DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2433

DO NOT DETACH THIS SLIP

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

This document has been recorded as

EXPLORATION PROJECT

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

Routing Slip
Copies to USBM, & USGS

To:	Code 500, Rm. 2614	Date	3-19-52
To:	Op Com.	Date	3-28-52
To:	Op Com	Date	8-29-52
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CONTROLLED DOCUMENT

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

So. 157 Howard Street
Spokane 4, Washington

September 3, 1952

2433

Mr. R. H. Davidson
Leadore Garage
Leadore, Idaho

Dear Mr. Davidson:

I am sorry not to have answered your letter sooner, but I have been out in the field and only recently became aware that you had written.

In our map of your property, we located those ore deposits which we could see in the mine workings. As you know, those workings being heavily coated and the ore being oxidized makes it difficult to see all the individual and smaller pieces of ore occurrences. However, it seemed to us that the bulk of the ore occurred near the hanging wall of the broad shear zone and that it formed in one ore body raking slightly to the northeast. Any further drifting should be done on the hanging wall since that appears to be the more favorable location for ore. Immediate mining might be in the form of a raise from the #2 to the #1 level on the hanging wall in the ore, or a continuation of the #2 level drift to the northeast following the ore on the hanging wall.

If you should do more work on your property and open up any additional ore, please inform us and we would be only too happy to re-examine it.

Sincerely yours,

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

cc: USBM
DMEA (2)

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

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

cc: USBM
DMEA (2)

Docket

FILE COPY
SURNAME:

500
J. W. A.
H. Keller
Common
Johnson
H. Keller

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

AUG 29 1952

Mr. R. H. Davidson
Leadore,
Idaho

Re: Docket No. DMEA-2433 (Lead)

Dear Mr. Davidson:

With reference to your application of February 29, 1952, for aid for an exploration project on your property, the Government has made a detailed study of all data submitted by you and also all geological and field data presently available.

As a result of this study, it is the opinion of this office, that although the area you propose to explore shows some mineralization, the discovery of a significant deposit of lead ore is too improbable to justify the expenditure of public funds. Therefore, we regret to advise you that your application has been denied.

Your interest in the defense program is appreciated, and we wish to thank you for bringing your property to the attention of the Government.

Sincerely yours,

C. O. Mittendorf (for) S.N. 8-29-52

Acting Administrator

JWAlt-mb
August 28, 1952
Copy to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Alt
Mr. Bishop
Mr. McKnight
Region II (2)

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

August 27, 1952

Memorandum

To: Acting Administrator

From: Chief, Base Metals Division

Subject: Denial of Application, Docket No. DMEA-2433, R. H. Davidson
Lemhi County, Idaho (Lead)

In compliance with the Field Team and Commodity engineers regarding the merits of this proposal, this Division has refused to grant exploration assistance for this property.

The application was received by this Division on March 17, 1952, and a report by the Field Team describing the property on August 11, 1952.

The application is denied for the following reasons:

1. The Applicant is financially unable to participate in the proposed project on a matching fund basis.

2. The geological evidence does not indicate that the expenditure needed to adequately explore this property is warranted.

H. F. Keller
Chief, Base Metals Division

Docket

FILE COPY
SURNAME:
500

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

August 27, 1952

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Chief, Base Metals Division

JWAlt-mb
Copy to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Alt
Mr. Bishop
Mr. McKnight

IN REPLY REFER TO:

G-MD-CNF

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

August 25, 1952

Re: DMEA-2433
Blue Lead Prospect
Lemhi County, Idaho
$25,758

Memorandum

To: H. F. Keller

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

Subject: Concurrence with Field Team denial

The applicant requests assistance to further explore a prominent shear zone for oxidized lead-silver ore. He proposes to trench across the vein outcrop, and to drive 500 feet of tunnel and 200 feet of shaft.

The field team recommends the application be denied for the following reasons:

1.) the applicant is financially unable to participate in the proposed project on a matching funds basis.

2.) the geologic evidence does not indicate that the expenditure needed to adequately explore the Blue Lead prospect is warranted.

Mineralization occurs in small, lenticular, oxidized orebodies as replacements in the shear zone. Previous work on three levels in the shear zone has indicated that most of the mineralization is too low grade for profitable mining. The applicant reports that about 100 tons of ore of an unknown grade have been produced from the prospect.

Since the applicant cannot financially participate in an exploration program, there is no reason for considering even a limited

IN REPLY REFER TO:
G-MD-CMF

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

August 25, 1952

Re: DMEA-2433
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Lemhi County, Idaho
$25,758

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Since the applicant cannot financially participate in an exploration program, there is no reason for considering even a limited

project for the property. We concur with the field team recommendation that the application be denied.

E. L. Newcomb
U. S. Geological Survey

O. M. Bishop
U. S. Bureau of Mines

ELNewcomb, OMBishop:gt

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

1201 N. Division St.
Spokane 2, Wash.

August 5, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Docket No. DMEA 2433 (lead-zinc), Blue Lead prospect, Lemhi County, Idaho

On the basis of information presented on the enclosed examination memorandum by T. H. Kiilsgaard, Geologist, Geological Survey, and T. E. Howard, Mining Engineer, Bureau of Mines, the Field Team recommends the exploration assistance for the captioned prospect be denied.

Although limited exploration of the prospect appears warranted, such action is precluded by the applicant's financial limitations.

By Field Team, Region II

Glenn Reed
For M. E. Volin, Acting Exec. Off.
(Bureau of Mines)

S. Warren Hobbs
S. Warren Hobbs, Acting Member
(Geological Survey)

CC: 4-Wash.

AUG 11 1952

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Field Team, DMEA, Region II DATE: July 28, 1952

FROM : T. H. Kiilsgaard, Geologist, U. S. Geol. Survey, and T. E. Howard, Mining Engineer, U. S. Bureau of Mines

SUBJECT: Field Examination of the Blue Lead prospect, Lemhi County, Idaho, DMEA Docket No. 2433. (lead-zinc)

INTRODUCTION

The Blue Lead prospect was examined by the writers in company with Mr. R. H. Davidson, applicant, on June 11, 1952.

RECOMMENDATIONS

It is recommended that the application submitted by Mr. R. H. Davidson, on the Blue Lead prospect, Lemhi County, Idaho, be denied.

LOCATION AND ACCESSIBILITY

The Blue Lead prospect is on Grizzly Mountain, Secs. 21 & 28, T. 17 N., R. 26 E., Boise meridian, Lemhi County, Idaho. A portion of one claim, the Blue Lead No. 2, extends into Beaverhead County, Montana.

The property is 19 miles by road northeast of Leadore, Idaho. Of this distance, 14 miles is good graveled road, part of the highway connecting Leadore and Armstead, Montana. The remaining 5 miles, leading northwest from the highway at Bannock Pass on the continental divide to the mine, is unimproved mountain road which follows closely along the divide.

The highway from Leadore to Armstead is kept open during the winter; however, the mountain road from the highway to the mine could be kept open only with difficulty.

PROPERTY

The property consists of the following unpatented claims: Blue Lead, Blue Lead No's. 1 & 2, and the Blue Lead fraction. The principal mine workings are on the Blue Lead No. 1 claim.

