Mr. Lloyd P. Lounsbury
Box 067
Fairbanks, Alaska

Re: Docket No. DMA 1820 - Tungsten
First Chance Creek
Fairbanks, Alaska

Dear Mr. Lounsbury:

Your application dated July 9, 1951, for an exploration loan, and other information regarding the subject docket have been carefully reviewed in this office.

We have been informed that sampling of the deposit indicates that the area exposed does not contain sufficient tungsten to justify the size of operation that you contemplated. It is also noted that you are preparing maps and doing other work in the hope that this work may aid you in finding indications of larger tonnages or deposits of higher grade and that, if successful, you will file a new application. Therefore, we shall remove the application from the active file and consider the docket closed.

If and when you file a new application, it will be given a new docket number.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

CGGentry:ds
2/13/52

Copy to: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team, Region 1
G. G. Gentry
G. C. Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

P. O. Box 2990
Juneau, Alaska
January 29, 1952

Mr. C. O. Mittenderf
Acting Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMA 1820X - Tungsten
First Chance Creek
Fairbanks, Alaska

Dear Mr. Mittenderf:

Reference is made to your letter of January 23 on the above subject.

Our sampling of the deposit indicated that the ore now exposed does not contain sufficient tungsten to justify an operation of the small size contemplated by the applicant in the application that is now on file; therefore we have not encouraged him to pursue the matter further at this time. I suggest that the application be removed from the docket.

The local (Fairbanks) office of the Geological Survey is co-operating with Mr. Lounsbury by sampling and mapping his excavations in the hope that these results might aid him in finding indications of larger tonnages or deposits of higher grade. If he is successful a new application will be submitted.

Yours sincerely,

S. H. Lorain
Executive Officer
Alaska Field Team, Region I

cc: Wm. Twenhofel

FILE COPY
SURNAME:

2-18-52

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

Mr. Lloyd P. Lounsbury
Box 967
Fairbanks, Alaska

Re: Docket No. DMA 1820x - Tungsten
First Chance Creek
Fairbanks, Alaska

Dear Mr. Lounsbury:

Your application dated July 9, 1951, for an exploration loan, and other information regarding the subject docket have been carefully reviewed in this office.

We have been informed that sampling of the deposit indicates that the ore now exposed does not contain sufficient tungsten to justify the size of operation that you contemplated. It is also noted that you are preparing maps and doing other work in the hope that this work may aid you in finding indications of larger tonnages or deposits of higher grade and that, if successful, you will file a new application. Therefore, we shall remove the application from the active file and consider the docket closed.

If and when you file a new application, it will be given a new docket number.

Sincerely yours,

C. O. Mittendorf (for) 2/18/52

Acting Administrator
Defense Minerals Exploration
Administration

GGGentry:GCSelfridge:ls
2/13/52

Copy to: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team, Region 1
G. G. Gentry
G. C. Selfridge

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~

P. O. Box 2990
Juneau, Alaska
January 29, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1952

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

Re: Docket No. DMA 1820X - Tungsten
First Chance Creek
Fairbanks, Alaska

Dear Mr. Mittendorf:

Reference is made to your letter of January 23 on the above subject.

Our sampling of the deposit indicated that the ore now exposed does not contain sufficient tungsten to justify an operation of the small size contemplated by the applicant in the application that is now on file; therefore we have not encouraged him to pursue the matter further at this time. I suggest that the application be removed from the docket.

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Yours sincerely,

S. H. Lorain
Executive Officer
Alaska Field Team, Region I

cc: Wm. Twenhofel

400

FILE COPY
SURNAME:

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

Gentry

JAN 23 1952

Mr. S. H. Lorain
Executive Officer, Region I
Bureau of Mines
P.O. Box 2990
Juneau, Alaska

Re: Docket No. DMA 1820X - Tungsten
First Chance Creek
Fairbanks, Alaska

Dear Mr. Lorain:

We have noted your letter to Mr. Tom Lyon, Chairman, Coordinating Committee, dated October 5, 1951, with reference to the subject docket.

Will you please advise this office as to the present status of your mapping, sampling and your engineer's report as we are anxious to continue the processing of the application.

