DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2507

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. One copy was retained by Region II.

To:	Code 700, Rm. 4640	Date	5-5-52
To:	H. E. Johnson	Date	5-20-52
To:	Mittendorf	Date	
To:	Mails & Files	Date	
To:	Ellis (Docket)	Date	
To:	Operating Com	Date	5-21-52.
To:	Operating Com.	Date	8/6/52
To:	Acting Adm.	Date	
To:	Mails & Files	Date	
To:	Op Com	Date	8-15-52
To:		Date	
To:		Date	
To:		Date	
To:		Date	
To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

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

AUG 18 1952

Lemmon
Johnson
Fejohnson

Mr. Marvin M. Carr
Pulpit Mountain Mining
and Exploration Company
2215 North Cannon
Spokane, Washington

Re: Docket No. DMEA-2507
(Copper, Lead, Zinc, Silver, & Gold)
Pulpit Mountain Mining Company
Boundary County, Idaho

Dear Mr. Carr:

Your application for aid in an exploration project docketed under the captioned number has been thoroughly reviewed by this Agency.

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

A careful study of your proposal together with all information available from other Government sources, reveals that the probability of disclosing mineable reserves is not considered sufficiently promising to justify Government participation.

We regret that under these circumstances your application for exploration aid to the extent of 50% of $13,326.24 must be denied.

If future work at your property reveals evidence which could materially alter this opinion, please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf

Acting Administrator

FSSchmidt/FEJohnson/jem/bih
8/15/52 2
cc to: Docket
Admr's. Reading File
Operating Committee
Region II (2)
Messrs. CHJohnson R-3621
Ned Nelson R-4216
Ellis
Schmidt
FEJohnson

FILE COPY
SURNAME:
700

Schmidt
Adm

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

Mr. Marvin H. Carr
Pulpit Mountain Mining
& Exploration Company
2215 North Cannon
Spokane, Washington

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(Copper, lead, zinc, silver and gold)
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Sincerely yours,

C. O. Mittendorf

Acting Administrator

FSchmidt/jem
8/7/52
cc to: Adm. Reading File
Docket
Messrs. CHJohnson-3621
Ned Nelson-4216
Ellis Schmidt
Field Team, Region II (2)
Opr. Com.

8/14/52 rgla

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

August 13, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: DMEA-2507 Pulpit Mountain Mining and Exploration Company, Boundary County, Idaho (Copper)

I have reviewed the report by R. E. Wallace (7/21/52) on the above-named prospect, which recommended denial of the application on the grounds of insufficient possibility of discovering ore. The Field Team in transmitting the report on July 26 concurred in the denial.

No samples were taken by the examining geologist, which I believe would have been desirable, but his description makes it clear that the prospect of developing commercial reserves is too small to justify the proposed work. I believe the application should be denied.

C. H. Johnson

C. H. Johnson

Copy to - Mr. Nelson
Minerals Division
Base Metals Branch
Mr. Johnson
Files

AUG 14 1952

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

August 13, 1952

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C. H. Johnson

CHJohnson:ks

Copy to - Mr. Nelson
Minerals Division
Base Metals Branch
Mr. Johnson
Files

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

August 13, 1952

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C. H. Johnson

CHJohnson:ks

Copy to - Mr. Nelson
Minerals Division
Base Metals Branch
Mr. Johnson
Files

8/5/52 - gla

IN REPLY REFER TO:

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

August 5, 1952

Memorandum

To: Mr. E. Wm. Ellis

From: E. T. McKnight

Subject: Concurrence with field team denial

Re: DMEA-2507
Pulpit Mountain Mining and
Exploration Company
Boundary County, Idaho
Exploration - $13,326.24
Copper

I have studied the field team report on this property and concur with their recommendation that the application should be denied.

Edwin T. McKnight

Edwin T. McKnight
Geologist

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

August 5, 1952

Re: DMEA-2507
Pulpit Mountain Mining and Exploration Company
Boundary County, Idaho
Exploration - $13,326.24
Copper

Memorandum

To: Mr. Mr. E. Wm. Ellis

From: E. T. McKnight

Subject: Concurrence with field team denial

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Edwin T. McKnight
Geologist

8/7/52 gla

SD

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1952

July 26, 1952

MEMORANDUM

Dmea 2507
Copper, Lead, Zinc, Idaho
Bond

To: Operating Committee, DMEA

From: Field Team, Region II, DMEA

Subject: Pulpit Mountain Mining and Exploration Company property near Addie, Boundary County, Idaho.

Enclosed is a report by R. E. Wallace on the Pulpit Mountain Mining and Exploration Company property. Because of the low grade of the deposit and the unlikeliness of the grade improving, Wallace recommends that the application be denied. The Field Team concurs in this recommendation.

By DMEA Field Team, Region II

A. E. Weissenborn SMH

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

cc: USBM(1) w/encl.
R. E. Wallace

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1952

July 21, 1952

Reviewed by
DMEA OPERATING COMMITTEE
8-6-52
(date)

Memorandum

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

From: R. E. Wallace, U. S. Geological Survey

Subject: Pulpit Mountain Mining and Exploration Company's property near Addie in Boundary County, Idaho. Field Examination July 14, 1952.