Reviewed by
DMEA OPERATING COMMITTEE

8-15-52
(date)

GEOLOGY

The Blue Lead mine explores a strong shear zone striking about N. 20° E., and dipping from 20° to 30° to the northwest. The zone is confined to the lower part of a shale member and closely follows the contact of the shale with an underlying quartzite. The shale member, although not measured, is estimated to range from 50 to 100 feet in thickness; it is overlain by a thick series of limestones. These sedimentary members are early Paleozoic in age.

The shear zone appears to be concordant with the underlying quartzite contact; however, shearing action has distorted the overlying shales. The shales commonly are fractured and crushed, the bedding is contorted locally. Owing to the low dip angle, the shear zone appears to be quite thick. However, at the mine the zone is not believed to exceed 6 feet in thickness.

The abundance of gossan within the shear zone prevents detailed mapping of ore occurances. On the No. 1 level, two small, lenticular bodies of gossan, quartz, and jasperoid occur near the shear zone hanging wall. Fine-grained steel galena, encrusted by cerussite and anglesite, are found in these bodies. Near the intersection of the shaft and the No. 1 level a small undercut stope has been put down on ore. The applicant reports that a small shipment of high-grade lead-silver ore was hand cobbed from this stope; it was inaccessible at the time of the examination. A lower continuation of this ore body, or a similar body, is to be seen on the No. 2 level. The No. 3 level, however, is barren (see accompanying map).

The small lenticular bodies appear to be replacements within the shear zone. The fact that they are either entirely or partially oxidized would probably restrict mining to only those higher-grade bodies which would require hand cobbing. Other mines in adjacent mining districts, working similar types of ore bodies, have found it economically unfeasible to mine the lower-grade oxidized lead ores. The depth to which oxidation extends in the shear zone is unknown. However, the Digmore claim, 1 mile southwest of the Blue Lead mine and 450 feet lower in elevation, apparently is on the same structure as the Blue Lead and contains similar oxidized ore. Therefore, in all probability, the oxidized zone at the Blue Lead will extend to a comparable depth or even deeper.

The gossan zone at the shale and quartzite contact has been traced on the outcrop for several miles. It has been explored to the northeast by several workings all of which appear to have been idle for many years. These workings do not appear to have been particularly productive. The Digmore claim was being explored by a bulldozed pit at the time of the examination. Some cerussite and anglesite encrusted galena was being found but not in sufficient quantity to warrant attempts at recovery.

PRODUCTION

According to the applicant two small carload shipments of lead-silver ore were shipped from the mine in 1948. Total production from the mine is estimated by the applicant at about 100 tons.

PROPOSED EXPLORATION PROGRAM

The applicant proposes to explore the property with four 30-foot trenches across the vein outcrop, 500 feet of tunnel, and 200 feet of shaft. The cost of this work, together with costs of road repairs and various installations, are estimated at $25,758.00.

When advised of the matching-sum principle on which DMEA contracts operate, and of the amounts permissable as depreciation allowances for equipment, the applicant informed the DMEA Examiners that he would be unable to enter into the proposed exploration program. A more limited exploration program was discussed but both the applicant and the examining team were agreed that it would be futile to enter into a limited program which would explore only a small part of the mineralized zone. The low-dipping structure, together with the fairly gentle slopes of the surrounding terrain would make any exploration program expensive. Adits with enough backs to test the lower limits of oxidation would be too long to be practicable; a shaft sufficiently deep to serve the same purpose would be overly expensive. Inasmuch as the property has little to offer, from a geological standpoint, and since adequate exploration would be too expensive for the applicant, it is recommended that further consideration should not be given the subject application.

Orig. to files
cc: Wash. D.C. (4)
USGS (1)
S. M. Shelton (1)
M/D (1)
Kiilsgaard (1)
T. E. Howard (1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.

August 5, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: Field Team, Region II

Subject: Docket No. DMEA 2433 (lead-zinc), Blue Lead prospect, Lemhi County, Idaho

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For M. E. Volin, Acting Exec. Off.
(Bureau of Mines)

S. Warren Hobbs, Acting Member
(Geological Survey)

CC: 4-Wash.

211

Field Team, DMEA, Region II July 28, 1952

T. H. Kiilsgaard, Geologist, U. S. Geol. Survey, and T. E. Howard, Mining Engineer, U. S. Bureau of Mines

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Orig. to files
cc: Wash. D.C. (4) ✓
USGS (1)
S. M. Shelton (1)
M/D (1)
Kiilsgaard (1)
T. E. Howard (1)

500
FILE COPY
SURNAME:

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

MAR 31 1952

Mr. R. H. Davidson
Leadore,
Idaho

Re: Docket No. 2433

Dear Mr. Davidson:

Your application for Government assistance to explore your property, Docket No. DMEA-2433, has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration, and has been referred to Mr. A. E. Weissenborn, Executive Officer, Region II, DMEA Field Team, South 157 Howard Street, Spokane 4, Washington, for a field examination.

The Region office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

D. E. Moulds mch

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

JWAlt/hmj
3-27-52
CC to: Adm. R. Files
Docket
Region II
Mr. Moulds
Mr. Alt.

FILE COPY
SURNAME:

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

MAR 31 1952

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

Re: Docket No. DMEA 2433
R. H. Davidson, Lead-Zinc
Leadore, Idaho

Dear Mr. Weissenborn:

A review of the above referenced docket, of which you have retained a copy, indicates that additional information is needed in order to process this application for Government assistance for this exploration project.

The following points have been raised in the review of the application which appear necessary to examine in the field to evaluate the project and, if the project indicates the possibility of worthwhile Government participation, will be necessary to process a contract.

1. The geological feasibility of the project.

2. Maps showing proposed surface trenching, shaft and tunnel work.

3. A legal description of the property on which the work is to be done.

4. Applicant states in answer to question 10, Form MF-103, that he is prepared to invest $200 and a reasonable allowance for use of equipment. It should be explained to the applicant the amount of money he will be required to furnish and the amount he will receive for the use of his equipment.

5. The applicant has not listed any equipment to be purchased or rented such as drilling machine and compressor. Applicant does not show that he owns such equipment.

6. Applicant states that 500 feet of tunnel work and 200 feet shaft work at $27 a foot. He does not state what this cost of $27 a foot is to include.

7. No costs have been included for engineering, bookkeeping and assays.

8. Applicant states that work will start when loan is allowed and terminate it in 2 years. Why does he desire so much time to complete the work of this project?

9. If exploration assistance is justified, include cost figures which cover the recommended program.

Any other information that you may think is necessary for the processing of this application will be appreciated. We have only attempted to point out some of the items that we considered essential and realize that the usual field examination is necessary.

Sincerely yours,

(signed) FRANK E. JOHNSON

(JHB)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

JWAlt/hmj
3-27-52
CC to: Adm. R. File
Decket
Operating Committee
Region II
Mr. McKnight
Mr. Bishop
Mr. Moulds
Mr. Alt

J.N. 3-31-52

APPROVED:

J. H. Hedges (JHB)

Member, Bureau of Mines

T. P. Thayer (JHB)

Member, Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

April 8, 1952

APR 14 1952

Mr. R. H. Davidson
Leadore
Idaho

RE: DOCKET NO. DMEA 2433

Dear Mr. Davidson:

Your application has been received at this office for a field investigation. We would like to schedule this investigation when weather and ground conditions will permit an inspection of your property.

Please advise this office when you believe this examination can be made.