Sincerely yours,

C. O. Mittendorf (fw) 1-23-52.

Acting Administrator
Defense Minerals Exploration
Administration

GGGentry'lm
1/22/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. I
G. C. Selfridge
G. G. Gentry

340

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
P. O. Box 2990
Juneau, Alaska

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
OCT 9 11 15 AM '51

October 5, 1951

Tom Lyon, Chairman
Coordinating Committee
Defense Minerals Administration
Washington 25, D. C.

Reference: Docket DMA-1820 Tungsten

Dear Mr. Lyon:

Reference is made to your letter of October 1 regarding the Lounsbury tungsten application.

We have found it necessary to map and sample the numerous trenches that Mr. Lounsbury has dug during the summer, in order that we may evaluate his application. Partly because of other commitments and partly because we had to ask him to do additional work we have not been able to complete the mapping and sampling. This work is now in progress and we expect that it will be completed within a few weeks. I doubt however, if we will be able to work up an adequate presentation before sometime next month.

Yours sincerely,

S. H. Lorain
Executive Officer
Alaska Field Team, Region I

cc: Wm. S. Twenhofel
J. A. Herdlick

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
P. O. Box 2990
Juneau, Alaska

October 5, 1951

Tom Lyon, Chairman
Coordinating Committee
Defense Minerals Administration
Washington 25, D. C.

Reference: Docket DMA-1820 Tungsten

Dear Mr. Lyon:

Reference is made to your letter of October 1 regarding the Lounsbury tungsten application.

We have found it necessary to map and sample the numerous trenches that Mr. Lounsbury has dug during the summer, in order that we may evaluate his application. Partly because of other commitments and partly because we had to ask him to do additional work we have not been able to complete the mapping and sampling. This work is now in progress and we expect that it will be completed within a few weeks. I doubt however, if we will be able to work up an adequate presentation before sometime next month.

Yours sincerely,

S. H. Lorain
Executive Officer
Alaska Field Team, Region I

cc: Wm. S. Twenhofel
J. A. Herdlick

3624

Air Mail

Mr. S. H. Lorain
Bureau of Mines
P. O. Box 2990
Juneau, Alaska

1951

In reply please refer to
MA-1820 Tungsten

Dear Mr. Lorain:

The application MF-102 of Lloyd P. Lounsbury, Box 967, Fairbanks, Alaska was mailed to us on July 6, 1951 by Mr. Twenhofel.

He stated the various exhibits and field report were being prepared. Do you have this completed?

Very truly yours,

Tom Lyon, Chairman
Coordinating Committee

Bureau of Mines

Geological Survey

TJBallard:ec
9/27/51

CC: Adm. Reading File
DMA Docket File
Mr. Holderer
Coord. Comm.
Mr. Lemmon
Mr. Geehan

FILE COPY
SURNAME:

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

July 17, 1951

Mr. Lloyd P. Lounsbury
Box 967
Fairbanks, Alaska

Subject: DMA-1820X
Re: Exploration Loan -
Spruce Hen Mine

My dear Mr. Lounsbury:

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

The application was assigned Docket Number DMA-1820X and referred to Mr. George Holderer, Chief, Tungsten Branch on July 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1820X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel jc
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Holderer
Lyon

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

Juneau, Alaska
July 6, 1951

Dr. James Boyd
Administrator
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

DMA 1820

Dear Dr. Boyd:

Enclosed is the application (4 copies-MF-103) of Lloyd P. Lounsbury, Box 967, Fairbanks, Alaska, for an exploration contract covering his claims in the Steele Creek-First Chance Creek area, Fairbanks district.

The DMA Field Team, Region I, is preparing the data for "Exhibits 'A' through 'E'" and is also preparing the Field Team report and evaluation of this application.

Sincerely yours,

William S. Twenhofel

William S. Twenhofel, Geologist
DMA Field Team
Region I

cc: S.H. Lorain
E.M. Chapman

WST:vr

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

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 1820 X

Date received 7-9-51

Participation

Lloyd P. Lounsbury
Box 967
Fairbanks Alaska
Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $38,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Fairbanks Alaska
Steel Creek - First Chance Creek Area

Date of filing MF-100

DMA Docket Number, if available 1820X

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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*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? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. None

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. Sprucehen - formerly Sprucehen.

