DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 775x

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FILE COPY
SURNAME:

Bourret

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

C. W. Styer, President
Natural Resources Developing Company
354 Village ~~Lane~~
Los Gatos, California

Re: Uranium laws-California
DMA docket - 775X

Dear Mr. Styer:

Your letter of August 11 addressed to Doctor James Boyd has been referred to the Minor and Rare Metals Branch for a reply.

Under date of August 14 you were advised that the Defense Minerals Administration denied your application for an exploration project in the amount of $100,000.00, because in our opinion there is insufficient evidence to indicate that a significant discovery of uranium ore is possible.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

WBourret/ch 8-15-51
cc: Adm. Read. File
Reports and Records
Lyon
Bourret
Hosted
Field Team III
Files

330

NATURAL RESOURCES DEVELOPING COMPANY

C. W. STYER
PRESIDENT
H. L. WHITTAKER
SEC. - TREAS.

354 VILLAGE LANE • TELEPHONE ELGATO 4-3604
LOS GATOS, CALIFORNIA

RENO
NEVADA
BISHOP
CALIFORNIA

letters have crossed

Aug. 11th, 1951

Defense Minerals Administration,
Department of The Interior,
Washington, D.C.

Attention Mr. James Boyd :

Dear Sir :

Ref. our Grant application DMA 775X which has been under process for some weeks, we visited, this week, the office of Mr. Miller in San Francisco who kindly allowed us to read the report of the Geological Survey team which was the last of three units from Goverment sources to inspect this uranium property.

In the report we noted that a winze of 30 ft extent was recommended to be drilled along the fault line. Before anything further is done in the matter, it is desired to point out that, at a minimum, there is more to be done than merely drilling down along the fault. For example, approximately half mile of road must be built in order to bring in the proper equipment. This fact, plus other factors of similar nature and cost in the situation were ignored. From a practical standpoint, however, they are part of the project and its expense, and from our viewpoint a small grant would be insufficient to do a proper job.

In addition, we feel that such a limited exploration would not at all indicate the true extent or possible value of the deposits we believe to be existent. Since it is already opened to the extent of a 60 ft tunnel and 3 drifts we feel that a more extensive exploration would be of value and potentialities exposed which cannot be done with such a limited sum as seems indicated.

It is desired therefore to request hereby that consideration be given to all factors surrounding the case, and a much larger grant be given, if any is to be given at all. In fact, we would prefer to withdraw from the grant altogether unless a truly proper job can be done on the property, which action will certainly require more than the sum needed for a bare 30 ft winze.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 13 1951

Very truly Yours
C. W. Styer
C.W. Styer
President

As you already know from our letter of Aug 4 your proposal is denied
appl. Was also rec'd 8/13

FILE COPY
SURNAME:

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

Gordon Bourret.

AUG 1 5 1951

A. E. C.

Mr. C. W. Styer, President
Natural Resources Development Co.
354 Village Lane
Los Gatos, California

Re: Wild Bill Claims
Natural Resources Devel. Co.
Mono County, California
Uranium DMA-775x

Dear Mr. Styer:

Your application of February 24, and May 10, 1951, DMA-775x, for an exploration project in the sum of $100,000 has been carefully reviewed by the Minor and Rare Metals Branch of the Supply Division.

We regret to advise that your application is being denied at this time, basing this decision upon insufficient evidence of the geologic probability of making a significant discovery.

Should evidence obtained in the future be of such nature as to alter this opinion, we would gladly consider a new application.

Yours very truly,

Tom Lyon

Tom Lyon, Director,
Supply Division

J.F. 8/15

EGordon/mh 8-10-51
cc: Adm. Read. File
Reports and Records
Keiser & Hosted
Field Team, III
Bourret
DMA docket files

FILE COPY
SURNAME:

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

Gordon Bourret

AUG 15 1951

A. E. C.

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Uranium, DMA-775x, Wild Bill Claims
Natural Resources Development Co., Mono County, Calif.

Under date of February 24, 1951, Natural Resources Developing Company, 354 Village Lane, Los Gatos, California, submitted the subject application, DMA docket 775x for a project in the sum of $100,000 for a government participation of $90,000 (90%).

Attached herete find letter of even date addressed to applicant denying the application on the basis of insufficient evidence of the geologic probability of making a significant discovery. This opinion is concurred in by the field team and the reviewers for A. E. C. and U. S. G. S.

Herewith is returned the complete docket, comprised as follows:

(a) Two copies each, form NSRB-146, form MFp100, form MF-103
(b) Two copies of field team's report, priginal letter of field team's recommendation, letter correcting the former and recommendations for field team referral.
(c) Copy of reconnaissance report.
(d) Reference slip with recommendation by H. Keiser and J. O. Hosted.

Weston Bourret, Chief
Minor and Rare Metals

EGordon/mh 8-10-51
cc: Adm. Read. File
Reports and Records
Lyon
Keiser, Hosted, USGS
Bourret
DMA docket files
Field Team III

J.S. 8/15

Approved: Tom Lyon

Director, Supply Division

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

AUG 15 1951

Memorandum

To: Administrative Management Division

Through: Director, Supply Division

From: Minor and Rare Metals Branch

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Weston Bourret
Weston Bourret, Chief
Minor and Rare Metals

Approved:
Sam Lyon
Director, Supply Division

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

Office of
Executive Officer
DMA Field Team
Region III

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

July 25, 1951

Air Mail

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject: DMA-775X - Natural Resources Developing Company
Wild Bill Claims, Mono County, California (Uranium)

Reference is to my subject memorandum to you dated July 23.

In the last line of the memorandum the figure $15,000 is in error and should read $1,500.

The $1,500 is based on sinking a 30-foot winze at $50 a foot. The correct figure appears in the last paragraph of Mr. Walker's report on the group of claims.

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

Copy to: E. H. Bailey, USGS

JUL 31 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR

~~BUREAU OF MINES~~
REGION III
DEFENSE MINERALS ADMINISTRATION

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

OFFICE OF
~~XXXXXXXXXXXXXXXXXXXX~~
Executive Officer
DMA Field Team
Region III

July 23, 1951

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject; DMA-775X - Natural Resources Developing Company
Wild Bill Claims, Mono County, California (Uranium)

Reference is made to your subject letter dated June 1, concerning subject property.

Attached are four copies of a report "DMA-775X, Wild Bill Group of Claims, Mono County, California (Uranium)", by George W. Walker, Geologist, U. S. Geological Survey, dated July 19, 1951.

Mr. Walker concludes that the applicants' request for $100,000 for exploration should be turned down as only a few tons of ore containing 0.1 percent Uranium have been exposed by the exploration done to date. He suggests, however, that exploration by sinking a 30 foot winze in the fault zone at a cost of about ~~$15,000~~ $1,500 to test the extension of the ore at depth might be desirable.

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

Attachment

Copy to: E. H. Bailey, USGS

AUG 1 1951

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-775x, Wild Bill Group of Claims

Mono County, California

(Uranium)

George W. Walker, Geologist
U. S. Geological Survey

July 19, 1951

DMA-775x, Wild Bill Group of Claims,
Mono County, California

(Uranium)

Summary and Conclusions

The Natural Resources Developing Company of Los Gatos, California, has made application under DMA docket 775x for a $100,000 loan (90 percent Government participation) to explore a uranium-bearing zone on the Wild Bill group of claims, Chidago Mining District, Mono County, California.

One of these claims contains uranium minerals associated with flat-lying quartz veins and steep, intersecting faults in a Jurassic (?) acid intrusive. Geiger counter traverses indicate the radioactive material is confined to a fulgated zone in a short adit on Wild Bill No. 2 claim. Here, uranium occurs in thin, discontinuous, limonitic seams; select samples assayed up to 0.37 percent U_3O_8, but the average grade over a mineable width is considerably below 0.10 percent U_3O_8. Indicated reserves of material containing more than 0.10 percent U_3O_8 total less than 5 tons.

Exploration as proposed in docket 775x is not recommended. Limited exploration, as a risk venture, may be justified to determine whether either the value or the continuity of the uranium-bearing zone increases with depth.

Introduction

DMA docket 775x, Wild Bill (Banner or Dog) group of claims, Mono County, California, proposes exploration of uranium-bearing zones associated with flat-lying quartz veins and steep, intersecting faults in a Jurassic (?) acid intrusive. The Natural Resources Developing Company of Los Gatos, California, is the present owner of the Wild Bill claims.

On June 1, 1951, docket 775x was referred to Mr. H. C. Miller, Executive Officer of Field Team III from Mr. T. Lyon, Director, Supply Division, DMA, for additional information concerning the Wild Bill group of claims. A field examination of the property was made on June 29, 1951, by Robert V. King and George W. Walker of the U. S. Geological Survey. They were accompanied during the examination by Mr. N. W. Pronger, Jr., engineer for the Natural Resources Developing Company. On May 24, 1951, Mr. E. E. Thurlow of the U. S. Atomic Energy Commission visited the property and the results of his examination are contained in Preliminary Reconnaissance Report C-1 (AEC), dated June 11, 1951.

The field examination included reconnaissance traverses on the surface with Geiger-Mueller counters, and detailed examination of the underground workings with counter traverses. The counter readings indicated the radioactive ore of possible commercial value was limited to one adit. A Brunton-tape survey of the adit was made on a scale of 1"=40' (see accompanying figure).

Location and Accessibility

The Wild Bill, (Banner or Dog) group of claims is in the SW¼, sec. 18, T. 3 S., R. 31 E., Mt. Diablo base and meridian, in the Chidago Mining District, about 12 miles by gravel road south of Benton, Mono County, California. The property is half a mile by trail and dirt road west of Banner Spring, which is approximately 34 miles from Laws by all-weather gravel and paved roads. The Southern Pacific Company maintains a narrow-gauge railroad at Laws.

Description of the Property and Ownership

The Natural Resources Developing Company owns five claims, and either owns or has leases on 12 adjoining claims. The claims cover the abandoned workings of the Banner mine, which yielded some lead, silver, and zinc during the 1870's and 1880's. The old workings, as seen in June 1951, consisted of a number of pits and adits that explored and developed mineralized quartz veins that are nearly flat-lying. The quartz veins are exposed in all of the underground workings, but uranium mineralization apparently is confined to one short adit on the Wild Bill No. 2 claim (see accompanying figure).

Geology

The Wild Bill group is located in a quartz monzonite intrusive, which shows, by the presence of numerous inclusions that it has been contaminated by partly assimilating pieces of wall rock. Surface contacts with the wall rock lie at some distance from the property—beyond the limits of this examination--indicating that the quartz monzonite may have a broad border facies. Within the quartz monzonite are several 6-inch to 2-foot mineralized quartz veins, which strike northwest and dip at gentle angles to the southwest. Roughly parallel to the quartz veins are numerous joints, some of which contain 4- to 6-inch aplite dikes. Faults, which strike approximately N. 25° W. and dip at fairly steep angles both east and west were observed only in one adit. They cut and displace the mineralized quartz veins, but only on one fault plane was it possible to measure the approximate displacement. On this fault, shown on the accompanying figure, displacement was about 3 feet down the dip. The displacements on the other faults are probably of comparable magnitude, though they may be somewhat greater. Associated with another fault exposed in the adit is a thoroughly altered 1-foot dike of fine-grained mafic rock, probably intruded along a pre-existing fault zone.

Where exposed in other underground workings the mineralized quartz veins appear to be relatively undisturbed.

Ore Deposits and Reserves

Examination of the property by Geiger counters indicates that appreciable quantities of fissionable material are found only in the short adit on the Wild Bill No. 2 claim. Here, a mineralized quartz vein, which contains pyrite, chalcopyrite, galena, tenorite, sphalerite, gold (native)?, and alteration products of some of these minerals, is broken by steep-angle faults and by one mafic dike. The quartz vein and the quartz monzonite contain virtually no urnaium, except immediately adjacent to these faults where the wallrock is shattered and stained with limonite. Elsewhere on the property, no radioactive minerals were found in the other exposed quartz veins, though they do contain lead, copper, and zinc-bearing minerals.

In the adit on Wild Bill No. 2 claim a 55-foot drift and two short crosscuts to the west expose three distinct fault planes, much brecciated wall rock, and a 1-foot mafic dike. In this broken zone there are notable quantities of limonite, some cerussite, and unidentified brown and green, waxey clay minerals. Practically all of the uranium-bearing materials are found in this broken zone; a foot or two away from the zone the wall rock and the quartz vein are virtually barren. Most of the uranium is found in thin--less than 2 inches--discontinuous layers consisting of clay and gouge, limonite, and some cerussite. One such layer, exposed for 5 feet beneath a quartz vein, was selectively sampled and was found to contain 0.10 percent U_3O_8. Two samples (probably select grab or chip), collected in the adit by the owners and assayed by the laboratories of the Atomic Energy Commission, contained 0.34 percent and 0.37 percent U_3O_8. Other select samples collected by R. V. King and G. W. Walker and by Mr. Thurlow, contained from .003 percent to 0.17 percent U_3O_8. The sample containing the lowest values included some of the quartz vein.

The mineralogy of the uranium-bearing minerals is not known, but it is assumed that because of their association with hydrated iron oxides, the uranium probably is in the form of supergene minerals.

Indicated reserves of material containing more than 0.10 percent U_3O_8 total less than 5 tons. This material is distributed in scattered, thin patches that occur along fault planes and in thin limonitic zones beneath the quartz vein. The discontinuity of these thin mineralized zones prohibits inferring additional tonnage.