Location and Accessibility

The property of the Pulpit Mountain Mining and Exploration Company is in Boundary County, Idaho, approximately 2 miles northeast of Addie, Idaho, and 3 miles south of Kingsgate, British Columbia. A main-travelled highway passes through Addie and a good to poor dirt gravel road extends between Addie and the property.

Geology

The main vein, consisting principally of quartz with some limonite and very little galena, chalcopyrite and malachite is in a large diorite sill that has been intruded into Belt sediments of pre-Cambrian age. The geologic setting is shown in Idaho Bureau of Mines and Geology Bulletin No. 10, Geology and Ore Deposits of Boundary County, Idaho, by V. R. D. Kirkham and E. N. Ellis. The vein strikes approximately N. 45° W. and dips 50° to 55° southwest. It is as much as 2 feet wide, but elsewhere is only a few inches wide. It has been exposed for a length of over 200 feet.

The quartz in the vein is commonly shattered, and limonite occupies fractures and permeates breccia-like zones. Galena is more plentiful than chalcopyrite in the vein, but nowhere was either mineral seen to be abundant. Pods of galena as much as an inch wide were observed in only a few places, although thin stringers penetrating

the quartz in a few places made bodies of "high-grade" as much as 1 foot wide and a few feet long.

Other similar veins have been prospected by pits and short adits on the claims, but did not appear as promising as the one described above.

Workings

The main tunnel has been driven almost due east for 196 feet to the vein and from there follows the vein 270 feet to the southeast. A short adit has been driven on the vein at a point approximately 185 feet vertically above the main adit, and the vein has been exposed for a distance of 20 feet on the hillside above this small adit.

Conclusions and Recommendations

This prospect is one of many similar deposits of quartz and associated copper and lead minerals in large diorite sills and dikes, common in northern Idaho and western Montana. Most of these deposits are very low grade in ore minerals but have abundant quartz in persistent veins. Few have produced ore in appreciable amounts.

In this prospect, the amount of ore minerals exposed is less than in most of the deposits of this type. For this reason there appears to be a negligible chance of finding minable ore in the program proposed.

R. E. Wallace

R. E. Wallace

cc: DMEA(4)
USBM,Spokane
USGS(SRO)
R.E.Wallace

"U. S. Geological Survey"

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

July 26, 1952

MEMORANDUM

To: Operating Committee, DMEA

From: Field Team, Region II, DMEA

Subject: Pulpit Mountain Mining and Exploration Company property near Addie, Boundary County, Idaho.

Enclosed is a report by R. E. Wallace on the Pulpit Mountain Mining and Exploration Company property. Because of the low grade of the deposit and the unlikeliness of the grade improving, Wallace recommends that the application be denied. The Field Team concurs in this recommendation.

By DMEA Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

cc: USBM(1) w/encl.
R. E. Wallace

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 8/4

REFERRED TO:
1. Lemmon
2.
3.
4.

FOR:

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

REMARKS: 8/6 Agenda

Check (X) before the items needing attention.

(HB)
Initials of sender.

GPO 16—63815-1

"U. S. Geological Survey"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 21, 1952

Reviewed by
DMEA OPERATING COMMITTEE
8/4/52 DMR
(date)

Memorandum

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

From: R. E. Wallace, U. S. Geological Survey

Subject: Pulpit Mountain Mining and Exploration Company's property near Addie in Boundary County, Idaho. Field Examination July 14, 1952.

Location and Accessibility

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R. E. Wallace

cc: DMEA(4)
USBM,Spokane
USGS(SRO)
R.E.Wallace

REW:dp

8/4/52 gla

SD

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
LIBRARY

DMEA-2507

July 26, 1952

MEMORANDUM

To: Operating Committee, DMEA

From: Field Team, Region II, DMEA

Subject: Pulpit Mountain Mining and Exploration Company property near Addie, Boundary County, Idaho.

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By DMEA Field Team, Region II

A. H. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosure

cc: USBM(1) w/encl.
R. E. Wallace

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

REFERRED TO: DATE 8-1-52

1. Code 700, Rm. 4640
2.
3.
4.

FOR:

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

REMARKS:

Check (X) before the items needing attention.

GPO 16—63815-1

ROBERT E. ADAMS
Initials of sender.

RD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sc. 15 Howard Street
Spokane 1, Washington

July 21, 1952

Memorandum

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

From: R. E. Wallace, U. S. Geological Survey

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the quartz in a few places made bodies of "high-grade" as much as 1 foot wide and a few feet long.

Other similar veins have been prospected by pits and short adits on the claims, but did not appear as promising as the one described above.

Workings

The main tunnel has been driven almost due east for 195 feet to the vein and from there follows the vein 270 feet to the southeast. A short adit has been driven on the vein at a point approximately 145 feet vertically above the main adit, and the vein has been exposed for a distance of 20 feet on the hillside above this small adit.

Conclusions and Recommendations

This prospect is one of many similar deposits of quartz and associated copper and lead minerals in large diorite sills and dikes, common in northern Idaho and western Montana. Most of these deposits are very low grade in ore minerals but have abundant quartz in persistent veins. Few have produced ore in appreciable amounts.