*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. One small spring
State amount of power to be used, rate per hour or other cost, and source. No power available

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. —None

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: No production

	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.) None

(*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. Cannot answer yet

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 Lloyd P. Lounsbury
(Signature of authorized official)

June 28 1951
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

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

Lloyd P. Lounsbury
Fairbanks Alaska

4. I owned and operated a gold quartz mine successfully for six years in the Fairbanks district. I studied mining engineering 3 years in College. I have prospected for sheelite since 1942. At the present time I am Foreman of the Alaska Road Commission shop in Fairbanks. I have a home in Fairbanks and make that headquarters for my prospecting.

8. The property is undeveloped beyond the prospecting stage. I have spent approximately $1000. and considerable time prospecting there this summer. I have been using a bulldozer and have one available to do this work.

9. I am prepared to furnish my time and some equipment as my share. I estimate the value of time and equipment at $15,000.

10. The property consists of 4 claims in a g roup at the head of First Chance Creek. It is on the west slope of a granite rid ge that extends from the head of First Chance to the head of Gilmore Creek. There are some prospect holes on the property. The claims are known as Spruce Hen #1, #2, #3, and #4. They are each 1500' by 600'. They cover the strike of the vein for 4500'. One claim, #4, is west of the 3 claims on the vein strike.

12. The property is about 12 miles from Fairbanks on the Old Gilmore Road. The road is passable but very poor. The property is N. E. of Fairbanks. Only 5 miles of the road is in poor condition.

15. The ore could be hauled by truck to a mill I have on Ester Creek. The mill is ready for operation, but a table would have to be added to the flow sheet. There seems to be very little water in the mine area for milling .

16. The property was prospected in 1916 but the d rop in price suspended operations. Joesting examined the property in 1943 and reported a large potential tonnage of ore. I have been prospecting with a bulldozer and have found ore.for a length of 800 feet. Some of the cuts appear to be of g ood grad e ore. The property is 3 miles from the Stepovich property on Gilmore Dome.

The area is along a granite contact and the ore is replacement type into a zone of hornblende shist. The ore is dark green and the sheelite is very fine grained.

16 C. List reports covering or referring to these deposits.

U.S.G.S Bull. 849 B. Lode Deposits of the Fbks. dist. J. M. Will, 1933.
U.S.G.S. Bull. 642, Min. Resources of Alaska. A. H. Brooks and others, 1916.
U.S.G.S. Bull. 662, Lod e Mining in the Fairbanks District. J. B. Mertie Jr., 1918.
U.S.G.S. Bull. 692, Mining in Fbks, Ruby, Hot Springs and Tolstoi districts. T. Chapin and G. L. Harrington 1919.

Lloyd P Lounsbury
Fairbanks Alaska

U.S.Bur Mines R. I. 4174 - Tungsten deposits in Alaska. R. L. Thorne and others, 1948.
Alaska Terr. Dept. of Mines file report. Prelim. report on sheelite deposits in the Fairbanks district. H. R. Joesting and E. Anderson.
U.S.G.S. Unpublished report. Tungsten deposits Steele Creek. First Chance Creek area Fairbanks district Alaska. W. C. Overstreet, 1942.
U.S.G.S. Unpublished report. Tungsten deposits in the Fairbanks dist. Alaska. F. M. Byers Jr., 1945.
Alaska Terr. Dept. Mines file report. Report on an experimental magnetometer survey of sheelite deposits in the Gilmore Dome area, Fbks dist Alaska. H. R. Joesting.

19. There appears to be several veins on the property but no work has been done to determine this. The area is highly mineralized from the granite nearby.

20. I propose to rent a bulldozer, crosscut and strip the known vein to get an estimated tonnage and value. Also I will crosscut the area with the bulldozer looking for other veins and try to determine what ore if any is along the actual granite contact. There appears to be limestone on the N. E. end of the claims . After opening up the property I will sink test shafts on the better ore shoots. If possible, the deposit should be core drilled. Due to the long cold winter here, I would estimate the time required to complete the work at 18 months from July 1, 1951.

22. This area contacts along mass of granite. The ore showing is a mineralized shist and metamorphosed basic intrusive rock 3 to 4 feet wide and contains 1 to 2 percent sheelite.
This property is mentioned in the U.S.G.S. bulletin 662 by Mertie and by W. C. Overstreet in Tungsten Deposits of the First Chance - Steele Creek Srea.

23.

a. labor - 1 miner	6000.
b. valus my time 18 months	12000.
c. None	
d. One small tool building.	1000.
e. Hoisting outfit.	2000.
f. Bulldozer rental	7500.
Air compressor and drill rental	2000.
g. Truck for transportation of personnell and supplies	1200.
h. 1 pilot mill	1500.
h. Material and supplies	6500.

