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

Memorandum to Reports and Records Branch from Paul E. Pesonen, October 22, 1951, withdrawing this loan due to no reply in a 60 day period. For further information see letter of above date in DMA docket 1143, Chester Crain.

340
FILE COPY
SURNAME:

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

Pesonen

AUG 22 1951

a.e.e

Mr. William Schierding

Yellow Pine, Idaho

Subject: DMA-1202X - Application for exploration loan of $15,000 for tin and nickel.

My dear Mr. Schierding:

On May 29, 1951, the Chief of the Nickel Ores Branch wrote you regarding the subject application, requesting analyses of samples from the deposit you propose to explore.

As no further action can be taken on your application until we have these analyses, if no reply is received from you regarding this matter within 60 days, we will assume that you are not now interested in such a loan, and we will record your application as withdrawn.

This action will not, however, preclude you from submitting at a later date an application for a loan or for any other type of assistance that may be available under the provisions of the Defense Production Act.

Sincerely yours,

Tom Lyon BJ 8/22

Tom Lyon, Director
Supply Division

md

Copy to: Acting Administrator
Mr. Lyon
DMA Field Team, Region II
Reports & Records
Mr. Pesonen
Docket

Repts & Records

Field Team's copy has been placed in envelope containing copy of P.C. Robinson's letter to Field Team - Rome region

AUG 22 1951

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Tom Lyon

Tom Lyon, Director
Supply Division

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Copy to: Acting Administrator
Mr. Lyon
DMA Field Team, Region II
Reports & Records
Mr. Pesonen
Docket

FILE COPY
SURNAME:

Pardee

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

June 13, 1951

Mr. William Schierding

Yellow Pine, Idaho

My dear Mr. Schierding:

Your letter of June 5 has been received, and may I again repeat what I wrote to you before, that the Federal Government cannot grant a loan even for exploration purposes unless there is some definite indication that strategic minerals are present.

The spectographic analysis which you sent showed practically no nickel or tin values and unless there is more definite evidence shown that these metals are present, I doubt that it would be worth your while to apply for a loan.

If, after the snows leave the roads, you are able to get some samples that show definite indications of commercial amounts of tin and nickel we would be pleased to hear from you further.

Very truly yours,

Franklin G. Pardee, Chief
Nickel Ores Branch

FGPardee:md

Copy to: Adm. reading file
Mr. Strobel
Mr. Lyon
Mr. Pardee
Files

Mr. Pardee

Wm. Schierding,
Yellow Pine, Idaho.

June 5, 1951.

Defense Minerals Administration,
Washington D. C.
Mr. Franklin G. Pardee, Chief
Nickel Ores Branch.

Subject:
DMA-1202X Application
for exploration loan.

Dear Sir:--

Replying to your letter of May 29, 1951.

The road to this property will not be ffee of snow for another two to three weeks, in consequence I cannot sample the outcrop until than.

This mineral deposit lays on a mountain slope of about 34 deg. from the horizontal. The outcrop is exposed in only three places, the rest is covered with surface detritus, probably 10 to 20 feet in depth. Samples taken from these three exposures will not be a representative sample of the deposit. For this reason I suggested stripping the surface with a doozer as the first part in the exploration.

You say:"The spectrographic analysis can hardly be used as a basis for the development of the property."

I did not apply for a development loan. My application is for an exploration loan.

I also know that the tin and nickel shown in the spetrographic analysis is not of commercial value. If commercial values are a requirement before an exploration loan is considered then you may as well discard my application. Had I commercial tin or nickel I ore would not need help from any source.

I will be pleased to be informed in the event my application is discarted.

Very truly yours

Wm Schierding

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 12 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

Pardee.

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

May 29, 1951

Mr. William Schierding

Yellow Pine, Idaho

Subject: DMA-1202X - Application for exploration loan of $15,000 for tin and nickel.

Dear Sir:

We have your application for a loan of $15,000 to explore a tin and nickel deposit at Yellow Pine, Idaho.

We probably will have some further questions to ask you regarding the deposit, but our first request is for the analysis of several samples that show some indications of commercial amounts of tin or nickel. The samples should be taken carefully to represent the deposit and analyzed by the usual methods. The spectographic analysis which you show in your application is interesting, but can hardly be used as a basis for the development of the property.

We wish also to call to your attention that the tin and nickel shown by the spectographic analysis are not present in commercial amounts.