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R. E. Wallace

cc: DGMA(4)
USBM, Spokane
USGS(SRO)
R.E.Wallace

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

So. 157 Howard Street
Spokane 4, Washington

Noted by
J. Lowthwaite Schmidt
6/24/52

May 29, 1952

Memorandum

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

From: R. E. Wallace, Geologist

Subject: Pulpit Mountain Mining and Exploration Co., Boundary County, Idaho. Routine report. DMEA-2507, Lead.

Mr. Carr of the above company telephoned on May 29th in reply to my letter requesting an appointment for field examination. An appointment was set for July 15.

Apparently the company is in no hurry as they do not wish to start work under the contract until summer of 1953.

Robert E. Wallace

cc: USBM
DMEA
USGS (SRO)

FILE COPY
700 SURNAME:

Schmidt
Ellis

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

MAY 3 2 1952

Mr. A. B. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket DMEA-2507
(Copper, lead, zinc, silver and gold)
Pulpit Mountain Mining Company
Boundary County, Idaho

Dear Mr. Weissenborn:

The above captioned application would normally require a letter of inquiry to provide needed data concerning justification for the project. However, since you state in your letter of April 29, 1952, that you have retained one copy of the application and that a Field Team examination will be made, we will refrain from making further inquiries of the applicant and await the Field Team Report.

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee (JHB)
Defense Minerals Exploration
Administration

FSchmidt/jem
5/20/52

cc to: Adm. Reading File
Docket
Messrs. C.H.Johnson, Rm. 3621
Ned Nelson, Rm. 4216 GSA
Ellis
Schmidt
Field Team Region II
Opr. Com.

APPROVED:

/s/ J. H. Hedges (JHB)
For Bureau of Mines

/s/ D. M. Lemmon (JHB)
For Geological Survey

5/23/52 gfa

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

May 21, 1952

Memorandum

To: E. W. Ellis, DMEA

From: C. H. Johnson, Bureau of Mines

Subject: Pulpit Mountain Mining and Exploration Company, DMEA 2507, Boundary County, Idaho (Copper)

I have a copy of the subject application. Inasmuch as the Field Team, according to Weissenborn's transmittal memorandum dated April 29, 1952, will make an examination "at the earliest practicable date," I will hold the application until a report comes in. The Bureau of Mines has no previous report on the property, so far as our index shows.

C. H. Johnson

C. H. Johnson

Copy to - Mr. Nelson, USGS
Minerals Division
C. H. Johnson
Base Metals
Files

DEPARTMENT OF THE INTERIOR
Bureau of Mines
MAY 23 1952

5/19/52 gla

IN REPLY REFER TO:

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

May 15, 1952

Memorandum

To: Mr. E. W. Ellis

From: N. E. Nelson

Subject: DMEA-2507, Pulpit Mountain Mining & Exploration Company Property in Boundary County, Idaho.

Comment

While Boundary County, Idaho, was the subject of a report by Kirkham and Ellis in 1924 (Bulletin No. 10, Idaho Bureau of Mines and Geology), neither the Pulpit Mining Company nor the Copper Falls property are mentioned.

Since "there are over a hundred veins, stringers, and outcroppings in and surrounding the landslide area, approximately four hundred (400) feet in width and seven hundred (700) feet in length" (application p. 2) the applicant, or someone for it, should provide a better map and give the results of a systematic sampling. The sketch map given does not give a favorable impression. Should such a new map be furnished and should it lend support to the hopes of the application, a field team report could be warranted.

N. E. Nelson

N. E. Nelson
Geologist

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

May 15, 1952

Memorandum

To: Mr. E. W. Ellis

From: N. E. Nelson

Subject: DMEA-2507, Pulpit Mountain Mining & Exploration Company Property in Boundary County, Idaho.

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N. E. Nelson

N. E. Nelson
Geologist

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-2507
Metal or Mineral
Date Received 5-2-52
Amount $
Participation (Government %)

Name and address of applicant

Pulpit Mountain Mining & Exploration Company
2215 North Cannon
Spokane, Washington

Date April 3, 1952

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

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?

   (*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
MAY - 2 1952

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

   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.

Pulpit Mountain Mining & Exploration Co.
(Name of company)

By Marvin M. Carr
(Signature of authorized official)

April 3, 1952
(Date)

Co-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

1. (a) The real property of the Pulpit Mountain Mining and Exploration Company is located in the Yahk District, in Idaho; approximately three (3) miles south of Kingsgate, B.C., and approximately two (2) miles northeast of Addy, Idaho, in Boundary County.

(b) Filed on claims on the 21st day of September, 1951, at 1:32 P.M., recorded in Book 6, of Mining Locations, on page 162, records of Boundary County, State of Idaho.

(c) The real property consists of three (3) claims, approximately fifty-five (55) acres, that are filed as follows:

(1) Geneva Claim #1, total area twenty (20) acres; located in Township Forty (40) North, Range Two (2) East, Section S-Twenty Three (23).

65?

(2) Geneva Claim #2, is approximately fifteen (15) acres, and adjoins Geneva #1 on the northerly side; extending into Township Forty (40) North, Range Two (2) East, Section S-Twenty-Four (24). 65?