Sincerely yours,

Elton A. Youngberg
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA Operating Committee

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. D.M.E.A.-2433

Commodity Copper & Lead

Total Amount $25,758

Govt. Participation 50% = $12,879

1. Name and Address of Applicant R. H. Davidson
Leadore, Idaho

2. Location of Property [redacted]. Property in Junction Mining District, bound. S.W. from Dillon; in Lemi County, Idaho. 7 claims. (6 Blue lead + 1 Silver Badger)

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project? Don't Know
(If so, attach an explanation)

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

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? _____

a) MF-201? _____

b) MF-202 _____

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

a) Available manpower _____

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

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

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

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

_____

Is a field check needed on this point? Yes

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

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

_____

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

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant?_____

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

11. Exhibit B (question 23-d)*

a) Is it applicable? Don't Know

b) If so, are sufficient data furnished?_____ If so, attach a draft.

c) Is a field check needed? Yes

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

a) Is it applicable? Yes.

b) Sufficient data? Yes If so, attach a draft. Attached

c) Are rents and charges reasonable?_____

d) Is a field check needed? Yes.

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

a) Are there sufficient data? Don't Know

b) Is the schedule adequate for the work proposed? Don't Know

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

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No.

b) Sufficient data?

c) Reasonable?

d) Field check needed? Yes

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

(All exploration must be completed within two years)

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

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

Reviewed by: H.E. Olund.
Mining Engineer
Bur. of Mines

Date March 20th, 1952

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

Total Cost of project:

4 trenches, each 30 ft. long across vein. 2 men @ $13.50 per day - 60 days -- $1620.00
2 boxes caps & fuse required 28.00
Total --- $1648.00

500 ft. of tunnel @ $27.00 per ft. $13,500
1000 ft. of mine rail 200
200 lbs. of spikes 25
Fish plates & bolts 25
2 Tons blasting powder 960
2000 Caps 50
5000 ft. fuse 75
Total $14,835.00

200 ft. of shaft work @ $27.00 per ft. $5,400
1 Ton of powder 480
1000 Caps 25
2500 ft. of fuse 35
Total 5,940.00

Repairing road to highway - 6 mi. - 2 men @ $27.00 - $270
Powder, caps & fuse 25
Total 295.00

Blacksmith Shop, tool shed & hoist house
2 men @ $27.00 per day for 20 days. - $440.00
Material for 1 bldg 12x16' & 1 bldg. 12'x20' --- 800.00
Total 1240.00

30,000 feet of Mining Timber @ $60 per M. - --- 1800.00
Grand Total of project - $25,758.00

List of equipment owned by applicant:

1 hoist	$300
2 wheelbarrows	40
Picks, shovels, steel, hammers, drills	75
B.S. tools & forge	50
Timbering tools, axes, saws, chisels	25.
Pick-up truck	300
200 ft steel rails, 800 lbs	40
Spikes & fish plates	10
1 Mine car	50
Total	$890

1 Supervisor @ $15.50 per day.

16. Does this applicant intend to operate this property by Hand drilling or is he going to get a compressor & drills? He does not mention this at all. This property seems to be quite isolated. ~~for a straight shipping ore and there should be pretty~~ and milling therefore good evidence of ore on the property to warrant ~~giving~~ an exploration program.

DMEA-2433

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 137 Howard Street
Spokane 4, Washington

March 7, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are three copies of Form MF-100 and MF-103 submitted by Mr. R. H. Davidson of Leadore, Idaho, for the exploration of the Blue Lead mine in the Junction Mining District, Leadore, Lemhi County, Idaho. One set of application forms has been retained here to facilitate a field examination.

Sincerely yours,

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

Enclosures
cc: USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 0 1952

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2433
Metal or Mineral
Date Received 3-17-52
Amount $
Participation (Government %)

R.H.Davidson
Leadore
Idaho

Lemhi County

Name and address of applicant

Date February 29.1952

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

DMA Docket Number (if available) .....

INSTRUCTIONS

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

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

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

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

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

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

DEPARTMENT OF THE INTERIOR
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MAR 17 1952

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you by me

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

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

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

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

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

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

CERTIFICATION

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

February 29, 1952
(Name of company)

By R H Davidson
(Signature of authorized official)

(Date)

Owner
(Title)

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

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

Blue.Lead.Mine

Form No.100 L.E.Davidson
Lemhi County
Idaho

Junction Mining District
Lemhi

No.1.
(A) Description of Mining Claims:
Blue Lead-Blue.Lead No.1.-Blue.Lead No.2- Blue.Lead No.3-
Blue.Lead No.4- Blue Lead Junction.Silver Badger No.1.
(B) Applicant is the owner.
(C) Intend to do the most of the work on Blue.Lead No.1
but would like to have the right to do it on any of the
Claims listed.
Note: (1) Claims are all grouped.ores are the same

(D) Applicant is owner with no encumbrances against
property.
2-(A) Lead-silver & copper
(B) Ore found in link deposits.by reason of a fault cutting
of the vein of ore.have lost the Ore but expect to find
it again with a reasonable amount of work.
I am unable to supply any reports supplied by Engineers
No.3-(A) 4 trenches 50 feet long accross vein
3 men to be employed @ $15.50 per day ==
60 days required to do this trenching $1000.00
8 boxes powder caps and fuse required 50.00
(B) 500 feet of tunnel work Total- $1050.00
$27.00 per foot. 13500.00
1000 ft of steel mining rails 200.00
200 pounds of spikes 25.00
Fish plates & Bolts 25.00
2 ton of blasting powder 300.00
2000 caps 50.00
2000 ft.fuse 70.00 14 830.00
In connection with this work there will be
timber to frame and install.tool sharpening.
hand mucking of material or dirt.
laying of track. Total cost-$14835.00

(4) 200 feet of shaft work @ $27.00 per foot $5400.00
1-ton of powder 400.00
1000 caps 25.00
2000 feet of fuse 25.00
Drilling-mucking-hoisting-timbering Total
5850.00

22 423 00

Form-MF-103
continued

Blue.Lead.Mine
Leadore,Idaho
Lemhi,County
Idaho

Junction Mining District

R.H.Davidson,(applicant)

No.5- Repairing road to highway 6 miles 10days for two mon-
@$27.00 per day- $270.00
Powder caps and fuse 25.00
Total cost
" " $295.00

No.6: Blacksmith shop & tool shed.& hoist house ~~$800.00~~
2 men @ $27.00 per day for 20 days $440.00
1-building 12X16 feet
1-building 12X20 "
Total cost of material for the 2 buildings $800.00
There is no usable buildings on property.
Total cost
" " $1240.00

No.7: 30.000 feet of mining timber
to be cut and hauled @ $60.00 per thousand- $1800.00

Grand total of project- $25758.00

~~No.4~~ (B) Will start work when loan is allowed and terminate it in 2 years.