July 17, 1951

Mr. Lloyd P. Lounsbury
Box 967
Fairbanks, Alaska

Subject: DMA-1820X
Re: Exploration Loan -
Spruce Hen Mine

My dear Mr. Lounsbury:

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

The application was assigned Docket Number DMA-1820X and referred to Mr. George Holderer, Chief, Tungsten Branch on July 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1820X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
✓Holderer
Lyon

1820-X

Part of docket at (103)

Lemmon

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. [illegible]

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

[illegible]

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:	[illegible]	Date	[illegible]
To:	Lewis [illegible] 1-102 [illegible]	Date	7/13/51
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INT.-DUP. SEC., WASH., D.C. 98868

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 1820 X

Date received 7-9-51

Participation

Lloyd P Lounsbury
Box 967
Fairbanks Alaska

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost 38,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Fairbanks Alaska
Steel Creek - First Chance Creek

Date of filing MF-100

DMA Docket Number, if available DMA 1820 X

INSTRUCTIONS

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. See Sheet

*5. Are you the owner or the lessee of the property? owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. None

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. See Sheet

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)? See Sheet

*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.

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*11. State the present and former names of the property, if any. Spruce Hen — Formerly Spruce Hen

*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. See Sheet

*13. State source and quantity of water available for operations and its sufficiency at all seasons. One Small Spring
State amount of power to be used, rate per hour or other cost, and source. No power available

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. None

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

*16. History: See Sheet

(*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: No Production

	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.) None

(*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. See Sheet

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? See Sheet

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THE REQUIREMENTS AND COSTS

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(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

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(*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. Cannot answer yet

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 Lloyd P. Lounsbury (Signature of authorized official)
June 28 1951 (Date)	Owner (Title)

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

*Same as footnote on page 1.

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

Lloyd P. Lounsbury
Fairbanks Alaska

4. I owned and operated a gold quartz mine successfully for six years in the Fairbanks district. I studied mining engineering 3 years in College. I have prospected for sheelite since 1942. At the present time I am Foreman of the Alaska Road Commission shop in Fairbanks. I have a home in Fairbanks and make that headquarters for my prospecting.

8. The property is undeveloped beyond the prospecting stage. I have spent approximately $1000. and considerable time prospecting there this summer. I have been using a bulldozer and have one available to do this work.

9. I am prepared to furnish my time and some equipment as my share. I estimate the value of time and equipment at $15,000.

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12. The property is about 12 miles from Fairbanks on the Old Gilmore Road. The road is passable but very poor. The property is N. E. of Fairbanks. Only 5 miles of the road is in poor condition.

15. The ore could be hauled by truck to a mill I have on Ester Creek. The mill is ready for operation, but a table would have to be added to the flow sheet. There seems to be very little water in the mine area for milling .

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The area is along a granite contact and the ore is replacement type into a zone of hornblende shist. The ore is dark green and the sheelite is very fine grained.

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U.S.G.S.

Lloyd P Lounsbury
Fairbanks Alaska

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20. I propose to rent a bulldozer and c rosscut and strip the known vein to get an estimated tonnage and value. Also I will crosscut the area with the bulldozer looking for other veins and try to determine what ore if any is along the actual granite contact. There appears to be limestone on the N. E. end of the claims. After opening up the property I will sink test shafts on the better ore shoots. If possible, the deposit should be core drilled. Due to the long cold winter here, I would estimate the time required to complete the work at 18 months from July 1, 1951.

22. This area contacts along mass of granite. The ore showing is a mineralized shist and metamorphosed basic intrusive rock 3 to 4 feet wide and contains 1 to 2 percent sheelite.

This property is mentioned in the U.S.G.S. bulletin 662 by Mertie and by W. C. Overstreet in Tungsten Deposits of the First Chance - Steele Creek Area.

23.

a. labor - 1 miner.	$6000.
b. Value my time - 18 mos.	$12,000.
c. None.	
d. One small tool building.	$ 1,000.
e. Hoisting outfit	$2,000.
f. Bulldozer rental	$7500.
~~g~~. Air compressor and Drills rental	$2000.
g. Truck for transportation of personell and supplies	$1200.
1 Pilot Mill	$1500.
h. Materials & Supplies	$6500.