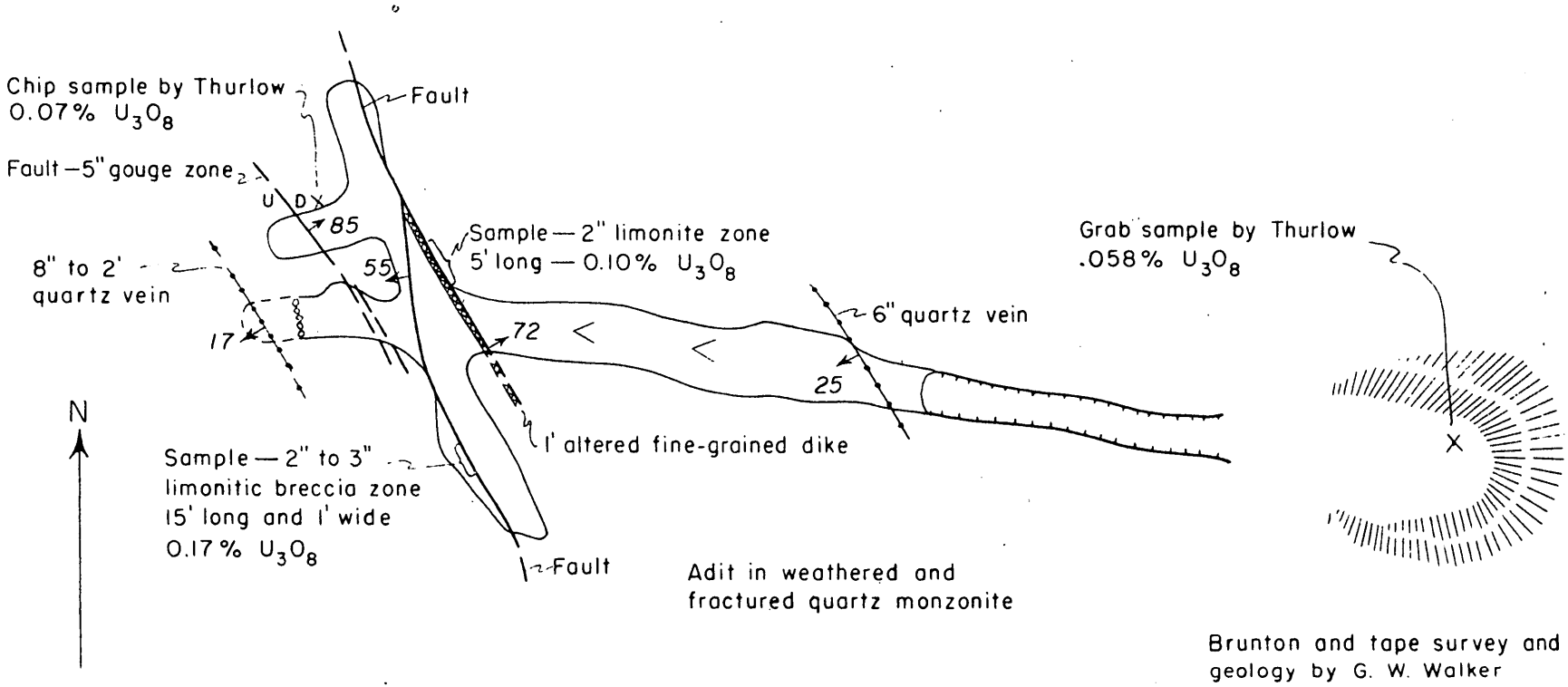
Conclusions and Recommendations

Geiger counter traverses, both on the surface and underground, indicate that uranium mineralization is confined to an area about 30 feet long and 8 feet wide in the adit on Wild Bill No. 2 claim. The mineralization probably was related to the faults exposed in the adit. It may, however, have been related to the 1-foot mafic dike that occurs in the fault zone, although counter readings on the dike indicated virtually no uranium content. It is doubtful that mineralization is in any way related to the quartz veins exposed in the area, because away from the faults and the dike, they are barren of radioactive materials. Present showings of uranium-bearing material are both discontinuous and small. There is no evidence to indicate better expectations along their strike or dip; however, nothing indicates that the grade or continuity of the ore-bearing zone may not improve with depth. Select samples contained up to 0.37 percent U_3O_8, but over a mineable width, the mineralized zone contains considerably less than 0.10 percent U_3O_8. Therefore, the exploration as proposed by the owners in docket 775x cannot be recommended.

As a risk venture, dependent on the need for uranium and the overall exploration program for fissionable materials, limited exploration might be justified. Exploration by sinking a 30-foot winze in the fault zone should indicate whether values are higher and/or more continuous at depth. Prevailing mining costs for sinking are approximately $50.00 per foot, so that the total cost for such exploration would be about $1,500. Limited exploration by extending the drift along the fault zone might also uncover lateral extensions of the mineralized zone.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 775X
(URANIUM)



Brunton and tape survey and geology by G. W. Walker
June 1951

ADIT ON WILD BILL NO. 2 CLAIM, MONO COUNTY, CALIFORNIA

0 20 40 60 FEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Box 7618, Lakewood Branch
Denver 15, Colorado

June 15, 1951

Air Mail

Subject: DMA - 775 X

Mr. Ward C. Smith
U. S. Geological Survey
105 Old Mint Building
5th & Mission Streets
San Francisco, California

Dear Ward:

I have read DMA Docket No. 775 X, but have been unable to judge from existing information whether or not a loan should be granted the operators. The only information which we have is a brief report by Ernest Thurlow of the AEC. This is attached.

If you desire to have us send one of our men to visit this property with the field team, please notify us as to the proposed date of examination.

Sincerely yours,

Lincoln R. Page

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

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA-775u, Wild Bill Group of Claims

Mono County, California

(Uranium)

George W. Walker, Geologist
U. S. Geological Survey

July 19, 1951

DMA-775x, Wild Bill Group of Claims,
Mono County, California

(Uranium)

Summary and Conclusions

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Box 7618, Lakewood Branch
Denver 15, Colorado

June 15, 1951

Air Mail

Subject: DMA - 775 X

Mr. Ward C. Smith
U. S. Geological Survey
105 Old Mint Building
5th & Mission Streets
San Francisco, California

Dear Ward:

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Sincerely yours,

Lincoln R. Page

LRPage:arh

FILE COPY
SURNAME: Bourret

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

June 1, 1951

File Sent to

Mr. H. C. Miller, Executive Officer
Field Team, Region III
1415 Appraisers Building
San Francisco, California

Re: DMA-775X
Natural Resources Developing Co.
Uranium - Development Assistance

Dear Mr. Miller:

I am enclosing herewith the original of application Form MF-103 dated May 10, from the Natural Resources Developing Company, for development assistance in the amount of $100,000.

The Atomic Energy Commission believes a geological examination of this property may be warranted as this is an unusual type of mineralization and they have no information on this particular deposit.

In accordance with the instructions on fissionable materials, outlined in Procedural Instruction No. 5, please contact Mr. Lincoln Page for expert geological advice in the event this is required. Please contact the applicant direct for additional information.

Very truly yours,

Tom Lyon

Chairman, Coordinating Committee

Enclosure

Approved:

Clark N. Rove Moon
For the Survey

Lowell B. Moon
For the Bureau

WBourret/ad/af
Copy to: Files ✓
Mr. Moon
Mr. Hosted
R.3204,USGS
Mr. Strobel
Coordinating Comm.
Mr. Kaiser
R.3204,USBS
Adm. Reading File
Mr. Bourret
Mr. Kline,USBM,Bluemont,Va.

FILE COPY
SURNAME:

Bourret
Lyon
Moon

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

June 1, 1951

Mr. C. W. Styer, President
Natural Resources Developing Company
354 Village Lane
Los Gatos, California

Re: DMA - 775X, Uranium

Dear Mr. Styer:

Your application, DMA Docket 775X of May 10, for Government assistance in the amount of $100,000 under the provisions of the Defense Production Act, has been reviewed by the Minor and Rare Metals Branch of the Defense Minerals Administration.

Before final decision can be made on your request, it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. M. C. Miller, Executive Officer of Field Team, Region III, 1415 Appraisers Building, San Francisco, California, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyon, Director
Supply Division

WBourret/ad/af

Copy to: Files
Field Team, Region III (2)
Mr. Strobel
Adm. Reading File
Mr. Moon
Coordinating Committee
Mr. Bourret
Mr. Hosted - Room 3204, USGS
Mr. Kaiser - Room 3204, USGS
Mr. Kline - USBM, Bluemont, Va.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. W. Bonnet

DATE: May 25, 1951

FROM : J.H.W. Feiser

SUBJECT: DMA 775 - Natural Resources Developing Co.

I recommend that the subject application be referred to the appropriate field team.

STANDARD FORM NO. 64

DMA-775

Office Memorandum • UNITED STATES GOVERNMENT

TO :

DATE: 5/24/51

FROM :

SUBJECT: E. E. Thurlow, has or will soon examine this property. GMH

5/28/51.
Phoned in by Mr. E.E. Thurlow from San Francisco, Calif.
Aldgold property. about 100' wkgs. 1" seam below 18" flat
dipping qtz. vein. Material from seam is radioactive - limonite
+ carnotite. Readings spotty. 0.10% - 0.20% U_3O_8?
Disappointing but is new type of deposit.

Good prospecting for U.S.G.S. Reconnaissance. I wrote to him.

FILE COPY
SURNAME:

Bourret
Lyon
Moon

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

June 1, 1951

Mr. C. W. Styer, President
Natural Resources Developing Company
354 Village Lane
Los Gatos, California

Re: DMA - 775X, Uranium

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Before final decision can be made on your request, it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. H. C. Miller, Executive Officer of Field Team, Region III, 1415 Appraisers Building, San Francisco, California, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyon, Director
Supply Division

WBourret/ad/af

Copy to: Files
Field Team, Region III (2)
Mr. Strobel
Adm. Reading File
Mr. Moon
Coordinating Committee
Mr. Bourret
Mr. Hosted - Room 3204, USGS
Mr. Kaiser - Room 3204, USGS
Mr. Kline - USBM, Bluemont, Va.

NATURAL RESOURCES DEVELOPING COMPANY

C. W. STYER
PRESIDENT
H. L. WHITTAKER
SEC. - TREAS.

354 VILLAGE LANE • TELEPHONE ELGATO 4-3604
LOS GATOS, CALFORINIA

RENO
NEVADA
BISHOP
CALIFORNIA

Rec'd May 21 '50 WB.

May 10th,1951

Defense Minerals Administration
Department of The Interior
Washington, D.C.

Ref. DMA-775X

Gentlemen :

Under your file DMA-775 you will find our previous application for Govt. loan. Under date of April 12,1951 your office (Lead Zinc Branch) wrote in answer to our application stating that our application came under the exploratory phase of the program and about $70,000 would apply on the loan.

Since then we have discovered what appears to be a very good uranium deposit. The Atomic Energy Comm. is sending an engineer to inspect as their analysis of the samples was of interest to them .(See enclosure to Form MF100 herewith)

In view of the above, we have filled out Form MF100 and Form MF103 together with the necessary data and enclosures and are submitting them herewith for a loan for exploration of the uranium property on a 90%-10% basis. This office considers this as an amendment to our original request covering additional valuable potentials.

Very truly Yours

For The President,
H L Whittaker
H.L.Whittaker
Sec.-Treas.

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-775 X

Date received 5/17/51

Participation

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif

Name and address of applicant

Date May 10,1951

FILL IN THIS BLOCK

Date of application May 10,1951
Original Appl. DMA775 on Feb 24,1951

Estimated cost $100,000

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Twp 3 S, R31E, Sec 18
north of LAWS Calif

Date of filing MF-100 May 10,1951 with this Form

DMA Docket Number, if available 775 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.
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.
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?

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

    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.

Natural Resources Developing Co
(Name of company)

By C. W. Steyer
(Signature of authorized official)

354 Village Lane, Los Gatos, Calif

May 10, 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

Insert for Form MF 103

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

May 10,1951

1. A Corporation
2. Not applicable
3. -4-5. Answered either on Form MF100 accompanying or on the original application now filed with you under DMA775.

6. No encumbrances or liens . Property free and clear.
7. Not applicable
8. See Page 9 of original application DMA775
9. $10,000. Yes on 10% participation basis.
10. The property involved consists of 5 mining claims. They are located as follows : Township 3 South Range 31 East Section 18. A regular survey by a licensed civil engineer will be made on the property as soon as company can locate one.
b. Same as a.
11-12-13-14. Answered on Form MF100 accompanying
15. By truck from mine site over all weather county and state maintained hiways to LAWS Calif. a distance of 34 miles. From mine exit to hiway the company will have to build about ½ mile of dirt road to reach county hiway. 8 miles of this latter connects with the paved hiway. From LAWS ore will be shipped to Salt Lake City by rail, the latter being the nearest point designated by the A.E.C. for handling the type of ore coming from this prospect. Vitro Chemical Co has had the ore for some time now conducting tests to prepare flow sheets for this type of ore. This Co. is in Salt Lake area.
16-17-18 See MF 100
19. These claims lie in country which is easy of access. The general formation on the c laims themselves make it appear that it would not be too difficult to mine and to handle the activities surrounding the exterior of any active mine. This company also has 12 other c laims more or less surrounding these five which would allow for large scale operation if the additional 12 claims are commercially mineralized as they seem to be from more or less minor examination.
20. Uranium basically. There are other commercial values in the area of the property. See pa 12 MF100 accompanying.
21. Develop ore body in about 1 year.
22. The whole area is heavily mineralized. The formations are such that this would be expected. The company has found uranium ore U3O8 of commercial assay worth, the extent of which seems to be rather large but the true extent is unknown and can only be determined by considerable exploration which the company is financially unable to manage alone.

Page 1 Insert to Form 103

Owner 773 (Cont.)

85-6

Insert to Form MF103
Page 2

Natural Resources Developing Co.
354 Village Lane
Los Gatos, Calif.

May 10,1951

	Per Mo.	Per Year
23.a Labor		
3 miners, 3 muckers, Truck and Loader oper.	2850	34,200
b. Mining Engr.	600	7,200
Office asst.	300	3,600
c. None		
d. Ore bin		800
Bunk house, tool house and cook house		12,000
e. Gas driven winch		500
Ore Truck		5,000
Loader		3,000
Bulldozer		5,000
Lighting Equip		1,000
f. Ore cars and track		500
g. Truck and Compressor w/equip.	600	7,200
h. Timber	500	6,000
Gas and oil	400	4,800
i. Power	100	1,200
Repair and Maint.	500	6,000
Ins. and Taxes	400	4,800
Contingencies	600	7,200
		100,000

24. Time Schedule using same sub pars as in 23 above.
1st Month.
Purchase and assembly of equipmentm clearing of existing tunnels, bulldozing ½ mile of road.

a $700
b. 900
c. - -
d. 800
e. 500
f. 500
g. 600
h. 400
i. 800

$5200

Natural Resources Developing Co
354 Village Lane
Los Gates, Calif.

