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

February 25, 1952

Memorandum

To: Mails and Files Division

From: Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Subject: Arthur E. Boroughf
Docket No. DMA-1436X (Copper)

On the basis of the attached memorandum from Region II dated February 14, 1952, this Division has closed this application on our records. The notation at the top of letter mailed to the applicant on June 21, 1951, indicates that the docket file was mailed to the Regional Office. Therefore, the temporary file is attached for your records.

EWE

2/25/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

February 14, 1952

FEB 18 1952

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

Re: Docket No. DMA-1436X (Copper)
Arthur E. Boroughf
31 So. Clark Street
Chicago, Illinois

Dear Mr. Mittendorf:

This letter is in reply to your letter of February 12 with reference to the above noted docket.

Mr. Weissenborn telegraphed Mr. Boroughf on June 25, 1951 and asked him to have his Spokane agent make available to us data requested in the referral letter. Mr. Boroughf telephoned from Chicago and told me that the Crater Mining Company of Spokane was acting as his agent. Mr. Meyer, the manager of the Crater Mining Company was somewhat surprised that Mr. Boroughf had applied for an exploration loan as Mr. Boroughf had only an option to lease or buy. Subsequently, Mr. Meyer told us that the option on the property had lapsed. On August 9, 1951, a letter was written to Mr. Boroughf asking him to advise us by letter of what should be done with his application. Our letter was not answered, and in due time the docket was placed in our dead file.

Sincerely,

Verne C. Fryklund Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

700

FILE COPY
SURNAME:

Ellis
Johnson
Nelson Map ok (By phone) cwf

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

FEB 1 2 1952

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

Re: Docket No. [illegible]-1436A (Copper)
Arthur . Boroughf, 31 South Clark Street, Chicago, Illinois
(Snowstorm, Copper Butte Mining Claims, Gold [illegible], Mining Lode, Million, and others)

Dear Mr. Weissenborn:

In reviewing applications pending further action, including those referred to Field Offices, it is noted that the above docket was referred to our office on June 21, 1951. No information has been received regarding this application since your July report of applications on hand at the end of that month, with the following notation:

> "We have been informed that lease no longer is valid. Case probably dead. Memorandum in preparation."

Our records do not reveal the receipt of a memorandum which would enable us to close this docket. Kindly inform us as to the status.

Sincerely yours,

C. O. Mittendorf (fw)

ACTING Chairman, Operating Committee
Defense Minerals Exploration Administration

APPROVED:
J. H. Hedges
Director, Bureau of Mines

J. P. Thayer
Director, Geological Survey

EWEllis/gla/jem
2/7/52
cc to: Adm. Reading File
Docket E.P.L. 2/12/52
Messrs. Johnson, C.H. Rm. 3621
Nelson, Ned Rm. 4216 GS
Ellis
Field Team, Reg. II

FILE COPY
SURNAME:

Gowen

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

Docket mailed

JUN 21 1951

Re: Docket No. DMA-1436 X

Arthur L. Beroughf, Agent
31 South Clark Street
Chicago 3, Illinois

Dear Mr. Beroughf:

This is to inform you that your application for aid for an exploration project has been referred to the field team for further study. You should hear shortly from Mr. J. M. Weissenborn, Executive Officer, DMA Field Team, South 157 Howard Street, Spokane, Washington, Region II.

Very truly yours,

Tom Lyon, Director
Supply Division

JWALT:
~~TLyon:~~ jp

Copy to: Executive Officer, DMA Field Team (2)
Executive Secretary
Administrator's Reading File
Coordinating Committee
J. D. Cowen - Rm. 2522
Charles J. Johnson
D. Mac Laren
Files

AUG 1956

FILE COPY
SURNAME:

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

June 11, 1951

Mr. Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

Subject: DMA-1436X
Re: Exploration Loan - Snowstorm, Copper Butte Mining Claims, Gold Bug, Evening Lode, Bullion, and others.

Dear Mr. Boroughf:

Receipt is acknowledged of your application and attachments of May 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1436X and referred to Mr. Justin Gowen, Chief, Copper Branch, on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1436X.

Sincerely yours,

LANDON F. STROBEL

LFB

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

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

Form [illegible]
(April 1951)

U[redacted]DEPARTMENT OF THE INTER[redacted]

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-1436X

Date received 5/31/51

Participation

Arthur E. Boroughf, Agent
31 South Clark Street
Chicago 3, Illinois

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $20,000

Mineral or metal Copper and Lead

Percentage of Government participation 50 per cent

Location of mine Two to four miles South of Danville, Washington

Date of filing MF-100 None filed.

