DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1487

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 Loan

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

Routing Slip

To:	Supply Division	Date	SEP 13 1951
To:	Reports and Records	Date	SEP 14 1951
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

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

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1487-X field report

To: Reports and Records Branch Gerald C. Burke

From: LEAD ZINC BRANCH

Date: JUL 6 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

On hand - to be denied

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

SEP 14 1951

Re: DMA-1487X
Condon-Burke Claims
Snohomish County, Washington
Exploration loan, $3,000
Zinc,copper,lead,antimony

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

The applicant has requested an exploration loan of $3,000 (Government participation 50%) for driving exploratory adits into two veins at the Condon-Burke property, Snohomish County, Washington,

The Field Team Region II, has examined the property and reports that the structures which the applicant intend to explore are only weakly mineralized fracture zones, 1" to 6" in width, in quartzite. Minor bleaching and alteration was observed along the dip of the fissures and occasional grains of chalcopyrite, sphalerite, and pyrite were noted. The field team recommends that the application for a loan be denied on the basis of the lack of geologic evidence of mineralization to justify an exploration program.

The Lead-Zinc Branch concurs with the field team's recommendation.

Returned herewith are:

Field team report
3 copies MF-103 with attached transmittal letters to and from applicant
correspondence to and from A. E. Weissenborn
sketch map

T. P. Billings, Chief
Lead-Zinc Branch

Approved:
Director, Supply Division

FILE COPY
SURNAME: 350

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

Campbell (& TM)
McKnight
Bishop
Billings

SEP 14 1951

Re: DMA-1487X
Condon-Burke Claims
Snohomish County, Washington
Exploration loan, $3,000
Zinc, copper, lead, antimony

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

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The Lead-Zinc Branch concurs with the field team's recommendation.

Returned herewith are:

Field team report
3 copies MF-103 with attached transmittal letters to and from applicant
correspondence to and from A. E. Weissenborn
sketch map

Approved:

Tom Lyon

Director, Supply Division

T. P. Billings, Chief
Lead-Zinc Branch

ABCampbell:emp G 9-12-51

Copies to: A. E. Weissenborn (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA

Administrators r. files
DMA docket files

FILE COPY
SURNAME:

350

Campbell (ETW)
McKnight
Bishop
Orlando

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

SEP 14 1951

Re: DMA-1487X

a. E. C.

Mr. Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
San Francisco, California

Dear Mr. Burke:

Your application (DMA-1487X) for an exploration loan of $3,000 for exploration work at the Condon-Burke Claims in Snohomish County, Washington, has been reviewed again by the Defense Minerals Administration after a report of an examination of your property by our field staff was received.

From the report, we conclude that the veins which you propose to explore are so weakly mineralized that there is little promise of finding a significant tonnage of strategic minerals. The Defense Minerals Administration does not consider that the expenditure of public funds which you request is warranted. I regret, therefore, that your application must be declined.

We wish to thank you for bringing the property to our attention.

Very truly yours,

Tom Lyon

B F
9/14

Tom Lyon, Director
Supply Division

ABCampbell:emp
G 9-12-51
Copies to: A. E. Weissenborn (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
O. Bishop
Directors r. files 4214 GSA
Br. r. files 4214 GSA
Administrators r. file
DMA docket files

FILE COPY
SURNAME:

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

July 5, 1951

Mr. Gerald C. Burke
% National Bureau of Standards
Old Mint Building
San Francisco, California

Subject: DMA-1487X
Re: Exploration Loan
Condon Claim

My dear Mr. Burke:

Receipt is acknowledged of your application and attachments of June 29, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1487X and was referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on July 3, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1487X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:JS
cc: Strobel-2
Files
Herres
Lyon

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

So. 157 Howard Street
Spokane 4, Washington

June 29, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Re: DMA Docket 1487X

Dear Mr. Strobel:

Enclosed are three recently acquired signed copies of Form MF-103 submitted by Gerald C. Burke on a property in Snohomish County, Washington. Also enclosed is additional data, together with a letter from Tom Lyon requesting a field examination on this property. The property was recently visited by a DMA Examination Team who recommended that the application for an exploration loan be denied.

