survey

AGKeating/mb
July 30, 1952
cc to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Keating
Mr. Bishop
Mr. McKnight
Region III
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
P. O. BOX 1551
RENO, NEVADA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 17 1952

March 11, 1952

Mr. D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration
Washington 25, D. C.

Re: Docket DMA 766X
Long Canyon Mining Co.

Dear Mr. Moulds:

This will acknowledge your letter of March 3 relative to a revised exploration project on the Long Canyon Mining Company's property in Elko County, Nevada.

The Long Canyon Mining Company has not sent in a revised application for exploration work. Under date of February 29, the following letter was sent to Mr. Farr, relative to his application for a Government loan to do exploration work:

"It was my understanding in December that your company planned on withdrawing your original application for an exploration loan on your Long Canyon Mining Co.'s property in Elko County, Nevada.

"To date we have had no information to the effect that you have withdrawn the original application and submitted a revised application for work on your property based on recommendations that had been made by Robert Reeves of the U. S. Geological Survey and Victor E. Kral.

"It will be appreciated if you will advise this office what action has been taken and if you are still contemplating further work on the property under an exploration loan from the Government."

To date, there has been no answer to this letter.

Sincerely yours,

A. C. Johnson

A. C. Johnson, Chief
Mining Division
Region III

March 11, 1952

Mr. D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration
Washington 25, D. C.

Re: Docket DMA 766X
Long Canyon Mining Co.

Dear Mr. Moulds:

This will acknowledge your letter of March 3 relative to a revised exploration project on the Long Canyon Mining Company's property in Elko County, Nevada.

The Long Canyon Mining Company has not sent in a revised application for exploration work. Under date of February 29, the following letter was sent to Mr. Farr, relative to his application for a Government loan to do exploration work:

"It was my understanding in December that your company planned on withdrawing your original application for an exploration loan on your Long Canyon Mining Co.'s property in Elko County, Nevada.

"To date we have had no information to the effect that you have withdrawn the original application and submitted a revised application for work on your property based on recommendations that had been made by Robert Reeves of the U. S. Geological Survey and Victor E. Kral.

"It will be appreciated if you will advise this office what action has been taken and if you are still contemplating further work on the property under an exploration loan from the Government."

To date, there has been no answer to this letter.

Sincerely yours,

A. C. Johnson, Chief
Mining Division
Region III

FILE COPY
SURNAME:

Moulds

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

MAR 3 195

Mr. A. C. Johnson, Chief
Mining Division, Region III
P. O. Box 1551
Reno, Nevada

Re: Docket DMA 766X
Long Canyon Mining Co.

Dear Mr. Johnson:

Review of the subject docket and your memorandum of December 10, 1951 indicates that the company will present a modified exploration proposal and also desires early consideration so that work can be started as soon as weather permits.

We do not have any record of later correspondence and so will appreciate information as to the present status of the application.

Sincerely yours,

D. E. Moulds

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration

DEMoulds/hmj
3-3-52
CC to: Adm. R. File
Docket File Copy
Mr. McKnight
Mr. Bishop
Region V

IN REPLY REFER TO:

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

February 7, 1952

Re: DMA-766
Long Canyon Mining Company
Mine in Elko County, Nevada
$30,000
Lead, zinc

Memorandum

To: Mr. D. E. Moulds

From: Mr. E. T. McKnight

Subject: Form MF-201, Subordination Agreement

Returned herewith are 5 copies of MF-201 and the covering letter from the Long Canyon Mining Company. We are informed that the field team sent in a memo on December 10, saying the company will submit a new exploration proposal.

Edwin T. McKnight

Edwin T. McKnight
Geologist

Attachment

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

February 7, 1952

Re: DMA-766
Long Canyon Mining Company
Mine in Elko County, Nevada
$30,000
Lead, zinc

Memorandum

To: Mr. D. E. Moulds

From: Mr. E. T. McKnight

Subject: Form MF-201, Subordination Agreement

Returned herewith are 5 copies of MF-201 and the covering letter from the Long Canyon Mining Company. We are informed that the field team sent in a memo on December 10, saying the company will submit a new exploration proposal.

Edwin T. McKnight

Edwin T. McKnight
Geologist

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
P. O. BOX 1551
RENO, NEVADA

DEPARTMENT OF THE INTERIOR
RECEIVED
DEC 1 2 1951
Defense Minerals Administration,
Production Expansion Division.

December 10, 1951

Memorandum

To: C. O. Mittendorf, Acting Administrator, DMA, Washington, D.C.

From: Chief, Mining Division, Region III

Subject: Docket DMA-766X - Long Canyon Mng. Co., Elko County, Nev.

In accordance with the telephone request on December 3 from your office relative to the exploration application of the Long Canyon Mng. Co., Elko County, Nev., Docket DMA-766X, requested changes in the proposed plan of exploration were discussed today by the DMEA field team (Robert G. Reeves, U.S.G.S. and George H. Holmes, Jr., U.S.B.M.) by telephone with Mr. Archie P. Farr, Ogden, Utah, president of the company.

New geologic evidence necessitates a change in the exploration plan. The mineralized zone turns sharply to the southeast from the upper working area requiring additional surface work to determine its strike and dip. The relation of the ore body with the 300 level crosscut would be determined by shaft sinking.

The company will withdraw its original application and submit a new exploration request which will comprise bulldozer trenching, continuance of the No. 1 incline shaft on the mineralized zone for approximately 150 feet, and exploration drifts from this shaft. If justified by this work, a raise will be driven at company expense from the 300-level crosscut to the mineralized zone. No exploration will be done from the crosscut.

Heavy snow at the property prevents any work until early Spring but the company wishes to submit the application for consideration at this time so that work can be started as soon as weather permits.

George H. Holmes, Jr.
for A. C. Johnson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1951

MF-50

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 12-12-51

REFERRED TO:

1. ~~Code 500 - Rm 4090~~
2. Reports & Records
3.
4.

FOR:

---------- Action	---------- Recommendation
---------- Approval	---------- Record of ----------
---------- Comment	---------- Referring to ----------
---------- Conference	---------- Reply for signature of ----------
✓ Consideration	---------- Rewriting
---------- Filing	---------- Signature
---------- Instructions	---------- Suggestions
---------- Investigation	---------- Your information
---------- Initials	
---------- Mailing	
---------- Previous correspondence	

REMARKS: ----------

Check (X) before the items needing attention.

Adams (AL)
Initials of sender.

GPO 16—63815-1

UNITED STATES 530
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 27 1951
Defense Minerals Administration,
Production Expansion Division.

November 14, 1951

Memorandum

LERO-2 INC

To: Exploration Branch, Supply Division, DMA - 766

From: Chief, Housing and Utilities Branch, Requirements Division, DMA

Subject: Access Road Application - Docket AR-92, Long Canyon Mining Co., Inc., Nye County, Nevada

We have received a report from Mr. H. C. Miller, Executive Officer of DMA Field Team, Region III, on the above subject access road stating that he has transmitted his official report on DMA-766X, on the same company and recommends that the access road application be held in abeyance until decision is reached on the exploration loan application. We are therefore holding this application and will appreciate being advised as to the action taken on the exploration loan.

Stanley M. Walker

Stanley M. Walker

DMA
RECEIVED
NOV 2 0 1951

OFFICE OF THE ADMINISTRATOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON D. C.

NOV 13 9 17 AM '51

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

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

Office of
Executive Officer
DMA Field Team
Region III

November 6, 1951

Memorandum

To: Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-766X - Lead-Zinc - Long Canyon Mining Company, 2784 Jefferson Avenue, Ogden, Utah.

Reference is made to your subject "Review of Application for Exploration Assistance", dated August 6.

Attached are four copies of a report, "DMA-766X, Long Canyon Mining Company, Elko County, Nevada", by George H. Holmes, Jr. mining engineer, Bureau of Mines, and R. G. Reeves, geologist, U. S. Geological Survey, dated October 12, 1951.

According to the examining engineer and geologist, the possibility of a downward extension of the mineralized zone is feasible and exploration has been planned to explore the mineralized area from the lower adit.

The engineer and geologist believe the best way to explore the property would be to continue the lower adit to determine if the ore continues at depth. However, if this work should prove to be negative, a series of diamond drill holes totaling approximately 1,000 feet should be drilled upward from the lower adit to explore for the downward continuity of the mineralized zone. Indications of a downward continuance of mineralization by diamond drilling would be followed by raising from the lower adit to the point of contact of the mineralization and subsequent sub-level drifting along the vein to adequately explore the mineralized zone.

The drilling program has been designed to intersect the mineralized zone at 100-foot intervals down dip below the upper workings and to cover a 100-foot strike length. In the event that no mineralization was found by the diamond drilling, this phase of the work would terminate the project.

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11-17-49

REFERRED TO:
1. Base Metals
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	✓ Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS:

Check (X) before the items needing attention.

Initials of sender.

O. E. C.

GPO 16—63815-1

The program laid out for the exploration of the Long Canyon Mining Company in Elko County, Nevada, seems to the Region III Field Team to be a logical procedure.

The docket and correspondence relating to this docket are being returned herewith.

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

Attachments

Copy to: E. H. Bailey, USGS

LONG CANYON MINING CO.

2784 Jefferson Avenue

Ogden, Utah

35

Sept. 13, 1951

U. S. Department of Interior

Defence Minerals Administration

Interior Building

Washington 25, D. C.

Re: Docket No. D M A 766 X

Gentlemen:

In accordance with the instruction of Mr. H. C. Miller, Executive Officer D M A Field Team, Region III, I am sending five copies of Form M.F. 201 Mortgagee's Subordination agreement for your files.

Very truly yours,

LONG CANYON MINING CO, INC.

BY Dan J. Christiansen

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
SEP 17 8 54 AM '51
SEP 17 1951

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9-17-57

REFERRED TO:

1. Code 550
2.
3.
4.

FOR:

- ---------- Action
- ---------- Approval
- ---------- Comment
- ---------- Conference
- ---------- Consideration
- ---------- Filing
- ---------- Instructions
- ---------- Investigation
- ---------- Initials
- ---------- Mailing
- ---------- Previous correspondence
- ---------- Recommendation
- ---------- Record of ----------
- ---------- Referring to ----------
- ---------- Reply for signature of ----------
- ---------- Rewriting
- ---------- Signature
- ---------- Suggestions
- ---------- Your information

REMARKS:

Check (X) before the items needing attention.

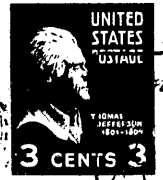
R. E. ADAMS

GPO 16—63815-1

R. E. C.
Initials of sender.

ROBERT L. WANGSGARD
2781 Jefferson Ave.
OGDEN, UTAH

OGDEN
SEP 13
3 30 PM
1951
UTAH



U. S. Department of Interior
Defence Minerals Administration
Interior Building
Washington 25, D. C.

The program laid out for the exploration of the Long Canyon Mining Company in Elko County, Nevada, seems to the Region III Field Team to be a logical procedure.

The docket and correspondence relating to this docket are being returned herewith.

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

Attachments

Copy to: E. H. Bailey, USGS

LONG CANYON MINING CO.

2784 Jefferson Avenue

Ogden, Utah

35

Sept. 13, 1951

U. S. Department of Interior

Defence Minerals Administration

Interior Building

Washington 25, D. C.

Re: Docket No. D M A 766 X

Gentlemen:

In accordance with the instruction of Mr. H. C. Miller, Executive Officer D M A Field Team, Region III, I am sending five copies of Form M.F. 201 Mortgagee's Subordination agreement for your files.

Very truly yours,

LONG CANYON MINING CO, INC.

BY [signature]

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

SEP 17 8 54 AM '51

SEP 17 1951

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9-17-57

REFERRED TO:

1. Code 050
2.
3.
4.

FOR:

- ---------- Action
- ---------- Approval
- ---------- Comment
- ---------- Conference
- ---------- Consideration
- ---------- Filing
- ---------- Instructions
- ---------- Investigation
- ---------- Initials
- ---------- Mailing
- ---------- Previous correspondence
- ---------- Recommendation
- ---------- Record of ----------
- ---------- Referring to ----------
- ---------- Reply for signature of ----------
- ---------- Rewriting
- ---------- Signature
- ---------- Suggestions
- ---------- Your information

REMARKS:

Check (X) before the items needing attention.

R. E. ADAMS

GPO 16—63815-1

R. E. C.
Initials of sender.

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

KNOB HILL; JAMES No. 1; JAMES No. 2; BROWN No 1; BROWN No 2; JAMES No. 3; JAMES No. 4; JAMES No. 5; HENRY No. 1; HENRY No. 2; HENRY No. 3; HENRY No. 4; HENRY No 6;

upon that certain parcel of ground described in a certain Exploration Project Contract dated ....., 195...., between THE LONG CANYON MINING CO. INC. .....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11th day of September, 1951

P G James

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

KNOB HILL; JAMES No1; JAMES No. 2; BROWN No. 1; BROWN No. 2; JAMES No. 3; JAMES No. 4; JAMES No. 5; HENRY No1; HENRY No. 2; HENRY No. 3; HENRY No. 4; HENRY No. 6;

upon that certain parcel of ground described in a certain Exploration Project Contract dated

....., 195...., between THE LONG CANYON MINING CO. INC.

.....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11th day of September, 1951

P. G. James

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

KNOB HILL; JAMES No. 1; JAMES No. 2; BROWN No. 1; BROWN No. 2. JAMES No. 3; JAMES No. 4; JAMES No. 5; HENRY No. 1; HENRY No. 2; HENRY No. 3. HENRY No. 4; HENRY No. 6;

upon that certain parcel of ground described in a certain Exploration Project Contract dated ....., 195...., between THE LONG CANYON MINING CO. INC. .....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11th day of September, 1951

P. G. James

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

KNOB HILL; JAMES No. 1; JAMES No. 2; BROWN No. 1; BROWN No. 2; JAMES No. 3; JAMES No. 4; JAMES No. 5; HENRY No. 1; HENRY No. 2; HENRY No. 3; HENRY No. 4; HENRY No. 6;

upon that certain parcel of ground described in a certain Exploration Project Contract dated

....., 195...., between THE LONG CANYON MINING CO., INC.