FILE COPY
SURNAME:

Holderer
Gehan

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

Air Mail

a.e.c.

Mr. [illegible] Lorain
Bureau of Mines
P. O. Box 3900
Juneau, Alaska

In reply please refer to
DMA-1820 Tungsten

Dear Mr. Lorain:

The application [illegible]-[illegible] of Lloyd P. Leonsbury, Box [illegible], Fairbanks, Alaska was filed in us on July 6, 1951 by Mr. Swenhofel.

He stated the various exhibits and field report were being prepared. Do you have this completed?

Very truly yours,

[illegible]
Joe Lyon, Chairman
Coordinating Committee

Bureau of Mines

Geological Survey

TJBallard:ec
9/27/51

CC: Adm. Reading File
DMA Docket File
Mr. Holderer
Coord. Comm.
Mr. Lemmon
Mr. Geehan

July 17, 1951

Mr. Lloyd P. Lounsbury
Box 987
Fairbanks, Alaska

Subject: DMA-1820X
Re: Exploration Loan -
Spruce Hen Mine

My dear Mr. Lounsbury:

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

The application was assigned Docket Number DMA-1820X and referred to Mr. George Holderer, Chief, Tungsten Branch on July 11, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1820X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Holderer
Lyon

Rec'd Juneau 7/25/51

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 1820 X

Date received 7-9-51

Participation

Lloyd P Lounsbury
Box 967
Fairbanks Alaska

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application June 28, 1951

Estimated cost $38,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Fairbanks Alaska
steel Creek - First Chance Creek

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

Date of filing MF-100

DMA Docket Number, if available 1820 X

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*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? owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing. None

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. Spruce Hen - Formerly Spruce Hen

*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. One small spring
State amount of power to be used, rate per hour or other cost, and source. No power available

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. None

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: No production

	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.) None

(*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

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(Name of company)	By Lloyd P. Fauntleroy (Signature of authorized official)
(Date)	Owner (Title)

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

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Lloyd P Lounsbury
Fairbanks Alaska

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	h. Truck for transportation of personell and supplies	$1200.
	1 Pilot Mill	$1500.
	h. Materials & Supplies	$6500.

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 1820 X

Date received 7-9-51

Participation

Lloyd P Lounsbury
Box 967
Fairbanks Alaska

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application June 28 1951

Estimated cost 38,000

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Fairbanks Alaska
Steel Creek - First Chance Creek

Date of filing MF-100

DMA Docket Number, if available 1820X

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.

DEPARTMENT OF THE INTERIOR

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners. None

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. See attached sheet

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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.

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16—64067-1

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(Name of company) By Floyd P. Lounsbury (Signature of authorized official)

June 28 1951 (Date) Owner (Title)

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

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

Lloyd P. Lounsbury
Fairbanks Alaska

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U.S.G.S. Bull. 849 B. Lode Deposits of the Fairbanks Dist. J. M. Hill, 1933.

U.S.G.S. Bull. 642, Min. Resources of Alaska. A. H. Brooks and others, 1916.

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19. There appears to be several veins on the property but no work has been done to determine this. The area is highly mineralized from the granite nearby.

20. I propose to rent a bulldozer, crosscut and strip the known vein to get an estimated tonnage and value. Also I will crosscut the area with the bulldozer looking for other veins and try to determine what ore if any is along the actual granite contact. There appears to be limestone on the N. E. end of the claims . After opening up the property I will sink test shafts on the better ore shoots. If possible, the deposit should be core drilled. Due to the long cold winter here, I would estimate the time required to complete the work at 18 months from July 1, 1951.

22. This area contacts along mass of granite. The ore showing is a mineralized shist and metamorphosed basic intrusive rock 3 to 4 feet wide and contains 1 to 2 percent sheelite.
This property is mentioned in the U.S.G.S. bulletin 662 by Mertie and by W. C. Overstreet in Tungsten Deposits of the First Chance - Steele Creek Srea.

23.	a. labor - 1 miner	$ 6000.
	b. valus my time 18 months	12000.
	c. None	
	d. One small tool building.	1000.
	e. Hoisting outfit.	2000.
	f. Bulldozer rental	7500.
	Air compressor and drill rental	2000.
	g. Truck for transportation of personnell and supplies	1200.
	h. 1 pilot mill	1500.
	h. Material and supplies	6500.