(3) Copper Cascade claim is approximately twenty (20) acres, and adjoins Geneva Claim #2 in a northerly direction, and is located in Township Forty (40) North, Range Two (2) East, Section Twenty-Four (24).

65?

2. (a) Assays reveal present minerals: Copper, lead, silver, gold, and zinc.

(b) (1) Due to the late discovery and staking of the before mentioned claims, (September 20, 1951), we are as yet unable to secure a geological or engineering report. We will have additional data when your field man surveys our property.

(2) On Geneva Claims 1 and 2, there is the former workings of the "Copper Falls Mining Company", incorporated in March, 1911.

a. 350-foot tunnel; 250-foot crosscut; and 40-foot rise.

b. All former work done by hand.

c. Timbering not needed, except for surface slough at portal.

d. No moisture problem.

e. Tunnel in good condition.

(3) As to the geological features of our property, according to the Kirlkham and Ellis geological survey of Boundary County, which is recorded under Bulletin #10, at the Idaho Bureau of Mines, they set forth that we are within the BELT SERIES. The Belt Series is defined as follows:

Numerous formations, correlations, and subdivisions, not yet established in Idaho. It is largely quartzitic, argillauous and includes some calacareous. The age, they believe, is Pre-Canbrian and for the main part, stratified rock. This belt is made up very much the same as the belt in which the Coeur d'Alene mining district lays; and it might be the continuation of the same belt.

(4) Reasons for expecting to find commercial orebodies:

It is our contention from the mineral surface showings, that the crosscut in the main tunnel is headed away, not toward the orebody. (See sketch). There are over a hundred veins, stringers, and outcroppings in and surrounding the landslide area, approximately four hundred (400) feet in width, and seven hundred (700) feet in length.

From the drift in the main tunnel, we estimate by driving four hundred feet northeast, we will be under the land slide and should contact main orebody.

Assay reports reveal from $80 to $100 per ton on surface.

Reports reveal that a noted mining engineer surveyed the property and concluded that high grade ore lies under the land slide, and toward the falls; but in spite of his conclusions, the "Copper Falls Mining Company", angled away from the falls.

All equipment and supplies listed in question 7(b), have been purchased solely by us to reopen this old mine, but we find we need outside capital to prove this prospect.

3. (a) The proposed work is as follows:

(1) There is a wagon road that branches off from the forest service road, which is less than one (1) mile. Portions of the mine road will have to be widened, and may have to have one grade reduced.

(2) Construct a one-room cabin.

(3) Construct a compressor shed, to be used for tools and storage also.

(4) Drive four -hundred (400) foot tunnel.

(5) Total cost of project, $13,326.24.

(b) Figuring twenty six (26) working days a month, and eliminating one month for construction, etc., will leave one hundred thirty six (136) days to drive four hundred (400) foot crosscut, eighteen (18) days for surface exploration and breakdowns; total shifts for project, one hundred sixty-two (162).

Driving tunnel at plus-rate of three (3) feet a day, we estimate one seasonal year will be needed.

5. No existing facilities or buildings on present claims.

6. (Construction; all labor to be performed by Pulpit Mountain Mining and Exploration Company).

(a) Construction of a one-room cabin. Materials consist of one thousand seven hundred fifty (1,750) feet of lumber; dimension, shiplap, and three and one-half (3½) square of No. 3 cedar shingles; chimney pipe, flashing, tar paper, door, two (2) moveable windows, and miscellaneous, such as nails, paint, etc. Estimated cost of the above materials, Five Hundred Dollars ($500.00). Labor will cost about Two Hundred Forty Dollars ($240.00); figuring Sixteen Dollars ($16.00) a day for fifteen (15) days. Total cost, Seven Hundred Forty Dollars ($740.00).

(b) Construction of combination, compressor and tool shed. Materials include fourteen hundred (1400) feet of dimension, and shiplap, three (3) squares of No. 3 cedar shingles, tar paper, nails, paint, etc. Estimated cost, Two Hundred Ten Dollars ($210.00). Labor will cost about One Hundred Twelve Dollars ($112.00); figuring Sixteen Dollars ($16.00) a day, for seven (7) days. Total cost, Three Hundred Twenty-Two Dollars ($322.00)

Fixtures: (The following may be purchased by us)

(c) Fifteen hundred feet (1500) of five (5) pound steel rail, spikes and ties included. The cost will be approximately Nine Hundred Fifty Dollars ($950.00). Labor for laying rail, at Sixteen Dollars ($16.00) a day for one day. Labor cost, Sixteen Dollars ($16.00). Total cost, Nine Hundred Sixty Six Dollars ($966.00).

(d) Mine road will have to be repaired for approximately one (1) mile and possibly one (1) to two (2) grades reduced. Eight (8) hours operating time at Twelve Dollars ($12.00) per hour cost Ninety Six Dollars ($96.00). Travel time, four (4) hours, not to exceed Forty Eight Dollars ($48.00). Total cost to repair road, One Hundred Forty Four Dollars ($144.00).

7. (a) None.

(b) (1) An additional four hundred feet (400) of two (2) inch air pipe will have to be purchased. Approximate cost, One Hundred Forty Dollars ($140.00).

(2) Twenty-gallon water tank, with attachments for wet-head operation. Approximate cost, Sixty Five Dollars ($65.00).