Please place this data with Docket 1487X.

Very truly yours,

Thor H. Kiilsgaard

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

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

JUL 3 1951

Dma - 1487 X

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

June 22, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strobel:

The following is a report of the field examination of the Condon-Burke Claims, Snohomish County, Washington, docket DMA-1487 X owned by Mr. Gerald C. Burke. The report concludes that the prospect has little possibilities of disclosing ore of commercial grade interest and the Field Team concurs with this.

Sincerely yours,

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

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

Enclosures
cc: U.S.B.M., Spokane
U.S.B.M., Albany

JUN 23 1951

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

No. 157 Howard Street
Spokane 4, Washington

June 22, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strobel:

The following is a report of the field examination of the Comdon-Burke Claims, Snohomish County, Washington, docket DMA-1487 X owned by Mr. Gerald C. Burke. The report concludes that the prospect has little possibilities of disclosing ore of commercial grade interest and the Field Team concurs with this.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region IX

Enclosures
cc: U.S.B.M., Spokane
U.S.B.M., Albany

M. Z. Volin, Member
U. S. Bureau of Mines

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

No. 157 Summit Street
Spokane 4, Washington

June 22, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Strobel:

The following is a report of the field examination of the Condon-Burke Claims, Snohomish County, Washington, docket DMA-1487 X owned by Mr. Gerald C. Burke. The report concludes that the prospect has little possibilities of disclosing ore of commercial grade interest and the Field Team concurs with this.

Sincerely yours,

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

Enclosures
cc: U.S.B.M., Spokane
U.S.B.M., Albany

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

June 20, 1951

Memorandum

To: A. F. Weissenborn, Executive Officer, DMA, Field Team, Region II

From: Elton A. Youngberg, Geologist, U.S.G.S. - P. A. Christman, Geologist, U.S.G.S. - Eric G. Erickson, Mining Engineer, U.S.B.M.

Subject: Report on Condon-Burke Claims DMA 1487 X
T. 28 N., R. 11 E., sec. 7
Snohomish County, Washington
Owner - Gerald C. Burke
c/o U. S. Bureau of Standards
Old Mint Building
San Francisco, California

Recommendations:

The examining team recommends that the application of Gerald C. Burke for aid in exploring the Condon-Burke claims be denied.

Summary of Field Investigation:

The field team spent one hour at the property inspecting two weakly mineralized outcrops. Mr. Walter Connoson, a representative of the applicant, directed the team to the property.

The two veins were exposed in a road cut of the Silver Creek road. The fissures consisted of a 1-"6" fractured zones in quartzite about 6 foot on the dip at 80 E and dipping 70° to the north. Minor bleaching and alteration was observed along the dip of the fissure and occasional grains of chalcopyrite, sphalerite and pyrite were noted.

Other than clearing the face of the road-cut, the owner has done no exploratory work. The fissures have not been traced in either direction. In fact, the slightly mineralized fissures appear to grade into tight fractures at the top of the exposure. Inasmuch as these structures are so weak, the prospect appears to have little possibility of disclosing ore of commercial interest.

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

So. 157 Howard Street
Spokane 4, Washington

June 20, 1951

Memorandum

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

From: Elton A. Youngberg, Geologist, U.S.G.S. - R. A. Christman, Geologist, U.S.G.S. - Eric G. Erickson, Mining Engineer, U.S.B.M.

Subject: Report on Condon-Burke Claims DMA 1487 X
T. 28 N., R. 11 E., sec. 7 W.M.
Snohomish County, Washington
Owner - Gerald C. Burke
c/o U. S. Bureau of Standards
Old Mint Building
San Francisco, California

Recommendations:

The examining team recommends that the application of Gerald C. Burke for aid in exploring the Condon-Burke claims be denied.

Summary of Field Investigation:

The field team spent one hour at the property inspecting two weakly mineralized outcrops. Mr. Walter Gonnoson, a representative of the applicant, directed the team to the property.