.....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11th day of September, 1951

P. J. James

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

MF-201
(June 1951)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the holder of a mortgage, claim, lien, or encumbrance identified and described as follows*:

KNOB HILL; JAMES No. 1; JAMES No 2; BROWN No. 1; BROWN No. 2; JAMES No. 3; JAMES No. 4; JAMES No. 5; HENRY No. 1; HENRY No. 2; HENRY No. 3; HENRY No. 4; HENRY No. 6;

upon that certain parcel of ground described in a certain Exploration Project Contract dated

....., 195...., between THE LONG CANYON MINING CO., INC.

.....,

and the United States of America;

NOW, THEREFORE, the undersigned does by these presents subordinate all of his right, title, and interest in said mortgage, claim, lien, or encumbrance to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights under the provisions of said mortgage, claim, lien, or encumbrance; and

The undersigned agrees to commit no act nor assert any right, title, or interest under said mortgage, claim, lien, or encumbrance that might contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 11th day of September, 1951

P. G. James

*Include date of the instrument, and if recorded, book, page, and county of record.

U. S. GOVERNMENT PRINTING OFFICE 16—64581-2

Refer to	Noted	Date
Answered		

DEPARTMENT OF INTERIOR
BUREAU OF MINES
RECEIVED
AUG 31 1951
SAN FRANCISCO, CALIFORNIA

AUG 6 1951

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

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 766X

Commodity Lead-zinc

Applicant Long Canyon Mining Company, 2784 Jefferson Ave.
Ogden, Utah

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
Nov 13 3 17 PM '51

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 766X

Commodity Lead-zinc

Total Amount $30,000

Govt. Participation 50%

1. Name and Address of Applicant Long Canyon Mining Company, 2784 Jefferson Ave., Ogden, Utah

2. Location of Property Knob Hill Claim, Ruby Range 11 miles southeast of Lee, Elko County, Nevada

3. Mineral or metal Lead-zinc-silver Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination X

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Should be requested of applicant

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Questionable

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes (c)

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Questionable

_____

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

10. Exhibit A.

350 ft. of drifting and crosscutting at $30.00/ft.	$ 10,500
100 ft. of raising at $40.00/ft.	4,000
400 ft. of diamond drilling at $5/ft.	2,000
Equipment, drills, etc.	10,000
Road	3,500
	$ 30,000

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Don't know not sufficiently detailed

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Don't know

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Don't know

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? _____

c) Is the schedule excessive for the work proposed? _____

d) Are the proposed wages and salaries reasonable? _____

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Don't know

b) Sufficient data? No

c) Reasonable? Don't know

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Don't know

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Erwin J. Lyons GS

Date 7-31-51

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME:

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

Lyons (ETW)
McKnight
O'Leary
(Cox Mote)
Billingsley
Merrill

AUG 6 1951

Re: Docket DMA-766X

Long Canyon Mining Company
2784 Jefferson Avenue
Ogden, Utah

Gentlemen:

Your application for a loan to explore the Knob Hill Claim in Elko County, Nevada, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration and has been referred to Mr. H. C. Miller, Executive Officer, DMA Field Team, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for further information and advice.

Very truly yours,

SIGNED By 8/6
Tom Lyon, Director
Supply Division

EJLyons:emp
G 8-1-51
Copies to H. C. Miller, Region III (2)
Chief, Lead-Zinc Branch
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

AUG 6 1951

Ref: Locset [illegible]-7664

[illegible] Mining Company
27[illegible] Jefferson Avenue
[illegible], Utah

Gentlemen:

Your application for a [illegible] to explore the [illegible] Hill [illegible] County, Nevada, has been reviewed by the [illegible] Bureau of the [illegible] Administration and has been referred to Mr. [illegible] Miller, Executive Officer, [illegible] Field Office, 1015 Flood Building, 870 Market Street, San Francisco 2, California, for further information and service.

Very truly yours,

SIGNED

[illegible] Lyon, Director
Supply Division

bJLyonsrsm,
7 6-1-51
Copies to Mr. C. Miller, Region [illegible] (2)
Chief, Manual-Line Branch
Mr. [illegible] Cunningham [illegible]
Mr. H. Soto
Reports & Records
Mirror re file [illegible]
3rd re file [illegible]
Files

McKnight
O'LEARY
(FOR MATE)

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

AUG 6 1951

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 766X

Commodity Lead-zinc

Applicant Long Canyon Mining Company, 2784 Jefferson Ave.
Ogden, Utah

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

Mr. Billings

LONG CANYON MINING CO.

2784 Jefferson Avenue

Ogden, Utah

July 17, 1951

U. S. Department of Interior

Defense Minerals Administration

Washington 25, D. C.

Attention: Mr. Otto Herres,
Chief, Lead Zinc Branch

Re: Exploration Loan
D. M. A.-766X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1951
LANDON F. STROBEL
Executive Secretary

Dear Mr. Herres,

We have received information from your department that our application for an exploration loan was referred to you on May 23, 1951.

We are very interested in getting some action taken on this loan as soon as possible. We would like to get the loan through quickly so that we may continue our drilling and reach our objective this summer, before Winter is upon us.

Any help you may be able to give us in expediating this loan will be sincerely appreciated.

Very truly yours,

LONG CANYON MINING COMPANY

By Dean J. Christiansen

Dean J. Christiansen.

JUL 23 1951

L

FILE COPY
SURNAME:

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

June 18, 1951

Mr. Harry J. Eldredge, Secretary
2784 Jefferson Avenue
Ogden, Utah

Subject: DMA-766X
Re: Exploration Loan

My dear Mr. Eldredge:

Receipt is acknowledged of your application and attachments for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-766X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on May 23, 1951.

In any future correspondence relating to your application, kindly refer to DMA-766X.

Sincerely yours,

LANDON F. STROBEL
Landon F. Strobel jc
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Herres
Lyon

Lanne 766

856

Dma - file

LONG CANYON MINING COMPANY

2784 Jefferson Avenue

Ogden, Utah

Dma 766x

June 14, 1951

acknowledged 6/18/51

Dr. James Boyd, Deputy Administrator

Defense Minerals Administration

Department of Interior

Washington 25, D. C.

Dear Dr. Boyd:

Some 4 weeks ago we filed an application for Government Loan with your department, but it was not directed to you personally. Would you please check your files for these applications. If they are being processed would you please acknowledge receipt of the application. If you are unable to find them would you please make a search of the Defense Minerals Administration of the Department of the Interior and notify us of your results.

We would sincerely appreciate your cooperation in expediating this loan.

Very truly yours,

LONG CANYON MINING COMPANY

Dean J. Christiansen

By Dean J. Christiansen

Dma 766

FILE COPY
SURNAME:

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

APR 12 1951

Lyons
McKnight
Herres
Wing

In reply please
refer to DM-706

Mr. Harry J. Eldredge
Long Canyon Mining Company, Inc.
2704 Jefferson Avenue
Ogden, Utah

Dear Mr. Eldredge:

One of the purposes of the Defense Production Act of 1950 is the encouragement of exploration, development and mining of strategic minerals and metals. Where an applicant has proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances.

The program recently approved for encouragement of exploration of strategic materials calls for participation on the part of the applicant. For zinc, lead and copper deposits it will be necessary to match Government funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be canceled if unsuccessful. The details of the plan, explaining the projects that will be eligible for assistance, the terms and schedules of financing, repayment, and other pertinent information, are enclosed.

A review of your application (DM-766) for financial aid in development of your properties in Elko County, Nevada indicates that your proposal may be considered under this exploration program. Details concerning expenditures that will be considered chargeable to exploration aid will be subject to a final determination by negotiation, but as a preliminary appraisal, we believe that the program will apply to your entire request of $30,000.00.

Before we can proceed further with consideration of your application, which may or may not require a field examination, please indicate your willingness to provide your share of the funds needed to carry out the proposed exploration. Any modification of your original proposal that you may wish to make will be considered, but you should be specific concerning the work you wish to undertake.

Very truly yours,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

E.J. Lyons:mw
G 3/21/51
Copies to: Chief, Lead-Zinc Br.
USGS McKnight
L. B. Moon
R. H. Mote

Enclosures

Strobel
Mittendorf
Files
2 copies to H.C. Miller
Region III

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-766 X

Date received 5/21/51

Participation

Long Canyon Mining Co. Inc.
2784 Jefferson Ave.
Ogden, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $30,000.00

Mineral or metal Lead - Zinc

Percentage of Government participation

Location of mine Elko County, Nevada

Date of filing MF-100

DMA Docket Number, if available Dma-766 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. Mortgage to P. G. James $48,299.43
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See NSRD 246
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

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

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

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Lead-Zinc

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 6 Months

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Long Canyon Mining Corp. (Name of company) By Archie P. Farr (Signature of authorized official)

May 14, 1951 (Date) President (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. DEPARTMENT OF THE INTERI
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-766X

Date received 5/21/51

Long Canyon Mining Company, Inc.
2784 Jeff. Ave.
Ogden, Utah

Name and address of applicant

Date

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Lead-Zinc
   (*b*) What are the byproducts, if any? Silver
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Archie P. Farr	President D	None					
Dale F. Farr	Vice-Pres. D	None					
Harry J. Eldredge	Secty.Treas.D	None					
Louis Farr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Bingham	Director	None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	Lead		99.14	dry tons	
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. 500 Ton per Month

12. Ore or Mineral Reserves: Report is Previously Submitted.

(a) Describe the ore or mineral deposit briefly. Accompany the application by an available report on the geology and ore reserves.

LONG CANYON MINING COMPANY INC.

2784 Jefferson Ave.

Ogden, Utah

A Nevada Corporation

1- Materials Produced:
(a) Lead-zinc ores.
(b) Silver

2- Mine-underground-vein. Air power from Deisel and gasoline compressors. Drilling by leyner drills 3" and jackhamer-stoper.
Previous Name Nob Hill
On or near surface upper workings early mining was done on surface from out crops-winzes- and lateral headings over a 300' length. (Refer to Report by L. A. Walker Submitted)
(a)————
(b) As of December when work was shut-down due to contractors leaving and not returning-a total of 1048' of drifting and cross-cutting had been completed on new project toward projection of vein at 300' depth below upper or old workings.
By projection we are very close to objective.
Natural drainage-only small amount of water making just sufficient for drilling purposes.

3- Long Canyon Mining Company property is situated in Ruby Range, on south fork of Humboldt River, Elko County Nevada. Lee is postoffice- distant eleven miles. to south-east property lies on North flank of mountain in what is called Long Canyon.
Water and timber abundant.
Unorganized District.
Property forty one miles from Elko Nevada.

4- Property is now in operation by company.
(b) Owner-but work to date since deep development started has been by contract with supervision by company.

5- Property was first located in 1920. No record of production prior to company organization in late 1948. At time Archie Farr now president of Long Canyon Co. took this property over shipment of 99.14 tons of ore was made-net value $8,758.02.
This production from upper workings.
Since fall of 1949 all work has been in advancing lower tunnel for deeper development.
It is estimated that property will be in production within six months. Such production should be at rate of three to five hundred ton per month.

6- The company president and secretary are both business men of Ogden Utah as are the directors. Mr. Farr and two sons have been actively interested in and operating mining properties for use. Mr. Eldredge, company secretary is handling the finances with direct auditing by a C.P.A. at above adress.
In addition to an experienced mine-foreman-all work has been and will be checked and work outlined by a consulting mining engineer. Such check will be made at least once a month.

Rma 766 (Sup.)

856

#2- L.C.M.C. Inc.

7- History-
Located in 1920. Some production prior to 1948 when property purchase was made from James of Salt Lake City Utah.
Production since 1948 (upper workings) 99.14 ton-net value $8,758.02
(a)Upper development consisted of about 130 ' inclines; 200' laterals; and 35' vertical shaft. Also open trenches and cuts. This work open with exception of 35' shaft.
(b)American Beauty property adjoining to north is credited with production of at least a million dollars prior to 1900. Galena King to west has produced some hi-grade lead ores. To the south and adjoining a property is now being developed on lead-zinc ore.
(c)Report previously submitted in 1950 to A. C. Johnson, Chief of Mining Division-U. S. Bureau of Mines-Division or Region 111-Reno, Nevada. Copy of this report was made and is now on file.
Metallurgically this ore is easily amenable to ordinary concentration and flotation. But ore grade is expected that will allow direct shipment.

12- Mineral Showing-sulfide-makes as a fissure vein in silicious limestone with a calcitic gangue. Strike is NW-SE with dip fairly steep to SW. Sedimentary beds can be followed on surface for about 1500' and up to 300' in width. Country rock is granitic.
(Report previously submitted.)
No ore estimated-but dumps at upper workings show about 300 ton mineralization carrying from 10-15% lead and up to seven % zinc. This was sorted out and stock-piled for future milling as at that time such ores would not pay cost and treatment of haulage, freight and smelter.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) None					
Indicated (probable) None					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

[illegible] miles to Elko, Nevada

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

South Fork of Humboldt River

15. Power:

State amount of power used, reference hours and source thereof.

Compressor 220 cu.ft. Diesel- 105 cu.ft. Compressor Gasoline.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

2-Miners- 2 Muckers

17. Equipment and Facilities:

220 & 105 cubic foot compressors- Layners 2, Jackhammers 1; Drill Steel, Tanks, Pipe, Rail, Mine Cars, Jumbo, Etc.

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

Compboarding house- 2 cabins equipment as above.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Long Canyon Mining Co. Inc
(Name of company)

By Archie P. Farr
(Signature of authorized official)

May 14, 1951
(Date)

President
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

ROBERT L. WANGSGARD
2781 Jefferson Ave.
OGDEN, UTAH

OGDEN
SEP 13
3 30 PM
1951
UTAH

UNITED STATES POSTAGE
3 CENTS 3

U. S. Department of Interior
Defence Minerals Administration
Interior Building
Washington 25, D. C.

Dma - 766

Form NSRB-146
(Nov. 1950)

UNITED STATES GOVERNMENT

FORM APPROVED
BUDGET BUREAU NO. 25-R002

APPLICATION FOR GOVERNMENT LOAN UNDER SEC. 302 OF DEFENSE PRODUCTION ACT OF 1950

AMOUNT OF LOAN REQUESTED: $30,000.00

TERMS OF LOAN REQUESTED:

DATE OF APPLICATION:

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State):
Long Canyon Mining Company, Inc.
2784 Jefferson Ave.
Ogden, Utah

TO BE FILLED IN BY DELEGATE AGENCY

(DATE RECEIVED)

COMM.

AGRIC.

INT.

D.T.A.