(3) A standard set of drill steel, with carbide bits will be added to our present supply, in case of breakage. Approximate cost, Two Hundred Dollars ($200.00).

(c) (1) Ingersoll-Rand Compressor 210. Cost, Two Thousand Dollars ($2,000.00), depreciation for sixty (60) months at $33.33 per month.

(2) 1½-ton, 1937 eight-speed GMC truck, cost Five Hundred Dollars ($500.00), depreciation for sixty (60) months at $8.33 per month.

(3) ½-ton, 1938, four-speed Dodge pickup truck; cost One Hundred Fifty Dollars ($150.00), depreciation for sixty (60) months at $2.50 per month.

(4) Victor welding and cutting acetylene set; Cost One Hundred Thirty Dollars ($130.00), depreciation for sixty (60) months at $2.16 per month.

(5) Denver-Gardner jackhammer, wet Model #55; cost Two Hundred Dollars ($200.00); depreciation for sixty (60) months at $3.33 per month.

(6) Used ore car, cost One Hundred Dollars ($100.00); depreciation for sixty (60) months at $1.66 per month.

(7) Used bar-cradle-arm-saddle, cost One Hundred Seventy Five Dollars ($175.00); depreciation for sixty (60) months at $1.75 per month.

Total depreciation for the above in the project period assigned is Three Hundred Twenty One Dollars and Thirty-Six Cents ($321.36).

8. All exploration work will be performed by us (three in number--miners). A straight Sixteen Dollars ($16.00) a day, per man, per working month, at twenty six (26) days per month. If we find that we need additional help, we will hire experienced help at Sixteen Dollars ($16.00) per day, which will include industrial insurance and social security.

Crosscutting to be done in one hundred thirty six (136) operating days, three-man screw, at Sixteen Dollars ($16.00) per man per day, four hundred eight (408) man days = Six Thousand Five Hundred Twenty Eight Dollars ($6,528.00). Note: Some man days will be used for surface exploration included in the above.

(a)	(1)	Cost of labor for crosscutting	$ 6,528.00	
	(2)	Cost of labor for construction	368.00	
	(3)	Cost of labor for additional maintenance, supervision, etc.	864.00	
		Total Cost for Labor		$ 7,760.00
(b)	(1)	Cost of powder per day		
	(2)	$11.35 at 136 operating days		1,543.60
	(3)	12 holes @ 4 rounds		
	(4)	2 holes @ 3 rounds		
	(5)	(Above is figured at maximum)		
(c)	(1)	Cost of supplies, fixtures, and roads	$ 1,080.00	
			405.00	
			250.00	
			405.00	
			100.00	
				4,200.00
				1,960.00
				144.00
				$ 13,647.60

9. (a) Materials have been fairly well covered in the previous questions.

(b) Supplies will be itemized.

(1) Food will not cost over Two Dollars ($2.00) per day per man, for three men will be Six Dollars ($6.00) per day; on a thirty (30) day a month basis for two, six (6) months amounts to One Thousand Eighty Dollars ($1,080.00).

(2) Dynamite costs per day for five (5) months, twenty six (26) working days per month, cost approximately One Thousand Five Hundred Forty Three Dollars and Sixty Cents ($1,543.60).

(3) Gasoline, oil, grease, carbide, and white gas, etc., will cost approximately $2.50 per day, for six (6) months, one hundred sixty two (162) working days. Approximate cost, Four Hundred Five Dollars ($405.00).

(4) a. Small hand tools, machine parts and similar items should not exceed the maximum of $250.00.

b. Engineering costs are not comprehendible, unless advised by your field engineer.

c. Accounting will be performed by us.

d. Power costs is answered in question 9(b)(4).

e. Water facilities costs will be nil.

f. We already have almost all the utilities that we need. Minor items that may need to be purchased shall not exceed over One Hundred Dollars ($100.00) for the project.

g. Total costs for supplies, etc., listed above is $3,378.60.

10. (a) We are prepared to invest $6,663.12.

(b) Yes.

11. From the main highway to the county road, the distance is approximately one-eighth of a mile. From there on, for approximately one (1) mile the road passes through two (2) farms before entering government land. The owners of these farms (as far as we have been able to gather at the Court House in Bonners Ferry), have made their own repairs on the road and therefore are said to own the road their their property. We are investigating further before we get a right-of-way from them, but to date they have been cooperative.

From the portal of the mine to the nearest railroad (Spokane International), the distance is approximately two (2) miles. At that point there is an old sawmill, with a spur that can be used to load ore.