The two veins were exposed in a road cut of the Silver Creek road. The fissures consisted of a 1-"6" fractured zones in quartzite about 6 feet on the dip at N 80° E and dipping 70° to the north. Minor bleaching and alteration was observed along the dip of the fissure and occasional grains of chalcopyrite, sphalerite and pyrite were noted.

Other than clearing the face of the road-cut, the owner has done no exploratory work. The fissures have not been traced in either direction. In fact, the slightly mineralized fissures appear to grade into tight fractures at the top of the exposure. Inasmuch as these structures are so weak, the prospect appears to have little possibility of disclosing ore of commercial interest.

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

JUN 13 1951

Docket DMA-1487X
Gerald C. Burke
North Fork of
Skykomish River
Snohomish County, Washington
Zinc-lead-copper prospect
Exploration loan

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

Dear Mr. Weissenborn:

This application has given no geologic description on which to appraise the pobbisibilities of exploration. The meager description suggests that the property has no merit for base metal discovery, but it will need an examination to justify a turn down. We think that it rates a very low priority.

Very truly yours,

Tom Lyon

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olof T. Rose
For Geological Survey

JUN 19 '51

Docket DMA-1487X
Gerald C. Burke
North Fork of
Skykomish River
Snohomish County, Washington
Zinc-lead-copper prospect
Exploration loan

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

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Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

ETMcKnight:emp
G 6/13/51
Copies to: Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

McKnight
Records

Mailed to → JUN 6 1951

Docket DMA-1487X
Gerald C. Burke
North Fork of
Skykomish River
Snohomish County, Washington
Zinc-lead-copper prospect
Exploration Team

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

Dear Mr. Weissenborn:

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Very truly yours,

Tom Lyon

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

Olaf N. Rove
For Geological Survey

ETMcKnight:emp
G 6/13/51
Copies to: Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

McKnight
Mote
Hughes
Lyon
Moon

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

6-13-51

JUN 13 1951

Re: Docket DMA-1487X

Mr. Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
5th and Mission Streets
San Francisco, California

Dear Mr. Burke:

Your application (Docket DMA-1487X) for a Government loan under the provisions of the Defense Production Act of 1950 has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Before final decision can be taken on your request it will be necessary to obtain additional information on your property. Your application, therefore, has been referred to Mr. A. E. Weissenborn, Executive Officer of the Field Team, South 157 Howard Street, Spokane, Washington, with the request that the needed information be supplied to us.

Very truly yours,

Tom Lyon, Director
Supply Division

ETMcKNIGHT:emp
G 6/13/51
Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

June 11, 1951

Mr. Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
San Francisco, California

Subject: DMA-1487X
Re: Exploration Loan -
Condon Claim Mine

My dear Mr. Burke:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1487X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on June 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1487X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel HB
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Bourret
Files ✓

Dma-1487X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane, Washington

June 1, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Herewith is a single Form MF-103, submitted by Mr. Gerald C. Burke. Apparently Mr. Burke had only one copy of MF-103. I have sent him additional copies of MF-103 and have asked him to fill them out and, particularly, to fill out questions 23 and 24, which he has not covered in his original application.

Sincerely yours,

A. C. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: M. . Volin

One copy of MF-103 rec. 6/4/51.
Sent to Mr. Dessie, 6/6/51.

Dma-1487X

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

June 1, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

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Sincerely yours,

A. E. Weissenborn

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

Enclosures

cc: M. E. Volin

JUN 7 1951

9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane, Washington

June 1, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Herewith is a single Form MF-103, submitted by Mr. Gerald C. Burke. Apparently Mr. Burke had only one copy of MF-103. I have sent him additional copies of MF-103 and have asked him to fill them out and, particularly, to fill out questions 23 and 24, which he has not covered in his original application.

Sincerely yours,

W. L. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: M. J. Volin

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sc. 157 Howard Street
Spokane, Washington

June 1, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

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Sincerely yours,

A. L. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: M. . Volin

Form MF-103
(April 1951)

DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1487X

Date received 6/4/51

Participation

Gerald C. Burke
c/o National Bureau of Standards
Old Mint Bldg.
San Francisco, Cal.