No.7 question on this form in regard to equipment answered in Form MFM 100 question No.17

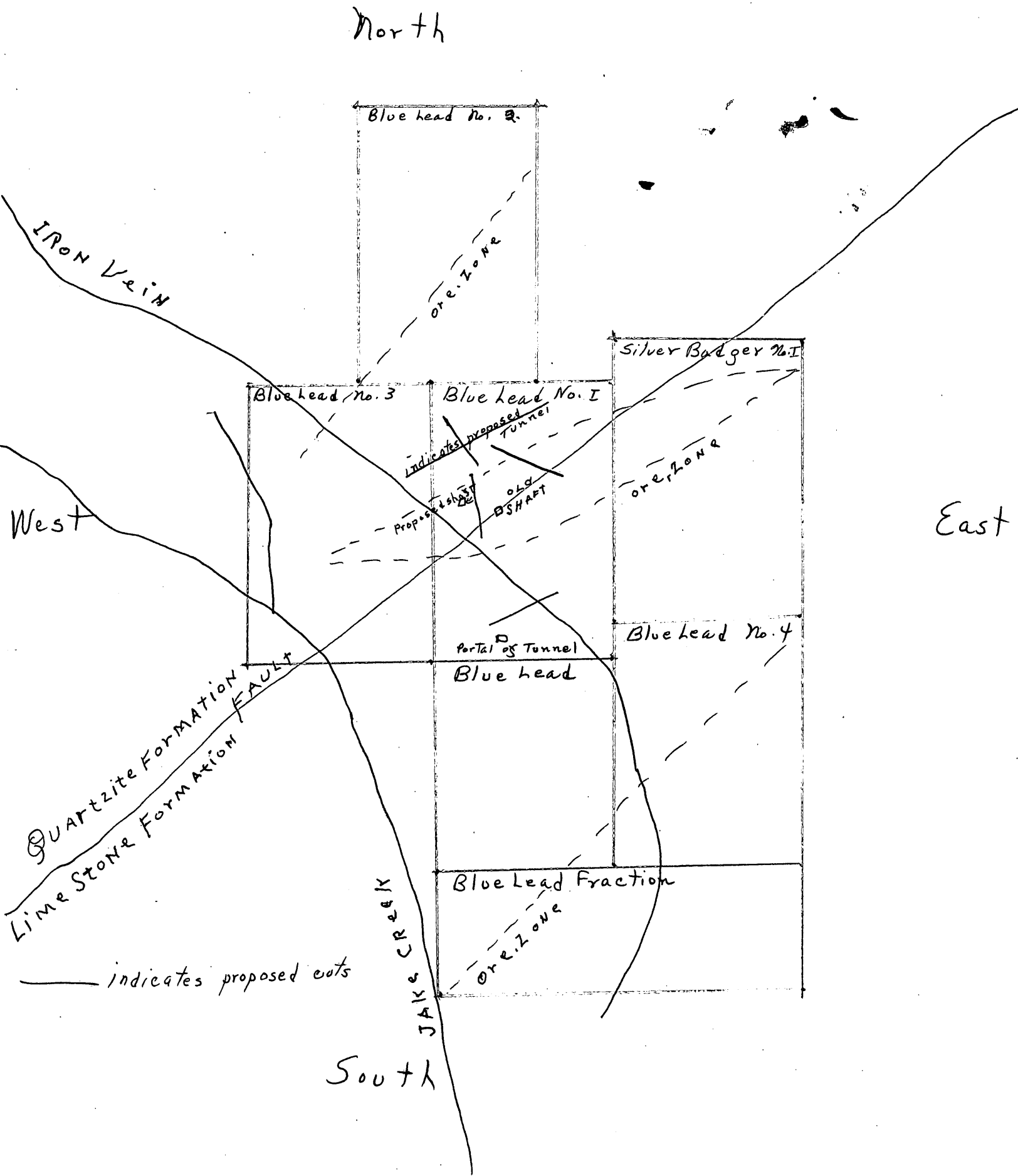
No.8: 2-Miners @ $13.50 per day
1-Supervisor @ $15.50 per day

No.9: It seems that the items of materials-&.Supplies have been taken care of in the estimated cost of the project.

No.10: $200.00 and a reasonable allowance for equipment.

No.11: No.
I think that all conditions & circumstances are pretty well covered.

MAP OF THE BLUE LEAD MININ[illegible]LAIMS



Form MF-103
(May 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. DMEA-2433

Date received 3-17-52

R.H.Davidson
Eeadore
Idaho

Lemhi County

Name and address of applicant

Date February 29,1952

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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 17 1952

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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production about 75 yrs.
   If not in production or operation, estimated date when production will begin in operation only at this time
6. Experience of operators: has mined more or less for the past 48 years
   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.

MP-100 ~~Blue Mine~~ Blue.Lead.Mine
Junction.Mining.District
Leadore.Idaho

No.1-
Materials produced

(A) Lead silver & copper
(B) none

No.2- Blue.Lead
(a) Linear feet of shafts 110.feet
(b) Tunnels and cuts 110015 1115 ft.
(c) Tunnels and adits same 1115 feet
(d) Trenches & pits 100 feet
No doubt will need pump at depth
No.3- (a) 60 miles SW from Dillon.Montana
(b) Junction mining district
(c) Not known
(d) Lemhi County-Idaho

No.4- (a) As owner,I operate mine from about June 1.to late fall and intend to start operations about June 1.52
(b) As owner
No.5 (a) About 35 years
Answered in no.4

No.6- Experience of operator
Applicant had mined more or.less for the past 48 years have run a garage for the past 22 years.worked for the F.L.Bank of Spokane for 14 years.have managed mine for 10yrs

No.7- History:
(a) Development on min explained in No.2.
In the past 10 years I have shipped approximately 100 tons of lead & silver.Previous owner shipped around 30tons of Lead & copper.
(b) 5 mines within a radius of 3 miles of the Blue Lead mine have produced around 380 tons of lead silver ore
(c) Have no information on this question.

I dont think that questions from No.8.to No.13 apply to my property.
No.13- Access roads:
Road distance to shipping point 60 miles
Road distance to source of supplies 19 miles
Condition of road passable but needs repairing.
No.14-
Water supply:
3 springs within ½ mile ample water the year round
No.15- Power:
No electrical power or water power.
No.16- From 1 to 2 men,and work myself.
No.17- Equipment and facilities
No,buildings usable.
I have a hoist with all equipment for hoisting.

MS100
Continued

Blue Bird Mine
Junction Mining District
Leadore, Idaho

(E.M.Davidson applicant)

No.17
continued;

1-mining car	worth	250.00
2-wheel barrows	ea	40.00
picks-shovels- steel-hammers-drills.		75.00
Blacksmith tools & forge.		50.00
Timbering tools,saws-axes- chisels		25.00
1- pickup truck		500/00
300 feet of steel rails 200 pounds		30.00
spikes and fish plates		15.00
No.18: Hoist listed on other page		700.00
No.		--- -------
		$670.00

(*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 R N Drewdson
(Signature of authorized official)

Feb 29 - 1952
(Date)

Owner
(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

DMEA-2433

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 137 Howard Street
Spokane 4, Washington

March 7, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are three copies of Form MF-100 and MF-103 submitted by Mr. R. H. Davidson of Leadore, Idaho, for the exploration of the Blue Lead mine in the Junction Mining District, Leadore, Lemhi County, Idaho. One set of application forms has been retained here to facilitate a field examination.

Sincerely yours,

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

Enclosures
cc: USBM, Spokane

Department of the Interior
Defense Minerals Administration
Library
MAR 1 1952

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2433
Metal or Mineral
Date Received 3-17-52
Amount $
Participation (Government %)

Name and address of applicant

R.H.Davidson
Leadore Lemhi County
Idaho
Junction mining District

Date February 29.1952

If you have already filed MF-100, give date filed even date with, type of assistance requested Exploration 107.