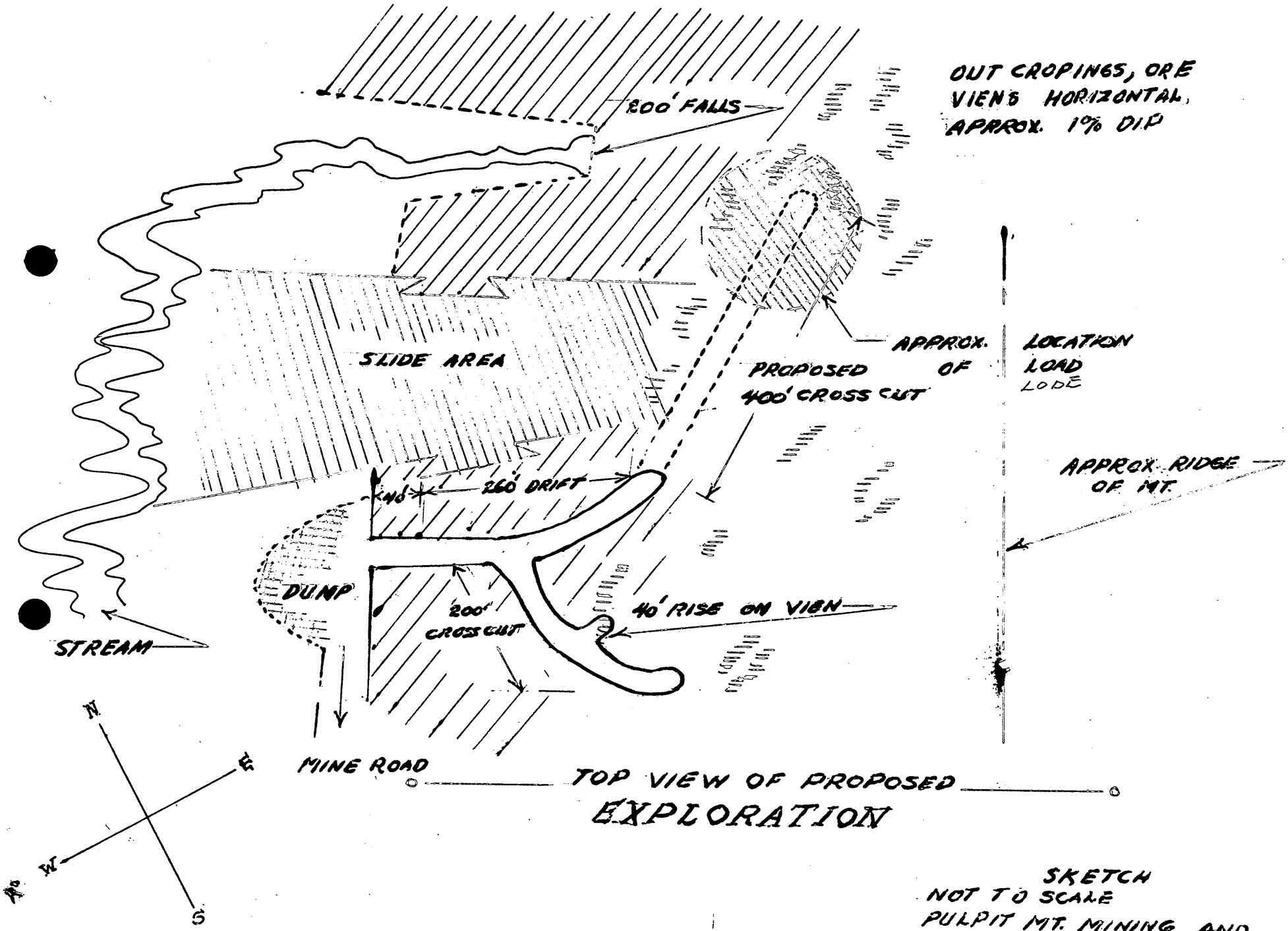
As an alternate to 3(a) and depending on the advice of your field engineers, we are planning to purchase a diamond drilling machine, complete with rods and diamond drill instead of proposed cross-cut.

Cost of diamond drill not to exceed $3,000. Cost of drilling on surface approximately $4 per foot, and with the exploration cost proposed, we will drill a minimum of 2,700 feet at a minimum of 18 feet a day.

Diamond drilling to be done in one-hundred and fifty (150) days, with a three-man crew at the rate of $16 a day.

Total man days, 450	$7,200.00
Total construction costs	368.00
Cost of labor and maintenance	864.00
Total	$8,432.00

The above plan, if found more satisfactory than the proposed cross-cut, will lower the cost of the exploration loan approximately $1,000.00.



TOP VIEW OF PROPOSED EXPLORATION

SKETCH
NOT TO SCALE
PULPIT MT. MINING AND EXPLORATION CO.

DMEA-2507

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

No. 157 Howard Street
Spokane 4, Washington

April 29, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY - 2 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

Enclosed are three copies of Form DMEA-103 submitted by the Pulpit Mountain Mining & Exploration Company, concerning a lead-zinc property in Boundary County, Idaho.

One copy of this application has been retained in this office to facilitate a field examination, which will be made at the earliest practicable date.

Sincerely yours,

Thor W. Hildegard
For: A. E. Nelsenborn
Executive Officer, DMEA
Field Team, Region 2

Enclosures.

cc: [illegible]

EXPLORATION

Subject: DMEA-2507
Re: Exploration Loan
Geneva Claims #1 and 2, Copper Cascade Claim
May 5, 1952

Mr. Marvin M. Carr
Pulpit Mountain Mining & Exploration Company
2215 North Cannon
Spokane, Washington

My dear Mr. Carr:

This will acknowledge receipt of your application dated April 3, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2507 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2507 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

7862

DMEA - 2507

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
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Sincerely yours,

Thor H. Kiilsgaard

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

Enclosures.

cc: USBM

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-2507
Metal or Mineral
Date Received 5-2-52
Amount $
Participation (Government %)

Name and address of applicant

Pulpit Mountain Mining & Exploration Company
2215 North Cannon
Spokane, Washington

Date April 3, 1952

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

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?