Name and address of applicant

Date May 28, 1951

FILL IN THIS BLOCK

Date of application May 28, 1951 Estimated cost

Mineral or metal Zinc, lead and copper. Percentage of Government participation

Location of mine Section 7, Township 28 N., Range 11 E. W.M. of the Mining District of Snohomish County, Wash.

Date of filing MF-100 DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

THE EXPLORATION

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

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

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

CERTIFICATION

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

Gerald C. Burke
(Name of company)

By Gerald C. Burke
(Signature of authorized official)

May 28, 1951.
(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.

*Same as footnote on page 1.

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

Da-1487X
c/o National Bureau of Standards
Old Mint Bldg.
San Francisco, California

May 28, 1951

Defense Minerals Exploration Administration
South 157 Howard Street
Spokane, Wash.

Gentlemen:

I just received this application form from Dr. Yancey of the Bureau of Mines here. Will you please send me more copies; so I may file in quadruplicate as is requested.

Yours truly,

Gerald C. Burke

The following are hasty replies to help me 1.
to become a recognized applicant before the closing date.

1. Gerald C. Burke, individual.

4. Have spent several years prospecting, do my own assay work and have had over ten years experience operating building maintenance concern.

5. Owner of claims.

6. None.

7. Can send copy of claim.

8. Have $1500 in savings account.

9. $1500 — yes.

10. An exposed vein assaying gold $9.10, silver $1.80, zinc $2.80 and lead $2.80 per ton respectively. located in a wall of quartz that borders a rock road which leads to numerous other previously worked mine tunnels.

b. A point on the Mineral City road 1250' N of Section line 7-18 and extending along this road to a point 1850' N of Section line 7-18 forms the easterly boundry of the London claim situated in Section 7, Township 28 N., Range 11 E. W.M. of the Mining District of Snohomish County, Wash.

12. The site of the claim is on the Mineral City road halfway between Mineral City and Galena and fourteen miles from Index, Wash. The road to Index is of slag.

13. Silver Creek is within two hundred feet of the claim.

15. Ore could be shipped to Tacoma which is about seventy miles from the claim Or it could be milled first on the site with the aid of a small mill.

16. I have been working in the area for a year. This led to my exposing a vein of minerals.

(b). Between twenty-eight and forty millions dollars worth of ore have been shipped from this region Forty years ago 1100 people were employed in it.

20. Lead, zinc, gold, silver, copper and antimony. 3

21. Plan to make several tunnels into wall. Also to make a more thorough search for other possible exposed vein areas. Four months

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1487X

Date received

Participation

Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
San Francisco, California.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 22, 1951

FILL IN THIS BLOCK

Date of application May 22, 1951 Estimated cost $3,000

Mineral or metal Zinc, lead, copper, antimony Percentage of Government participation 50 or more

Location of mine Silver Creek Mining District
Snohomish County, Wash.

Date of filing MF-100 DMA Docket Number, if available 1487X

INSTRUCTIONS

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THE APPLICANT

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

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

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

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16—64067-1

THE PROPERTY

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

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

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

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

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

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    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
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*17. Production:
    (*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)
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21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Gerald C. Burke
(Name of company)

By Gerald C. Burke
(Signature of authorized official)

May 22, 1951
(Date)

Owner
(Title)

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1487X

Date received

Participation

Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
San Francisco, California

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

May 22, 1951

FILL IN THIS BLOCK

Date of application May 22, 1951 Estimated cost $3,000

Mineral or metal Zinc, lead, copper, antimony Percentage of Government participation 50 or more

Location of mine Silver Creek Mining District
Snohomish County, Wash.

Date of filing MF-100 DMA Docket Number, if available 1487X

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(Name of company)

By Gerald C. Burke
(Signature of authorized official)

May 22, 1951
(Date)

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*Same as footnote on page 1.

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

Please note:

I've changed the date to that which I believe to be of the original application. Since I've been transferred down here I've been having trouble receiving my mail; so have in a few instances given my place of employment in order that anything of importance will get through to me.