FILE NO.

INSTRUCTIONS

Application should be filed with the Department of Commerce, Department of Agriculture, Department of Interior, or the Defense Transport Administration, whichever has the primary interest in the facilities, products, or processes involved. However, for convenience of the applicant, he may file with any government agency with which he has contract or other pertinent relationships and such agency will arrange for the transmittal of the application to the appropriate office.

Submit four (4) signed copies of the application. Name and address of applicant should be stamped or typed for identification of each sheet of the application and all accompanying papers. When a question is inapplicable, this should be so stated on the form. Additional sheets may be attached in answering any questions or in providing other supporting information.

1. PURPOSE OF LOAN

Give a brief general statement of the purpose of the loan requested, including in the table below estimated amounts for such major purposes as land acquisition, building construction, purchase of plant, purchase of equipment, working capital, repayment of debt, etc. Statement should make clear whether funds will be used for expansion of capacity, development of technological processes, or production of essential materials.

General Statement

Loan requested for continuation of exploration program as follows: Underground drifting, cross-cuts, raising and diamond drilling. Surface building repairs and replacement. Equipment Purchase. Road Repairs. Engineering Etc.

NATURE OF EXPENDITURE	AMOUNT
Development drifting, X cuts, raising	15,500
Diamond Drilling	5,000
Buildings	1,000
Road Repairs	3,500
Equipment	3,000
Engineering	2,000
Total amount applied for	30,000

Dma 766 (Rev)

256

2. **PROPOSED METHOD FOR REPAYMENT OF LOAN**

State sources of funds, and proposed schedule of repayment

By Percentage royalty on net smelter returns on production.

3. **NATURE OF BUSINESS AND DESCRIPTION OF PROJECT**

Describe fully the business activity for which the funds are intended. In so doing, identify the materials and services to be produced, describe the facilities and processes involved, and explain in detail any research activity and the nature of the results expected. Attach blueprints and specifications, if available, and furnish other technical details to the extent that they are not covered elsewhere in the application.

Mining company organized in December 1948. On and near surface Strong Pb-Zn mineralization developed to incline depth of 80' over a length of 300'. As deep development only will determine mineralization continuation-tunnel (X cut) to cut projection of vein at 300 ' depth started in fall of 1949 and as of Dec. 31, 1950 was in a distance of 955' with siding's and laterals bringing total to 1048'.

Objective close to vein projection.

4. **Relationship to National Defense.** Explain carefully how the expenditure of the funds will contribute to national defense. As a part of such explanation, the following questions should be answered to the extent possible:

(a) What evidence exists as to current shortages of the materials or services to be produced?

Demand and known reported shortages of lead and zinc.

(b) What evidence exists as to future shortages of the materials or services to be produced?

World conditions

(c) Are such shortages, if any, regional or national in scope?

National.

(d) In what respects will the use of the funds aid directly in expediting the carrying out of government defense contracts? (A listing of defense contracts, if any, held by applicant is required in item 8 below.)

Metals Produced.

4. Relationship to National Defense - Continued

(e) In what respects will the use of the funds aid indirectly in expediting the carrying out of government defense contracts or related operations?

Funds will immediately be used in exploration campaign

(f) Are there available alternative methods or facilities to accomplish the same purpose as that for which these funds are intended? (For instance, unused capacity, possibility of multiple shift operations, idle facilities, readily convertible equipment, sub-contracting?) If answer is yes, explain why alternatives are not used.

No

5. Maximum Designed Production

List separately materials or services identified in item 3 (a)	Unit of measure (b)	Maximum designed production with existing facilities (c)	Average percentage of maximum designed production used in quarter preceding filing of application (d)	Maximum designed production including use of funds applied for (e)
Lead	15-20%	500 ton/Mo	none	500 ton/Mo.
Zinc	10%			

6. Employment

(a) Number currently employed at location(s) where funds are to be used. (Use pay period ending nearest 15th of month preceding filing of application.)

4

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

4 Men

(2) Multiple shift operation (specify how many shifts).

2 shift 9 men

(c) Estimated additional employees required by the use of the funds applied for.

5

7. Timing

(a) On what date(s) are the requested funds needed?

Monthly order six months period

(b) On what expected date(s) will applicant begin to use such funds and obtain output from the use of such funds? Wherever possible, give planned schedule of output.

Should be in production within six months.

8. Output from the use of funds applied for will be for the following purposes:
a. For the following principal prime defense contracts (if any) with the United States Government:

Date of contract (a)	Contracting Government Agency (b)	Program symbol (2 digits) or other contract identification (c)	Materials or services (d)	Delivery date(s) (e)	Amount *(Dollars)* (f)

b. For the following subcontracts (if any) with U.S. Government prime defense contractors:

Date of contract (a)	Materials or services (b)	Supplied to *(Give name and address of firm)* (c)	Delivery date(s) (d)	(e) Government agency receiving end product or services (f) Program symbol (2 digits) or other contract identification	Amount *(Dollars)* (g)
				(e) (f)	
				(e) (f)	
				(e) (f)	

c. For the following classes or types of customers not covered by contracts listed above (list materials or services to be provided and, wherever possible, also indicate final product use):

Ores produced will be consigned to Smelter in Salt Lake Valley, Utah

9. **Feasibility**

(a) Estimate anticipated requirements for manpower, equipment, raw materials, energy, fuel, transportation facilities, water supply, housing, community facilities, and other factors of production, for (1) preparation of the facilities and (2) actual operation thereof. (The estimates may be limited to those factors of substantial significance to the preparation and operation of the facilities for which the funds are intended.)

1- 4 to 9 men in completing exploration.

2- 15 Men.

(b) Discuss and evaluate the availability of each of the above factors in the area(s) where the funds will be used.

Labor Ample--Elko, Nevada

10. The following applications for necessity certificates for tax amortization (Under Section 124A of the Internal Revenue Code) for facilities at the location(s) covered by this application have been filed since January 1, 1950.

Date of application (a)	Government file number (b)	(Estimated) Total of facilities in dollars on each application (c)	(d) If final action has been taken, give date of	
			Issuance	Denial
Refer to Application giving date of enclosed letter application to A. C. Johnson. Reno, Nev. Bureau of Mines.				
	(Report was submitted)			

11. **Recent Efforts to Obtain Credit**

(a) Banks— List names and addresses of all Banks of Deposit of Applicant within the last 5 years: *(Mark with an asterisk (*) bank or banks in which deposits are now kept)*

Commercial Security Bank, Ogden, Utah
Funds so far expended from sale of stock

11. **Recent Efforts to Obtain Credit** - Continued

(b) State efforts to obtain credit, within 60 days preceding date of application, from banks, the Reconstruction Finance Corporation, or other sources, results, and reasons if refused. (NOTE. – Section 302 of the Defense Production Act of 1950 states that a loan may be extended "only to the extent that it is not otherwise available on reasonable terms." Accordingly, Applicant should show that it has applied to each bank named in (a) above, or explain the reason for not doing so. The fact that a loan of the particular maturity and terms applied for is refused by a bank or banks is not sufficient to comply with the statute, if credit on reasonable terms is available. State whether a bank will participate in the loan, and if so, state name of bank and amount of participation. Full particulars must be given.) List the names and addresses of banks and other lending institutions to which applications for credit have been made, and in each case state date of application, amount of credit available, if any, maximum term for which credit is available, what consideration, if any, was given to possible guarantee of loan under Federal Reserve Regulation V, and reason for refusal or reason loan was not obtained. Indicate whether or not application was definitely refused for further credit on any basis.

12. What other forms of government financial assistance, if any, have been received or requested by the applicant in connection with the purposes of the loan herein applied for? If applicant plans to request such assistance in the future, give details.

None

13. **HISTORY, MANAGEMENT, LEASED AGREEMENTS, INSURANCE, ETC.**

These subjects should be fully covered in statements attached hereto. Outline past management experience or other basis for showing competence of the Applicant to perform in accordance with expressed purpose of the application. If plant was purchased, state price, form and terms of payment, date of purchase, from whom and under what circumstances purchase was made. If it is proposed to construct or acquire new facilities (including equipment), state estimated cost and basis of such estimate, form and terms of payment, and from whom purchases of facilities will be made. State whether Applicant, or the business or plant, has been in receivership, bankruptcy, Chapter X, XI or XII, in hands of creditors, committee, or whether Applicant has effected a compromise with creditors, and if so, discuss fully. Indicate whether business is conducted in leased premises and whether any facilities are leased from others and describe terms of any lease agreements. List type and amount of insurance carried on plant property. Describe briefly any pending or threatened litigation affecting Applicant.

14. NAMES AND ADDRESSES OF OFFICERS, DIRECTORS, OR PARTNERS, AND IN ADDITION THERETO, THE FIVE LARGEST STOCKHOLDERS IF A CORPORATION.

NAME AND ADDRESS (a)	Official title (If officer is also director indicate by "D") (b)	Total of annual salary, commissions, bonuses, etc., received from Applicant and affiliates during last fiscal year (c)	Estimated net worth outside of Applicant (d)	Number of shares held in applicant: Common (e)	Number of shares held in applicant: Preferred (f)	Life insurance carried for benefit of Applicant: Amount (g)	Life insurance carried for benefit of Applicant: Net cash surrender value after loans (h)
Archie P. Farr	President D	None					
Dale P. Farr	Vice-President D	None					
Harry J. Eldredge	Secy. Treas. D	None					
Lewis Farr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Bingham	Director	None					
Mrs. B. G. Boan	None	None					
Mrs. Geddes D. Brown	None	None					
	Total		x x x x x			x x x	x x x

15. CAPITAL STOCK ISSUES

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par value (c)	Number of shares outstanding (d)	Dividend rate last paid (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

16. PURCHASE AND SALES RELATIONS WITH OTHERS

Does Applicant buy from, sell to, or use the services of, any concern or partnership in which an officer, director, large stockholder, or partner of the Applicant has a substantial interest? If not, so state. If so, give names of such officers, directors, stockholders, and partners, and names of such concerns or partnerships.

No

Does any officer, director, large stockholder, or partner of Applicant receive any commission, bonus, or other payment in cash or services from any concern or partnership with which Applicant has business dealings? If not, so state. If so, give names of such officers, directors, stockholders, or partners and amounts of such commissions, bonuses, or payments.

No

17. COMPENSATION SCHEDULE

INSTRUCTIONS: The schedule shall show the amount of compensation being paid to all employees of Applicant receiving compensation at a rate in excess of $10,000 per annum, including employees paid on a part-time basis where the rate of compensation exceeds $10,000 per annum computed on a full-time basis. If Applicant is a corporation, the schedule should show the compensation, regardless of amount, being paid to all officers, directors, and such stockholders as have an interest in Applicant's business of 10 percent or more. If Applicant is a partnership, the schedule should show the compensation being paid to, or being withdrawn by, all partners for their personal use. If Applicant is an individual, the schedule should show the amount being withdrawn by Applicant for his personal use. In each case the listed person's connection with the business should be indicated (i.e., whether an officer, director, stockholder, partner, owner, etc.). The calendar basis for the compensation should likewise be shown. Attorneys or firms of attorneys on a regular retainer or salary basis should be included. The schedule should include a separate notation indicating the source and amount of any compensation being paid by a company or firm directly or indirectly controlling, affiliated with, or controlled by, Applicant. If the space provided herein is insufficient, the schedule should be continued on the reverse side or appropriate continuation sheets should be attached.

17. COMPENSATION SCHEDULE - Continued

The term "compensation", as used herein and such schedule, shall include all salaries, fees, bonuses, commissions, retainers, regular drawing accounts, and other payments, direct or indirect, in money or otherwise, for personal services.

Name (a)	Position (b)	Compensation paid during previous fiscal year (c)	Present compensation (d)
None			

18. COLLATERAL

(a) The applicant offers the following described collateral as security for repayment of the loan applied for.

Description (a)	Date acquired (b)	Cost (c)	Book Value (Net) (d)	Appraised* value (e)
Property now held:				
To be acquired:				

* This column need be filled in only if a recent appraisal has been made. If so, identify appraiser below.

Name (a)	Title (b)	Date (c)

(b) Describe existing liens, if any, on property listed above.

EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of March 31, 1951

(Date not more than 30 days prior to date of application)

ASSETS

CURRENT ASSETS			
1. Cash			1,507.23
2. Notes receivable		$	
Less reserve for doubtful notes			
3. Accounts receivable:			
Current	$ 100.00		
Past due not over 4 months			
Past due over 4 months		$ 100.00	
Less reserve for doubtful accounts			100.00
4. Inventories:			
Raw materials	$		
Work in process			
Finished goods		$	
Less reserve for inventory losses			
5. Other current assets (describe)			
TOTAL CURRENT ASSETS			$
FIXED AND OTHER ASSETS			
6. Plant used in business:			
Land	$ 51,218.16		
Buildings. Tunnel	26,173.30		
7. Machinery	19,716.03		
8. Equipment, furniture, and fixtures		97,107.49	
Less reserve for depreciation		5,699.64	91,407.85
9. ~~Investments: Stocks and bonds~~ Organization Expense			9,718.85
10. Investments in affiliated companies			
11. Receivables due from affiliated companies			
12. Real estate not used in business			
13. Due from officers, directors, employees, stockholders			
14. Deferred charges			
15. Other assets. Mine Lease & Development			86,147.46
TOTAL ASSETS			188,081.39

LIABILITIES

CURRENT LIABILITIES			
16. Notes payable (see schedule 1, page 10):			
Banks		$	
Trade creditors			
Officers, stockholders, relatives			
Insurance companies			$
17. Accounts payable			None
18. Other current liabilities:			
Delinquent taxes: Real estate		$	
Delinquent taxes: Federal			
Wages and salaries			
Due officers			
Accrued interest, rent, taxes, wages, etc			
TOTAL CURRENT LIABILITIES			$ None
FIXED AND OTHER LIABILITIES			
19. Machinery liens			2,200.00
20. Mortgage debts (see schedule 2, page 10)			48,299.43
21. Bonds or debentures (see schedule 2, page 10)			
22. Other liabilities			
NET WORTH			
23. Common stock (if Applicant is incorporated)		162,162.80	
24. Preferred stock (if Applicant is incorporated)	(Deficit	(23,780.84)	
25. Surplus (if Applicant is incorporated)			138,381.96
26. Capital and Surplus Account (if Applicant is partnership or individual)			
TOTAL LIABILITIES			188,881.39
27. Contingent liabilities (explain)			$

NOTE. – Submit copy of last available audit or of financial statement at close of last fiscal period (if such date differs from date of above statement).