DMA Docket Number (if available)

INSTRUCTIONS

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

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

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

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

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

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

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

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

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
RECEIVED
MAR 17 1952

16—64067-2

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you , by me

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

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

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

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

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

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

CERTIFICATION

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

~~February 29, 1952~~	By R H Davidson
(Name of company)	(Signature of authorized official)
February 29.1952	Owner
(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—64067-2

Blue.Lead.Mine

Form LP-103

N.N.Davidson
Leadore Lemhi County
Idaho

Junction Mining District
Leadore

No.1.

(A) Description of Mining Claims:
Blue Lead-Blue.Lead No.1.-Blue.Lead No.2- Blue.Lead No.3-
Blue.Lead No.4- Blue Lead Fraction.Silver Badger No.1.

(B) Applicant is the owner.

(C) Intend to do the most of the work on Blue.Lead No.1
but would like to have the right to do it on any of the
Claims listed.

Note: (1) Claims are all grouped.eras are the same

(2) Applicant is owner with no encumbrances against
property.

2-(A) Lead-silver & copper

(B) Ore found in link deposits.by reason of a fault cutting
of the vein of ore.have lost the Ore but expect to find
it again with a reasonable amount of work.
I am unable to supply any reports supplied by Engineers

No.3-(A) 4 trenches 30 feet long accross vein
2 men to be employed @ $13.50 per day
60 days required to do this trenching $1620.00
2 boxes powder caps and fuse required 28.00

(B) 500 feet of tunnel work Total- $1648.00
@27.00 per foot. 13500.00
1000 ft of steel mining rails 200.00
200 pounds of spikes 25.00
Fish plates & Bolts 25.00
2 ton of blasting powder 960.00
2000 caps 50.00
5000 ft.fuse 75.00
In connection with this work there will be
timber to frame and install.tool sharpening.
hand mucking of material or dirt.
laying of track. Total cost-$14835.00

(4) 200 feet of shaft work @ $27.00 per foot $5400.00
1-ton of powder 480.00
1000 caps 25.00
2500 feet of fuse 35.00
Drilling-mucking-hoisting-timbering Total
$5940.00

Form-MF-103
continued

Blue.Lead.Mine
Leadore,Idaho
Lemhi.County
Idaho

Junction Mining District

R.H.Davidson,(applicant)

No.5- Repairing road to highway 6 miles 10days for two men-
@$27.00 per day- $270.00
Powder caps and fuse 25.00
Total cost $295.00

No.6: Blacksmith shop & tool shed.& hoist house $600.00
2 men @ $27.00 per day for 20 days $440.00
1-building 12X16 feet
1-building 12X20 "
Total cost of material for the 2 buildings $600.00
There is no usable buildings on property.
Total cost $1240.00

No.7: 30.000 feet of mining timber
to be cut and hauled @ $60.00 per thousand- $1800.00

Grand total of project- $25750.00

(B) Will start work when loan is allowed and terminate it in 2 years.

No.7 question on this form in regard to equipment answered in Form MFM 100 question No.17

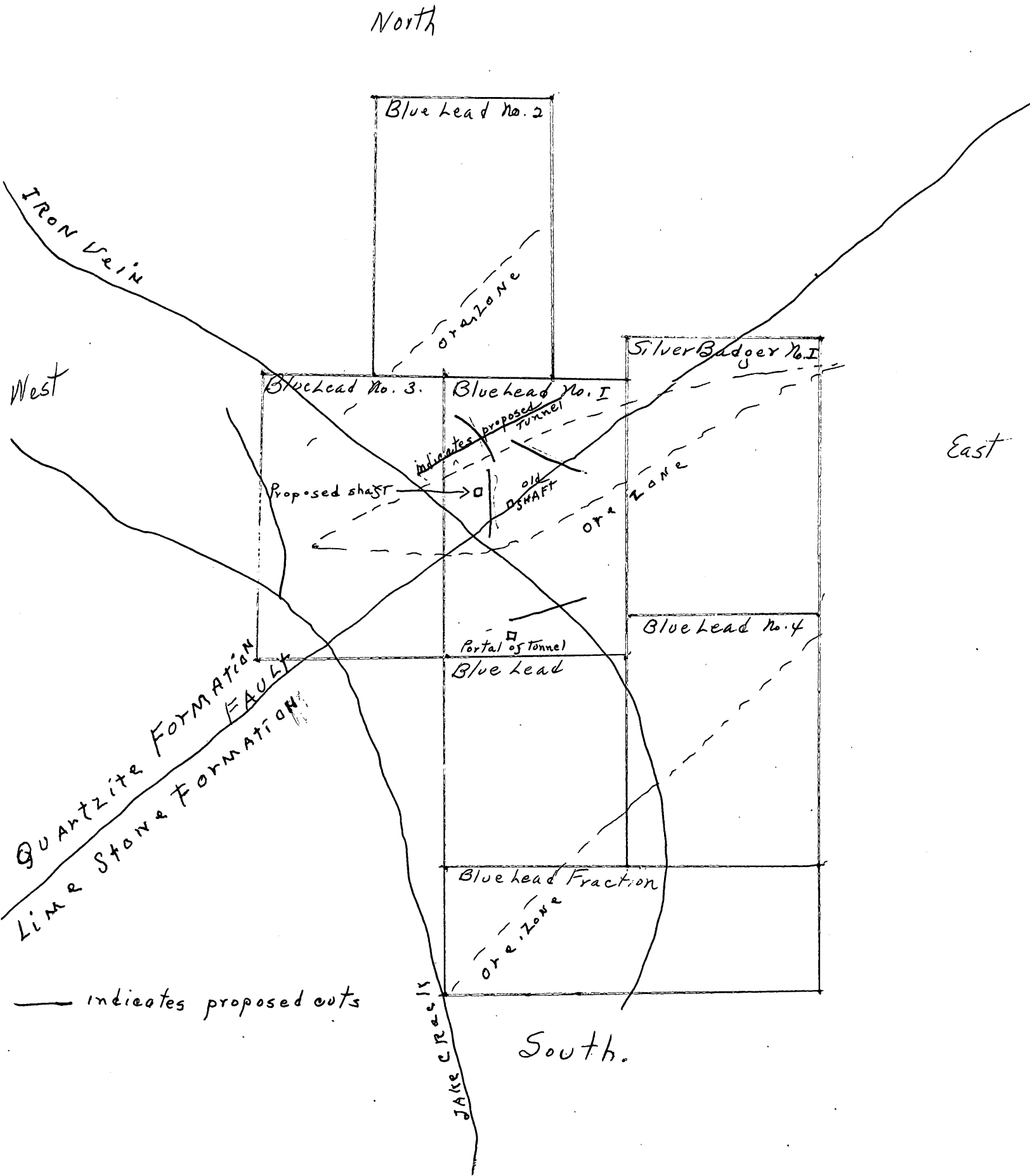
No.8: 2-miners @ $13.50 per day
1-Supervisor @ $15.00 per day

No.9: It seems that the items of materials-&.supplies have been taken care of in the estimated cost of the project.

No.10: $200.00 and a reasonable allowance for equipment.
No.

No.11: I think that all conditions & circumstances are pretty well covered.

MAP OF THE BLUE LEAD MINING CLAIMS



Form MF-100
(May 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. DMEA-2433

Date received 3-17-52

R.H.Davidson
Leadore
Idaho

Lemhi County

Name and address of applicant

Date February 29.1952

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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 17 1952

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 about 35 yrs.