May 10,1951

24 Continued

2nd Month. Purchase of additional equip. extending tunnels drifts, corssouts, stockpiling ore.

a. $1900
b. 900
c. - -
d. 1000
e. 9000
f. - -
g. 600
h. 600
i. 1000
$15,000

3rd Month. Purchase of remaining equip., extension of exploration and stockpiling of ore.

a. $2850
b. 900
c. - -
d. 1000
e. $5000
f. - -
g. 600
h. 900
i. 1600
$12850

4th Month. Continuation of exploration, shipping of ore.

a. $2850
b. 900
c. - -
d. - -
e. - -
f. - -
g. 600
h. 900
i. 3000 First shipping costs from contingent funds. Thereafter sale of ore should cover.
$8250

5th to 12th month inclusive. continued exploration and shipping of certain amount of ore at average cost of 7800 per month.

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-775 X

Date received 5/17/51

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

Name and address of applicant

Date May 10,1951

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?
   (*b*) What are the byproducts, if any?
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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.)					
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.

12. Ore or Mineral Reserves:

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

Natural Resources Developing Co.
354 Village Lane
Los Gatos, Calif.

May 10,1951

Insert for Form MF 100

1.a The ores contained in this property are uranium, lead, silver gold together with others as shown in assay report in smaller quantities.
b. None
2. The property consists of five mining claims called Wild Bill Nos 1 to 5.
a. Shafts none
b. Drift 10 ft Crosscuts 40 ft.
c. Two tunnels - total 360 ft.
d. None.
No flooding and no pumping problems .
3.a. Nearest town Benton - approx 10 miles NE of property
b. Nearest shipping point 34 miles south of property Laws Calif
b. Chidago
c. Twp. 3 S R31 E SRC 18
d. Mono County, California
4.a. Not in operation
b. Company is sole owner but is not operating
5. Not applicable- Only at beginning of exploratory stage.
6. See Insert Page 6 of our original application No DMA775
7.a-b-c; Not applicable
8. See Page7 of our original application No DMA775
9. Same as 8 above.
10. Not applicable
11. Not applicable
12.a. Extent of ore body is not known. Ore is in a strong vein as found thus far. For detail see Assay report on content. Also see copy of letter from Atomic Energy Comm enclosed.
b 1-2 Not applicable for this application
c.Not applicable
13.34 miles on all weather county and state maintained roads to shipping point
38 miles over same type roads to supply and residence points
Accomodations in Benton 10 miles away limited and disregarded.
14- 15 Not applicable at present
16 Engineer and 2 muckers for exploration thus far.
17. No buildings. Truck, trailer, jack hammer, compressor and tools camping equipment available.
18. No particular circumstances surrounding the property, except it is unusually easy to get at, and will be very easy to get it into productive operations if desired, due to lay of land , direction of vein etc.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET

SAN FRANCISCO. April 9, 1951

SAMPLE OF ORE

DEPOSITED BY Natural Resources & Developing Co.
354 Village Lane, Los Gatos, Calif.

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value @ $	Percentages	
28393	Wild Bill # 1	.89	31.15	4.40	3.96	Lead	42.06
						Copper	2.13
						Uranium Oxide (U_3O_8)	0.34
						Vanadium	1.58
						Cerium	None Found
						Thorium	" "

Encl / DMH 775

ABBOT A. HANKS, INC.

G. I. Bee

ADDRESS REPLY TO:

COLORADO EXPLORATION BRANCH
NEW YORK RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLO.

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

AND REFER TO: CEB:EVR

May 2, 1951

Encl 2
DMA 775

Mr. L. H. Halverson
Natural Resources
354 Village Lane
Los Gatos, California

Dear Mr. Halverson:

Thank you for the sample of uranium ore from your mining property. I had it run radiometrically, and find that it runs between 0.3 and 0.4% U_3O_8 equivalent.

We would like very much to look at your property, but inasmuch as it is located in an area assigned to our Denver office, we are referring your request to C. C. Towle with a copy of this letter. Any further inquiries which you may have concerning your property should be addressed directly to Mr. Towle at the following address: Charles C. Towle, Jr., U. S. Atomic Energy Commission, P. O. Box 7647, Lakewood Branch, Denver 15, Colorado.

Very truly yours,

Bellmont 336''

E. V. Reinhardt

E. V. Reinhardt, Supervisor
Geologic Investigations
Colorado Exploration Branch
New York Division, Raw Materials

CC: C. C. Towle

(*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)					
Indicated (probable)					

(*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.

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Natural Resources Developing Co
354 Village Lane Los Gatos, Calif
(Name of company)

By L. W. Styes
(Signature of authorized official)

May 10,1951
(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

Form MF-103
(April 1951)

U. 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-775 X

Date received 5/17/51

Participation

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 4 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 10,1951

FILL IN THIS BLOCK

Date of application May 10,1951
Original Appl DMA775 on Feb 24,1951

Estimated cost $100,000

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Twp 3S R31E Sec18
north of LAWS Calif.

Date of filing MF-100 May 10.1951 with this form DMA Docket Number, if available 775 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.
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.
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?

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

    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.

Natural Resources Developing Co
354 Village Lane Los Gatos, Calif
(Name of company)

By L. W. Sleger
(Signature of authorized official)

May 10,1951
(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

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 4 1951
SAN FRANCISCO, CALIFORNIA

Insert for Form MF 103

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

May 10,1951

1. A Corporation
2. Not applicable
3. -4-5. Answered either on Form MF100 accompanying or on the original application now filed with you under DMA775.

6. No encumbrances or liens . Property free and clear.
7. Not applicable
8. See Page 9 of original application DMA775
9. $10,000. Yes on 10% participation basis.
10. The property involved consists of 5 mining claims. They are located as follows : Township 3 South Range 31 East Section 18. A regular survey by a licensed civil engineer will be made on the property as soon as company can locate one.
    b. Same as a.
11-12-13-14. Answered on Form MF100 accompanying
15. By truck from mine site over all weather county and state maintained hiways to LAWS Calif. a distance of 34 miles. From mine exit to hiway the company will have to build about ½ mile of dirt road to reach county hiway. 8 miles of this latter connects with the paved hiway. From LAWS ore will be shipped to Salt Lake City by rail, the latter being the nearest point designated by the A.E.C. for handling the type of ore coming from this prospect. Vitro Chemical Co has had the ore for some time now conducting tests to prepare flow sheets for this type of ore. This Co. is in Salt Lake area.
16-17-18 See MF 100
19. These claims lie in country which is easy of access. The general formation on the claims themselves make it appear that it would not be too difficult to mine and to handle the activities surrounding the exterior of any active mine. This company also has 12 other claims more or less surrounding these five which would allow for large scale operation if the additional 12 claims are commercially mineralized as they seem to be from more or less minor examination.
20. Uranium basically. There are other commercial values in the area of the property. See pa 12 MF100 accompanying.
21. Develop ore body in about 1 year.
22. The whole area is heavily mineralized. The formations are such that this would be expected. The company has found uranium ore U308 of commercial assay worth, the extent of which seems to be rather large but the true extent is unknown and can only be determined by considerable exploration which the company is financially unable to manage alone.

Insert to Form MF103
Page 2

Natural Resources Developing Co.
354 Village Lane
Los Gatos, Calif.

May 10,1951

	Per Mo.	Per Year
23.a Labor		
3 miners, 3 muckers, Truck and Loader oper.	2850	34,200
b. Mining Engr.	600	7,200
Office asst.	300	3,600
c. None		
d. Ore bin		800
Bunk house, tool house and cook house		2,000
e. Gas driven winch		500
Ore Truck		5,000
Loader		3,000
Bulldozer		5,000
Lighting Equip		1,000
f. Ore cars and track		500
g. Truck and Compressor w/equip.	600	7,200
h. Timber	500	6,000
Gas and oil	400	4,800
l. Power	100	1,200
Repair and Maint.	500	6,000
Ins. and Taxes	400	4,800
Contingencies	600	7,200
		100,000

24. Time Schedule using same sub pars as in 23 above.
1st Month.
Purchase and assembly of equipmentm clearing of existing tunnels, bulldozing ½ mile of road.

a $700
b. 900
c. - -
d. 800
e. 500
f. 500
g. 600
h. 400
i. 800

$5200

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

May 10,1951

24 Continued

2nd Month. Purchase of additional equip. extending tunnels drifts, corsscuts, stockpiling ore.

a. $1900
b. 900
c. - -
d. 1000
e. 9000
f. - -
g. 600
h. 600
i. 1000
$15,000

3rd Month. Purchase of remaining equip., extension of exploration and stockpiling of ore.

a. $2850
b. 900
c. - -
d. 1000
e. $5000
f. - -
g. 600
h. 900
i. 1600
$12850

4th Month. Continuation of exploration, shipping of ore.

a. $2850
b. 900
c. - -
d. - -
e. - -
f. - -
g. 600
h. 900
i. 3000 First shipping costs from contingent funds.Thereafter sale of ore should cover.
$8250

5th to 12th month inclusive. continued exploration and shipping of certain amount of ore at average cost of 7300 per month.

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

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-775 X

Date received 5/17/51

Participation

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif

Name and address of applicant

Date May 10,1951

FILL IN THIS BLOCK

Date of application May 10 1951
Original Appl. DMA775 on Feb 24,1951

Estimated cost $100,000

Mineral or metal Uranium

Percentage of Government participation 90%

Location of mine Twp 3S R31E Sec 18
north of LAWS Calif

Date of filing MF-100 May 10,1951 with this Form

DMA Docket Number, if available 775 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.
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.
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?

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

    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.

Natural Resources Developing Co
(Name of company)

By C. W. Style
(Signature of authorized official)

354 Village Lane, Los Gatos, Calif

May 10, 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

Insert for Form MP 103

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

May 10,1951

1. A Corporation
2. Not applicable
3. -4-5. Answered either on Form MP100 accompanying or on the original application now filed with you under DMA775.

6. No encumbrances or liens . Property free and clear.
7. Not applicable
8. See page 9 of original application DMA775
9. $10,000. Yes on 10% participation basis.
10. The property involved consists of 5 mining claims. They are located as follows : Township 3 South Range 31 East Section 18. A regular survey by a licensed civil engineer will be made on the property as soon as company can locate one.
b. Same as a.
11-12-13-14. Answered on Form MP100 accompanying
15. By truck from mine site over all weather county and state maintained hiways to LAWS Calif. a distance of 34 miles. From mine exit to hiway the company will have to build about ½ mile of dirt road to reach county hiway. 8 miles of this latter connects with the paved hiway. From LAWS ore will be shipped to Salt Lake City by rail, the latter being the nearest point designated by the A.E.C. for handling the type of ore coming from this prospect. Vitro Chemical Co has had the ore for some time now conducting tests to prepare flow sheets for this type of ore. This Co. is in Salt Lake area.
16-17-18 See MP 100
19. These claims lie in country which is easy of access. The general formation on the claims themselves make it appear that it would not be too difficult to mine and to handle the activities surrounding the exterior of any active mine. This company also has 12 other claims more or less surrounding these five which would allow for large scale operation if the additional 12 claims are commercially mineralized as they seem to be from more or less minor examination.
20. Uranium basically. There are other commercial values in the area of the property. See pa 12 MP100 accompanying.
21. Develop ore body in about 1 year.
22. The whole area is heavily mineralized. The formations are such that this would be expected. The company has found uranium ore U3O8 of commercial assay worth, the extent of which seems to be rather large but the true extent is unknown and can only be determined by considerable exploration which the company is financially unable to manage alone.

Page 1 Insert to Form 103

Insert to Form MF103
Page 2

Natural Resources Developing Co.
554 Village Lane
Los Gatos, Calif.

May 10,1951

23.a Labor	Per Mo.	Per Year
3 miners, 3 muckers, Truck and Loader oper.	2850	34,200
b. Mining Engr.	600	7,200
Office asst.	300	3,600
c. None		
d. Ore bin		800
Bunk house, tool house and cook house		*2,000
e. Gas driven winch		800
Ore Truck		5,000
Loader		3,000
Bulldozer		5,000
Lighting Equip		1,000
f. Ore cars and track		500
g. Truck and Compressor w/equip.	600	7,200
h. Timber	500	6,000
Gas and oil	400	4,800
i. Power	100	1,200
Repair and Maint.	500	6,000
Ins. and Taxes	400	4,800
Contingencies	600	7,200
		100,000

24. Time Schedule using same sub para as in 23 above.
1st Month.
Purchase and assembly of equipment, clearing of existing tunnels, bulldozing ½ mile of road.

a $700
b. 900
c. - -
d. 800
e. 500
f. 500
g. 600
h. 400
i. 800

$5200

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

May 10,1951

24 Continued

2nd Month. Purchase of additional equip. extending tunnels drifts, coresscouts, stockpiling ore.

a. $1900
b. 900
c. - -
d. 1000
e. 9000
f. - -
g. 600
h. 600
i. 1000
$15,000

3rd Month. Purchase of remaining equip., extension of exploration and stockpiling of ore.

a. $2850
b. 900
c. - -
d. 1000
e. $5000
f. - -
g. 600
h. 900
i. 1600
$12850

4th Month. Continuation of exploration, shipping of ore.

a. $2850
b. 900
c. - -
d. - -
e. - -
f. - -
g. 600
h. 900
i. 3000 First shipping costs from contingent funds. Thereafter
$8250 sale of ore should cover.

5th to 12th month inclusive. continued exploration and shipping of certain amount of ore at average cost of 7800 per month.

Insert for Form No 100

Natural Resources Developing Co
592 Village Lane
Los Gatos, Calif.

May 10,1961

1. A Corporation
2. Not applicable
3. -4-5. Answered either on Form No100 accompanying or on the original application now filed with you under NM775.

6. No encumbrances or liens . Property free and clear.
7. Not applicable
8. See page 9 of original application NM775
9. 10,000. Yes on 10% participation basis.
10. The property involved consists of 5 mining claims. They are located as follows : Township 5 South Range 31 East Section 10. A regular survey by a licensed civil engineer will be made on the property as soon as company can locate one.
b. Same as a.
11-12-13-14. Answered on Form No100 accompanying
15. By truck from mine site over all weather county and state maintained highways to Lake Calif. a distance of 34 miles. From mine exit to highway the company will have to build about 5 miles of dirt road to reach county highway. 3 miles of this latter connects with the paved highway. Iron Ore will be shipped to Salt Lake City by rail, the latter being the nearest point designated by the A.E.C. for handling the type of ore coming from this prospect. Vitro Chemical Co has had the ore for some time and conducting tests to prepare flow sheets for this type of ore. Ohio Co. is in Salt Lake area.
16-17-18 See NM 100
19. These claims lie in country which is easy of access. The general formation on the 5 claims themselves make it appear that it would not be too difficult to mine and to handle the activities surrounding the exterior of any active mine. This company also has 12 other 5 claims more or less surrounding these five which would allow for large scale operation if the additional 12 claims are commercially mineralized as they seem to be from more or less minor examination.
20. Uranium basically. There are other commercial values in the iron of the property. See pg 12 No100 accompanying.
21. Develop ore body in about 1 year.
22. The whole area is heavily mineralized. The formations are such that this would be expected. The company has found uranium ore used of commercial assay worth, the extent of which seems to be rather large but the true extent is unknown and only be determined by considerable exploration which the company is financially unable to manage alone.