SCHEDULE I - Notes Payable (in detail)

Name and address	Maturity	Amount	State amount and character of collateral	Name of guarantor(s) and/or endorser(s)

SCHEDULE 2 - Mortgage Debt (real estate and/or chattels) or Bond Issue

Names and addresses of holders	Date of maturity	Interest rate	Unpaid principal amount	Date to which interest is paid
P. G. James			$48,299.43	
Gardner Denver Co. Salt Lake City, Utah			2,200.00	
TOTAL	X X X X X X X	X X X X X X	$50,499.43	X X X X X X X X X X X X X X X X

If mortgage secures a bond issue, state whether bonds are principally held by management and/or stockholders or by others, and attach copy of mortgage indenture.

EXHIBIT B - CONDENSED COMPARATIVE STATEMENT OF INCOME AND EXPENSES

For years ended _____
(Insert date of end of fiscal year)
(000.00 omitted)

	(Figures for 3 preceding years) 19	19 49	19 50	Current year as of date of Exhibit A
1. Net sales		1,615.77	none	None
2. Cost of goods sold				None
3. Gross profit on sales (line 1 minus line 2)		1,615.77	None	None
4. Other income (itemize)				
5. Total (line 3 plus line 4)		1,615.77	None	None
6. Salaries (officers or partners)*				
7. Selling and all other expenses		13,343.52	4,381.65	1,971.80
8. Total of lines 6 and 7		13,343.52	4,381.65	1,971.80
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)		(11,727.75)	(4,381.65)	(1,971.80)
10. Depreciation		2,849.82	2,849.82	
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)		(14,577.57)	(7,231.47)	(1,971.80)
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period (deficit)		None	(14,577.57)	(21,809.04)
14. Net profit or loss for period		(14,577.57)	(7,231.47)	(1,971.80)
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss		(14,577.57)	(21,809.04)	(23,780.84)
Add:				
16. Surplus paid in during period				
17. Surplus resulting from revaluation of assets				
18. Other additions to surplus (itemize)				
19. Total of lines 15 to 18, inclusive		(14,577.57)	(21,809.04)	(23,780.84)
Deduct:				
20. Dividends				
21. Other charges to surplus (itemize)				
22. Total of lines 20 and 21				
23. Surplus at end of period (line 19 less line 22), MUST AGREE WITH SURPLUS AS SHOWN IN BALANCE SHEETS		(14,577.57)	(21,809.04)	(23,780.84)

* To include all payments of any kind (commissions, bonuses, withdrawals) to officers or partners.

NOTE—If years included in the above tables are not adequately representative of applicant's financial experience, information may be submitted for additional years.

EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended December 31
(Insert date of end of fiscal year)

(000.00 omitted. Use figures to nearest thousand. For instance, the figure $3,489.36 should be written as 3; the figure $3,689.36 should be written as 4)

ASSETS	(Figures for 3 preceding years) 19	1949	1950	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash		13	1	2
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:				
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.		14	14	20
Delivery equipment				
Real estate and buildings used in business		60	80	77
6. Other assets (as investments, real estate not used in business, etc.):				
Organization Expense		10	10	10
Hire Lease & Development		86	95	95
TOTAL ASSETS		183	191	195
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable		5	8	
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts		45	40	50
13. Debentures				
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation		3	6	6
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)		144	158	162
18. Preferred stock (issued) (if Applicant is incorporated)		(15)	(22)	(26)
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES		182	190	194

NOTE— If years included in the above table are not adequately representative of applicant's financial experience, condition statements may be submitted for additional years.

EXHIBIT D

AGREEMENT AS TO COMPENSATION FOR SERVICES RENDERED OR TO BE RENDERED TO APPLICANT IN CONNECTION WITH APPLICATION AND/OR LOAN

To induce the United States Government and its agencies to make a loan under Sec. 302 of the Defense Production Act of 1950 to _____ (hereinafter called "Applicant") and in consideration of the making of a loan to Applicant, the undersigned, having been retained by Applicant for the purpose of rendering professional or other services in connection with its application for a loan or loans, hereby represents, warrants, and agrees that the undersigned has not been paid, has not made any agreement with the Applicant to be paid, and has not procured any person to pay or agree to pay, and will not, directly or indirectly, charge or receive any bonus, fee, or commission in any form in connection with the said application for, or the obtaining of, the loan applied for by the Applicant, or any compensation in any form for services rendered or to be rendered in connection therewith except for the services and in the amounts stated below:

Name	Description of services	Amount paid	Amount to be paid
None		$	$

To induce the making of the loan and the employment of the undersigned by Applicant, the undersigned hereby further warrants, covenants and agrees, upon the consideration herein specified, and in consideration of the employment of the undersigned by Applicant, as above recited, that if the amount of compensation stated above for any such services shall not be deemed reasonable by any agency of the United States Government, the undersigned will reduce the charge for such services to such amount as shall be deemed reasonable by such agency, and will not, directly or indirectly, charge or collect from the Applicant or any other person, any sum in excess of the amount so deemed reasonable; and that if the undersigned has heretofore collected, from the Applicant or any other person, as compensation for any such services, any amount deemed by such agency to be unreasonable, the undersigned will refund to Applicant or such other person such sums as are in excess of the amount deemed reasonable. The undersigned further warrants, covenants and agrees that if the amount of the compensation for any such services is not determinable at the date of application, or is not stated above, it will not collect or charge any sum as compensation for such services without the prior written approval of the Government agency with which this application is officially filed as to the nature of the services for which such compensation is to be paid and the amount of such compensation.

Archie P. Farr

Witness: Dean J. Christensen

Address of witness: Ogden, Utah

Dated May 14, 1951, 19____

NOTE—Corporations must execute foregoing certificate in corporate name, by duly authorized officer, and seal must be affixed and duly attested; partnerships must execute in firm name, together with signature of a general partner. If no compensation is paid or to be paid for services rendered in connection with application or loan, this should be so stated and the Applicant should sign this Exhibit.

CERTIFICATION

The Applicant hereby certifies that the statements made in the foregoing application, and all exhibits and documents submitted in connection therewith, are true and correct statements to the best of Applicant's information and belief and are submitted as a basis for credit. The Applicant agrees to reimburse any agency of the United States Government upon demand for any expenses incurred in connection with or arising out of this application or any loan made pursuant hereto.

Dated May 14, 1951, 19____

Witness: _____ (For individual applicants) _____ (Signature)

Witness: _____ (For partnership applicants) _____ (Full name of firm)

By _____ (Signature), a general partner.

(For corporate applicants)

(CORPORATE SEAL)

Long Canyon Mining Company, Inc.
(Full corporate name of Applicant)

Attest: _____ (Signature), _____ (Title)

By Archie P. Farr (Signature) (Title)

The United States Criminal Code, 18 U.S.C., Sec. 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: 1950 O - 916171

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-766X

Date received 5/21/51

Participation

Long Canyon Mining Co. Inc.
2784 Jefferson Ave.
Ogden, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $30,000.00

Mineral or metal Lead - Zinc

Percentage of Government participation

Location of mine Elko County, Nevada

Date of filing MF-100

DMA Docket Number, if available DMA-766X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the propert Mortgage to P. G. James $48,299.43
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statemen See NSRD 146
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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

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

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

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Lead-Zinc

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 6 Months

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Long Canyon Mining Co. Inc. (Name of company) By Archie P. Zar (Signature of authorized official)

May 14 1951 (Date) President (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-766X

Date received 5/21/51

Long Canyon Mining Company, Inc.
2784 Jeff. Ave.
Ogden, Utah

Name and address of applicant

Date

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Lead-Zinc
   (*b*) What are the byproducts, if any? Silver
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Archie P. Farr	President D	None					
Dale F. Farr	Vice-Pres. D	None					
Harry J. Eldredge	Secty.Treas.D	None					
Lewis Farr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Bingham	Director	None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	Lead		99.14	dry tons	
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. 500 Ton per Month

12. Ore or Mineral Reserves: Report Previously Submitted.

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

LONG CANYON MINING COMPANY INC.

2784 Jefferson Ave.

Ogden, Utah

A Nevada Corporation

1- Materials Produced:
(a) Lead-zinc ores.
(b) Silver

2- Mine-underground-vein. Air power from Deisel and gasoline compressors. Drilling by leyner drills 3" and jackhamer-stoper.
Previous Name Nob Hill
On or near surface upper workings early mining was done on surface from out crops-winzes- and lateral headings over a 300' length. (Refer to Report by L. A. Walker Submitted)
(a)————
(b) As of December when work was shut-down due to contractors leaving and not returning-a total of 1043' of drifting and cross-cutting had been completed on new project toward projection of vein at 300' depth below upper or old workings.
By projection we are very close to objective.
Natural drainage-only small amount of water making just sufficient for drilling purposes.

3- Long Canyon Mining Company property is situated in Ruby Range, on south fork of Humboldt River, Elko County Nevada. Lee is postoffice- distant eleven miles. to south-east property lies on North flank of mountain in what is called Long Canyon. Water and timber abundant.
Unorganized District.
Property forty one miles from Elko Nevada.

4- Property is now in operation by company.
(b) Owner-but work to date since deep development started has been by contract with supervision by company.

5- Property was first located in 1920. No record of production prior to company organization in late 1948. At time Archie Farr now president of Long Canyon Co. took this property over shipment of 99.14 tons of ore was made-net value $8,758.02. This production from upper workings.
Since fall of 1949 all work has been in advancing lower tunnel for deeper development.
It is estimated that property will be in production within six months. Such production should be at rate of three to five hundred ton per month.

6- The company president and secretary are both business men of Ogden Utah as are the directors. Mr. Farr and two sons have been actively interested in and operating mining properties for use. Mr. Eldredge, company secretary is handling the finances with direct auditing by a C.P.A. at above adress.
In addition to an experienced mine-foreman-all work has been and will be checked and work outlined by a consulting mining engineer. Such check will be made at least once a month.

#2- L.C.M.C. Inc.

7- History-
Located in 1920. Some production prior to 1948 when property purchase was made from James of Salt Lake City Utah.
Production since 1948 (upper workings) 99.14 ton-net value $8,758.02
(a)Upper development consisted of about 130 ' inclines; 200' laterals; and 35' vertical shaft. Also open trenches and cuts. This work open with exception of 35' shaft.
(b)American Beauty property adjoining to north is credited with production of at least a million dollars prior to 1900. Galena King to west has produced some hi-grade lead ores. To the south and adjoining a property is now being developed on lead-zinc ore.
(c)Report previously submitted in 1950 to A. C. Johnson, Chief of Mining Division-U. S. Bureau of Mines-Division or Region 111-Reno, Nevada. Copy of this report was made and is now on file.
Metallurgically this ore is easily amenable to ordinary concentration and flotation. But ore grade is expected that will allow direct shipment.

12- Mineral Showing-sulfide-makes as a fissure vein in silicious limestone with a calcitic gangue. Strike is NW-SE with dip fairly steep to SW. Sedimentary beds can be followed on surface for about 1500' and up to 300' in width. Country rock is granitic.
(Report previously submitted.)
No ore estimated-but dumps at upper workings show about 300 ton mineralization carrying from 10-15% lead and up to seven % zinc. This was sorted out and stock-piled for future milling as at that time such ores would not pay cost and treatment of haulage, freight and smelter.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) None					
Indicated (probable) None					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

41 miles to Elko, Nevada

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

South Fork of Humboldt River

15. Power:

State amount of power used, rate per hour, and source thereof.

Compressor 220 Cu.Ft. Diesel- 105 cu.ft. Compressor Gasoline.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

2-Miners- 2 Muckers

17. Equipment and Facilities: 220 & 105 cubic foot compressors- Leyners 2, Jackhammers 1; Drill Steel, Tanks, Pipe, Rail, Mine Cars, Jumbo, Etc.

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

Compboarding house- 2 cabins equipment as above.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Long Canyon Mining Co Inc
(Name of company)

By Archie P. Farr
(Signature of authorized official)

May 14, 1951
(Date)

President
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 766X

Commodity Lead-zinc

Total Amount $30,000

Govt. Participation 50%

1. Name and Address of Applicant Long Canyon Mining Company, 2734 Jefferson Ave., Ogden, Utah

2. Location of Property Knob Hill Claim, Ruby Range 11 miles southeast of Lee, Elko County, Nevada

3. Mineral or metal Lead-zinc-silver Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination X

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Does not apply

Does the lease have sufficient time to run to cover a future productive period? Does not apply

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Should be requested of applicant

b) MF-202

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Questionable

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes (c)

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Questionable

Is a field check needed on this point? Yes

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

10. Exhibit A.

350 ft. of drifting and crosscutting at $30.00/ft.	$ 10,500
100 ft. of raising at $40.00/ft.	4,000
400 ft. of diamond drilling at $5/ft.	2,000
Equipment, drills, etc.	10,000
Road	3,500
	$ 30,000

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Don't know not sufficiently detailed

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Don't know

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Don't know

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? _____

c) Is the schedule excessive for the work proposed? _____

d) Are the proposed wages and salaries reasonable? _____

e) Is a field check needed? Yes

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

SECRETARY'S MAIL CENTER
MAY 18 1951
INTERIOR DEPT.

DO NOT FILL IN THIS BLOCK

Docket No. Dma - 766 X

Date received 5/21/51

Participation

—Long Canyon Mining Co. Inc.
2784 Jefferson Ave.
Ogden, Utah

RECEIVED
1951

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $30,000.00

Mineral or metal Lead - Zinc

Percentage of Government participation

Location of mine Elko County, Nevada

Date of filing MF-100

DMA Docket Number, if available Dma-766X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property Mortgage to P. G. James $48,299.43
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See NSRD 146
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

MAY 23 1951 S

THE PROPERTY

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

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

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

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Lead-Zinc

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 6 Months

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Long Canyon Mining Co. Inc. (Name of company) By Archie P. Farr (Signature of authorized official)

May 14, 1951 (Date) President (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Mr. Herres

DEFENSE MINERALS ADMINISTRATION

Referral of Applications for Government Aid

Docket No. DMA-766

Commodity: lead

Name of Applicant: Long Canyon Mining Company, Inc. (Harry J. Eldredge, secretary)

Address of Applicant: 2784 Jefferson Avenue Ogden, Utah

Name of Property:

Location of Property: Elko County, Nevada

Nature of Application: Loan of $30,000

Action Dates

Application: No date shown

Received: 3/ 5/51

Acknowledged:

Referred to LEAD-ZINC Committee: 3/8/51

MAR 9 1951

P

A. C. Johnson, Chief
Mining Division,
U. S. Bureau of Mines
Region III
P. O. Box 1551,
Reno, Nevada

Long Canyon Mining Co. 2784 Jefferson Ave, Ogden, Utah,
per Harry J. Eldredge, Secretary.