Very truly yours,

Franklin G. Pardee, Chief
Nickel Ores Branch

FGPardee:md

Copy to: Adm. reading file
Mr. Lyon
Mr. Strobel
Mr. Pardee
Mr. Hamilton
Files

FILE COPY
SURNAME:

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

May 24, 1951

Mr. William Schierding
Yellow Pine
Idaho

Subject: DMA-1202X
Re: Exploration Loan
Tuscumbia Group

My dear Mr. Schierding:

Receipt is acknowledged of your application and attachments of May 14, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA- 1202X and was referred to Mr. Franklin Pardee, Chief, Nickel Branch on May 21, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1202X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:mab
cc: Strobel-2
Fields
Pardee
Lyon

Dma-1202X

copy to Hanger 5/21

WM. SCHIERDING
DIAMOND DRILLING CONTRACTOR
YELLOW PINE • IDAHO

May 14, 1951.

The Defense Minerals Administration,
Department of the Interior
Washington 25, D.C.

Gehlemen:--

Enclosed are four copies of an application for aid in exploration for tin and nickel, under the Defense Production Act of 1950.

It is presumed that the applicant will be duly notified upon acceptance or rejection of the application.

Very truly yours

Wm Schierding

April 25, 1951

Mr. William Schierding

Yellow Pine, Idaho

Dear Sir:

In compliance with the request contained in your letter of April 17:

Inclosed you will find copy of press release dated April 11, 1951, covering regulations of the government's mineral exploration program, to which are attached copies of forms MO-5, MF-103 and MF-200.

If we can be of further assistance, please call upon us.

Very truly yours,

Franklin G. Pardee, Chief
Iron Ores Branch

Inclosure.

md

Copy to: Administrator's reading file
Mr. Strobel
Mr. Lyon
Mr. Pardee
Files

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-1202X

Date received 5/18/51

Participation

William Schierding,
Yellow Pine, Idaho.

Name and address of applicant

Date May 14, 1951.

FILL IN THIS BLOCK

Date of application May 14, 1951.

Estimated cost $15,000.00

Mineral or metal Tin and Nickel

Percentage of Government participation 90%

Location of mine in Yellow Pine Mining District, Valley County, State of Idaho.

Date of filing MF-100 none

DMA Docket Number, if available DMA-1202X

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? an 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 answer in exhibit A

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no claims, liens or encumbrances

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 exhibit A

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 exhibit A

*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 ---------- (Signature of authorized official)

---------- (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

William Schierding,

Yellow Pine, Idaho.

Exhibit A.

Answer to question 4:

(a) The applicant had over 40 years of practical experience as prospector, miner, lessee, contractor and in later years as diamond drilling contractor. In 1906 he toke a course in metal mining with I.C.S. and later was connected with mine development in various capacities from foreman to manager, also corporation secretary and director. (b) I am fully competent to manage the project.

Answer to question 8:

Financial Statement of myself, as of May 1, 1951.

Assets			Liabilities
Cash -		$ 825.00	none
111 acres of timber and mineral land in the Metaline Mining District in Washington, valued by me at	$25,000.00		
Real Estate in Idaho	4,000.00		
Diamond Drilling Equipment	6,500.00		
Drill Bits and Industrial Diamonds	2,175.00		none
	$ 38,500.00		none
Anticipated receipts from timber sales during the 1951 season, approx.		1.600.00	

I had no contract drilling during the last two years, so I cannot furnish profit and loss statement.

Answer to question 9:

I could invest 10% in cash of the cost of the project, but due to age coming on, it will not be a wise policy to do, I prefer to furnish diamond drilling equipment, etc. on a rental basis, also drilling bits and diamonds and manage the project and do other work to cover 10% of the project.

William Schierding,
Yellow Pine, Idaho.

Exhibit B.

Description of property on which exploration project is sought.

The property was discovered and located be me in August, 1945, consist of three lode mining claims, named Tuscumbia No. 1, 2, and 3, known as the Tuscumbia group. It is located in Yellow Pine Mining District, in Valley county, Idaho, at an elevation of 8000 feet. Since location, I built a temporary road of 1½ miles from a good forest road to the property. Development consist of a short tunnel (20 ft.) and several open cuts.

The country rock is Quartz Monzonite and granodiorite and the mineralization is in an Igneous- Magmatic deposit and extend over an area of 300 feet or more in width and about 1000 ft. or more in length, and is associated with several intrusive dykes in and near the deposit. It will be an open pit mining operation.

A radum picked sample of ore from one of the outcrops show by Spectrographic Qualitative Analysis to following minerals present:

Silico - - - -	10.0%	Iron - - - - -	1.0% to 10.0%
Aluminum - - -	1.0% to 10.0%	Potasium - - - -	1.0% to 10.0%
Sodium - - - -	1.0%	Lead - - - - - -	1.0%
Zinc - - - - -	1.0%	Tin - - - - - -	0.1% to 1.0%
Titanium - - -	0.1% to 1.0%	Manganese- - - -	0.1% to 1.0%
Calcium - - - -	0.1%	Barium - - - - -	0.1%
Magnesium - - -	0.1%	Copper - - - - -	0.1%
Strontium - -	0.001% to 0.01%	Silver - - - - -	0.001% to 0.01%
Gallium - - -	0.001%	Molybdenum - - -	0.001%
Vanadium - - -	o.ool%	Nickel - - - - -	0.001%
Chromium - - -	0.001%		

I beleive Tin is the most valuable of the minerals and by systematic exploration some areas of the deposit may develop into Tin ore worth mining.