Y.M.C.A. Hotel
351 Turk Street
San Francisco, California

June 26, 1951

Mr. A.E. Weissenborn
United States Depatment of Interior
Defense Minerals Administration
South 157 Howard Street
Spokane, Washington

Dear Mr. Weissenborn:

The enclosed material somewhat answers your request. I expected to do a better job with it but have not heard from someone who is working on the claim.

I have for some years been interested in prospecting and succeeded in locating a number of well mineralized veins. I take samples in the field and assay them myself and so get on the trail of what I think is a likely spot. I know nothing of geology and so could not tell what amount of ore would be in one of these mineralized regions. Regarding this claim I expect to do a little work on it now and then on the chance that I'll be able to get a mine going. If I don't succeed I don't think I'll be overly disappointed. If you people become interested I'll assume it's because your studies and experience have made you feel that there's the possibility of a paying ore body present.

Yours truly, Gerald C. Burke

The lines of demarcation consisting of crumbled or almost powdered rock appear to be about seven feet apart; so I judged that the vein was of this width.

I expect to drive three tunnels. The main one would follow the mineralized or seven foot vein in to a depth of forty feet. The other two would eight feet in depth. They would be on each side of the main one and start at two mineralized sites that I wish to explore.

I am interested in driving these tunnels because I hope to uncover ore that will be rich enough in value to mine. Old timers of the area claim that as the veinswere followed in they either faulted or became progressively richer in value.

24.

If I locate a paying mine I should be able to have it worked at the cost of about $25.00 a foot. Exploratory work of this nature will, of course run much higher per foot. I'd estimate it as being between $50.00 and $60.00 per foot. An air compressor that will work satisfactorily on hard rock rents at about $16.00 a day. This includes hose, hammer, drills, etc. Bits go on a resharpening basis of about fifty cents each. Dynamite runs about $2.00 per foot of rock removed. A truck would have to be engaged to move rock removed to a spot up the road a way. I would not be able to break down the costs, as I do not have sufficient experience to know what situations will develop as I tackle the job. In doing the work I would try to employ one or two experienced men and work with them as much as possible.

From U.S. Bureau of Mines report after assay at Albany, Oregon, March 22,1951:

The sample contains quartz, feldspar, chlorite, hydromica, pyrite, galena, sphalerite, chalcopyrite, cerussite, arsenopyrite, calcite and magnetite.

From recollection of smelter's report. Work done at Trail,B.C.

	Per cents	
Zinc	3.33	
Lead	0.4	
Copper	0.1	
Antimony	0.1	
Sulfur	24.0	
Iron about	6.0	
Silica "	38.0	
Germanium less than		0.0001
Arsenic about	2.4	
	Oz.	
Gold	0.26	
Silver	1.4	

The above bulk sample assayed at about $22.00 a ton. It was taken from the central portion of the vein from an area that was the most mineralized and which was about two feet in width. Depth of penetration then was about four inches. The two and a half feet on either side of this central portion were at the time considered as wall rock. I have since penetrated from one and a half to two feet with steel wedges and dynamite. It was at this stage that your men had seen it. I hoped that as I got in the ore would come up in value. However, the only assay work I have done on this new surface has been to examine material from it for traces of molybdenum and tungsten that seen to be evident with spot tests.

I am sorry, but I know next to nothing about geology and so cannot answer the question regarding it.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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DO NOT FILL IN THIS BLOCK

Docket No. DMA 1487X

Date received 7-3-51

Participation

Gerald C. Burke
c/o National Bureau of Standards
Old Mint Building
San Francisco, California

Name and address of applicant

Date May 22, 1951

FILL IN THIS BLOCK

Date of application May 22, 1951 Estimated cost $3,000

Mineral or metal Zinc, lead, copper, antimony Percentage of Government participation 50 or more

Location of mine Silver Creek Mining District
Snohomish County, Wash.