   (*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
MAY - 2 1952

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

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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.

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(3) A standard set of drill steel, with carbite bits will be added to our present supply, in case of breakage. Approximate cost, Two Hundred Dollars ($200.00).

(c) (1) Ingersoll-Rand Compressor 210. Cost, Two Thousand Dollars ($2,000.00), depreciation for sixty (60) months at $33.33 per month.

(2) 1½-ton, 1937 eight-speed GMC truck, cost Five Hundred Dollars ($500.00), depreciation for sixty (60) months at $8.33 per month.

(3) ½-ton, 1938, four-speed Dodge pickup truck; cost One Hundred Fifty Dollars ($150.00), depreciation for sixty (60) months at $2.50 per month.

(4) Victor welding and cutting acetylene set; Cost One Hundred Thirty Dollars ($130.00), depreciation for sixty (60) months at $2.16 per month.

(5) Denver-Gardner jackhammer, wet Model #55; cost Two Hundred Dollars ($200.00); depreciation for sixty (60) months at $3.33 per month.

(6) Used ore car, cost One Hundred Dollars ($100.00); depreciation for sixty (60) months at $1.66 per month.

(7) Used bar-cradle-arm-saddle, cost One Hundred Seventy Five Dollars ($175.00); depreciation for sixty (60) months at $1.75 per month.

Total depreciation for the above in the project period assigned is Three Hundred Twenty One Dollars and Thirty-Six Cents ($321.36).

8. All exploration work will be performed by us (three in number--miners). A straight Sixteen Dollars ($16.00) a day, per man, per working month, at twenty six (26) days per month. If we find that we need additional help, we will hire experienced help at Sixteen Dollars ($16.00) per day, which will include industrial insurance and social security.

Crosscutting to be done in one hundred thirty six (136) operating days, three-man screw, at Sixteen Dollars ($16.00) per man per day, four hundred eight (408) man days = Six Thousand Five Hundred Twenty Eight Dollars ($6,528.00). Note: Some man days will be used for surface exploration included in the above.

(a)	(1)	Cost of labor for crosscutting	$ 6,528.00	
	(2)	Cost of labor for construction	368.00	
	(3)	Cost of labor for additional maintenance, supervision, etc.	864.00	
		Total Cost for Labor		$ 7,760.00
(b)	(1)	Cost of powder per day		
	(2)	$11.35 at 136 operating days		1,543.60
	(3)	12 holes @ 4 rounds		
	(4)	2 holes @ 3 rounds		
	(5)	(Above is figured at maximum)		
(c)	(1)	Cost of supplies, fixtures, and roads	$ 1,080.00	
			405.00	
			250.00	
			405.00	
			100.00	
				4,200.00
				1,960.00
				144.00
				$ 13,647.60

9. (a) Materials have been fairly well covered in the previous questions.

(b) Supplies will be itemized.

(1) Food will not cost over Two Dollars ($2.00) per day per man, for three men will be Six Dollars ($6.00) per day; on a thirty (30) day a month basis for two, six (6) months amounts to One Thousand Eighty Dollars ($1,080.00).

(2) Dynamite costs per day for five (5) months, twenty six (26) working days per month, cost approximately One Thousand Five Hundred Forty Three Dollars and Sixty Cents ($1,543.60).

(3) Gasoline, oil, grease, carbite, and white gas, etc., will cost approximately $2.50 per day, for six (6) months, one hundred sixty two (162) working days. Approximate cost, Four Hundred Five Dollars ($405.00).

(4) a. Small hand tools, machine parts and similar items should not exceed the maximum of $250.00.

b. Engineering costs are not comprehendible, unless advised by your field engineer.

c. Accounting will be performed by us.

d. Power costs is answered in question 9(b)(4).

e. Water facilities costs will be nil.

f. We already have almost all the utilities that we need. Minor items that may need to be purchased shall not exceed over One Hundred Dollars ($100.00) for the project.

g. Total costs for supplies, etc., listed above is $3,378.60.

10. (a) We are prepared to invest $6,663.12.

(b) Yes.

11. From the main highway to the county road, the distance is approximately one-eighth of a mile. From there on, for approximately one (1) mile the road passes through two (2) farms before entering government land. The owners of these farms (as far as we have been able to gather at the Court House in Bonners Ferry), have made their own repairs on the road and therefore are said to own the road their their property. We are investigating further before we get a right-of-way from them, but to date they have been cooperative.

From the portal of the mine to the nearest railroad (Spokane International), the distance is approximately two (2) miles. At that point there is an old sawmill, with a spur that can be used to load ore.

As an alternate to 3(a) and depending on the advice of your field engineers, we are planning to purchase a diamond drilling machine, complete with rods and diamond drill instead of proposed cross-cut.

Cost of diamond drill not to exceed $3,000. Cost of drilling on surface approximately $4 per foot, and with the exploration cost proposed, we will drill a minimum of 2,700 feet at a minimum of 18 feet a day.