Page 1 Insert to Form 100

Natural Resources Developing Co.
334 Village Lane
Los Gatos, Calif.

May 10,1951

23.		Per Mo.	Per Year
a.	Labor		
	3 miners, 3 muckers, Truck and loader oper.	2500	30,000
b.	Mining Engr.	600	7,200
	Office asst.	250	3,000
c.	Land		
d.	Ore bin		800
	Bunk house, tool house and cook house		x2,000
e.	Ore driven winch		500
	Ore Truck		5,000
	Loader		5,000
	Bulldozer		5,000
	Lighting equip		1,000
f.	Ore cars and track		500
g.	Truck and compressor w/equip.	600	7,200
h.	Timber	500	6,000
	Gas and oil	400	4,800
i.	Power	100	1,200
	Repair and Maint.	500	6,000
	Ins. and taxes	400	4,800
	Contingencies	600	7,200
			100,900

24. Give schedule using same and page as in 23 above.
Not Known.
Purchase and assembly of equipment consisting of existing vehicle, building & bits of wood.

a. 700
b. 500
c. - -
d. 800
e. 800
f. 500
g. 800
h. 800
i.

Natural Resources Developing Co
954 Village Lane
Los Gatos, Calif.

May 10,1951

24 Continued

2nd Month. Purchase of additional equip. extending tunnels drifts, crosscuts, stockpiling ore.

a. $1900
b. 900
c. - -
d. 1000
e. 9000
f. - -
g. 600
h. 600
i. 1000
$15,000

3rd Month. Purchase of remaining equip., extension of exploration and stockpiling of ore.

a. $2850
b. 900
c. - -
d. 1000
e. $5000
f. - -
g. 600
h. 900
i. 1600
$12850

4th Month. Continuation of exploration, shipping of ore.

a. $2850
b. 900
c. - -
d. - -
e. - -
f. - -
g. 600
h. 900
i. 2900 Pirst shipping costs from contingent funds. Thereafter
$8850 sale of ore should cover.

5th to 18th month inclusive. continued exploration and shipping of certain amount of ore at average cost of 7800 per month.

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-775X

Date received 5/17/51

Participation

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

Name and address of applicant

Date May 10,1951

FILL IN THIS BLOCK

Date of application May 10,1951 Estimated cost $100,000

Original Appl. DMA 775 on Feb 24/51

Mineral or metal Uranium Percentage of Government participation 90%

Location of mine Twp 3 S, R31E Sec 18

north of LAWS Calif.

Date of filing MF-100 May 10,1951 with this Form DMA Docket Number, if available 775 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.
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.
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?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.

Natural Resources Developing Co
(Name of company)

By C. W. Style
(Signature of authorized official)

354 Village Lane, Los Gatos, Calif

May 10, 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-775 X

Date received 5/12/51

Natural Resources Developing Co
354 Village Lane
Los Gatos Calif.

Name and address of applicant

Date May 10, 1951

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?
   (*b*) What are the byproducts, if any?
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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.)					
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.

12. Ore or Mineral Reserves:

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

General Resources Developing Co.
354 Village Lane
Los Gatos, Calif.

May 10,1951

Insert for Form DM 100

1.a The ores contained in this property are uranium, lead, silver gold together with others as shown in assay report in smaller quantities.
b. None
2. The property consists of five mining claims called Gold Bill Nos 1 to 5.
a. Shafts none
b. Drift 10 ft crosscuts 40 ft.
c. Two tunnels - total 300 ft.
d. None.
No flooding and no pumping problem .
3.a. Nearest town Benton - approx 10 miles NE of property
b. Nearest shipping point 56 miles south of property Lone Calif
b. Chicago
c. Twp. 3 S R31 E SBM 18
d. Mono County, California
4.a. Not in operation
b. Company is sole owner but is not operating
5. Not applicable- only at beginning of exploratory stage.
6. See Insert page 6 of our original application No DM775
7.a-b-c; Not applicable
8. See page7 of our original application No DM775
9. Same as 8 above.
10. Not applicable
11. Not applicable
12.a. Extent of ore body is not known. Ore is in a strong vein as found thus far. For detail see Assay report on content. Also see copy of letter from Atomic Energy Comm enclosed.
b 1-2 Not applicable for this application
c. Not applicable
13. 54 miles on all weather county and state maintained roads to shipping point
56 miles over dirt type roads to supply and residence points Accomodations in Benton 10 miles away limited and disregarded.
14- 15 Not applicable at present
16 Engineer and 2 workers for exploration thus far.
17. No buildings. Truck, trailer, jack hammer, compressor and tools camping equipment available.
18. No particular circumstances surrounding the property, except it is unusually easy to get at, and will be very easy to get it into productive operations if desired, due to lay of land , direction of vein etc.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET

SAN FRANCISCO. April 9, 1951

SAMPLE OF ORE

DEPOSITED BY Natural Resources & Developing Co.
354 Village Lane, Los Gatos, Calif.

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages	
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @ $		
28393	Wild Bill # 1	.89	31.15	4.40	3.96	Lead	42.06
						Copper	2.13
						Uranium Oxide (U_3O_8)	0.34
						Vanadium	1.58
						Cerium	None Found
						Thorium	" "

Encl #1
DMA 775

ABBOT A. HANKS, INC.

G. I. Bee

ADDRESS REPLY TO:
COLORADO EXPLORATION BRANCH
NEW YORK RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLO.

AND REFER TO: CEB:EVR

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

May 2, 1951

Encl #2
DMR 775

Mr. L. H. Halverson
Natural Resources
354 Village Lane
Los Gatos, California

Dear Mr. Halverson:

Thank you for the sample of uranium ore from your mining property. I had it run radiometrically, and find that it runs between 0.3 and 0.4% U_3O_8 equivalent.

We would like very much to look at your property, but inasmuch as it is located in an area assigned to our Denver office, we are referring your request to C. C. Towle with a copy of this letter. Any further inquiries which you may have concerning your property should be addressed directly to Mr. Towle at the following address: Charles C. Towle, Jr., U. S. Atomic Energy Commission, P. O. Box 7647, Lakewood Branch, Denver 15, Colorado.

Very truly yours,

E. V. Reinhardt

E. V. Reinhardt, Supervisor
Geologic Investigations
Colorado Exploration Branch
New York Division, Raw Materials

Bellmont 336''

CC: C. C. Towle

(*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)					
Indicated (probable)					

(*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.

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Natural Resources Developing Co
(Name of company)

By L. W. Styer
(Signature of authorized official)

354 Village Lane Los Gatos, Calif

May 10, 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

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-775X

Date received 5/17/51

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

Name and address of applicant

Date May 10,1951

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?
   (*b*) What are the byproducts, if any?
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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.)					
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.

12. Ore or Mineral Reserves:

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

[illegible] Mining & Developing Co.
[illegible]
[illegible], [illegible]

May 10, 195[illegible]

Report for Form [illegible] 100

1.a The ores contained in this property are uranium, lead, silver gold together with others as shown in assay report in smaller quantities.
  b. None
2. The property consists of five mining claims called [illegible] Nos 1 to 5.
  a. [illegible]
  b. [illegible] 10 [illegible] ft.
  c. [illegible] tunnels - total [illegible] ft.
  d. None.
  No [illegible] and no pumping [illegible].
3.a. [illegible] - [illegible] 30 miles [illegible] of property
  b. Nearest shipping point [illegible] miles south of property [illegible]
  c. [illegible]
  d. [illegible]
  e. [illegible] County, California
4.a. Not in operation
  b. Property is [illegible] owner but is not operating
5. Not applicable - only at beginning of exploratory stage.
6. See [illegible] page [illegible] of our original application No D[illegible]77[illegible]
7.a-b-c; Not applicable
8. See page 7 of our original application No D[illegible]775
9. Same as 8 above.
10. Not applicable
11. Not applicable
12.a. Extent of ore body is not known. Ore is in a strong vein [illegible]. For details see Assay report on content. Also see copy of letter from Atomic Energy Comm enclosed.
  b 1-3 Not applicable for this application
  c. Not applicable
13. [illegible] miles on all weather county and state maintained roads to shipping point
[illegible] miles over [illegible] to supply and [illegible] points
Accommodations in [illegible] 20 miles only is [illegible] and [illegible].
14- 15 Not applicable at present
16 Engineer [illegible] for application [illegible].
17. No buildings. [illegible], [illegible], [illegible], compressor and tools [illegible] available.
18. No particular circumstances [illegible] on the property, except it is unusually easy to get at, and will be very easy to get it into production [illegible] if [illegible], due to lay of land, direction of vein etc.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET

SAN FRANCISCO. April 9, 1951

SAMPLE OF ORE

DEPOSITED BY Natural Resources & Developing Co.
354 Village Lane, Los Gatos, Calif.

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value @ $	Percentages	
28393	Wild Bill # 1	.89	31.15	4.40	3.96	Lead	42.06
						Copper	2.13
						Uranium Oxide (U_3O_8)	0.34
						Vanadium	1.58
						Cerium	None Found
						Thorium	" "

Encl #1
DMR 775

ABBOT A. HANKS, INC.

G. T. Beer

ADDRESS REPLY TO:
COLORADO EXPLORATION BRANCH
NEW YORK RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 359
GRAND JUNCTION, COLO.

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

AND REFER TO: CEB:EVR

May 2, 1951

Encl #2
DMA 775

Mr. L. H. Halverson
Natural Resources
354 Village Lane
Los Gatos, California

Dear Mr. Halverson:

Thank you for the sample of uranium ore from your mining property. I had it run radiometrically, and find that it runs between 0.3 and 0.4% U_3O_8 equivalent.

We would like very much to look at your property, but inasmuch as it is located in an area assigned to our Denver office, we are referring your request to C. C. Towle with a copy of this letter. Any further inquiries which you may have concerning your property should be addressed directly to Mr. Towle at the following address: Charles C. Towle, Jr., U. S. Atomic Energy Commission, P. O. Box 7647, Lakewood Branch, Denver 15, Colorado.

Very truly yours,

Bellmont 336''

E. V. Reinhardt

E. V. Reinhardt, Supervisor
Geologic Investigations
Colorado Exploration Branch
New York Division, Raw Materials

CC: C. C. Towle

HW
LMW

(*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)					
Indicated (probable)					

(*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.

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

(Name of company)

By L. W. Styer
(Signature of authorized official)

(Date)

(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

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-775

Date received 5/17/51

Natural Resources Developing Co
354 Village Lane
Los Gatos, Calif.

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?
   (*b*) What are the byproducts, if any?
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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	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.)					
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.

12. Ore or Mineral Reserves:

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

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET

SAN FRANCISCO. April 9, 1951

SAMPLE OF ORE

DEPOSITED BY Natural Resources & Developing Co.
354 Village Lane, Los Gatos, Calif.

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value @ $	Percentages	
28393	Wild Bill # 1	.89	31.15	4.40	3.96	Lead	42.06
						Copper	2.13
						Uranium Oxide (U_3O_8)	0.34
						Vanadium	1.58
						Cerium	None Found
						Thorium	" "

Encl 1
DM8775

ABBOT A. HANKS, INC.

G. T. Bell

ADDRESS REPLY TO:

COLORADO EXPLORATION BRANCH
NEW YORK RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 250
GRAND JUNCTION, COLO.

AND REFER TO: CEB:EVR

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

May 2, 1951

Encl 2
DMA 775

Mr. L. H. Halverson
Natural Resources
354 Village Lane
Los Gatos, California

Dear Mr. Halverson:

Thank you for the sample of uranium ore from your mining property. I had it run radiometrically, and find that it runs between 0.3 and 0.4% U_3O_8 equivalent.

We would like very much to look at your property, but inasmuch as it is located in an area assigned to our Denver office, we are referring your request to C. C. Towle with a copy of this letter. Any further inquiries which you may have concerning your property should be addressed directly to Mr. Towle at the following address: Charles C. Towle, Jr., U. S. Atomic Energy Commission, P. O. Box 7647, Lakewood Branch, Denver 15, Colorado.

Very truly yours,

E. V. Reinhardt

E. V. Reinhardt, Supervisor
Geologic Investigations
Colorado Exploration Branch
New York Division, Raw Materials

Bellmont 336''

CC: C. C. Towle

Natural Resources Developing Co.
354 Village Lane
Los Gatos, Calif.

May 10,1951

Insert for Form MP 100

1.a The ores contained in this property are uranium, lead, silver gold together with others as shown in assay report in smaller quantities.
b. None
2. The property consists of five mining claims called Wild Bill Nos 1 to 5.
a. Shafts none
b. Drift 10 ft Crosscuts 40 ft.
c. Two tunnels - total 360 ft.
d. None.
No flooding and no pumping problems .
3.a. Nearest town Benton - approx 10 miles NE of property
b. Nearest shipping point 34 miles south of property Laws Calif
b. Chidago
c. Twp. 3 S R31 E SBC 18
d. Mono County, California
4.a. Not in operation
b. Company is sole owner but is not operating
5. Not applicable- Only at beginning of exploratory stage.
6. See Insert Page 6 of our original application No DRA775
7.a-b-c; Not applicable
8. See Page7 of our original application No DRA775
9. Same as 8 above.
10. Not applicable
11. Not applicable
12.a. Extent of ore body is not known. Ore is in a strong vein as found thus far. For detail see Assay report on content. Also see copy of letter from Atomic Energy Comm enclosed.
b 1-2 Not applicable for this application
c. Not applicable
13. 34 miles on all weather county and state maintained roads to shipping point
38 miles over same type roads to supply and residence points
Accomodations in Benton 10 miles away limited and disregarded.
14- 15 Not applicable at present
16 Engineer and 2 muckers for exploration thus far.
17. No buildings. Truck, trailer, jack hammer, compressor and tools camping equipment available.
18. No particular circumstances surrounding the property, except it is unusually easy to get at, and will be very easy to get it into productive operations if desired, due to lay of land , direction of vein etc.