Date of filing MF-100 DMA Docket Number, if available 1487X

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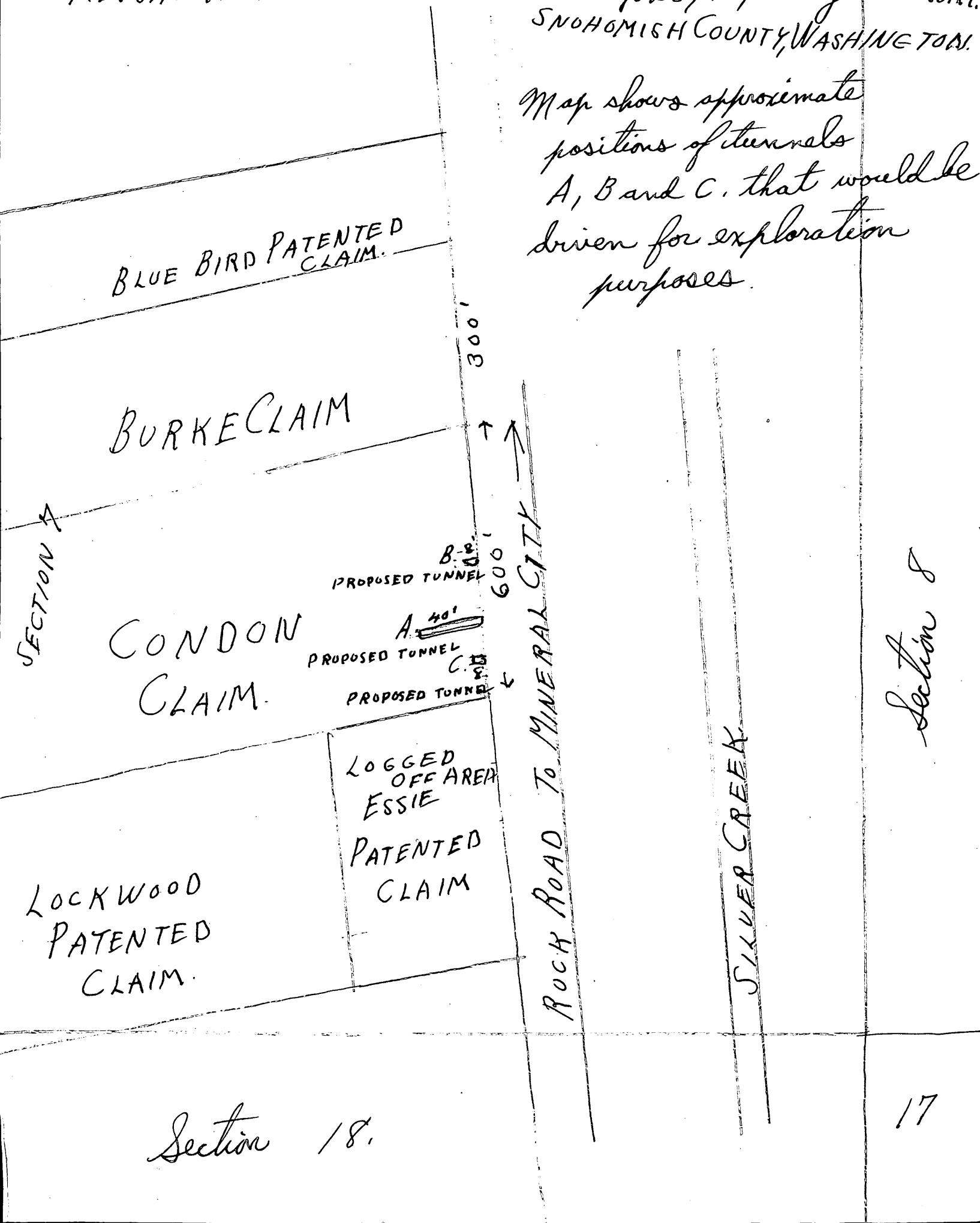
METSKER MAP.

Township 28, N., Range 11 E. W.M.
SNOHOMISH COUNTY, WASHINGTON.

Map shows approximate positions of tunnels A, B and C. that would be driven for exploration purposes.