Diamond drilling to be done in one-hundred and fifty (150) days, with a three-man crew at the rate of $16 a day.

Total man days, 450	$7,200.00
Total construction costs	368.00
Cost of labor and maintenance	864.00
Total	$8,432.00

The above plan, if found more satisfactory than the proposed cross-cut, will lower the cost of the exploration loan approximately $1,000.00.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
1187 HOWARD ST.
Spokane 8, Wash.

OFFICIAL BUSINESS

SPOKANE APR 29 1952 WASH.

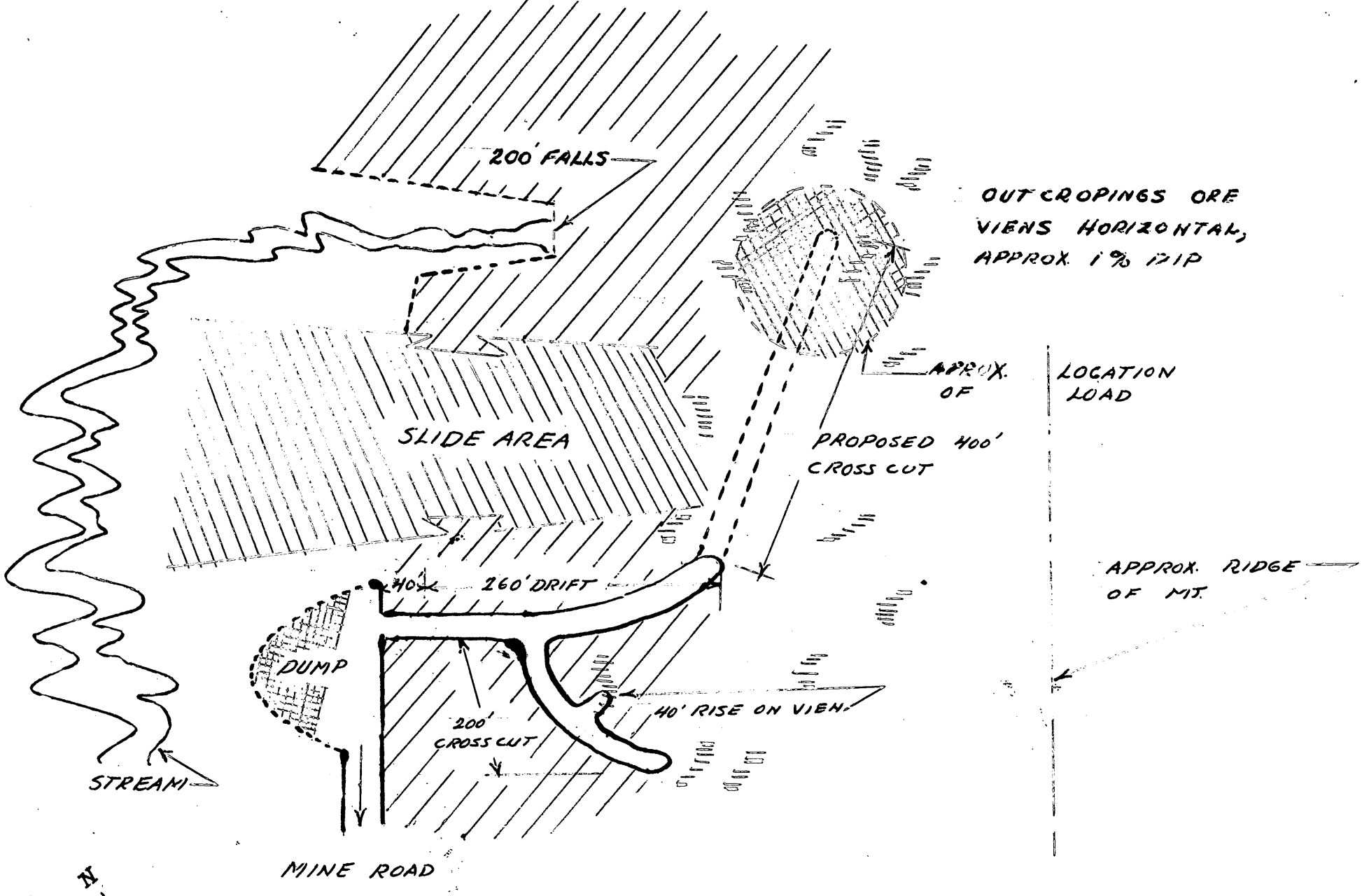
PAYMENT OF POSTAGE, $300 (PMGC)

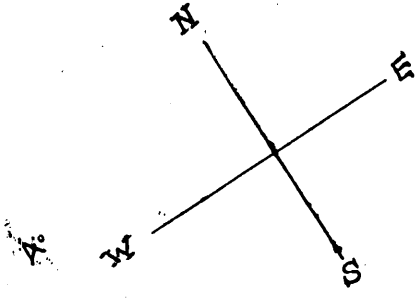
Chairman, Operating Committee

Defense Minerals Exploration Administration

Department of the Interior

Washington 25, D. C.





TOP VIEW OF PROPOSED

EXPLORATION

SKETCH
NOT TO SCALE
PULPIT MT. MINING AND
EXPLATION CO.