(*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)					
Indicated (probable)					

(*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.

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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.

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.

Natural Resources Developing Co
(Name of company)

By L. W. Steyer
(Signature of authorized official)

354 Village Lane Los Gatos, Calif

May 10, 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

FILE COPY
SURNAME:

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

From McKnight Herres

APR 12 1951

Mr. C. W. Styer
354 Village Lane
Los Gatos, California

In reply please refer to DMA-775

Dear Mr. Styer:

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 (DMA-775) for financial aid in exploring and developing the mining properties of your company indicates that part of 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 $70,000.00 of your original request.

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

EGLyons:bsp
G 3/21/51

Copies to: Chief, Lead-Zinc Branch
USGS McKnight
L. B. Moon
R. H. Mote
L. F. Strobel
C. O. Mittendorf
Files

Enclosures 2 copies to Harold C. Miller
Exec. Officer, Region III

Mr. Herres

DEFENSE MINERALS ADMINISTRATION

Referral of Applications for Government Aid

Docket No. DMA-775

Commodity: lead zinc, copper and tungsten

Name of Applicant: Natural Resources Developing Company (C. W. Styer, president)

Address of Applicant: 354 Village Lane
Los Gatos, California

Name of Property:

Location of Property:

Nature of Application: Loan of $100,000

Action Dates

Application: 2/24/51

Received: 3/ 3/51

Acknowledged:

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

MAR 9 1951

LANDON F. STROBEL

dma 775

BUREAU OF MINES
WASHINGTON, D.C.
MAR 3 1 00 PM '51

NATURAL RESOURCES DEVELOPING COMPANY
354 Village Lane
Los Gatos, California

February 28, 1951

Mr. William Boyd, Administrator
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Boyd:

I have been authorized by the Board of Directors of my company, Natural Resources Devebping Co., to forward the enclosed application in quadruplicate, for a Government loan in the amount of $100,000.00 to aid in the production of critical and strategic minerals.

We feel that our holdings are such that production of the critical minerals, lead, zinc, copper and tungston can be had on a paying basis within 90 days of the receipt of funds. We, therefore, ask that the loan be processed as soon as possible.

Yours truly,

C. W. Styer

C. W. STYER, President
Natural Resources
Developing Company

CWS:hs
encl.

dma 775

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
$100,000.00

TERMS OF LOAN REQUESTED
4 years - payable $25,000.00 per year

DATE OF APPLICATION
February 24, 1951

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State)
NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane
Los Gatos,
California

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 Further explore, develop, and bring into production a group of mining properties containing various critical metals such as lead, zinc, copper and tungsten.

NATURE OF EXPENDITURE	AMOUNT
Estimated cost of mining equipment	$50,000.00
Estimated cost of milling equipment	30,000.00
Working capital	20,000.00
Total amount applied for	$ 100,000.00

2. PROPOSED METHOD FOR REPAYMENT OF LOAN

State sources of funds, and proposed schedule of repayment

Funds received from sale of concentrates to smelter will be utilized to repay the loan. $25,000.00 a year will be set aside for a period of four years.

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.

Our company has acquired either by purchase, or option to purchase, a group of 16 mining properties located in California, containing lead, zinc, copper and tungsten. We propose to further explore and develop each of these properties with the idea in view of bringing into maximum production, those properties which prove to be the most productive of the above named metals. Some of these properties have already been developed to the point where a small quantity of ore can be immediately removed and processed. It is estimated within 90 days from the time funds are made available, shipment of concentrate to the smelter can be initiated.

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?

Government reports indicate a shortage of lead, zinc, copper and tungsten.

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

Expanding defense production will require more of these materials.

(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.)

Supply of raw lead, zinc, copper and tungsten will expedite manufacture of government defense contracts.

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?

Same as par 4 (d)

(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 metalic	lbs. per mo	none	none	200,000.
zinc "	" "	" "	"	100,000.
copper "	" "	" "	"	100,000
tungsten "	" "	" "	"	40,000

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.)

none

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

None without funds to furnish equipment and man power.

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

above

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

12 men

7. Timing

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

immediately

(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.

Purchase of equipment and stock piling of ore will begin as soon as funds are made available.

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)
	Lead, zinc, copper and tungsten concentrates will be shipped to smelters for further processing.				

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)	
	See 8 (a)			(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):

See 8 (a)

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.)

Manpower requirement of 12 to 15 men, available in local market.
Equipment required consists of turbo mills, tractors, trailers, classifier, floatation cells, filter, reagent feeders, mine cars, tuggers, hoists, bulldozers. These are all available in the San Francisco-Bay region.

Energy will be furnished by deisel and gasoline engines, also available.
Fuel requirements -approximately 100 gals gasoline and 75 gals deisel per day, available locally.
Transportation of concentrates by company owned trucks over State highways to railroad, sixty miles away.

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

Water supply available.
No housing facilities required as properties are all within ten miles of existing communities.
The above includes preparation of facilities and actual operations.

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
	None			

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)*

None

ADDENDA TO FORM NSRB-

NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane,
Los Gatos, California

13 - HISTORY, MANAGEMENT, ETC.

OUR COMPANY HAS NEVER BEEN IN RECEIVERSHIP, BANKRUPTCY, CHAPTER X, XI, OR XII, OR IN THE HANDS OF CREDITORS OR COMMITTEE. WE HAVE NEVER EFFECTED A COMPROMISE WITH CREDITORS. WORKMEN'S COMPENSATION AND LIABILITY INSURANCE IS CARRIED BY THE COMPANY AND WE ARE UNDER NO LITIGATION OF ANY KIND NOR ARE WE THREATENED WITH ANY AT THIS TIME. INSURANCE WILL BE PLACED ON NEW EQUIPMENT AS IT IS PURCHASED.

REAR ADMIRAL C.W. STYER, U.S.N. Ret. The President of our Company served thirty-four years in the Navy as a Commissioned Officer, the last fifteen of which were in position of responsibility in an executive and administrative capacity. He is well qualified to assume overall direction of the company

BRIG.GEN. H.L. WHITTAKER, U.S.Army Ret. The Secretary-Treasurer of our Company served thirty years in the Army as a Commanding Officer, the last sixteen of which were in a position of responsibility not only in executive capacity, but also administrative, having charge of steamship operations as well as train operations and large construction programs for the Army. He is well qualified to assume this position.

MR. LEROY H. HALVERSON: Vice-President, is familiar with the management as well as the production end of the organization, having held such positions as Administrative assistant, Turbine Div. Hendry Iron Works, Sunnyvale, Calif. also, Asst. to Supt. Naval Ordnance, Division of the Hendy Ironworks, Sunnyvale, Calif; also experienced in the manufacturing of equipment and the operating of many types of machinery and heavy equipment that will be used in the operation.

WILLIAM FISCHER: of South San Francisco, California, is our Geologist as well as our Chief Engineer, and will be General Manager of the mining operations. Mr. Fischer is experienced not only in the mining operations necessary for the production of these critical materials, but is familiar with the methods required to operate successfully, having been associated with mining operations in the Pacific Northwest region for the past twenty years. The above combined with the hiring of a full time, experienced mill superintendent whose services will be available shortly, will enable us to start operations and get production started in a very short period of time.

We propose to purchase the additional machinery such as turbo mills, and pulverizer, trucks and trailers, loaders, crushers, classifier, floatation cells, filter, tuggers, mine cars, bulldozers, concentrating table, tractor, mine, etc, equipment such as motors, rock drills, hoists, air pipe, air hose, to supplement our existing field equipment, so that we will be able to start production in as short a time as is possible.

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.

We have been refused credit from local banks on the grounds that mining loans are not in their scope of operations. Scarcity of venture capital for base metals mining operations is due to the fluctuations in the market prices of lead, zinc, copper and tungsten.

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)
C.W.Styer	Pres and D	ø	$125,000	40,000	ø	ø	ø
H.L.Whittaker	Sec-Trea &D	ø	100,000	40,000	ø	ø	ø
L.H. Halverson	V.P. and D	ø		40,000	ø	ø	ø
W. Fischer	E M and Geog	ø		40,000	ø	ø	ø
	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	$ 250,000.00	$160,000.00	$ 1.00	160,000.	none
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.

none

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.

none

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)
No compensation for corporation officers has been arrived at as operations have not yet begun. General Manager's salary has been set at $500.00 per month.			

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:				
Company's ownership interest in all 16 mining properties	1950	100,000.00	500,000.00	
To be acquired:				
Equipment to be acquired		50,000.00	50,000.00	

* 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.

none

Form NSRB-146 (Nov. 1950)	Name and address Natural Resources Developing Co 954 Village Lane, Los Gatos, Calif	Page 9 of 12 pages

EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of _____

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

ASSETS

CURRENT ASSETS	1. Cash		$
	2. Notes receivable	$	
	Less reserve for doubtful notes		
	3. Accounts receivable:		
	Current	$	
	Past due not over 4 months		
	Past due over 4 months	$	
	Less reserve for doubtful accounts		
	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	$ 500,000.00	
	Buildings		
	7. Machinery	3,000.00	
	8. Equipment, furniture, and fixtures	$	
	Less reserve for depreciation		$503,000.00
	9. Investments—stocks and bonds		
	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		
	TOTAL ASSETS		$ 503,000.00

LIABILITIES

CURRENT LIABILITIES	16. Notes payable (see schedule 1, page 10):		
	Banks	$	
	Trade creditors		
	Officers, stockholders, relatives		
	Insurance companies		$
	17. Accounts payable		
	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		$
FIXED AND OTHER LIABILITIES	19. Machinery liens		
	20. Mortgage debts (see schedule 2, page 10)		
	21. Bonds or debentures (see schedule 2, page 10)		
	22. Other liabilities		
NET WORTH	23. Common stock (if Applicant is incorporated)	$ 160,000.00	
	24. Preferred stock (if Applicant is incorporated)		
	25. Surplus (if Applicant is incorporated)	343,000.00	
	26. Capital and Surplus Account (if Applicant is partnership or individual)		
	TOTAL LIABILITIES		$ 503,000.00
	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)
	none			

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
	none		$	
TOTAL	X X X X X X X	X X X X X X	$	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)			Current year as of date of Exhibit A
	19	19	19	
1. Net sales				
2. Cost of goods sold				
3. Gross profit on sales (line 1 minus line 2)				
4. Other income (itemize)				
5. Total (line 3 plus line 4)				
6. Salaries (officers or partners)*		NOT YET OPERATING		
7. Selling and all other expenses				
8. Total of lines 6 and 7				
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)				
10. Depreciation				
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)				
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period				
14. Net profit or loss for period				
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss				
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				
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				

* 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 _____
(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	19	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash				
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.				
Delivery equipment	Not yet in operation			
Real estate and buildings used in business				
6. Other assets (as investments, real estate not used in business, etc.):				
TOTAL ASSETS				
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable				
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts				
13. Debentures				
14. Other fixed liabilities:	Not yet in operation			
RESERVES:				
15. Reserve for depreciation				
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)				
18. Preferred stock (issued) (if Applicant is incorporated)				
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES				

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.

SUPPLEMENTAL INFORMATION: RE- APPLICATION OF NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane, Los Gatos, California

1:- GENERAL DESCRIPTION OF MINERAL SHOWINGS AND KNOWN DIMENSIONS OF DEPOSITS OF LEAD, ZINC, COPPER AND TUNGSTEN

LEAD ONE: The surface outcropping of the vein appears over an area 900 (approx) feet long. Two tunnels - three winzes-and seven open cuts have exposed veins at different elevations. The nature of all work has been surface work, and exploration. We have uncovered many ore bodies consisting of lenses varying in width of vein and of undetermined length. All this work has been done without the aid of machinery and the samples taken to determine the average value of the ore body.

ASSAY : lead 12.5 %
silver 7.60 oz.

LEAD TWO: This property has three tunels, winze, and one shaft with several vein outcrops. Lead, silver and gold. Various samples taken throughout the property show the following:

ASSAY: : lead 10.63%
silver 4.03 oz. highest lead assay 21.27%
gold .24 oz.

LEAD THREE: This property in the nature of surface outcrops and all development work,has been done on or near the surface assays listed below:

ASSAY: : lead 18.65 %
silver 14.85 oz
gold .09 oz.

LEAD FOUR: : Surface outcrops

ASSAY: : lead samplings vein: 47.03 %
silver 41.10 oz
zinc .45 %

LEAD-ZINC: INDIAN: Nature of work to date:
one tunnel,twenty feet ore body approximately two and one half ft. in quartz
one winze, twenty feet showing two and one half feet in quartz
one cut alongside vein showing three feet of quartz, one cut.

ASSAY: : Leroy 2 : Lead 20.98
zinc 15.29
Leroy 3 : lead 19.67
zinc 11.38
Stacked: lead 0.21
zinc 7.92

Supplemental Information: Re- Application of Natural Resources Developing Co.,
354 Village Lane, Los Gatos, California

LEAD FOUR: North Mountain: One tunnel surface outcrops.

ASSAY: : lead 24.32 %
zinc 20.79%
silver 33.10 oz

COPPER: ONE-GROUSE : Surface

ASSAY: copper 1.53
copper 8.05 (near surface)

COPPER TWO: One three foot vein exposed

ASSAY: copper 8.83
silver 2.00

COPPER THREE:

ASSAY: Copper 6.73

TUNGSTEN: ONE: Group composed of five unpatented claims. Large surface exposure

A SSAY: Tungstuc oxide 2.14 %

THE KNOWN DIMENSIONS OF THE DEPOSITS CAN BE DETERMINED TO A FURTHER EXTENT THAN DESCRIBED IN THE PRECEDING ASSAY REPORTS BY OPENING UP THE MINERALIZED AREAS AS THE SURFACE EXPOSURES AND THE GEOLOGY OF THE AREAS SHOW THAT IT IS POSSIBLE THAT HEAVY MINERALIZATION TOOK PLACE.

A RECENT REPORT FOR THE YEAR 1948 AS PUBLISHED BY THE STATE OF CALIFORNIA BUREAU OF MINES, SHOW THE PRODUCTION FOR THE COUNTY OF INYO, THE AREA IN WHICH THE MAJORITY OF OUR PROPERTIES ARE LOCATED AS:

		POUNDS	VALUE
	lead.....	17,240,000	$3,085,960
1948:	copper	598,000	129,766
	zinc	9,320,000	1,239,560

THE LARGEST KNOWN OPERATION IN THE U.S. AS FAR AS THE HANDLING OF TUNGSTEN ORES IS LOCATED IN THE COUNTY OF INYO, STATE OF CALIFORNIA.