   If not in production or operation, estimated date when production will begin in operation only at this time
6. Experience of operators: has mined more or less for the past 48 years

   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.

MF-100 ~~[illegible]~~ Blue.Lead.Mine
Jnntion.Mining.District
Leadore.Idaho

No.1-
Materials produced

(A) Lead silver & copper
(B) none

No.2- Blue.Lead
(a) Linear feet of shafts 110.feet
(b) Tunnels and cuts ~~[illegible]~~ 1115 ft.
(c) Tunnels and adits same 1115 feet
(d) Trenches & pits 100 feet
No doubt will need pump at depth

No.3- (a) 60 miles SW from Dillon.Montana
(b) Junction mining district
(c) Not known
(d) Lemhi County-Idaho

No.4- (a) As owner,I operate mine from about June 1.to late fall and intend to start operations about June 1.52
(b) As owner

No.5 (a) About 35 years
Answered in no.4

No.6- Experience of operator
Applicant had mined more or.less for the past 48 years have run a garage for the past 22 years.worked for the F.L.Bank of Spokane for 14 years.have managed mine for 10yrs

No.7- History:
(a) Development on min explained in No.2.
In the past 10 years I have shipped approximately 100 tons of lead & silver.Previous owner shipped around 30tos of Lead & copper.
(b) 5 mines within a radius of 3 miles of the Blue Lead mine have produced around 338 tons of lead silver ore
(c) Have no information on this question.

I dont think that questions from No.8.to No.13 apply to my property.

No.13- Access roads:
Road distance to shipping point 60 miles
Road distance to source of supplies 19 miles
Condition of road passable but needs repairing.

No.14-
Water supply:
3 springs within ½ mile ample water the year round

No.15- Power:
No electrical power or water power.

No.16- From 1 to 2 men,and work myself.

No.17- Equipment and facilities
No,buildings usable.
I have a hoist with all equipment for hoisting.

MP-100
Continued

Blue.Lead.Mine
Junction.Mining.District
Leadore,Idaho

(R.H.Davidson applicant)

No.17
continued:

1-mining car	worth	850.00
2-wheel barrows	"	40.00
Picks-shovels- steel-hammers-drills.		75.00
Blacksmith tools & forge.		50.00
Timbering tools,axes-saws- chisels		35.00
1- pickup truck		300/00
200 feet of steel rails 800 pounds		40.00
spikes and fish plates		10.00
No.18: Hoist listed on other page		300.00
No.		---
		$630.00

(*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 R H Davidson
(Signature of authorized official)

Feb 29, 1952
(Date)

Owner
(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

EXPLORATION

Subject: DMEA-2433
Re: Exploration Loan
Blue Lead
March 19, 1952

Mr. R. H. Davidson
Leadore
Idaho

My dear Mr. Davidson:

This will acknowledge receipt of your application dated February 29, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2433 and referred to the Base Metals Division.

Kindly refer to DMEA-2433 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

DMEA-2433

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

March 7, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are three copies of Form MF-100 and MF-103 submitted by Mr. R. H. Davidson of Leadore, Idaho, for the exploration of the Blue Lead mine in the Junction Mining District, Leadore, Lemhi County, Idaho. One set of application forms has been retained here to facilitate a field examination.

Sincerely yours,

A. E. Weissenborn

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

Enclosures
cc: USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 17 1952

DMEA-2433

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

No. 157 Howard Street
Spokane 4, Washington

March 7, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Johnson:

Enclosed are three copies of Form MF-100 and MF-103 submitted by Mr. R. H. Davidson of Leadore, Idaho, for the exploration of the Blue Lead mine in the Junction Mining District, Leadore, Lemhi County, Idaho. One set of application forms has been retained here to facilitate a field examination.

Sincerely yours,

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

Enclosures
cc: USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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MAR 14 1952

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA-2433
Metal or Mineral
Date Received 3-17-52
Amount $
Participation (Government %)

R.H.Davidson
Leadore
Idaho

Lemhi County

Name and address of applicant

Date Feb 29. 52

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

DMA Docket Number (if available) .....

INSTRUCTIONS

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

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

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

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

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

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

Defense Minerals Administration
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MAR 17 1952

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you by me

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

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

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

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

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

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

CERTIFICATION

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

(Name of company)	By R W Davidson (Signature of authorized official)
February 29.1952 (Date)	Owner (Title)

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

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

Blue.Lead.Mine

Form MF*103 R.H.Davidson
Leadore Lemhi County
Idaho

Junction Mining District
Leadore

No.1.

(A) Description of Mining Claims:
Blue Lead-Blue.Lead No.1.-Blue.Lead No.2- Blue.Lead No.3-
Blue.Leead No.4- Blue Lead Fraction.Siver Badger No.1.

(B) Applicant is the owner.

(C) Intend to do the most of the work on Blue.Lead No.1
but would like to have the right to do it on any of the
Claims listed.

Note: (1) Claims are all grouped.eras are the same

(2) Applicant is owner with no encumbrances against
property.

2-(A) Lead-silver & copper

(B) Ore found in link deposite.by reason of a fault cutting
of the vein of ore.have lost the Ore but expect to find
it again with a reasonable amount of work.
I am unable to supply any reports supplied by Engineers

No.3-(A) 4 trenches 30 feet long accross vein
2 men to be employed @ $13.50 per day
60 days required to do this trenching $1620.00
2 boxes powder caps and fuse required 28.00
Total- $1648.00

(B) 500 feet of tunnel work
@$27.00 per foot. 13500.00
1000 ft of steel mining rails 200.00
200 pounds of spikes 25.00
Fish plates & Bolts 25.00
2 ton of blasting powder 960.00
2000 caps 50.00
5000 ft.fuse 75.00
In connection with this work there will be
timber to frame and install.tool sharpening.
hand mucking of material or dirt.
laying of track. Total cost-$14835.00

(4) 200 feet of shaft work @ $27.00 per foot $5400.00
1-ton of powder 480.00
1000 caps 25.00
2500 feet of fuse 35.00
Drilling-mucking-hoisting-timbering Total
$5940.00

Form-IT-100
continued

Blue.Lead.Zinc
Kellogg,Idaho
Kochl.County
Idaho

Junction Mining District

D.H.Davidson,(applicant)

No.5- Repairing road to hightway 6 miles 10days for two men- $37.00 per day- $370.00
Under caps and fuse 25.00
Total cost ---------
$395.00

No.6: Blacksmith shop & tool shed.1 point house $500.00
2 men @ $37.00 per day for 30 days 2220.00
1-building 12'x16 feet
1-building 12'x20 "
Total cost of material for the 2 buildings $500.00
There is no usable buildings Total cost
on property. $1000.00

No.7: 30,000 feet of mining timber
to be cut and hauled @ 000.00 per thousand- $1000.00

Grand total of project- $3795.00

No.8: (a) Will start work when loan is allowed and terminate it in 2 years.

No.7 question on this form in regard to equipment
contained in Form IT-100 question No.17

No.9: 2- miners @ $10.00 per day
1-supervisor $10.00 per day

No.9: It seems that the items of materials & supplies have been taken care of in the estimated cost of the project.

No.10: $800.00 and a reasonable allowance for equipment.

No.11: I think that all conditions & circumstances are pretty well covered.