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.

See RIDER attached for all Answers.

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.

(Name of company)	By Arthur E. Borovyk (Signature of authorized official)
May 31, 1951 (Date)	Agent (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

Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

RIDER

Attached to Application Form MF-103 of
Arthur E. Boroughf, Agent, dated May 31, 1951

1. Applicant is acting as Agent for either a partnership or corporation yet to be organized. Contract rights represented by Applicant now stand in the name of Glen F. Ackley, care of Applicant. Applicant is acting as Agent for Glen F. Ackley, Principal.

2. See answer to Item 1 above.

3. See answer to Item 1.above.

4. (a) Neither Applicant nor his Principal has had any mining experience except that certain knowledge about mines has been acquired by them. Applicant is a lawyer of many years' experience in the practice of law in Chicago, Illinois. Applicant is a member of the law firm of Friedlund, Levin & Friedlund, 31 South Clark Street, Chicago, Illinois. Glen F. Ackley, Principal, is a well to do realtor with years of experience in that business in Chicago, Illinois.

   (b) The person who will manage the project is not definitely determined, but such person may be H. P. Meyer, an officer of Crater Mining Company located at Spokane, Washington. Such person may be determined to be a competent mining engineer to be selected. It is possible that F. B. Hinrichs, Evanston, Illinois, will be in charge of the operations. Mr. Hinrichs has had years of experience in passing upon the possibilities of mining properties in connection with his association with one of the nation's most prominent securities houses.

5. Applicant has contract for lease on the Snowstorm and Copper Butte mining claims owned by Crater Mining Company, Spokane, Washington, included herein in properties described as Parcel 1. Applicant has contract for purchase or lease on mining claim known as the Gold Bug, being purchased from Charles Moomaw of Spokane, Washington, described herein as Parcel 2. Applicant has contract with Morning Star Mining Company, located at Spokane, Washington, for purchase of all the mineral rights contained in properties described herein as Parcel 3.

Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

6. To the best of Applicant's information, there are no claims, liens or enbumbrances against any of these properties except as indicated by Applicant's contracts for acquisition of same. Applicant does not own any of these properties in fee simple.

7. Copies of leases will be furnished as soon as they are obtained.

8. Applicant has no financial statement to show with reference to operation of any of these properties because neither Applicant nor his Principal has operated any of such properties. If requested, Applicant and his Principal, Glen F. Ackley, can each furnish personal financial statements with respect to their other financial interests. Applicant and his Principal, Glen F. Ackley, thus far have an investment in these properties of about $10,000.

9. Applicant and his Principal are prepared to invest $10,000 in the project which, they are informed, is sufficient to pay their part of the cost of the project as detailed in Question 23 of this application form.

10. (a) Parcel 1:

Properties known as Snowstorm and as Copper Butte mining claims located in Section 9, Range 34 East, Township 30 North, E.W.M. Ferry County, Washington.

Parcel 2:

Property known as Gold Bug mining claim located in Section 9, Range 34 East, Township 30 North, E.W.M. Ferry County, Washington.

Parcel 3:

Patented lode mining claims contained in Section 16, Township 40 North, Range 34 E.W.M., Ferry County, Washington, as follows:

Evening Lode	Survey	927	7.783	acres
Bullion	"	947	20.581	"
Minnehaha	"	625	19.207	"
Tycoon	"	751	16.076	"
Copper Bullion	"	623		
Morning Star	"	623	39.003	"

Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

10. (b) Same as in Item 10 (a) above except in respect of Parcel 3 it is presently intended that exploration be limited to the Copper Bullion and Morning Star mining claims.

11. Applicant has no knowledge concerning former names of these properties.

12. These properties are about two to three miles south of Danville, Washington, and the properties adjoin each other. These properties are not far from the Kettle River. A good County Highway runs parallel to the properties. The Great Northern Railroad lies within three-quarters to one and one-quarter miles from the properties. Transportation facilities are ideal.

13. A creek runs across the property with ample water supply available, and Applicant understands that it is sufficient in all seasons.