1941 INYO COUNTY TUNGSTEN PRODUCTION 117,166 (units) Value $2,868,870.

3: ALL AVAILABLE HISTORY OF THIS AREA SHOWS A VERY GOOD PRODUCTION RECORD.
Reference: California Journal of Mines and Geology
Vol. 47 Number 1

4: DESCRIPTIONS OF MINE WORKINGS:
The nature of the areas are such that a fair amount of timbering will be necessary.

5: SAMPLINGS AND ASSAYS:
The above were taken with the purpose of averaging the ore bodies to the extent of making it a profitable venture and with the ratio of return that can be expected by the type of machinery that we are employing, we can ship concentrates four to five times the value

Supplemental Information Re- Application of Natural Resources Developing Co.,
354 Village Lane, Los Gatos, California

of preceding assays.

All spectrographic analyses and assays were compiled by the reputable and old established firm of Abbott A Hanks, Inc., San Francisco, Calif.

6: Engineers report on the properties are in the nature of preliminary reports, and are not available at this time.

7: DESCRIPTION OF SURFACE AND UNDERGROUND INSTALLATIONS AND EQUIPMENT:
The equipment used to open surface deposits has been the use of explosives and the use of air hammer and compressor.

8: DESCRIPTION OF PROPOSED PROJECT, INCLUDING TYPES OF ASSISTANCE DESIRED:
We propose to produce lead, zinc, copper and tungsten concentrates through the use of modern methods required to process and used for the recovery of these metals from the ore. We require financial assistance in the form of a loan. These funds will enable us, in the purchase of additional equipment and to provide a reasonable amount of working capital with which to begin operations.

9: REQUIREMENTS FOR PROPOSED PROJECT IN TERMS OF MONEY, MANPOWER, CONSTRUCTION, EQUIPMENT, SUPPLIES, ROADS, WATER SUPPLY, AND TIME TO CARRY OUT PROJECT:
Under Paragraph one, page on of Form NSRB 146, we have listed the requirements in the terms of money.
Paragraph nine gives requirements in the terms of manpower equipment and supplies.
In regard to timing - the operation will be divided into two parts - Phase one: Preparation. Phase two: Operation.

Phase one would start immediately upon receipt of funds. This would consist of starting a crew on clearing the site, opening up the ore body and begin mining operations in the form of stockpiling ore out at the site of the operation which would in turn also be the site of the future mill. The Company already owns sufficient equipment at the site areas to begin this phase at once. It would take but 3 to 4 men on one shift, very little transportation of any kind, and consequently, a very low payroll.

The preparatory work, and, most important of all, the stockpiling of ore, under Phase one would continue only until the arrival of the mill equipment. The company has been promised delivery on this equipment six weeks from the date of order. The company believes that the manufacturer is and will be capable of fulfilling the obligation as, and in the time, stated.

Under Phase two, the stockpile would be processed at the rate of 50 tons per day. At a five to one ratio, this would mean 10

Supplemental Information Re - Application of Natural Resources Developing Co.,
354 Village Lane, Los Gatos, California

tons of concentrate per day. At the same time full operation of 3 shifts per day would be started in the ground operations. The net result would be the shipment of 4 cars per month to the smelter, cars being of 40 ton capacity or 160 tons of concentrate per month. These shipments would pay all operating costs, pay back the loan and show a profit between the 60th and 90th day after START TO operations start.

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.

Witness: H. H. Quincin
Address of witness: PO Box 37 Duncitogen Cal.

Natural Resources Developing Co.
L. W. Styer, President.
H. L. Whittaker Sec.-Treas
attest

Dated Feb. 28, 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 Feb. 28, 1951

Witness: _____ (For individual applicants)

_____ (Signature)

Witness: _____ (For partnership applicants)

_____ (Full name of firm)

By _____, a general partner.
(Signature)

(For corporate applicants)

(CORPORATE SEAL)

NATURAL RESOURCES DEVELOPING CO
(Full corporate name of Applicant)

Attest: H. L. Whittaker (Signature), Secretary-Treasurer (Title)

By L. W. Styer (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

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
$100,000.00

TERMS OF LOAN REQUESTED
4 years- payable $25,000.00 per year

DATE OF APPLICATION
February 24, 1951

NAME AND ADDRESS OF APPLICANT *(Street, City, Zone, State)*
NATURAL RESOURCES DEVELOPING CO
354 Village Lane
Los Gatos, Calif

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 Further explore, develop, and bring into production a group of mining properties containing various critical metals such as lead, zinc, copper and tungsten

NATURE OF EXPENDITURE	AMOUNT
Estimated cost of mining equipment	$50,000.00
Estimated cost of milling equipment	30,000.00
Working capital	20,000.00
Total amount applied for	100,000.00

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

State sources of funds, and proposed schedule of repayment

Funds received from sale of concentrates to smelter will be utilized to repay the loan. $25,000.00 a year will be set aside for a period of four years.

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.

Our company has acquired either by ourchase, or option to purchase, a group of 16 mining properties located in California, containing lead, zinc, copper and tungsten. We propose to further explore and develop each of these properties which prove to be the most productive of the above named metals. Some of these properties have already been developed to the point where a small quantity of ore can be immediately removed and processed. It is estimated within 90 days from the time funds are made available, shipment of concentrates to the smelter can be initiated.

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?

Government reports indicate a shortage of lead, zinc, copper and tungsten

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

Expanding defense production will require more of these materials

(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.)

Supply of raw lead, zinc, copper and tungsten will expedite manufacture of government defense contracts

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?

Same as par 4. (d)

(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 - metallic	lbs. per mo.	none	none	200,000
zinc "	" " "	"	"	100,000
copper "	" " "	"	"	100,000
tungsten "	" " "	"	"	40,000

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.)

none

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

None without funds to furnish equipment and man power

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

above

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

12 men

7. Timing

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

immediately

(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.

Purchase of equipment and stock piling of ore will begin as soon as punds are made available

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)
	Lead, zinc, copper and tungsten		concentrates will be		
	shipped to smelters for further		processing		

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)	
	See 8 (a)			(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):

See 8 (a)

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.)

Manpower requirement of 12 to 15 men, available in local market
Equipment required consists of turbo mills, tractors, trailers classifier, floatation cells, filter, reagent feeders, mine cars, tuggers, hoists, bulldozers. These are all available in the San Francisco-Bay region.

Energy will be furnished by deisel and gasoline engines, also available.
Fuel requirements - approximately 100 gals gasoline and 75 gals deisel per day, available locally.
Transportation of concentrates by company owned trucks over State highways to railroad, sixty miles away.

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

No housing facilities required as properties are all within ten miles of existing communities
The above includes preparation of facilities and actual operations.

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
	none			

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)*

none

ADDENDA TO FORM NSF -146 NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane,
Los Gatos, California

13 - HISTORY, MANAGEMENT, ETC.

OUR COMPANY HAS NEVER BEEN IN RECEIVERSHIP, BANKRUPTCY, CHAPTER X, XI, OR XII, OR IN THE HANDS OF CREDITORS OR COMMITTEE. WE HAVE NEVER EFFECTED A COMPROMISE WITH CREDITORS. WORKMEN'S COMPENSATION AND LIABILITY INSURANCE IS CARRIED BY THE COMPANY AND WE ARE UNDER NO LITIGATION OF ANY KIND NOR ARE WE THREATENED WITH ANY AT THIS TIME. INSURANCE WILL BE PLACED ON NEW EQUIPMENT AS IT IS PURCHASED.

REAR ADMIRAL C.W. STYER, U.S.N. Ret. The President of our Company served thirty-four years in the Navy as a Commissioned Officer, the last fifteen of which were in position of responsibility in an executive and administrative capacity. He is well qualified to assume overall direction of the company

BRIG.GEN. H.L. WHITTAKER, U.S.Army Ret. The Secretary-Treasurer of our Company served thirty years in the Army as a Commanding Officer, the last sixteen of which were in a position of responsibility not only in executive capacity, but also administrative, having charge of steamship operations as well as train operations and large construction programs for the Army. He is well qualified to assume this position.

MR. LEROY H. HALVERSON: Vice-President, is familiar with the management as well as the production end of the organization, having held such positions as Administrative assistant, Turbine Div. Hendry Iron Works, Sunnyvale, Calif; also, Asst. to Supt. Naval Ordnance, Division of the Hendy Iron Works, Sunnyvale, Calif; also experienced in the manufacturing of equipment and the operating of many types of machinery and heavy equipment that will be used in the operation.

WILLIAM FISCHER : of South San Francisco, California, is our Geologist as well as our Chief Engineer, and will be General Manager of the mining operations. Mr. Fischer is experienced not only in the mining operations necessary for the production of these critical materials, but is familiar with the methods required to operate successfully, having been associated with mining operations in the Pacific Northwest region for the past twenty years. The above combined with the hiring of a full time, experienced mill superintendent whose services will be available shortly, will enable us to start operations and get production started in a very short period of time.

We propose to purchase the additional machinery such as turbo mills, and pulverizer, trucks and trailers, loaders, crushers, classifier, floatation cells, filter, tuggers, mine cars, bulldozers, concentrating table, tractor, mine, etc, equipment such as motors, rock drills, hoists, air pipe, air hose, to supplement our existing field equipment, so that we will be able to start production in as short a time as is possible.

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.

We have been refused credit from local banks on the grounds that mining loans are not in their scope of operations. Scarcity of venture capital for base metals mining operations is due to the fluctuations in the market price of lead, zinc, copper and tungsten

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)
C.W. Styer	Pres and D	ø	125,000.00	40,000	ø	ø	ø
H.L. Whittaker	Sec.Tr &D	ø	100,000.00	40,000	ø	ø	ø
H.L. Halverson	V.P. and D	ø		40,000	ø	ø	ø
W. Fischer	E.M. and Geog	ø		40,000	ø	ø	ø
	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	$250,000.00	$160,000.00	$1.00	160,000	none
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.

none

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.

none

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)
No compensation for corporation officers has been arrived at as operations have not yet begun. General Manager's salary has been set at $500.00 per month			

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:				
Company's ownership interest in all 16 mining properties	1950	100,000.00	500,000.00	
To be acquired:				
Equipment to be acquired		50,000.00	50,000.00	

* 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.

none

Natural Resources Developing Co

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EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of _____

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

	ASSETS		
CURRENT ASSETS	1. Cash		$
	2. Notes receivable	$	
	Less reserve for doubtful notes		
	3. Accounts receivable:		
	Current	$	
	Past due not over 4 months		
	Past due over 4 months	$	
	Less reserve for doubtful accounts		
	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	$ 500,000.00	
	Buildings		
	7. Machinery	3,000.00	
	8. Equipment, furniture, and fixtures	$	
	Less reserve for depreciation		503,000.00
	9. Investments—stocks and bonds		
	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		
	TOTAL ASSETS		$503,000.00
	LIABILITIES		
CURRENT LIABILITIES	16. Notes payable (see schedule 1, page 10):		
	Banks	$	
	Trade creditors		
	Officers, stockholders, relatives		
	Insurance companies		$
	17. Accounts payable		
	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		$
FIXED AND OTHER LIABILITIES	19. Machinery liens		
	20. Mortgage debts (see schedule 2, page 10)		
	21. Bonds or debentures (see schedule 2, page 10)		
	22. Other liabilities		
NET WORTH	23. Common stock (if Applicant is incorporated)	$ 160,000.00	
	24. Preferred stock (if Applicant is incorporated)		
	25. Surplus (if Applicant is incorporated)	343,000.00	
	26. Capital and Surplus Account (if Applicant is partnership or individual)		
	TOTAL LIABILITIES		$503,000.00
	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)
	none			

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
	none		$	
TOTAL	X X X X X X	X X X X X X	$	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	19	Current year as of date of Exhibit A
1. Net sales				
2. Cost of goods sold				
3. Gross profit on sales (line 1 minus line 2)	NOT YET OPERATING			
4. Other income (itemize)				
5. Total (line 3 plus line 4)				
6. Salaries (officers or partners)*				
7. Selling and all other expenses				
8. Total of lines 6 and 7				
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)				
10. Depreciation				
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)				
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period				
14. Net profit or loss for period				
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss				
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				
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				

* 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.

Natural Resources Developing Co.,
354 Village Lane, Los Gatos, Calif

Form NSRB-146 (Nov. 1950) | Name and address |

EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended _____
(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	19	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash				
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:	Not yet operating			
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.				
Delivery equipment				
Real estate and buildings used in business				
6. Other assets (as investments, real estate not used in business, etc.):				
TOTAL ASSETS				
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable				
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts				
13. Debentures	Not yet in operation			
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation				
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)				
18. Preferred stock (issued) (if Applicant is incorporated)				
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES				

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.

SUPPLEMENTAL INFORMATION: RE- APPLICATION OF NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane, Los Gatos, California

1:- GENERAL DESCRIPTION OF MINERAL SHOWINGS AND KNOWN DIMENSIONS OF DEPOSITS OF LEAD, ZINC, COPPER AND TUNGSTEN

LEAD ONE: The surface outcropping of the vein appears over an area 900 (approx) feet long. Two tunnels - three winzes-and seven open cuts have exposed veins at different elevations. The nature of all work has been surface work, and exploration. We have uncovered many ore bodies consisting of lenses varying in width of vein and of undetermined length. All this work has been done without the aid of machinery and the samples taken to determine the average value of the ore body.

ASSAY : lead 12.5 %
silver 7.60 oz.

LEAD TWO: This property has three tunels, winze, and one shaft with several vein outcrops. Lead, silver and gold. Various samples taken throughout the property show the following:

ASSAY: : lead 10.63%
silver 4.03 oz. highest lead assay 21.27%
gold .24 oz.

LEAD THREE: This property in the nature of surface outcrops and all development work,has been done on or near the surface assays listed below:

ASSAY: : lead 18.65 %
silver 14.85 oz
gold .09 oz.

LEAD FOUR: : Surface outcrops

ASSAY: : lead samplings vein: 47.03 %
silver 41.10 oz
zinc .45 %

LEAD-ZINC: INDIAN: Nature of work to date:
one tunnel,twenty feet ore body approximately two and one half ft. in quartz
one winze, twenty feet showing two and one half feet in quartz
one cut alongside vein showing three feet of quartz, one cut.