Long Canyon Mining Company- Lee, Nevada.
Situate- Ruby Range, South Fork Humboldt River
Elko County, Nevada-- 11 Miles Southeast of Lee, Nevada
a total distance of 41 miles from Elko.
A Nevada Corporation.
Company incorporated late in 1948 by A. P. Farr and Associates of Ogden, Utah. 2,000,000 Shares capitalization- 500,000 shares to Farr & associates for their interest, efforts, and assets.

Shares have been sold at 20¢ per share to carry on development.
Metal- Pb-Zn-Au, Ag-

1- Mineral showing makes as a fissure vein in silicious limestone and calcitic gangue. Strike of sedimentary and vein N W -SE- with vein dip fairly steep to S.W. Sedimentary beds can be followed on surface approximately 1500' and up to 300 ' in width. Country rock is granitic.

2- By open cut and shallow workings, vein has been exposed over about 300' length and 80' incline depth.

3- Property located first in 1920. No record of production prior to 1948. Shipments of Farr which amounted to 99.14 dry ton net value $8,758.02.

4- Mine workings on or near surface consist of about 130 ' inclines, 200' Laterals and 35' vertical shaft. Together with open trenching and cuts.

5-6- Sampling assays and engineers report data as of Aug. 1949 on file your office is representative of present conditions as subsequent work has all been in driving lower tunnel (330' below out crop) toward vein projection. As of Nov. 2, 1950 last inspection trip and only a few days before heavy snows drove contractors out of canyon.-

Main heading advances	955'
Siding credit	19'
X Cut Westerly	74'
	1048'

Breast of heading in calcite and quartz gangue. Considerable yellow oxidation.
By projection and indications, breast is close to vein structure.

Since Aug. of 1949 when company directors placed property on a development basis, approximately $58,000 cash has been spent on this work. Money was raised by stock sale at 20¢ per share. No salaries paid to officers.

7- Equipment consisting of two compressors 105 and 216 Cu. Ft,: receivers, pipe, Vent tubing, rail, cars, drills, steel, and minor tools; also cook equipment etc. sufficient for crews of ten is on property.

8- Long Canyon Mining Company since incorporated in Nevada, Dec. 2, 1948 has spent approximately $58,000.00 on development, equipment and supplies. Development work has been carried on by contract, with monthly check on progress and geology by engineer.

In September 1949, Deputy U. S. Mineral Surveyor, Roger W. Sheridan made a survey of upper workings and spotted locations down the mountain for distance and course of proposed lower tunnels to intersect vein projection. It is from the 300' plus point that tunnel heading on course of So. 30° W is being advanced.

Assistance at this time is asked up to $30,000.00 for following work.

350 ' Drifts and X cuts	@ $30.00 per foot	$10,500.00
100 ' Raises	@ 40.00	4,000.00
400 ' Diamond Drilling		2,000.00
Equipment, Drills, Etc.		10,000.00
Road		3,500.00
Total		$ 30,000.00

It may not be necessary to expend total amount during the next six months, but with such backing it is felt property can be put into production on a fifty ton per day or 1250 ton per month basis. From sampling and previous crude shipments, ore grade should go 25% plus in lead.

Man power ample, but road work needs attention, it might be possible to get this work done by Forest Service.

I am enclosing two additional copies of this application in the event you find it necessary to send a copy to any other agency.

Yours truly,

LONG CANYON MINING CO.

Harry J. Eldredge

Harry J. Eldredge, Secretary.

14. Exhibit E (question 23-c)*

a) Is it applicable? Don't know

b) Sufficient data? No

c) Reasonable? Don't know

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Don't know

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Erwin J. Lyons GS

Date 7-31-51

INT.-DUP. SEC., WASH., D.C. 99009

Dma - 766

Form NSRB-146
(Nov. 1950)

UNITED STATES GOVERNMENT

APPLICATION FOR GOVERNMENT LOAN UNDER SEC. 302 OF DEFENSE PRODUCTION ACT OF 1950

FORM APPROVED
BUDGET BUREAU NO. 25-R002

AMOUNT OF LOAN REQUESTED
$30,000.00

TERMS OF LOAN REQUESTED

DATE OF APPLICATION

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State)
Long Canyon Mining Company, Inc.
2784 Jefferson Ave.
Ogden, Utah

TO BE FILLED IN BY DELEGATE AGENCY

(DATE RECEIVED)

COMM.

AGRIC.

INT.

D.T.A.

FILE NO.

INSTRUCTIONS

Application should be filed with the Department of Commerce, Department of Agriculture, Department of Interior, or the Defense Transport Administration, whichever has the primary interest in the facilities, products, or processes involved. However, for convenience of the applicant, he may file with any government agency with which he has contract or other pertinent relationships and such agency will arrange for the transmittal of the application to the appropriate office.

Submit four (4) signed copies of the application. Name and address of applicant should be stamped or typed for identification of each sheet of the application and all accompanying papers. When a question is inapplicable, this should be so stated on the form. Additional sheets may be attached in answering any questions or in providing other supporting information.

1. PURPOSE OF LOAN

Give a brief general statement of the purpose of the loan requested, including in the table below estimated amounts for such major purposes as land acquisition, building construction, purchase of plant, purchase of equipment, working capital, repayment of debt, etc. Statement should make clear whether funds will be used for expansion of capacity, development of technological processes, or production of essential materials.

General Statement

Loan requested for continuation of exploration program as follows: Underground drifting, cross-cuts, raising and diamond drilling. Surface building repairs and replacement. Equipment Purchase. Road Repairs. Engineering Etc.

NATURE OF EXPENDITURE	AMOUNT
Development drifting, X cuts, raising	15,500
Diamond Drilling	5,000
Buildings	1,000
Road Repairs	3,800
Equipment	3,000
Engineering	2,000
Total amount applied for	30,000

2. **PROPOSED METHOD FOR REPAYMENT OF LOAN**

State sources of funds, and proposed schedule of repayment

By Percentage royalty on net smelter returns on production.

3. **NATURE OF BUSINESS AND DESCRIPTION OF PROJECT**

Describe fully the business activity for which the funds are intended. In so doing, identify the materials and services to be produced, describe the facilities and processes involved, and explain in detail any research activity and the nature of the results expected. Attach blueprints and specifications, if available, and furnish other technical details to the extent that they are not covered elsewhere in the application.

Mining company organized in December 1948. On and near surface Strong Pb-Zn mineralization developed to incline depth of 80' over a length of 300'. As deep development only will determine mineralization continuation-tunnel (X cut) to cut projection of vein at 300' depth started in fall of 1949 and as of Dec. 31, 1950 was in a distance of 955' with sinking's and laterals bringing total to 1043'.

Objective close to vein projection.

4. **Relationship to National Defense.** Explain carefully how the expenditure of the funds will contribute to national defense. As a part of such explanation, the following questions should be answered to the extent possible:

(a) What evidence exists as to current shortages of the materials or services to be produced?

Recent and known reported shortages of lead and zinc.

Loan requested for continuation of exploration program as follows: Underground drilling, cross-cuts, raising and diamond drilling. Surface building repairs and replacements.

(b) What evidence exists as to future shortages of the materials or services to be produced?

World conditions

(c) Are such shortages, if any, regional or national in scope?

National.

Dev. Rep. and drilling, X cuts, raising	15,500
Diamond drilling	3,000
Buildings	1,500
Equipment	2,000
Working capital	2,000
	24,000

(d) To what extent will the use of the funds aid directly in expediting the carrying [illegible] government defense contracts? (A listing of defense contracts, if any, held by applicant is [illegible]d in item 8 below.)

Metals Produced.

30,000

4. Relationship to National Defense - Continued

(e) In what respects will the use of the funds aid indirectly in expediting the carrying out of government defense contracts or related operations?

Funds will finalistely be used in exploration campaign

(f) Are there available alternative methods or facilities to accomplish the same purpose as that for which these funds are intended? (For instance, unused capacity, possibility of multiple shift operations, idle facilities, readily convertible equipment, sub-contracting?) If answer is yes, explain why alternatives are not used.

No

5. Maximum Designed Production

List separately materials or services identified in item 3 (a)	Unit of measure (b)	Maximum designed production with existing facilities (c)	Average percentage of maximum designed production used in quarter preceding filing of application (d)	Maximum designed production including use of funds applied for (e)
Lead	Tons	500 tons/m	none	500 tons/m.
Zinc	Tons			

6. Employment

(a) Number currently employed at location(s) where funds are to be used. (Use pay period ending nearest 15th of month preceding filing of application.)

4

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

4 men

(2) Multiple shift operation (specify how many shifts).

2 shifts 9 men

(c) Estimated additional employees required by the use of the funds applied for.

5

7. Timing

(a) On what date(s) are the requested funds needed?

Monthly over six months period

(b) On what expected date(s) will applicant begin to use such funds and obtain output from the use of such funds? Wherever possible, give planned schedule of output.

Should be in production within six months.

8. Output from the use of funds applied for will be for the following purposes:

a. For the following principal prime defense contracts (if any) with the United States Government:

Date of contract (a)	Contracting Government Agency (b)	Program symbol (2 digits) or other contract identification (c)	Materials or services (d)	Delivery date(s) (e)	Amount *(Dollars)* (f)

b. For the following subcontracts (if any) with U.S. Government prime defense contractors:

Date of contract (a)	Materials or services (b)	Supplied to *(Give name and address of firm)* (c)	Delivery date(s) (d)	(e) Government agency receiving end product or services (f) Program symbol (2 digits) or other contract identification	Amount *(Dollars)* (g)
				(e) (f)	
				(e) (f)	
				(e) (f)	

c. For the following classes or types of customers not covered by contracts listed above (list materials or services to be provided and, wherever possible, also indicate final product use):

Ores produced will be consigned to Smelter in Salt Lake Valley, Utah

9. **Feasibility**

(a) Estimate anticipated requirements for manpower, equipment, raw materials, energy, fuel, transportation facilities, water supply, housing, community facilities, and other factors of production, for (1) preparation of the facilities and (2) actual operation thereof. (The estimates may be limited to those factors of substantial significance to the preparation and operation of the facilities for which the funds are intended.)

1- 4 to 9 men in completing exploration.

2- 15 men.

(b) Discuss and evaluate the availability of each of the above factors in the area(s) where the funds will be used.

Labor Supply--Elko, Nevada

10. The following applications for necessity certificates for tax amortization (Under Section 124A of the Internal Revenue Code) for facilities at the location(s) covered by this application have been filed since January 1, 1950.

Date of application (a)	Government file number (b)	(Estimated) Total of facilities in dollars on each application (c)	(d) If final action has been taken, give date of	
			Issuance	Denial
Refer to application giving date of enclosed letter application to				
A. C. Johnson. Reno, Nev. Bureau of Mines.				
	(Report was submitted)			

11. **Recent Efforts to Obtain Credit**

(a) Banks— List names and addresses of all Banks of Deposit of Applicant within the last 5 years: *(Mark with an asterisk (*) bank or banks in which deposits are now kept)*

Commercial Security Bank, Ogden, Utah
Funds so far expended from sale of stock

11. **Recent Efforts to Obtain Credit** - Continued

(b) State efforts to obtain credit, within 60 days preceding date of application, from banks, the Reconstruction Finance Corporation, or other sources, results, and reasons if refused. (NOTE.— Section 302 of the Defense Production Act of 1950 states that a loan may be extended "only to the extent that it is not otherwise available on reasonable terms." Accordingly, Applicant should show that it has applied to each bank named in (a) above, or explain the reason for not doing so. The fact that a loan of the particular maturity and terms applied for is refused by a bank or banks is not sufficient to comply with the statute, if credit on reasonable terms is available. State whether a bank will participate in the loan, and if so, state name of bank and amount of participation. Full particulars must be given.) List the names and addresses of banks and other lending institutions to which applications for credit have been made, and in each case state date of application, amount of credit available, if any, maximum term for which credit is available, what consideration, if any, was given to possible guarantee of loan under Federal Reserve Regulation V, and reason for refusal or reason loan was not obtained. Indicate whether or not application was definitely refused for further credit on any basis.

12. What other forms of government financial assistance, if any, have been received or requested by the applicant in connection with the purposes of the loan herein applied for? If applicant plans to request such assistance in the future, give details.

None

13. **HISTORY, MANAGEMENT, LEASED AGREEMENTS, INSURANCE, ETC.**

These subjects should be fully covered in statements attached hereto. Outline past management experience or other basis for showing competence of the Applicant to perform in accordance with expressed purpose of the application. If plant was purchased, state price, form and terms of payment, date of purchase, from whom and under what circumstances purchase was made. If it is proposed to construct or acquire new facilities (including equipment), state estimated cost and basis of such estimate, form and terms of payment, and from whom purchases of facilities will be made. State whether Applicant, or the business or plant, has been in receivership, bankruptcy, Chapter X, XI or XII, in hands of creditors, committee, or whether Applicant has effected a compromise with creditors, and if so, discuss fully. Indicate whether business is conducted in leased premises and whether any facilities are leased from others and describe terms of any lease agreements. List type and amount of insurance carried on plant property. Describe briefly any pending or threatened litigation affecting Applicant.

14. NAMES AND ADDRESSES OF OFFICERS, DIRECTORS, OR PARTNERS, AND IN ADDITION THERETO, THE FIVE LARGEST STOCKHOLDERS IF A CORPORATION.