14. These properties appear to be the extension of parallel copper and lead veins containing some gold and silver. Parcels 1 and 2 are believed to run more to copper, whereas Parcel 3 is believed to run more to lead ore. It is proposed that strip mining operations eventually will be used to mine the copper on Parcels 1 and 2. The Morning Star claim in Parcel 3 was mined for gold as early as 1900, and was mined by Morning Star Mining Company for gold for several years leading up to 1945. The latter property contains shaft, tunnels and drifts. The property also contains certain equipment which will be available for use in mining. The shaft is now filled with water. Applicant is reliably informed that approximately 1500 tons of good copper ore is blocked out on this property. Description of the available equipment and buildings must be furnished later.

15. Copper ore may be required to be shipped to Tacoma, Washington although there is a smelter quite close to these properties but across the Canadian Border.

16. (a) The Morning Star and Copper Bullion claims, as above explained, have had some exploration and development work done and have had some previous operation. The Applicant understands that the operations were suspended in 1945 because of a Government order making it impossible to get manpower. No exploration of any consequence has been conducted on Parcels 1 and 2, but there is a fine out-cropping of copper on these properties.

Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

16. (b) Extensive mining has been conducted in and about the vicinity of these properties.

(c) Assays have been made but none is available to be furnished presently with this application. A report on these properties was made December 14, 1901 to The Mineral Hill Consolidated Mining Company of Spokane, Washington by F. M. Hammond, a mining engineer. A copy of this engineering report can be furnished. High values of both copper and lead ore are indicated from reliable sources. Enclosed is map which was furnished by the Department of Public Lands at Olympia, Washington, which indicates the location of these properties. Parcels 1 and 2 lie immediately to the north and slightly west of the north line of Section 16, in which latter section is located the Morning Star and Copper Bullion lodes.

17. None of these properties is in production.

18. Presumably the records of Morning Star Mining Company, which operated the Morning Star and Copper Bullion lodes contained in Parcel 3, can be made available. It appears to be the opinion of various interested parties with experience and knowledge of mining that Parcels 1 and 2 may contain vast quantities of high-grade copper ore. The Morning Star and Copper Bullion claims have already been proved to contain hundreds of tons of high-grade lead ore.

19. Applicant has a sizable file containing data of one sort or another on these properties, some of which is based on hearsay and goes back 50 years or more. Time does not permit to expand upon this information in this application.

20. Exploration will be conducted primarily for copper ore in properties described as Parcels 1 and 2, and will be conducted primarily for lead ore on property described as Parcel 3.

21. It is proposed on the copper properties (Parcels 1 and 2) to bulldoze strips across the sloping hill and through the estimated 200 feet of the vein area. It is believed that stripping the surface to about 10 feet will disclose just where the vein lies and if a strip mining operation will be feasible. It is also proposed that core drilling be done on these copper properties under the supervision of a competent mining engineer and geologist. It is proposed that the shaft, approximately 120 feet deep, on the Morning Star property (Parcel 3) will be drained out and such work as is

Arthur E. Boroughf
31 South Clark Street
Chicago 3, Illinois

necessary be done to sample various portions of the lead vein already blocked out. It is estimated that the total time involved in all this exploratory work should not exceed 60 to 90 days. Applicant desires aid from the Defense Minerals Administration for both this exploraty work and such development of the ores as may be necessary to make the properties ready for mining operations.

22. Geological and other data will be furnished supplementary to this application. Most of this data is available at Spokane, Washington and must be assembled for presentation. Enclosed is a copy of a letter from Crater Mining Company to W. M. Fredericks, dated November 24, 1950, which with reference to properties noted in such letter as No. 3 relates to Parcel 3, and which with reference to properties No. 4 relates to our Parcel 2. A copy of this letter is furnished primarily because it is available to be appended to this application and because it constituted Applicant's first introduction to these properties.

23. Detailed analysis of requirements and costs must be supplied later. $5,000 is roughly considered sufficient money with which to explore Parcels 1 and 2, and $15,000 is considered ample for exploration and development of Parcel 3.

24. Upon approval of the project, work would be expected to commence on exploration of the copper properties (Parcels 1 and 2) within 30 days and the exploration completed within 90 days, the cost thereof being spread out over that period. Upon approval of the project, work would commence within two weeks to unwater the lead mine, and exploration and development should be completed within 90 days.

Arthur E. Boroughf
Agent

Chicago, Illinois

Dated May 31, 1951