ASSAY: : Leroy 2 : Lead 20.98
zinc 15.29
Leroy 3 : lead 19.67
zinc 11.38
Stacked: lead 0.21
zinc 7.92

Supplemental Information: Re- Application of Natural Resources
Developing Co.,
354 Village Lane, Los Gates, California

LEAD FOUR: North Mountain: One tunnel surface outcrops.

ASSAY: : lead 24.32 %
zinc 20.79%
silver 33.10 oz

COPPER: ONE-GROUSE : Surface

ASSAY: copper 1.53
copper 8.05 (near surface)

COPPER TWO: One three foot vein exposed

ASSAY: copper 8.83
silver 2.00

COPPER THREE:

ASSAY: Copper 6.73

TUNGSTEN: ONE: Group composed of five unpatented claims. Large surface exposure

A SSAY: Tungstuc oxide 2.14 %

THE KNOWN DIMENSIONS OF THE DEPOSITS CAN BE DETERMINED TO A FURTHER EXTENT THAN DESCRIBED IN THE PRECEDING ASSAY REPORTS BY OPENING UP THE MINERALIZED AREAS AS THE SURFACE EXPOSURES AND THE GEOLOGY OF THE AREAS SHOW THAT IT IS POSSIBLE THAT HEAVY MINERALIZATION TOOK PLACE.

A RECENT REPORT FOR THE YEAR 1948 AS PUBLISHED BY THE STATE OF CALIFORNIA BUREAU OF MINES, SHOW THE PRODUCTION FOR THE COUNTY OF INYO, THE AREA IN WHICH THE MAJORITY OF OUR PROPERTIES ARE LOCATED AS:

		POUNDS	VALUE
	lead.....	17,240,000	$3,085,960
1948:	copper	598,000	129,766
	zinc	9,320,000	1,239,560

THE LARGEST KNOWN OPERATION IN THE U.S. AS FAR AS THE HANDLING OF TUNGSTEN ORES IS LOCATED IN THE COUNTY OF INYO, STATE OF CALIFORNIA.

1941 INYO COUNTY TUNGSTEN PRODUCTION 117,166 (units) Value $2,868,870.

3: ALL AVAILABLE HISTORY OF THIS AREA SHOWS A VERY GOOD PRODUCTION RECORD.
Reference: California Journal of Mines and Geology
Vol. 47 Number 1

4: DESCRIPTIONS OF MINE WORKINGS:
The nature of the areas are such that a fair amount of timbering will be necessary.

5: SAMPLINGS AND ASSAYS:
The above were taken with the purpose of averaging the ore bodies to the extent of making it a profitable venture and with the ratio of return that can be expected by the type of machinery that we are employing, we can ship concentrates four to five times the value

Supplemental Information Re- Application of Natural Resources Developing Co., 354 Village Lane, Los Gatos, California

of preceding assays.

All spectrographic analyses and assays were compiled by the reputable and old established firm of Abbott A Hanks, Inc., San Francisco, Calif.

6: Engineers report on the properties are in the nature of preliminary reports, and are not available at this time.

7: DESCRIPTION OF SURFACE AND UNDERGROUND INSTALLATIONS AND EQUIPMENT: The equipment used to open surface deposits has been the use of explosives and the use of air hammer and compressor.

8: DESCRIPTION OF PROPOSED PROJECT, INCLUDING TYPES OF ASSISTANCE DESIRED:
We propose to produce lead, zinc, copper and tungsten concentrates through the use of modern methods required to process and used for the recovery of these metals from the ore. We require financial assistance in the form of a loan. These funds will enable us, in the purchase of additional equipment and to provide a reasonable amount of working capital with which to begin operations.

9: REQUIREMENTS FOR PROPOSED PROJECT IN TERMS OF MONEY, MANPOWER, CONSTRUCTION, EQUIPMENT, SUPPLIES, ROADS, WATER SUPPLY, AND TIME TO CARRY OUT PROJECT:
Under Paragraph one, page on of Form NSRB 146, we have listed the requirements in the terms of money.
Paragraph nine gives requirements in the terms of manpower equipment and supplies.
In regard to timing - the operation will be divided into two parts - Phase one: Preparation. Phase two: Operation.

Phase one would start immediately upon receipt of funds. This would consist of starting a crew on clearing the site, opening up the ore body and begin mining operations in the form of stockpiling ore out at the site of the operation which would in turn also be the site of the future mill. The Company already owns sufficient equipment at the site areas to begin this phase at once. It would take but 3 to 4 men on one shift, very little transportation of any kind, and consequently, a very low payroll.

The preparatory work, and, most important of all, the stockpiling of ore, under Phase one would continue only until the arrival of the mill equipment. The company has been promised delivery on this equipment six weeks from the date of order. The company believes that the manufacturer is and will be capable of fulfilling the obligation as, and in the time, stated.

Under Phase two, the stockpile would be processed at the rate of 50 tons per day. At a five to one ratio, this would mean 10

Supplemental Information Re - Application of Natural Resources Developing Co.,
354 Village Lane, Los Gatos, California

tons of concentrate per day. At the same time full operation of 3 shifts per day would be started in the ground operations. The net result would be the shipment of 4 cars per month to the smelter, cars being of 40 ton capacity or 160 tons of concentrate per month. These shipments would pay all operating costs, pay back the loan and show a profit between the 60th and 90th day after start to operations start.

Form NSRB-146 (Nov. 1950)	Name and address Natural Resources Developing Co., 354 Village Lane, Los Gatos, Calif	Page 12 of 12 pages

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.

Witness: H. H. Quindlen
Address of witness: PO Box 37 Saratoga Cal.
Dated Feb. 28, 1951, 19__

Natural Resources Developing Co.
C. W. Styer, President
H. L. Whittaker Sec Treas
Attest

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 Feb. 28, 1951

Witness: _____ (For individual applicants)

_____ (Signature)

Witness: _____ (For partnership applicants)

_____ (Full name of firm)

By _____, a general partner.
(Signature)

(For corporate applicants)

(CORPORATE SEAL)

NATURAL RESOURCES DEVELOPING CO
(Full corporate name of Applicant)

Attest: H. L. Whittaker
H.L. Whittaker
(Signature)

By C.W. Styer
(Signature)

President
(Title)

Secretary-Treasurer
(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

LANDON F. STROBEL

NATURAL RESOURCES DEVELOPING COMPANY
354 Village Lane
Los Gatos, California

February 28, 1951

Mr. William Boyd, Administrator
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

HERRES
3-8-51

dmw
975

Dear Mr. Boyd:

I have been authorized by the Board of Directors of my company, Natural Resources Developing Co., to forward the enclosed application in quadruplicate, for a Government loan in the amount of $100,000.00 to aid in the production of critical and strategic minerals.

We feel that our holdings are such that production of the critical minerals, lead, zinc, copper and tungsten can be had on a paying basis within 90 days of the receipt of funds. We, therefore, ask that the loan be processed as soon as possible.

Yours truly,

C. W. Strobel, President
Natural Resources
Developing Company

CWS:hs
encl.

dma 775

Form N[illegible]8-146
(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
$100,000.00

TERMS OF LOAN REQUESTED
4 years - payable $25,000.00 per year

DATE OF APPLICATION
February 24, 1951

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State)
NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane
Los Gatos,
California

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 Further explore, develop, and bring into production a group of mining properties containing various critical metals such as lead, zinc, copper and tungsten.

NATURE OF EXPENDITURE	AMOUNT
Estimated cost of mining equipment	$50,000.00
Estimated cost of milling equipment	30,000.00
Working capital	20,000.00
Total amount applied for	$ 100,000.00

2. PROPOSED METHOD FOR REPAYMENT OF LOAN

State sources of funds, and proposed schedule of repayment

Funds received from sale of concentrates to smelter will be utilized to repay the loan. $25,000.00 a year will be set aside for a period of four years.

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.

Our company has acquired either by purchase, or option to purchase, a group of 16 mining properties located in California, containing lead, zinc, copper and tungsten. We propose to further explore and develop each of these properties with the idea in view of bringing into maximum production, those properties which prove to be the most productive of the above named metals. Some of these properties have already been developed to the point where a small quantity of ore can be immediately removed and processed. It is estimated within 90 days from the time funds are made available, shipment of concentrate to the smelter can be initiated.

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?

Government reports indicate a shortage of lead, zinc, copper and tungsten.

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

Expanding defense production will require more of these materials.

(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.)

Supply of raw lead, zinc, copper and tungsten will expedite manufacture of government defense contracts.

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?

Same as par 4 (d)

(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 metalic	lbs. per mo	none	none	200,000
zinc "	" "	"	"	100,000
copper "	" "	"	"	100,000
tungsten "	" "	"	"	40,000

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.)

none

(b) Maximum feasible employment with existing facilities.

(1) Single shift operation.

None without funds to furnish equipment and man power.

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

above

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

12 men

7. Timing

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

immediately

(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.

Purchase of equipment and stock piling of ore will begin as soon as funds are made available.

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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)
	Lead, zinc, copper and tungsten concentrates will be shipped to smelters for further processing.				

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)	
	See 8 (a)			(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):

See 8 (a)

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.)

Manpower requirement of 12 to 15 men, available in local market.
Equipment required consists of turbo mills, tractors, trailers, classifier, floatation cells, filter, reagent feeders, mine cars, tuggers, hoists, bulldozers. These are all available in the San Francisco-Bay region.

Energy will be furnished by deisel and gasoline engines, also available.
Fuel requirements -approximately 100 gals gasoline and 75 gals deisel per day, available locally.
Transportation of concentrates by company owned trucks over State highways to railroad, sixty miles away.

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

Water supply available.
No housing facilities required as properties are all within ten miles of existing communities.
The above includes preparation of facilities and actual operations.

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
	None			

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)*

None

13 - HISTORY, MANAGEMENT, ETC.

OUR COMPANY HAS NEVER BEEN IN RECEIVERSHIP, BANKRUPTCY, CHAPTER X, XI, OR XII, OR IN THE HANDS OF CREDITORS OR COMMITTEE. WE HAVE NEVER EFFECTED A COMPROMISE WITH CREDITORS. WORKMEN'S COMPENSATION AND LIABILITY INSURANCE IS CARRIED BY THE COMPANY AND WE ARE UNDER NO LITIGATION OF ANY KIND NOR ARE WE THREATENED WITH ANY AT THIS TIME. INSURANCE WILL BE PLACED ON NEW EQUIPMENT AS IT IS PURCHASED.

REAR ADMIRAL C.W. STYER, U.S.N. Ret. The President of our Company served thirty-four years in the Navy as a Commissioned Officer, the last fifteen of which were in position of responsibility in an executive and administrative capacity. He is well qualified to assume overall direction of the company

BRIG.GEN. H.L. WHITTAKER, U.S.Army Ret. The Secretary-Treasurer of our Company served thirty years in the Army as a Commanding Officer, the last sixteen of which were in a position of responsibility not only in executive capacity, but also administrative, having charge of steamship operations as well as train operations and large construction programs for the Army. He is well qualified to assume this position.

MR. LEROY H. HALVERSON: Vice-President, is familiar with the management as well as the production end of the organization, having held such positions as Administrative assistant, Turbine Div. Hendry Iron Works, Sunnyvale, Calif; also, Asst. to Supt. Naval Ordnance, Division of the Hendy Iron Works, Sunnyvale, Calif; also experienced in the manufacturing of equipment and the operating of many types of machinery and heavy equipment that will be used in the operation.

WILLIAM FISCHER : of South San Francisco, California, is our Geologist as well as our Chief Engineer, and will be General Manager of the mining operations. Mr. Fischer is experienced not only in the mining operations necessary for the production of these critical materials, but is familiar with the methods required to operate successfully, having been associated with mining operations in the Pacific Northwest region for the past twenty years. The above combined with the hiring of a full time, experienced mill superintendent whose services will be available shortly, will enable us to start operations and get production started in a very short period of time.

We propose to purchase the additional machinery such as turbo mills, and pulverizer, trucks and trailers, loaders, crushers, classifier, floatation cells, filter, tuggers, mine cars, bulldozers, concentrating table, tractor, mine, etc, equipment such as motors, rock drills, hoists, air pipe, air hose, to supplement our existing field equipment, so that we will be able to start production in as short a time as is possible.

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.

We have been refused credit from local banks on the grounds that mining loans are not in their scope of operations. Scarcity of venture capital for base metals mining operations is due to the fluctuations in the market price of lead, zinc, copper and tungsten.

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)
C.W. Styer	Pres and D	∅	$ 125,000.00	40,000	∅	∅	∅
H.L. Whittaker	Sec.Tr. and D	∅	100,000.00	40,000	∅	∅	∅
L.H. Halverson	V.P. AndD	∅		40,000	∅	∅	∅
W.FIScher	E.M.andGeog	∅		40,000	∅	∅	∅
	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	$ 250,000.00	$ 160,000.00	$ 1.00	160,000.00	none
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.

none

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.

none

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)
No compensation for corporation officers has been arrived at as operations have not yet begun. General Manager's salary has been set at $500.00 per month			

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: Company's ownership interest in all 16 mining propertues	1950	100,000.00	500,000.00	
To be acquired: Equipment to be acquired		50,000.00	50,000.00	

* 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.

none

EXHIBIT A - CURRENT FINANCIAL STATEMENT

As of _____

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

ASSETS

CURRENT ASSETS

1. Cash ..... $ _____
2. Notes receivable ..... $ _____
   Less reserve for doubtful notes ..... _____
3. Accounts receivable:
   Current ..... $ _____
   Past due not over 4 months ..... _____
   Past due over 4 months ..... _____ $ _____
   Less reserve for doubtful accounts ..... _____
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 ..... ~~$500,000.00~~
   Buildings ..... _____
7. Machinery ..... ~~3,000.00~~
8. Equipment, furniture, and fixtures ..... _____ $ _____
   Less reserve for depreciation ..... _____ 503,000.00
9. Investments—stocks and bonds .....
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 .....