Form MF-100
(May 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. DMEA-2433

Date received 3-17-52

R.H.Davidson
Leadore
Idaho

Lemhi County

Name and address of applicant

Date February 29,1952

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) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

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Defense Minerals Administration
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5. Number of years in production about 35 yrs.

   If not in production or operation, estimated date when production will begin In operation only at this time
6. Experience of operators: has mined more or less for the past 48 years

   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.

MF-100 ~~Blue Mine~~ Blue.Lead.Mine
Junction.Mining.District
Leadore.Idaho

No.1-
Materials produced

(A) Lead silver & copper
(B) none

No.2- Blue.Lead
(a) Linear feet of shafts 110.feet
(b) Tunnels and cuts ~~1100ft~~ 1115 ft.
(c) Tunnels and adits same 1115 feet
(d) Trenches & pits 100 feet
No doubt will need pump at depth

No.3- (a) 60 miles SW from Dillon.Montana
(b) Junction mining district
(c) Not known
(d) Lemhi County-Idaho

No.4- (a) As owner,I operate mine from about June 1.to late fall and intend to start operations about June 1.52
(b) As owner

No.5 (a) About 35 years
Answered in no.4

No.6- Experience of operator
Applicant had mined more or.less for the past 48 years have run a garage for the past 22 years.worked for the F.L.Bank of Spokane for 14 years.have managed mine for 10yrs

No.7- History:
(a) Development on min explained in No.2.
In the past 10 years I have shipped approximately 100 tons of lead & silver.Previous owner shipped around 30tos of Lead & copper.
(b) 5 mines within a radius of 3 miles of the Blue Lead mine have produced around 338 tons of lead silver ore
(c) Have no information on this question.

I dont think that questions from No.8.to No.13 apply to my property.

No.13- Access roads:
Road distance to shipping point 60 miles
Road distance to source of supplies 19 miles
Condition of road passable but needs repairing.

No.14-
Water supply:
3 springs within ½ mile ample water the year round

No.15- Power:
No electrical power or water power.

No.16- From 1 to 2 men,and work myself.

No.17- Equipment and facilities
No,buildings usable.
I have a hoist with all equipment for hoisting.

MF*100
Continued

Blue.Lead.Mine
Junction.Mining.District
Leadore,Idaho

(R.H.Davidson applicant)

No.17
continued:

1-mining car	worth	$50.00
2-wheel barrows	""	40.00
Picks-shovels- steel-hammers-drills.		75.00
Blacksmith tools & forge.		50.00
Timbering tools,axes-saws- chisels		25.00
1-Pickup truck		300/00
200 feet of steel rails 800 pounds		40.00
spikes and fish plates		10.00
		$630.00
No.	Hoist listed on other page	300.00
		$630.00

No.18:

(*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 R H Davidson
(Signature of authorized official)

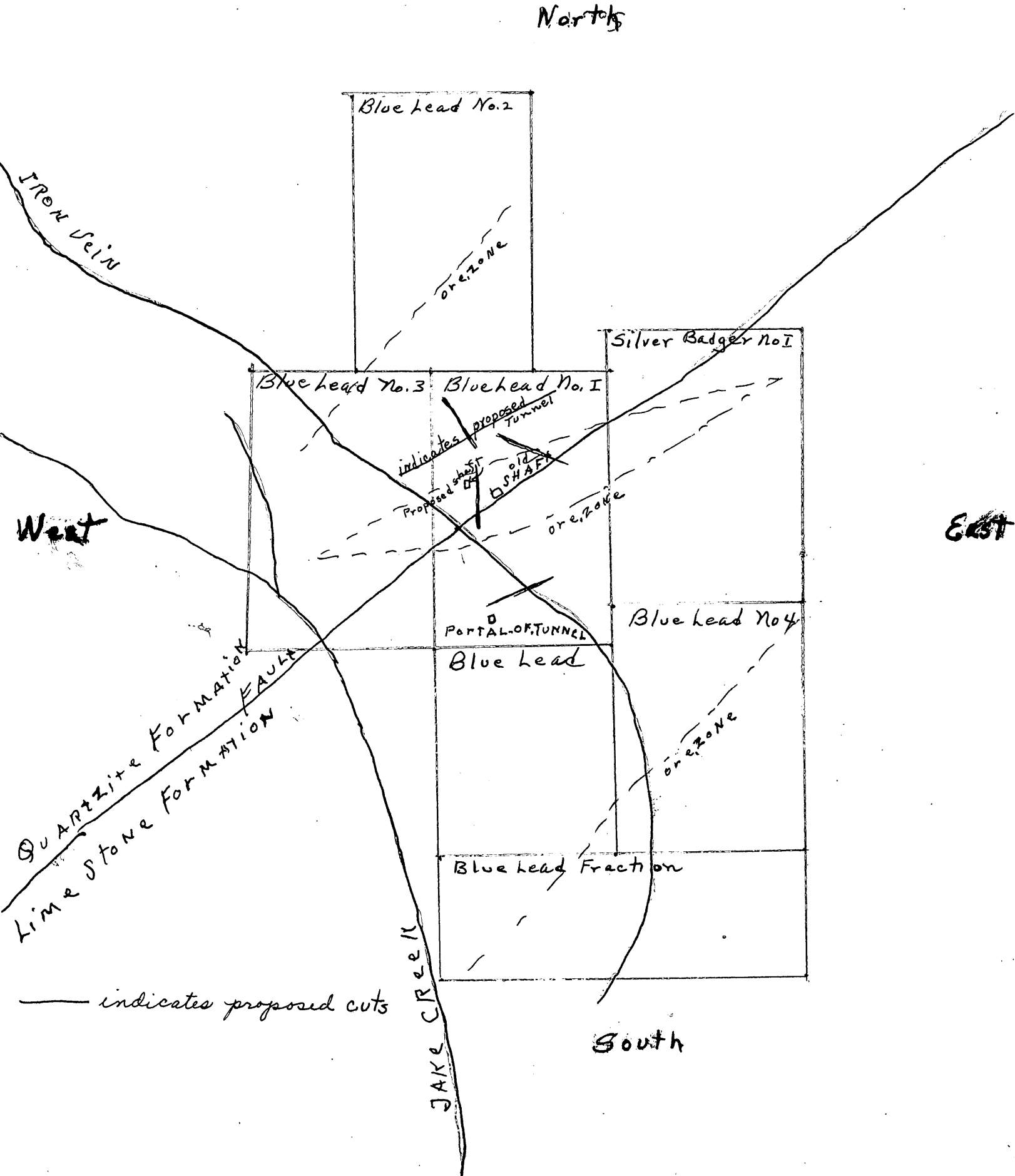
Feb 29-1952
(Date)