NAME AND ADDRESS (a)	Official title (If officer is also director indicate by "D") (b)	Total of annual salary, commissions, bonuses, etc., received from Applicant and affiliates during last fiscal year (c)	Estimated net worth outside of Applicant (d)	Number of shares held in applicant		Life insurance carried for benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net cash surrender value after loans (h)
Archie P. Parr	President D	None					
Dale P. Parr	Vice-President D	None					
Harry J. Kilbridge	Secy. Treas. D	None					
Linda Parr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Hagins	Director	None					
Mrs. Z. J. Bean	None	None					
Mrs. Geddes D. Brown	None	None					
	Total		x x x x x			x x x	x x x

15. CAPITAL STOCK ISSUES

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par value (c)	Number of shares outstanding (d)	Dividend rate last paid (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

16. PURCHASE AND SALES RELATIONS WITH OTHERS

Does Applicant buy from, sell to, or use the services of, any concern or partnership in which an officer, director, large stockholder, or partner of the Applicant has a substantial interest? If not, so state. If so, give names of such officers, directors, stockholders, and partners, and names of such concerns or partnerships.

No

Does any officer, director, large stockholder, or partner of Applicant receive any commission, bonus, or other payment in cash or services from any concern or partnership with which Applicant has business dealings? If not, so state. If so, give names of such officers, directors, stockholders, or partners and amounts of such commissions, bonuses, or payments.

No

17. COMPENSATION SCHEDULE

INSTRUCTIONS: The schedule shall show the amount of compensation being paid to all employees of Applicant receiving compensation at a rate in excess of $10,000 per annum, including employees paid on a part-time basis where the rate of compensation exceeds $10,000 per annum computed on a full-time basis. If Applicant is a corporation, the schedule should show the compensation, regardless of amount, being paid to all officers, directors, and such stockholders as have an interest in Applicant's business of 10 percent or more. If Applicant is a partnership, the schedule should show the compensation being paid to, or being withdrawn by, all partners for their personal use. If Applicant is an individual, the schedule should show the amount being withdrawn by Applicant for his personal use. In each case the listed person's connection with the business should be indicated (i.e., whether an officer, director, stockholder, partner, owner, etc.). The calendar basis for the compensation should likewise be shown. Attorneys or firms of attorneys on a regular retainer or salary basis should be included. The schedule should include a separate notation indicating the source and amount of any compensation being paid by a company or firm directly or indirectly controlling, affiliated with, or controlled by, Applicant. If the space provided herein is insufficient, the schedule should be continued on the reverse side or appropriate continuation sheets should be attached.

17. **COMPENSATION SCHEDULE** - Continued

The term "compensation", as used herein and such schedule, shall include all salaries, fees, bonuses, commissions, retainers, regular drawing accounts, and other payments, direct or indirect, in money or otherwise, for personal services.

Name (a)	Position (b)	Compensation paid during previous fiscal year (c)	Present compensation (d)
None			

18. **COLLATERAL**

(a) The applicant offers the following described collateral as security for repayment of the loan applied for.

Description (a)	Date acquired (b)	Cost (c)	Book Value (Net) (d)	Appraised* value (e)
Property now held:				
To be acquired:				

* This column need be filled in only if a recent appraisal has been made. If so, identify appraiser below.

Name (a)	Title (b)	Date (c)

(b) Describe existing liens, if any, on property listed above.

EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of March 31, 1951
(Date not more than 30 days prior to date of application)

ASSETS

CURRENT ASSETS

1. Cash			1,507.23
2. Notes receivable		$	
Less reserve for doubtful notes			
3. Accounts receivable:			
Current	$ 100.00		
Past due not over 4 months			
Past due over 4 months		$ 100.00	
Less reserve for doubtful accounts			100.00
4. Inventories:			
Raw materials	$		
Work in process			
Finished goods		$	
Less reserve for inventory losses			
5. Other current assets (describe)			
TOTAL CURRENT ASSETS			$

FIXED AND OTHER ASSETS

6. Plant used in business:			
Land	$1,210.20		
Buildings Tunnel	26,173.30		
7. Machinery	19,716.03		
8. Equipment, furniture, and fixtures		$1,147.[illegible]	
Less reserve for depreciation		[illegible]	[illegible]
9. ~~Investments: stocks and bonds~~ Organization Expense			9,713.25
10. Investments in affiliated companies			
11. Receivables due from affiliated companies			
12. Real estate not used in business			
13. Due from officers, directors, employees, stockholders			
14. Deferred charges			
15. Other assets Mine Lease & Development			26,117.46
TOTAL ASSETS			188,081.39

LIABILITIES

CURRENT LIABILITIES

16. Notes payable (see schedule 1, page 10):			
Banks		$	
Trade creditors			
Officers, stockholders, relatives			
Insurance companies			$
17. Accounts payable			None
18. Other current liabilities:			
Delinquent taxes: Real estate		$	
Delinquent taxes: Federal			
Wages and salaries			
Due officers			
Accrued interest, rent, taxes, wages, etc.			
TOTAL CURRENT LIABILITIES			$ None

FIXED AND OTHER LIABILITIES

19. Machinery liens			2,200.00
20. Mortgage debts (see schedule 2, page 10)			48,299.43
21. Bonds or debentures (see schedule 2, page 10)			
22. Other liabilities			

NET WORTH

23. Common stock (if Applicant is incorporated)		162,[illegible]	
24. Preferred stock (if Applicant is incorporated) Deficit		(23,780.04)	
25. Surplus (if Applicant is incorporated)			138,301.96
26. Capital and Surplus Account (if Applicant is partnership or individual)			
TOTAL LIABILITIES			188,[illegible]

27. Contingent liabilities (explain)	$

NOTE.- Submit copy of last available audit or of financial statement at close of last fiscal period (if such date differs from date of above statement).

SCHEDULE I - Notes Payable (in detail)

Name and address	Maturity	Amount	State amount and character of collateral	Name of guarantor(s) and/or endorser(s)

SCHEDULE 2 - Mortgage Debt (real estate and/or chattels) or Bond Issue

Names and addresses of holders	Date of maturity	Interest rate	Unpaid principal amount	Date to which interest is paid
P. G. Jones			$48,299.43	
Gardner Denver Co. Salt Lake City, Utah			2,200.00	
TOTAL	X X X X X X X	X X X X X X	50,499.43	X X X X X X X X X X X X X X X X

If mortgage secures a bond issue, state whether bonds are principally held by management and/or stockholders or by others, and attach copy of mortgage indenture.

EXHIBIT B - CONDENSED COMPARATIVE STATEMENT OF INCOME AND EXPENSES

For years ended _____

(Insert date of end of fiscal year)

(000.00 omitted)

	(Figures for 3 preceding years) 19	1949	19 50	Current year as of date of Exhibit A
1. Net sales		1,615.77	none	None
2. Cost of goods sold				None
3. Gross profit on sales (line 1 minus line 2)		1,615.77	None	None
4. Other income (itemize)				
5. Total (line 3 plus line 4)		1,615.77	None	None
6. Salaries (officers or partners)*				
7. Selling and all other expenses		13,343.52	4,321.65	1,971.80
8. Total of lines 6 and 7		13,343.52	4,321.65	1,971.80
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)		(11,727.75)	(4,321.65)	(1,971.80)
10. Depreciation		2,849.82	2,849.82	
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)		(14,577.57)	(7,231.47)	(1,971.80)
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period (deficit)		None	(14,577.57)	(21,809.04)
14. Net profit or loss for period		(14,577.57)	(7,231.47)	(1,971.80)
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss		(14,577.57)	(21,809.04)	(23,780.84)
Add:				
16. Surplus paid in during period				
17. Surplus resulting from revaluation of assets				
18. Other additions to surplus (itemize)				
19. Total of lines 15 to 18, inclusive		(14,577.57)	(21,809.04)	(23,780.84)
Deduct:				
20. Dividends				
21. Other charges to surplus (itemize)				
22. Total of lines 20 and 21				
23. Surplus at end of period (line 19 less line 22), MUST AGREE WITH SURPLUS AS SHOWN IN BALANCE SHEETS		(14,577.57)	(21,809.04)	(23,780.84)

* To include all payments of any kind (commissions, bonuses, withdrawals) to officers or partners.

NOTE—If years included in the above tables are not adequately representative of applicant's financial experience, information may be submitted for additional years.

EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended December 31
(Insert date of end of fiscal year)

(000.00 omitted. Use figures to nearest thousand. For instance, the figure $3,489.36 should be written as 3; the figure $3,689.36 should be written as 4)

ASSETS	(Figures for 3 preceding years) 19	19 49	19 50	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash		13	1	2
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:				
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.		14	14	20
Delivery equipment				
Real estate and buildings used in business		60	80	77
6. Other assets (as investments, real estate not used in business, etc.):				
Organization Expense		10	10	10
Mine Lease & Developement		86	86	86
TOTAL ASSETS		183	191	195
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable		5	8	
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts		45	40	50
13. Debentures				
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation		3	6	6
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)		144	158	162
18. Preferred stock (issued) (if Applicant is incorporated)		(15)	(22)	(2)
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES		182	190	194

NOTE— If years included in the above table are not adequately representative of applicant's financial experience, condition statements may be submitted for additional years.

EXHIBIT D

AGREEMENT AS TO COMPENSATION FOR SERVICES RENDERED OR TO BE RENDERED TO APPLICANT IN CONNECTION WITH APPLICATION AND/OR LOAN

To induce the United States Government and its agencies to make a loan under Sec. 302 of the Defense Production Act of 1950 to _____ (hereinafter called "Applicant") and in consideration of the making of a loan to Applicant, the undersigned, having been retained by Applicant for the purpose of rendering professional or other services in connection with its application for a loan or loans, hereby represents, warrants, and agrees that the undersigned has not been paid, has not made any agreement with the Applicant to be paid, and has not procured any person to pay or agree to pay, and will not, directly or indirectly, charge or receive any bonus, fee, or commission in any form in connection with the said application for, or the obtaining of, the loan applied for by the Applicant, or any compensation in any form for services rendered or to be rendered in connection therewith except for the services and in the amounts stated below:

Name	Description of services	Amount paid	Amount to be paid
None		$	$

To induce the making of the loan and the employment of the undersigned by Applicant, the undersigned hereby further warrants, covenants and agrees, upon the consideration herein specified, and in consideration of the employment of the undersigned by Applicant, as above recited, that if the amount of compensation stated above for any such services shall not be deemed reasonable by any agency of the United States Government, the undersigned will reduce the charge for such services to such amount as shall be deemed reasonable by such agency, and will not, directly or indirectly, charge or collect from the Applicant or any other person, any sum in excess of the amount so deemed reasonable; and that if the undersigned has heretofore collected, from the Applicant or any other person, as compensation for any such services, any amount deemed by such agency to be unreasonable, the undersigned will refund to Applicant or such other person such sums as are in excess of the amount deemed reasonable. The undersigned further warrants, covenants and agrees that if the amount of the compensation for any such services is not determinable at the date of application, or is not stated above, it will not collect or charge any sum as compensation for such services without the prior written approval of the Government agency with which this application is officially filed as to the nature of the services for which such compensation is to be paid and the amount of such compensation.

Archie R Farr

Witness: Dean J. Christiansen

Address of witness: Ogden, Utah

Dated May 14, 1951, 19__

NOTE—Corporations must execute foregoing certificate in corporate name, by duly authorized officer, and seal must be affixed and duly attested; partnerships must execute in firm name, together with signature of a general partner. If no compensation is paid or to be paid for services rendered in connection with application or loan, this should be so stated and the Applicant should sign this Exhibit.

CERTIFICATION

The Applicant hereby certifies that the statements made in the foregoing application, and all exhibits and documents submitted in connection therewith, are true and correct statements to the best of Applicant's information and belief and are submitted as a basis for credit. The Applicant agrees to reimburse any agency of the United States Government upon demand for any expenses incurred in connection with or arising out of this application or any loan made pursuant hereto.

Dated May 14, 1951

Witness: _____ (For individual applicants)

_____ (Signature)

Witness: _____ (For partnership applicants)

_____ (Full name of firm)

By _____ (Signature), a general partner.

(For corporate applicants)

(CORPORATE SEAL)

Long Canyon Mining Company, Inc.
(Full corporate name of Applicant)

Attest: _____ (Signature), _____ (Title)

By Archie R. Farr (Signature), President (Title)

The United States Criminal Code, 18 U.S.C., Sec. 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: 1950 O - 916171

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

APR 12 1951

[illegible] 1951
[illegible]

[illegible]
[illegible] Inc.
27 [illegible]
[illegible], Utah

Dear Mr. [illegible]:

[illegible] of the purposes of the [illegible] Production Act of [illegible] is the encouragement of exploration, development and mining of strategic minerals and metals. Where an applicant has proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain [illegible] to financing in most instances.

[illegible] recently approved for each [illegible] of [illegible] of strategic materials calls for partial [illegible] on the part of the applicant. For zinc, lead and copper deposits it will be necessary to match Government funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be [illegible] if unsuccessful. The details of the plan, including the projects that will be eligible for assistance, the terms and methods of financing, [illegible], and other pertinent information, are enclosed.

[illegible] review of your application [illegible] for financing [illegible] development of your property in [illegible] County, [illegible] your proposal [illegible] considered under this exploration program. [illegible] that will be considered [illegible] exploration [illegible] by regulation, [illegible] preliminary [illegible], [illegible] believe that the program will apply to your [illegible] request [illegible].

[illegible] of your application [illegible] exploration, please indicate your willingness [illegible] of the funds needed to carry out the proposed exploration. Any modification of your original proposal [illegible] will be considered, but you should [illegible] concerning the part you wish to undertake.

Very truly yours,

Otto Herres

[illegible], Chief
[illegible] Branch

[illegible]
[illegible]/21/[illegible]
Copies to: [illegible]
[illegible]
[illegible]
Enclosures [illegible]

[illegible]trobel
[illegible]ittendorf
Files
2 copies to [illegible]
Region III

REGIONAL DIRECTOR

LANDON F. STROBEL
dmw 766

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

February 27, 1951

Memorandum

To: James Boyd, Administrator, Defense Minerals Administration, Washington, D. C.

From: Regional Director, Region III

Subject: Loan application of Long Canyon Mining Company, Harry J. Eldredge, Secretary, Elko County, Nevada

Attached is the application file for a loan by the Long Canyon Mining Company under the Defense Production Act of 1950. This application was sent to A. C. Johnson, Chief, Mining Division, Region III, Reno, Nevada, and forwarded to me for transmittal to you.

H. C. Miller
Regional Director, Region III

Attachment (File)

Copy to: A. C. Johnson, Reno

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region III

Nevada - California

P. O. Box 1551
Reno, Nevada

Memorandum

February 21, 1951

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
FEB 27 1951
SAN FRANCISCO, CALIFORNIA

To: H. C. Miller, Regional Director, Region III

From: Chief, Mining Division, Region III

Subject: Defense Loan under the Defense Minerals Administration for the Long Canyon Mining Company by Harry J. Eldredge, Secretary.