The property has good mill and camp sites, water and timber and offers an excelent opportunity to develop a small Hydro-Electric plant at little cost.

Under an exploration project I would recomend expenditures and operations as follows:

Expend $1500. or less for two log-campbuildings, $3500. or less for ~~stripping~~ surface stripping with doozer and the balance or less on Diamond core drilling. In order to get more footage and more core I recomend E.X. size hole, in this size hole, we can get 100% core with my new core barrel which I have developed and is now in proces of patenting, regardless of the condition of the rock structure. I can furnish all camp equipment, tools, diamond drilling equipment, bits and diamonds. Due to climatic conditions in this district the best time for this kind of exploration is from June 15 to Oct. 15. The project can be funished in two seasons.

Respectfully submitted
William Schierding.

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-1202X

Date received 5/18/51

Participation

William Schierding,
Yellow Pine, Idaho.

Name and address of applicant

Date May 14, 1951.

FILL IN THIS BLOCK

Date of application May 14, 1951.

Estimated cost $15,000.00

Mineral or metal Tin and Nickel

Percentage of Government participation 90%

Location of mine in Yellow Pine Mining District, Valley County, State of Idaho.

Date of filing MF-100 none.

DMA Docket Number, if available Dma-1202X

INSTRUCTIONS

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THE APPLICANT

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16—64067-1

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---------- (Name of company)

By ---------- (Signature of authorized official)

---------- (Date)

---------- (Title)

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*Same as footnote on page 1.

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

William Schierding,

Yellow Pine, Idaho.

Exhibit A.

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William Schierding,
Yellow Pine, Idaho.

Exhibit B.

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Sodium - - - -	1.0%	Lead - - - - - -	1.0%
Zinc - - - - -	1.0%	Tin - - - - - -	0.1% to 1.0%
Titanium - - -	0.1% to 1.0%	Manganese- - - -	0.1% to 1.0%
Calcium - - - -	0.1%	Barium - - - - -	0.1%
Magnesium - - -	0.1%	Copper - - - - -	0.1%
Strontium - -	0.001% to 0.01%	Silver - - - - -	0.001% to 0.01%
Gallium - - -	0.001%	Molybdenum - - -	0.001%
Vanadium - - -	0.001%	Nickel - - - - -	0.001%
Chromium - - -	0.001%		

I beleive Tin is the most valuable of the minerals and by systematic exploration some areas of the deposit may develop into Tin ore worth mining.

The property has good mill and camp sites, water and timber and offers an excelent opportunity to develop a small Hydro-Electric plant at little cost.

Under an exploration project I would recomend expenditures and operations as follows:

Expend $1500. or less for two log-campbuildings, $3500. or less for ~~stripping~~ surface stripping with doozer and the balance or less on Diamond core drilling. In order to get more footage and more core I recomend E.X. size hole, in this size hole, we can get 100% core with my new core barrel which I have developed and is now in proces of patenting, regardless of theconditionof the rock structure. I can furnish all camp equipment, tools, diamond drilling equipment, bits and diamonds. Due to climatic conditions in this district the best time for this kind of exploration is from June 15 to Oct. 15. The project can be funished in two seasons.

Respectfully submitted
William Schierding.

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-1202X

Date received 5/18/51

Participation

William Schierding,
Yellow Pine, Idaho.

Name and address of applicant

Date May 14, 1951.

FILL IN THIS BLOCK

Date of application May 14, 1951.

Estimated cost $15,000.00

Mineral or metal Tin and Nickel

Percentage of Government participation 90%

Location of mine in Yellow Pine Mining District, Calley County, State of Idaho.

Date of filing MF-100 none

DMA Docket Number, if available DMA-1202X

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? an 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 answer in exhibit A

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no claims, liens or encumbrances

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 exhibit A

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 exhibit A.

*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 ---------- (Signature of authorized official)

---------- (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

William Schierding,

Yellow Pine, Idaho.

Exhibit A.

Answer to question 4:

(a) The applicant had over 40 years of practical experience as prospector, miner, lessee, contractor and in later years as diamond drilling contractor. In 1906 he toke a course in metal mining with I.C.S. and later was connected with mine development in various capacities from foreman to manager, also corporation secretary and director. (b) I am fully competent to manage the project.

Answer to question 8:

Financial Statement of myself, as of May 1, 1951.