TOTAL ASSETS ..... ~~$503,000.00~~

LIABILITIES

CURRENT LIABILITIES

16. Notes payable (see schedule 1, page 10):
    Banks ..... $ _____
    Trade creditors ..... _____
    Officers, stockholders, relatives ..... _____
    Insurance companies ..... _____ $ _____
17. Accounts payable .....
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 ..... $ _____

FIXED AND OTHER LIABILITIES

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

NET WORTH

23. Common stock (if Applicant is incorporated) 160,000.00
24. Preferred stock (if Applicant is incorporated) ..... _____
25. Surplus (if Applicant is incorporated) 343,000.00
26. Capital and Surplus Account (if Applicant is partnership or individual) .....

TOTAL LIABILITIES ..... ~~$503,000.00~~

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).

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SCHEDULE 1 - Notes Payable in Detail

Name and address	Maturity	Amount	State amount and character of collateral	Name of guarantor(s) and/or endorser(s)
	none			

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
	none		$	
TOTAL	X X X X X X X	X X X X X X	$	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	19	Current year as of date of Exhibit A
1. Net sales				
2. Cost of goods sold				
3. Gross profit on sales (line 1 minus line 2)				
4. Other income (itemize)				
5. Total (line 3 plus line 4)	NOT YET OPERATING			
6. Salaries (officers or partners)*				
7. Selling and all other expenses				
8. Total of lines 6 and 7				
9. Profit or loss before depreciation and Federal taxes (line 5 minus line 8)				
10. Depreciation				
11. Federal Income and Excess Profits Taxes				
12. Net profit or loss (line 9 minus lines 10 and 11)				
ANALYSIS OF SURPLUS				
13. Total surplus at beginning of period				
14. Net profit or loss for period				
15. Line 13 plus line 14 if profit; line 13 minus line 14 if loss				
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				
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				

* 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.

354 Village Lane, Los Gatos, Calif

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EXHIBIT C - CONDENSED COMPARATIVE STATEMENT OF CONDITION

For years ended _____
(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	19	Current year as of date of Exhibit A
CURRENT ASSETS:				
1. Cash				
2. Receivables (after deducting reserves)				
3. Inventories				
4. Other current assets:				
	Not yet in operation			
TOTAL CURRENT ASSETS				
FIXED AND OTHER ASSETS:				
5. Plant accounts (before depreciation):				
Machinery, equipment, etc.				
Delivery equipment				
Real estate and buildings used in business				
6. Other assets (as investments, real estate not used in business, etc.):				
TOTAL ASSETS				
LIABILITIES				
CURRENT LIABILITIES:				
8. Notes payable				
9. Accounts payable				
10. Accrued liabilities				
11. Other current liabilities:				
	Not yet in operation			
TOTAL CURRENT LIABILITIES				
FIXED AND OTHER LIABILITIES:				
12. Mortgage debts				
13. Debentures				
14. Other fixed liabilities:				
RESERVES:				
15. Reserve for depreciation				
16. Other reserves:				
NET WORTH:				
17. Common stock (issued) (if Applicant is incorporated)				
18. Preferred stock (issued) (if Applicant is incorporated)				
19. Surplus (if Applicant is incorporated)				
20. Capital and surplus account (if Applicant is partnership or individual)				
TOTAL LIABILITIES				

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.

SUPPLEMENTAL INFORMATION: RE- APPLICATION OF NATURAL RESOURCES DEVELOPING CO.,
354 Village Lane, Los Gatos, California

1:- GENERAL DESCRIPTION OF MINERAL SHOWINGS AND KNOWN DIMENSIONS OF DEPOSITS OF LEAD, ZINC, COPPER AND TUNGSTEN

LEAD ONE: The surface outcropping of the vein appears over an area 900 (approx) feet long. Two tunnels - three winzes-and seven open cuts have exposed veins at different elevations. The nature of all work has been surface work, and exploration. We have uncovered many ore bodies consisting of lenses varying in width of vein and of undetermined length. All this work has been done without the aid of machinery and the samples taken to determine the average value of the ore body.

ASSAY : lead 12.5 %
silver 7.60 oz.

LEAD TWO: This property has three tunels, winze, and one shaft with several vein outcrops. Lead, silver and gold. Various samples taken throughout the property show the following:

ASSAY: : lead 10.63%
silver 4.03 oz. highest lead assay 21.27%
gold .24 oz.

LEAD THREE: This property in the nature of surface outcrops and all development work,has been done on or near the surface assays listed below:

ASSAY: : lead 18.65 %
silver 14.85 oz
gold .09 oz.

LEAD FOUR: : Surface outcrops

ASSAY: : lead samplings vein: 47.03 %
silver 41.10 oz
zinc .45 %

LEAD-ZINC: INDIAN: Nature of work to date:
one tunnel,twenty feet ore body approximately two and one half ft. in quartz
one winze, twenty feet showing two and one half feet in quartz
one cut alongside vein showing three feet of quartz, one cut.

ASSAY: : Leroy 2 : Lead 20.98
zinc 15.29
Leroy 3 : lead 19.67
zinc 11.38
Stacked: lead 0.21
zinc 7.92

Supplemental Informati[redacted]: Re- Application of Natu[redacted] Resources Developing Co.,
354 Village Lane, Los Gatos, California

LEAD FOUR: North Mountain: One tunnel surface outcrops.

ASSAY: : lead 24.32 %
zinc 20.79%
silver 33.10 oz

COPPER: ONE-GROUSE : Surface

ASSAY: copper 1.53
copper 8.05 (near surface)

COPPER TWO: One three foot vein exposed

ASSAY: copper 8.83
silver 2.00

COPPER THREE:

ASSAY: Copper 6.73

TUNGSTEN: ONE: Group composed of five unpatented claims. Large surface exposure

A SSAY: Tungstuc oxide 2.14 %

THE KNOWN DIMENSIONS OF THE DEPOSITS CAN BE DETERMINED TO A FURTHER EXTENT THAN DESCRIBED IN THE PRECEDING ASSAY REPORTS BY OPENING UP THE MINERALIZED AREAS AS THE SURFACE EXPOSURES AND THE GEOLOGY OF THE AREAS SHOW THAT IT IS POSSIBLE THAT HEAVY MINERALIZATION TOOK PLACE.

A RECENT REPORT FOR THE YEAR 1948 AS PUBLISHED BY THE STATE OF CALIFORNIA BUREAU OF MINES, SHOW THE PRODUCTION FOR THE COUNTY OF INYO, THE AREA IN WHICH THE MAJORITY OF OUR PROPERTIES ARE LOCATED AS:

		POUNDS	VALUE
	lead.....	17,240,000	$3,085,960
1948:	copper	598,000	129,766
	zinc	9,320,000	1,239,560

THE LARGEST KNOWN OPERATION IN THE U.S. AS FAR AS THE HANDLING OF TUNGSTEN ORES IS LOCATED IN THE COUNTY OF INYO, STATE OF CALIFORNIA.

1941 INYO COUNTY TUNGSTEN PRODUCTION 117,166 (units) Value $2,868,870.

3: ALL AVAILABLE HISTORY OF THIS AREA SHOWS A VERY GOOD PRODUCTION RECORD.
Reference: California Journal of Mines and Geology
Vol. 47 Number 1

4: DESCRIPTIONS OF MINE WORKINGS:
The nature of the areas are such that a fair amount of timbering will be necessary.

5: SAMPLINGS AND ASSAYS:
The above were taken with the purpose of averaging the ore bodies to the extent of making it a profitable venture and with the ratio of return that can be expected by the type of machinery that we are employing, we can ship concentrates four to five times the value

Supplemental Information Re- Application of Natural Resources Developing Co., 354 Village Lane, Los Gatos, California

of preceding assays.

All spectrographic analyses and assays were compiled by the reputable and old established firm of Abbott A Hanks, Inc., San Francisco, Calif.

6: Engineers report on the properties are in the nature of preliminary reports, and are not available at this time.

7: DESCRIPTION OF SURFACE AND UNDERGROUND INSTALLATIONS AND EQUIPMENT: The equipment used to open surface deposits has been the use of explosives and the use of air hammer and compressor.

8: DESCRIPTION OF PROPOSED PROJECT, INCLUDING TYPES OF ASSISTANCE DESIRED:
We propose to produce lead, zinc, copper and tungsten concentrates through the use of modern methods required to process and used for the recovery of these metals from the ore. We require financial assistance in the form of a loan. These funds will enable us in the purchase of additional equipment and to provide a reasonable amount of working capital with which to begin operations.

9: REQUIREMENTS FOR PROPOSED PROJECT IN TERMS OF MONEY, MANPOWER, CONSTRUCTION, EQUIPMENT, SUPPLIES, ROADS, WATER SUPPLY, AND TIME TO CARRY OUT PROJECT:
Under Paragraph one, page on of Form NSRB 146, we have listed the requirements in the terms of money.
Paragraph nine gives requirements in the terms of manpower equipment and supplies.
In regard to timing - the operation will be divided into two parts - Phase one: Preparation. Phase two: Operation .

Phase one would start immediately upon receipt of funds. This would consist of starting a crew on clearing the site, opening up the ore body and begin mining operations in the form of stockpiling ore out at the site of the operation which would in turn also be the site of the future mill. The Company already owns sufficient equipment at the site areas to begin this phase at once. It would take but 3 to 4 men on one shift, very little transportation of any kind, and consequently, a very low payroll.

The preparatory work, and, most important of all, the stockpiling of ore, under Phase one would continue only until the arrival of the mill equipment. The company has been promised delivery on this equipment six weeks from the date of order. The company believes that the manufacturer is and will be capable of fulfilling the obligation as, and in the time, stated.

Under Phase two, the stockpile would be processed at the rate of 50 tons per day. At a five to one ratio, this would mean 10

Supplemental Information Re - Application of Natural Resources Developing Co.,
354 Village Lane, Los Gatos, California

tons of concentrate per day. At the same time full operation of 3 shifts per day would be started in the ground operations. The net result would be the shipment of 4 cars per month to the smelter, cars being of 40 ton capacity or 160 tons of concentrate per month. These shipments would pay all operating costs, START TO pay back the loan and show a profit between the 60th and 90th day after operations start.

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.

Witness: H. H. Quincline

Address of witness: P.O. Box 37 Saratoga Cal.

Dated Feb. 28, 1951

NATURAL RESOURCES DEVELOPING CO.

G. W. Styer, President

H. L. Whittaker Sec Treas.

Attest.

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 Feb. 28, 1951

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

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

By _____ (Signature), a general partner.

(For corporate applicants)

(CORPORATE SEAL)

NATURAL RESOURCES DEVELOPING CO (Full corporate name of Applicant)

Attest: H. L. Whittaker (Signature) — H.L. Whittaker, Secretary-Treasurer (Title)

By: G. W. Styer (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

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N.Y. FORM 43
(11-6-50)

OFFICIAL USE ONLY

PRELIMINARY RECONNAISSANCE REPORT

C-1 6/11/51

(Use a continuation sheet for additional information, if necessary)

1. Sample information in the field

Number	Type (chip, channel, grab, etc.)	Radioactivity (strong, moderate weak)
F-1268	Chip	Weak
F-1269	Chip	Weak
F-1270	Grab (dump)	Weak

2. State California
County Mono
District Chidago
Claim/Mine Wild Bill Group
Nearest Town Benton
Sec. 18 Twnp. 3S. Range 31E.

3. Owner of claim, mine or land Natural Resources Developing Company
Address 354 Village Lane, Los Gatos, Cal.

4. Previous Work (Maps, Reports, History of prospect, etc.)

General area covered in "Mines and Mineral Resources of Mono County". State Mineralogist's report XXXVI, April 1940, W. B. Tucker and R. J. Sampson

5. Type Geiger counter Nuclear Mfg. Nuclear Inst. & Chem. Co. Model 2610A
Background on 0.2 Scale: 140 C/M or dial reading of

6. Description of Examination:

	Type of mapping	
	Geologic	Radiometric
Detail	x	x
Reconn.		
Surface		
Undergrnd.	x	x

Results:

About 2 tons of oxidized earthy material on dump exhibits moderate radioactivity. Appears to be mostly limonite and cerussite. Spotty radioactivity in thin oxidized seam in footwall of quartz vein in underground workings.

Other dumps and accessible workings in immediate vicinity examined with negative results.

7. Mineralogic Association:

High temperature quartz-gold vein with some pyrite, chalcopyrite and galena. Much of the vein matter is coated with a green mineral resembling pyromorphite that is usually accompanied by a waxy brown clay. Limonite, cerussite, chrysocolla and tenorite are also present in varying amounts and the radioactivity appears to be closely associated with cerussite and limonite and to a lesser extent with the green coating.

8. Geologic Environment:

Entirely within Jurassic granitic complex.

9. Type of Deposit

Flat lying (15°) high temperature filling with some replacement. Essentially a gold-quartz vein.

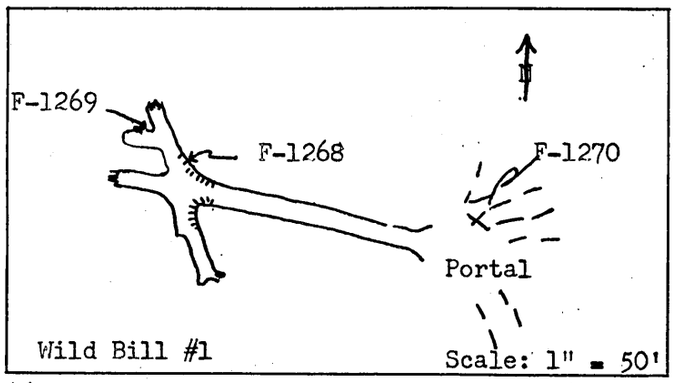
10. Conclusions:

Radioactivity limited to 2" seam of oxidized material on footwall of 2' gray quartz vein. Seam is discontinuous and there is no evidence to indicate better expectations on strike or dip.

11. Recommendations:

No additional examination is warranted.

12. Geologic Sketch Map showing sample location:
☐ not warranted ☐ included in final geologic report



13. Examined by: E. E. Thurlow
Spokane Exploration Branch

14. Date(s) of examination: May 24, 1951

15. Has a proof of ownership form been distributed? Yes

16. Supplementary Report:
☒ to follow ☐ not necessary

Distribution:
1-P.L.Merritt(& 3 w/June rept)
1-C.C.Towle
1-L.R.Page,USGS
1-T.W.Oster(w/rept)
1-CRMO(w/rept)
1-J.C.Johnson(w/rept)
1-J.O.Hosted(w/rept)
1-W.H.Bradley,USGS
1-A.E.Weissenborn,USGS
1-SEB files (& 1 w/June report)