Enclosed is an application for a loan by the Long Canyon Mining Company under the Defense Minerals Administration. A report on this property was sent to this office by Mr. Eldredge under date of October 11, 1950. A copy of this report is enclosed with Mr. Eldredge's request for a loan.

A. C. Johnson

A. C. Johnson

Encl. (2)

Refer to	Noted	Date
	HCM	3-27
Answered		

REGIONAL DIRECTOR

LANDON F. CRORER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1415 U. S. APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

dmd
766
Reno
3/8/51

February 27, 1951

Memorandum

To: James Boyd, Administrator, Defense Minerals Administration, Washington, D. C.

From: Regional Director, Region III

Subject: Loan application of Long Canyon Mining Company, Harry J. Kldredge, Secretary, Elko County, Nevada

Attached is the application file for a loan by the Long Canyon Mining Company under the Defense Production Act of 1950. This application was sent to A. C. Johnson, Chief, Mining Division, Region III, Reno, Nevada, and forwarded to me for transmittal to you.

H. C. Miller
Regional Director, Region III

Attachment (File)

Copy to: A. C. Johnson, Reno

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-766X

Date received 5/21/51

Participation

Long Canyon Mining Co. Inc.
2784 Jefferson Ave.
Ogden, Utah

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $30,000.00

Mineral or metal Lead - Zinc

Percentage of Government participation

Location of mine Elko County, Nevada

Date of filing MF-100

DMA Docket Number, if available Dma-766X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property Mortgage to P. G. James $48,299.43
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement See NSRD 146
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Lead-Zinc
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 6 Months

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Long Canyon Mining Co. Inc. (Name of company) By Archie P. Fox (Signature of authorized official)

May 14, 1951 (Date) President (Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-766X

Date received 5/21/51

Long Canyon Mining Company, Inc.
2784 Jeff. Ave.
Ogden, Utah

Name and address of applicant

Date _____

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Lead-Zinc
   (*b*) What are the byproducts, if any? Silver
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Archie P. Farr	President D	None					
Dale F. Farr	Vice-Pres. D	None					
Harry J. Eldredge	Secty.Treas.D	None					
Lewis Farr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Bingham	Director	None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	Lead		99.14	dry tons	
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change. 500 Ton per Month

12. Ore or Mineral Reserves: Report is Previously Submitted.

(a). Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

LONG CANYON MINING COMPANY INC.

2784 Jefferson Ave.

Ogden, Utah

A Nevada Corporation

1- Materials Produced:
(a) Lead-zinc ores.
(b) Silver

2- Mine-underground-vein. Air power from Deisel and gasoline compressors. Drilling by leyner drills 3" and jackhamer-stoper.
Previous Name Nob Hill
On or near surface upper workings early mining was done on surface from out crops-winzes- and lateral headings over a 300' length. (Refer to Report by L. A. Walker Submitted)
(a)————
(b) As of December when work was shut-down due to contractors leaving and not returning-a total of 1048' of drifting and cross-cutting had been completed on new project toward projection of vein at 300' depth below upper or old workings.
By projection we are very close to objective.
Natural drainage-only small amount of water making just sufficient for drilling purposes.

3- Long Canyon Mining Company property is situated in Ruby Range, on south fork of Humboldt River, Elko County Nevada. Lee is postoffice- distant eleven miles. to south-east property lies on North flank of mountain in what is called Long Canyon. Water and timber abundant.
Unorganized District.
Property forty one miles from Elko Nevada.

4- Property is now in operation by company.
(b) Owner-but work to date since deep development started has been by contract with supervision by company.

5- Property was first located in 1920. No record of production prior to company organization in late 1948. At time Archie Farr now president of Long Canyon Co. took this property over shipment of 99.14 tons of ore was made-net value $8,758.02. This production from upper workings.
Since fall of 1949 all work has been in advancing lower tunnel for deeper development.
It is estimated that property will be in production within six months. Such production should be at rate of three to five hundred ton per month.

6- The company president and secretary are both business men of Ogden Utah as are the directors. Mr. Farr and two sons have been actively interested in and operating mining properties for use. Mr. Eldredge, company secretary is handling the finances with direct auditing by a C.P.A. at above adress.
In addition to an experienced mine-foreman-all work has been and will be checked and work outlined by a consulting mining engineer. Such check will be made at least once a month.

#2- L.C.M.C. Inc.

7- History-
Located in 1920. Some production prior to 1948 when property purchase was made from James of Salt Lake City Utah.
Production since 1948 (upper workings) 99.14 ton-net value $8,758.02
(a)Upper development consisted of about 130 ' inclines; 200' laterals; and 35' vertical shaft. Also open trenches and cuts. This work open with exception of 35' shaft.
(b)American Beauty property adjoining to north is credited with production of at least a million dollars prior to 1900. Galena King to west has produced some hi-grade lead ores. To the south and adjoining a property is now being developed on lead-zinc ore.
(c)Report previously submitted in 1950 to A. C. Johnson, Chief of Mining Division-U. S. Bureau of Mines-Division or Region 111-Reno, Nevada. Copy of this report was made and is now on file.
Metallurgically this ore is easily amenable to ordinary concentration and flotation. But ore grade is expected that will allow direct shipment.

12- Mineral Showing-sulfide-makes as a fissure vein in silicious limestone with a calcitic gangue. Strike is NW-SE with dip fairly steep to SW. Sedimentary beds can be followed on surface for about 1500' and up to 300' in width. Country rock is granitic.
(Report previously submitted.)
No ore estimated-but dumps at upper workings show about 300 ton mineralization carrying from 10-15% lead and up to seven % zinc. This was sorted out and stock-piled for future milling as at that time such ores would not pay cost and treatment of haulage, freight and smelter.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved) None					
Indicated (probable) None					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

41 miles to Elko, Nevada

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

South Fork of Humboldt River

15. Power:

State amount of power used, rate per hour, and source thereof.

Compressor 220 Cu.Ft. Diesel- 105 cu.ft. Compressor Gasoline.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

2-Miners- 2 Muckers

17. Equipment and Facilities: 220 & 105 cubic foot compressors- Leyners 2, Jackhammers 1; Drill Steel, Tanks, Pipe, Rail, Mine Cars, Jumbo, Etc.

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

Compboarding house- 2 cabins equipment as above.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

Long Canyon Mining Co Inc. (Name of company)

By Archie P. Fox (Signature of authorized official)

May 14, 1951 (Date)

President (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

Dma-766

Form NSRB-146
(Nov. 1950)

UNITED STATES GOVERNMENT

APPLICATION FOR GOVERNMENT LOAN
UNDER SEC. 302 OF
DEFENSE PRODUCTION ACT OF 1950

FORM APPROVED
BUDGET BUREAU NO. 25-R002

AMOUNT OF LOAN REQUESTED
$30,000.00

TERMS OF LOAN REQUESTED

DATE OF APPLICATION

NAME AND ADDRESS OF APPLICANT *(Street, City, Zone, State)*
Long Canyon Mining Company, Inc.
2784 Jefferson Ave.
Ogden, Utah

TO BE FILLED IN BY DELEGATE AGENCY

(DATE RECEIVED)

COMM.

AGRIC.

INT.

D.T.A.

FILE NO.

INSTRUCTIONS

Application should be filed with the Department of Commerce, Department of Agriculture, Department of Interior, or the Defense Transport Administration, whichever has the primary interest in the facilities, products, or processes involved. However, for convenience of the applicant, he may file with any government agency with which he has contract or other pertinent relationships and such agency will arrange for the transmittal of the application to the appropriate office.

Submit four (4) signed copies of the application. Name and address of applicant should be stamped or typed for identification of each sheet of the application and all accompanying papers. When a question is inapplicable, this should be so stated on the form. Additional sheets may be attached in answering any questions or in providing other supporting information.

1. PURPOSE OF LOAN

Give a brief general statement of the purpose of the loan requested, including in the table below estimated amounts for such major purposes as land acquisition, building construction, purchase of plant, purchase of equipment, working capital, repayment of debt, etc. Statement should make clear whether funds will be used for expansion of capacity, development of technological processes, or production of essential materials.

General Statement

Loan requested for continuation of exploration program as follows: Underground drifting, cross-cuts, raising and diamond drilling. Surface building repairs and replacement. Equipment Purchase. Road Repairs. Engineering Etc.

NATURE OF EXPENDITURE	AMOUNT
Development drifting, X cuts, raising	15,500
Diamond Drilling	5,000
Buildings	1,000
Equipment	3,000
Road Repairs	3,500
Engineering	2,000
Total amount applied for	30,000

2. **PROPOSED METHOD FOR REPAYMENT OF LOAN**

State sources of funds, and proposed schedule of repayment

By Percentage royalty on net smelter returns on production.

3. **NATURE OF BUSINESS AND DESCRIPTION OF PROJECT**

Describe fully the business activity for which the funds are intended. In so doing, identify the materials and services to be produced, describe the facilities and processes involved, and explain in detail any research activity and the nature of the results expected. Attach blueprints and specifications, if available, and furnish other technical details to the extent that they are not covered elsewhere in the application.

Mining company organized in December 1948. On and near surface Strong Pb-Zn mineralization developed to incline depth of 80' over a length of 300'. As deep development only will determine mineralization continuation-tunnel (X cut) to cut projection of vein at 300 ' depth started in fall of 1949 and as of Dec. 31, 1950 was in a distance of 955' with winding's and laterals bringing total to 1048'.

Objective close to vein projection.

4. **Relationship to National Defense.** Explain carefully how the expenditure of the funds will contribute to national defense. As a part of such explanation, the following questions should be answered to the extent possible:

(a) What evidence exists as to current shortages of the materials or services to be produced?

Demand and known reported shortages of lead and zinc.

(b) What evidence exists as to future shortages of the materials or services to be produced?

World conditions

(c) Are such shortages, if any, regional or national in scope?

National.

(d) In what respects will the use of the funds aid directly in expediting the carrying out of government defense contracts? (A listing of defense contracts, if any, held by applicant is required in item 8 below.)

Metals Produced.

4. Relationship to National Defense - Continued

(e) In what respects will the use of the funds aid indirectly in expediting the carrying out of government defense contracts or related operations?

Funds will immediately be used in exploration campaign

(f) Are there available alternative methods or facilities to accomplish the same purpose as that for which these funds are intended? (For instance, unused capacity, possibility of multiple shift operations, idle facilities, readily convertible equipment, sub-contracting?) If answer is yes, explain why alternatives are not used.

No

5. Maximum Designed Production

List separately materials or services identified in item 3 (a)	Unit of measure (b)	Maximum designed production with existing facilities (c)	Average percentage of maximum designed production used in quarter preceding filing of application (d)	Maximum designed production including use of funds applied for (e)
Lead	15-20%	500 ton/Mo	none	500 ton/Mo.
Zinc	10%			

6. Employment

(a) Number currently employed at location(s) where funds are to be used. (Use pay period ending nearest 15th of month preceding filing of application.)

4

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

4 Men

(2) Multiple shift operation (specify how many shifts).

2 shift 9 men

(c) Estimated additional employees required by the use of the funds applied for.

5

7. Timing

(a) On what date(s) are the requested funds needed?

Monthly order six months period

(b) On what expected date(s) will applicant begin to use such funds and obtain output from the use of such funds? Wherever possible, give planned schedule of output.

Should be in production within six months.

8. Output from the use of funds applied for will be for the following purposes:

a. For the following principal prime defense contracts (if any) with the United States Government:

Date of contract (a)	Contracting Government Agency (b)	Program symbol (2 digits) or other contract identification (c)	Materials or services (d)	Delivery date(s) (e)	Amount *(Dollars)* (f)

b. For the following subcontracts (if any) with U.S. Government prime defense contractors:

Date of contract (a)	Materials or services (b)	Supplied to *(Give name and address of firm)* (c)	Delivery date(s) (d)	(e) Government agency receiving end product or services (f) Program symbol (2 digits) or other contract identification	Amount *(Dollars)* (g)
				(e) (f)	
				(e) (f)	
				(e) (f)	

c. For the following classes or types of customers not covered by contracts listed above (list materials or services to be provided and, wherever possible, also indicate final product use):

Ores produced will be consigned to Smelter in Salt Lake Valley, Utah

9. **Feasibility**

(a) Estimate anticipated requirements for manpower, equipment, raw materials, energy, fuel, transportation facilities, water supply, housing, community facilities, and other factors of production, for (1) preparation of the facilities and (2) actual operation thereof. (The estimates may be limited to those factors of substantial significance to the preparation and operation of the facilities for which the funds are intended.)

1- 4 to 9 men in completing exploration.

2- 15 Men.

(b) Discuss and evaluate the availability of each of the above factors in the area(s) where the funds will be used.

Labor Ample--Elko, Nevada

10. The following applications for necessity certificates for tax amortization (Under Section 124A of the Internal Revenue Code) for facilities at the location(s) covered by this application have been filed since January 1, 1950.

Date of application (a)	Government file number (b)	(Estimated) Total of facilities in dollars on each application (c)	(d) If final action has been taken, give date of	
			Issuance	Denial
Refer to Application giving date of enclosed letter application to A. C. Johnson. Reno, Nev. Bureau of Mines.				
	(Report was submitted)			

11. **Recent Efforts to Obtain Credit**

(a) Banks— List names and addresses of all Banks of Deposit of Applicant within the last 5 years: *(Mark with an asterisk (*) bank or banks in which deposits are now kept)*

Commercial Security Bank, Ogden, Utah
Funds so far expended from sale of stock

11. **Recent Efforts to Obtain Credit** - Continued

(b) State efforts to obtain credit, within 60 days preceding date of application, from banks, the Reconstruction Finance Corporation, or other sources, results, and reasons if refused. (NOTE.—Section 302 of the Defense Production Act of 1950 states that a loan may be extended "only to the extent that it is not otherwise available on reasonable terms." Accordingly, Applicant should show that it has applied to each bank named in (a) above, or explain the reason for not doing so. The fact that a loan of the particular maturity and terms applied for is refused by a bank or banks is not sufficient to comply with the statute, if credit on reasonable terms is available. State whether a bank will participate in the loan, and if so, state name of bank and amount of participation. Full particulars must be given.) List the names and addresses of banks and other lending institutions to which applications for credit have been made, and in each case state date of application, amount of credit available, if any, maximum term for which credit is available, what consideration, if any, was given to possible guarantee of loan under Federal Reserve Regulation V, and reason for refusal or reason loan was not obtained. Indicate whether or not application was definitely refused for further credit on any basis.