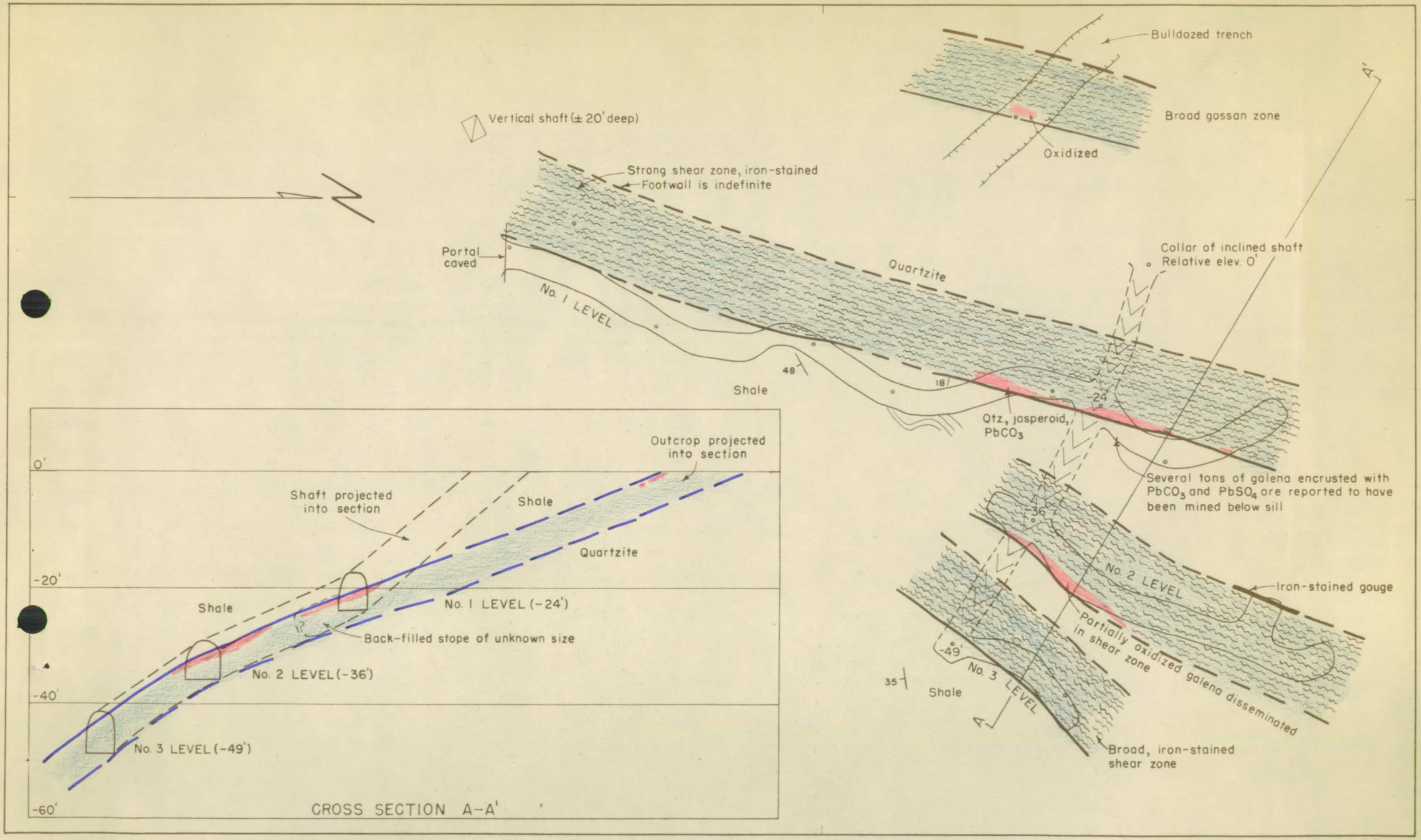
Owner
(Title)

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

MAP OF THE BLUE LEAD MINING CLAIMS

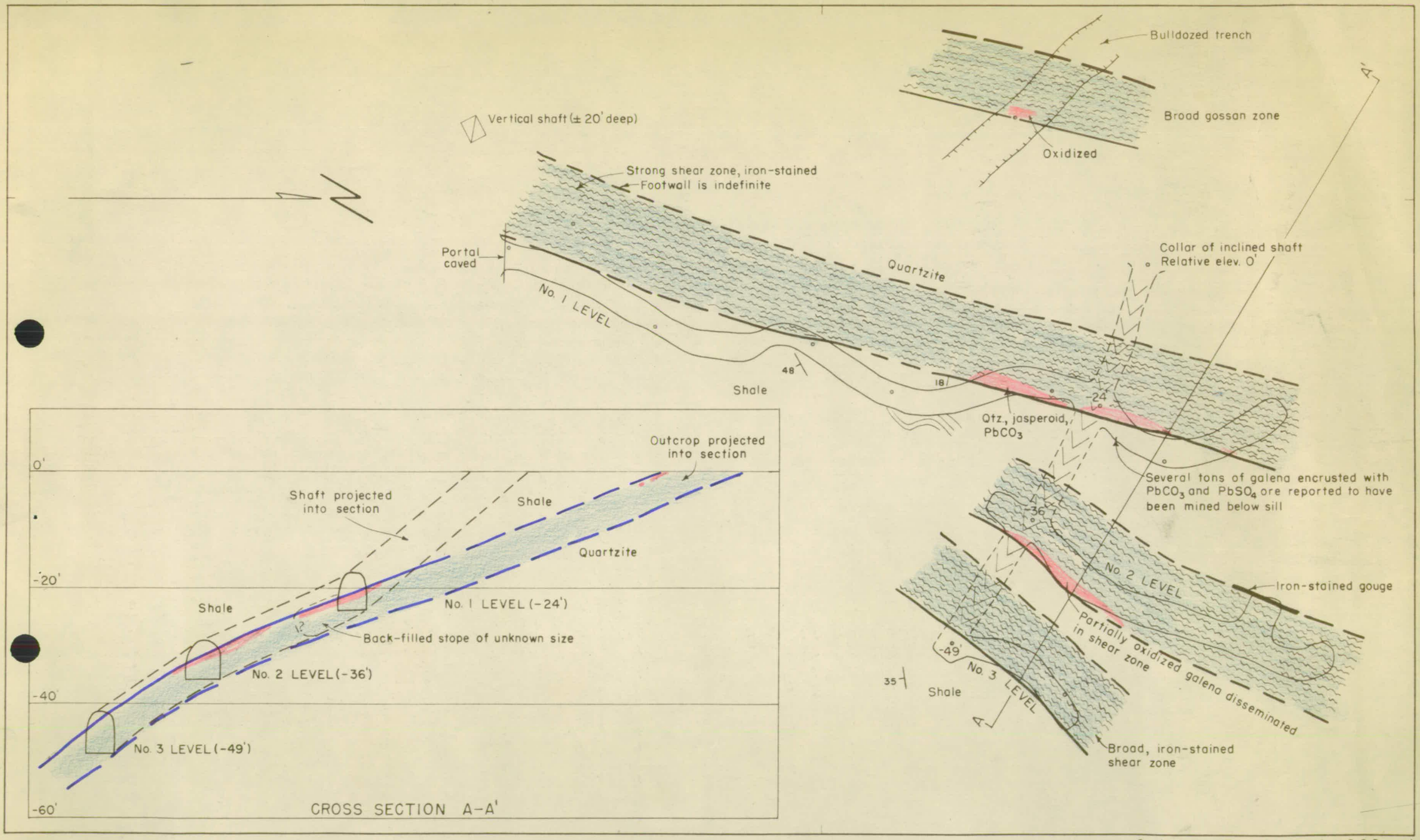




Geology by T. H. Kiilsgaard, U.S.G.S. and T. E. Howard, U.S. Bur. Mines, June, 1952.

GEOLOGIC MAP OF THE BLUE LEAD MINE, LEMHI COUNTY, IDAHO

0 5 10 15 20 40 60 80 FEET



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