Assets		Liabilities
Cash -	$ 825.00	none
111 acres of timber and mineral land in the heart of the Metaline Mining District in Washington, valued by me	$25,000.00	
Real Estate in Idaho	4,000.00	
Diamond Drilling Equipment	6,500.00	
Drill bits and Industrial Diamonds	2,175.00	
	$ 38,500.00	none
Anticipated receipts from timber sales during the 1951 season, approx.	1,600.00	

I had no contract drilling during the last two years, so I cannot furnish profit and loss statement.

Answer to question 9:

I could invest 10% in cash of the cost of the project, but due to age coming on, it will not be a wise policy to do, ~~M~~, I prefer to furnish diamond drilling equipment etc. on a rental basis, also drilling bits and diamond and manage the project and do other work to cover 10% of the project.

William Schierding,

Yellow Pine, Idaho.

Exhibit B.

Descripthon of property on which exploration project is sought.

The property was discovered and located by me in August, 1945, consist of three lode mining claims, named Tuscumbis No.1 , 2, and 3, know as the Tuscumbia group. It is located in Yellow Pine Mining District, in Valley county, Idaho, at an elevation of 6000 feet. Since location, I built a temporary road of 1½ miles from a good forest road to the property. Development consist of a short tunnel (20) feet, and several open cuts.

The country rock is Quartz Monsonite and Granodiorite and the mineralization is in an Igneous-Magmatic deposit and extend over an area of 300 ft. or more in width and about 1000 ft. or more in length, and is associated with several intrusive dykes in and near the deposit. It will be an open pit mining operation.

A random picked sample of ore from one of the outcrops show by Spectrographic Qualitative Analysis the following minerals present:

Silicon - - - -	10.0%	Iron - - - -	1.0% to 10.0%
Aluminum - -	1.0% to 10.0%	Potasium - - -	1.0% to 10.0%
Sodium - - - -	1.0%	Lead - - - -	1.0%
Zinc - - - - -	1.0%	Tin - - - - - -	0.1% to 1.0%
Titanium - - -	0.1% to 1.0%	Manganese - - -	0.1% to 1.0%
Calcium - - -	0.1%	Barium - - - -	0.1%
Magnesium - -	0.1%	Copper - - - -	0.1%
Strontium - -	0.001% to 0.01%	Silver - - - -	0.001% to 0.01%
Gallium - - -	0.001%	Molybdenum - -	0.001%
Vanadium - - -	0.001%	Nickel ------	0.001%
Chromium - - -	0.001%		

I believe Tin is the most valuable of the minerals, and systematic exploration may develop areas of the deposit which may be well worth mining for Tin.

The property has good mill and camp sites, water and timber and offers an excelent opportunity to develop a small Hydro-Electric plant at little cost.

Under an exploration project I would recomend expenditures and operations as follows:

Expend $1,500 or less for two log-camp-buildings, $3,500 or less for stripping with doozer and the balance or less on ~~EXX~~ Diamond core drilling. In order to get more footage and more core I recomend E.X. size hole, in this size hole, my new core barrel, which I have developed and is now in proces of patenting, we can get 100% core, regardless of the rock structure.
I can furnish all camp equipment, tools, diamond drilling equipment, bits and diamonds. Due to climatic conditions in this district, the time for the exploration is from June 15 to Oct. 15. The project can be finished in two seasons.

Respectfully submitted
William Schierding.

William Schie[illegible]ing,
Yellow Pine, Idaho.

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The Defense Minerals Administration,

Department of the Interior,

Washington 25, D.C.

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-1202X

Date received 5/19/51

Participation

William Schierding,
Yellow Pine, Idaho.

Name and address of applicant

Date May 14, 1951.

FILL IN THIS BLOCK

Date of application May 14, 1951.

Estimated cost $15,000.00

Mineral or metal Tin and Nickel

Percentage of Government participation 90%

Location of mine in Yellow Pine Mining District, Valley County, State of Idaho.

Date of filing MF-100 none

DMA Docket Number, if available Dma-1202X

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.

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*1. Is applicant an individual, partnership, or corporation? an 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 answer in exhibit A

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

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. no claims, liens or encumbrances

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 exhibit A

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 exhibit A.

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16—64067-1

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(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

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*Same as footnote on page 1.

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

William Schierding,

Yellow Pine, Idaho.

Exhibit A.

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William Schierding,

Yellow Pine, Idaho.

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Zinc - - - - -	1.0%	Tin - - - - - -	0.1% to 1.0%
Titanium - - -	0.1% to 1.0%	Manganese - - -	0.1% to 1.0%
Calcium - - -	0.1%	Barium - - - -	0.1%
Magnesium - -	0.1%	Copper - - - -	0.1%
Strontium - -	0.001% to 0.01%	Silver - - - -	0.001% to 0.01%
Gallium - - -	0.001%	Molybdenum - -	0.001%
Vanadium - - -	0.001%	Nickel - - - -	0.001%
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Respectfully submitted
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