12. What other forms of government financial assistance, if any, have been received or requested by the applicant in connection with the purposes of the loan herein applied for? If applicant plans to request such assistance in the future, give details.

None

13. **HISTORY, MANAGEMENT, LEASED AGREEMENTS, INSURANCE, ETC.**

These subjects should be fully covered in statements attached hereto. Outline past management experience or other basis for showing competence of the Applicant to perform in accordance with expressed purpose of the application. If plant was purchased, state price, form and terms of payment, date of purchase, from whom and under what circumstances purchase was made. If it is proposed to construct or acquire new facilities (including equipment), state estimated cost and basis of such estimate, form and terms of payment, and from whom purchases of facilities will be made. State whether Applicant, or the business or plant, has been in receivership, bankruptcy, Chapter X, XI or XII, in hands of creditors, committee, or whether Applicant has effected a compromise with creditors, and if so, discuss fully. Indicate whether business is conducted in leased premises and whether any facilities are leased from others and describe terms of any lease agreements. List type and amount of insurance carried on plant property. Describe briefly any pending or threatened litigation affecting Applicant.

14. NAMES AND ADDRESSES OF OFFICERS, DIRECTORS, OR PARTNERS, AND IN ADDITION THERETO, THE FIVE LARGEST STOCKHOLDERS IF A CORPORATION.

NAME AND ADDRESS (a)	Official title (If officer is also director indicate by "D") (b)	Total of annual salary, commissions, bonuses, etc., received from Applicant and affiliates during last fiscal year (c)	Estimated net worth outside of Applicant (d)	Number of shares held in applicant: Common (e)	Number of shares held in applicant: Preferred (f)	Life insurance carried for benefit of Applicant: Amount (g)	Life insurance carried for benefit of Applicant: Net cash surrender value after loans (h)
Archie P. Farr	President D	None					
Dale F. Farr	Vice-President D	None					
Harry J. Eldredge	Secy. Treas. D	None					
Lewis Farr	Resident Agent D	None					
E. E. Greenwell	Director	None					
Norman Bingham	Director	None					
Mrs. B. G. Boam	None	None					
Mrs. Geddes D. Brown	None	None					
	Total		x x x x x			x x x	x x x

15. CAPITAL STOCK ISSUES

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par value (c)	Number of shares outstanding (d)	Dividend rate last paid (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

16. PURCHASE AND SALES RELATIONS WITH OTHERS

Does Applicant buy from, sell to, or use the services of, any concern or partnership in which an officer, director, large stockholder, or partner of the Applicant has a substantial interest? If not, so state. If so, give names of such officers, directors, stockholders, and partners, and names of such concerns or partnerships.

No

Does any officer, director, large stockholder, or partner of Applicant receive any commission, bonus, or other payment in cash or services from any concern or partnership with which Applicant has business dealings? If not, so state. If so, give names of such officers, directors, stockholders, or partners and amounts of such commissions, bonuses, or payments.

No

17. COMPENSATION SCHEDULE

INSTRUCTIONS: The schedule shall show the amount of compensation being paid to all employees of Applicant receiving compensation at a rate in excess of $10,000 per annum, including employees paid on a part-time basis where the rate of compensation exceeds $10,000 per annum computed on a full-time basis. If Applicant is a corporation, the schedule should show the compensation, regardless of amount, being paid to all officers, directors, and such stockholders as have an interest in Applicant's business of 10 percent or more. If Applicant is a partnership, the schedule should show the compensation being paid to, or being withdrawn by, all partners for their personal use. If Applicant is an individual, the schedule should show the amount being withdrawn by Applicant for his personal use. In each case the listed person's connection with the business should be indicated (i.e., whether an officer, director, stockholder, partner, owner, etc.). The calendar basis for the compensation should likewise be shown. Attorneys or firms of attorneys on a regular retainer or salary basis should be included. The schedule should include a separate notation indicating the source and amount of any compensation being paid by a company or firm directly or indirectly controlling, affiliated with, or controlled by, Applicant. If the space provided herein is insufficient, the schedule should be continued on the reverse side or appropriate continuation sheets should be attached.

17. **COMPENSATION SCHEDULE** - Continued

The term "compensation", as used herein and such schedule, shall include all salaries, fees, bonuses, commissions, retainers, regular drawing accounts, and other payments, direct or indirect, in money or otherwise, for personal services.

Name (a)	Position (b)	Compensation paid during previous fiscal year (c)	Present compensation (d)
None			

18. **COLLATERAL**

(a) The applicant offers the following described collateral as security for repayment of the loan applied for.

Description (a)	Date acquired (b)	Cost (c)	Book Value (Net) (d)	Appraised* value (e)
Property now held:				
To be acquired:				

* This column need be filled in only if a recent appraisal has been made. If so, identify appraiser below.

Name (a)	Title (b)	Date (c)

(b) Describe existing liens, if any, on property listed above.

EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of March 31, 1951

(Date not more than 30 days prior to date of application)

ASSETS

CURRENT ASSETS			
1. Cash			$ 1,507.23
2. Notes receivable		$	
Less reserve for doubtful notes			
3. Accounts receivable:			
Current	$ 100.00		
Past due not over 4 months			
Past due over 4 months		$ 100.00	
Less reserve for doubtful accounts			100.00
4. Inventories:			
Raw materials	$		
Work in process			
Finished goods		$	
Less reserve for inventory losses			
5. Other current assets (describe)			
TOTAL CURRENT ASSETS			$
FIXED AND OTHER ASSETS			
6. Plant used in business:			
Land	$ 51,218.16		
Buildings. Tunnel	26,173.30		
7. Machinery	19,716.03		
8. Equipment, furniture, and fixtures		$97,107.49	
Less reserve for depreciation		5,699.64	91,407.85
9. ~~Investments: stocks and bonds~~ Organization Expense			9,718.85
10. Investments in affiliated companies			
11. Receivables due from affiliated companies			
12. Real estate not used in business			
13. Due from officers, directors, employees, stockholders			
14. Deferred charges			
15. Other assets. Mine Lease & Development			86,147.46
TOTAL ASSETS			188,081.39

LIABILITIES

CURRENT LIABILITIES			
16. Notes payable (see schedule 1, page 10):			
Banks		$	
Trade creditors			
Officers, stockholders, relatives			
Insurance companies			$
17. Accounts payable			None
18. Other current liabilities:			
Delinquent taxes — Real estate		$	
Delinquent taxes — Federal			
Wages and salaries			
Due officers			
Accrued interest, rent, taxes, wages, etc			
TOTAL CURRENT LIABILITIES			$ None
FIXED AND OTHER LIABILITIES			
19. Machinery liens			2,200.00
20. Mortgage debts (see schedule 2, page 10)			48,299.43
21. Bonds or debentures (see schedule 2, page 10)			
22. Other liabilities			
NET WORTH			
23. Common stock (if Applicant is incorporated)		162,162.80	
24. Preferred stock (if Applicant is incorporated)	(Deficit	(23,780.84)	
25. Surplus (if Applicant is incorporated)			138,381.96
26. Capital and Surplus Account (if Applicant is partnership or individual)			
TOTAL LIABILITIES			188,881.39
27. Contingent liabilities (explain)			$

NOTE.— Submit copy of last available audit or of financial statement at close of last fiscal period (if such date differs from date of above statement).

SCHEDULE I - Notes Payable (in detail)

Name and address	Maturity	Amount	State amount and character of collateral	Name of guarantor(s) and/or endorser(s)

SCHEDULE 2 - Mortgage Debt (real estate and/or chattels) or Bond Issue

Names and addresses of holders	Date of maturity	Interest rate	Unpaid principal amount	Date to which interest is paid
P. G. James			$ 48,299.43	
Gardner Denver Co. Salt Lake City, Utah			2,200.00	
TOTAL	X X X X X X X	X X X X X X	$ 50,499.43	X X X X X X X X X X X X X X X X

If mortgage secures a bond issue, state whether bonds are principally held by management and/or stockholders or by others, and attach copy of mortgage indenture.

EXHIBIT B - CONDENSED COMPARATIVE STATEMENT OF INCOME AND EXPENSES

For years ended _____
(Insert date of end of fiscal year)
(000.00 omitted)

	(Figures for 3 preceding years) 19	19 49	19 50	Current year as of date of Exhibit A
1. Net sales		1,615.77	none	None
2. Cost of goods sold				None
3. Gross profit on sales (line 1 minus line 2)		1,615.77	None	None
4. Other income (itemize)				
5. Total (line 3 plus line 4)		1,615.77	None	None
6. Salaries (officers or partners)*				
7. Selling and all other expenses		13,343.52	4,381.65	1,971.80
8. Total of lines 6 and 7		13,343.52	4,381.65	1,971.80
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)		(11,727.75)	(4,381.65)	(1,971.80)
10. Depreciation		2,849.82	2,849.82	
11. Federal Income and Excess Profits Taxes				
12. Net profit or (loss) (line 9 minus lines 10 and 11)		(14,577.57)	(7,231.47)	(1,971.80)
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period (deficit)		None	(14,577.57)	(21,809.04)
14. Net profit or (loss) for period		(14,577.57)	(7,231.47)	(1,971.80)
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss		(14,577.57)	(21,809.04)	(23,780.84)
Add:				
16. Surplus paid in during period				
17. Surplus resulting from revaluation of assets				
18. Other additions to surplus (itemize)				
19. Total of lines 15 to 18, inclusive		(14,577.57)	(21,809.04)	(23,780.84)
Deduct:				
20. Dividends				
21. Other charges to surplus (itemize)				
22. Total of lines 20 and 21				
23. Surplus at end of period (line 19 less line 22), MUST AGREE WITH SURPLUS AS SHOWN IN BALANCE SHEETS		(14,577.57)	(21,809.04)	(23,780.84)

* To include all payments of any kind (commissions, bonuses, withdrawals) to officers or partners.

NOTE—If years included in the above tables are not adequately representative of applicant's financial experience, information may be submitted for additional years.

EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended December 31
(Insert date of end of fiscal year)

(000.00 omitted. Use figures to nearest thousand. For instance, the figure $3,489.36 should be written as 3; the figure $3,689.36 should be written as 4)

ASSETS	(Figures for 3 preceding years) 19	1949	1950	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash		13	1	2
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:				
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.		14	14	20
Delivery equipment				
Real estate and buildings used in business		60	80	77
6. Other assets (as investments, real estate not used in business, etc.):				
Organization Expense		10	10	10
Mine Lease & Development		86	86	86
TOTAL ASSETS		183	191	195
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable		5	8	
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts		45	40	50
13. Debentures				
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation		3	6	6
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)		144	158	162
18. Preferred stock (issued) (if Applicant is incorporated)		(15)	(22)	(24)
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES		182	190	194

NOTE— If years included in the above table are not adequately representative of applicant's financial experience, condition statements may be submitted for additional years.

EXHIBIT D

AGREEMENT AS TO COMPENSATION FOR SERVICES RENDERED OR TO BE RENDERED TO APPLICANT IN CONNECTION WITH APPLICATION AND/OR LOAN

To induce the United States Government and its agencies to make a loan under Sec. 302 of the Defense Production Act of 1950 to _____ (hereinafter called "Applicant") and in consideration of the making of a loan to Applicant, the undersigned, having been retained by Applicant for the purpose of rendering professional or other services in connection with its application for a loan or loans, hereby represents, warrants, and agrees that the undersigned has not been paid, has not made any agreement with the Applicant to be paid, and has not procured any person to pay or agree to pay, and will not, directly or indirectly, charge or receive any bonus, fee, or commission in any form in connection with the said application for, or the obtaining of, the loan applied for by the Applicant, or any compensation in any form for services rendered or to be rendered in connection therewith except for the services and in the amounts stated below:

Name	Description of services	Amount paid	Amount to be paid
None		$	$

To induce the making of the loan and the employment of the undersigned by Applicant, the undersigned hereby further warrants, covenants and agrees, upon the consideration herein specified, and in consideration of the employment of the undersigned by Applicant, as above recited, that if the amount of compensation stated above for any such services shall not be deemed reasonable by any agency of the United States Government, the undersigned will reduce the charge for such services to such amount as shall be deemed reasonable by such agency, and will not, directly or indirectly, charge or collect from the Applicant or any other person, any sum in excess of the amount so deemed reasonable; and that if the undersigned has heretofore collected, from the Applicant or any other person, as compensation for any such services, any amount deemed by such agency to be unreasonable, the undersigned will refund to Applicant or such other person such sums as are in excess of the amount deemed reasonable. The undersigned further warrants, covenants and agrees that if the amount of the compensation for any such services is not determinable at the date of application, or is not stated above, it will not collect or charge any sum as compensation for such services without the prior written approval of the Government agency with which this application is officially filed as to the nature of the services for which such compensation is to be paid and the amount of such compensation.

Archie P. Farr

Witness: Dean J. Christiansen

Address of witness: Ogden, Utah

Dated May 14, 1951

NOTE—Corporations must execute foregoing certificate in corporate name, by duly authorized officer, and seal must be affixed and duly attested; partnerships must execute in firm name, together with signature of a general partner. If no compensation is paid or to be paid for services rendered in connection with application or loan, this should be so stated and the Applicant should sign this Exhibit.

CERTIFICATION

The Applicant hereby certifies that the statements made in the foregoing application, and all exhibits and documents submitted in connection therewith, are true and correct statements to the best of Applicant's information and belief and are submitted as a basis for credit. The Applicant agrees to reimburse any agency of the United States Government upon demand for any expenses incurred in connection with or arising out of this application or any loan made pursuant hereto.

Dated May 14, 1951

Witness: (For individual applicants)

(Signature)

Witness: (For partnership applicants)

(Full name of firm)

By _____, a general partner.
(Signature)

(For corporate applicants)

(CORPORATE SEAL)

Long Canyon Mining Co. Inc.
(Full corporate name of Applicant)

Attest: By Archie P. Farr President
(Signature) (Title)

(Signature), (Title)

The United States Criminal Code, 18 U.S.C., Sec. 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: 1950 O - 916171