DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1599 X

To: Reports and Records Branch

From: **Copper Branch, Supply Division**

Date: **August 22, 1951**

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

Forwarded to **DMA Field Team II (through Coordinating Committee for signature)**

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1599X

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

_____

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:	Copper Branch	Date	6/9/51
To:	Lyon, Supply Division	Date	10/17/51
To:	Reports and Records	Date	OCT 22 1951
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

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DMA Docket No. 1599X

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This document has been recorded as

_____

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:	Mr. Gowen	Date	June 9, 1951
To:	Reports and Records	Date	August 22, 1951
To:		Date	
To:		Date	
To:		Date	
To:		Date	
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To:		Date	

DO NOT DETACH

CONTROLLED DOCUMENT

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

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

OCT 22 1951

Memorandum

To: Administrative Management Division

From: Director, Supply Division

Subject: Application for exploration aid of Mr. R. Williams, Box 1611 Yakima, Washington, DMA 1599X, Commodity-Copper

Denial of this application is recommended by Field Team II for the following reasons.

1. The applicant's proposal to drive an adit of 75 feet or more would be exploration without a target of commercial ore.
2. The small size of the ore pods and gossan exposed along Camp Creek indicate that it is unlikely that a sizeable orebody would be found in this locality.
3. The lack of an access road as well as buildings and facilities are disadvantages in considering a small exploration loan.

A letter has been prepared notifying the applicant of this denial.

Transmitted herewith for your disposal is the complete file consisting of the following:

3 Forms MF-103 with answer sheets attached
2 DMA Review of Application for Exploration Assistance
1 Claim Map
1 Field Team report of Oct. 8, 1951
2 Form letters from Lyon to A. E. Weissenborn, Aug. 17, 1951
1 DMA Status Change Notice
2 Assay sheets of Sept. 4, 1940 and Sept. 1, 1949 with an additional copy each
1 Carbon letter Lyon to Mr. Williams, Aug. 27, 1951
1 Original and 3 carbon letters of M. E. Volin to Lyon dated Oct. 10, 1951
1 Original letter of Mr. K iilsgaard to Mr. Strobel, May 31, 1951

Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

FILE COPY
SURNAME:

Waugh
Gowen
R Williams
Johnson

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

OCT 22 1951

Memorandum

To: Administrative Management Division

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Subject: Application for exploration aid of Mr. R. Williams, Box 1611 Yakima, Washington, DMA 1599X, Commodity-Copper

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3. The lack of an access road as well as buildings and facilities are disadvantages in considering a small exploration loan.

A letter has been prepared notifying the applicant of this denial.

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3 Forms MF-103 with answer sheets attached
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1 Original and 3 carbon letters of M. E. Volin to Lyon dated Oct. 10, 1951
1 Original letter of Mr. K iilsgaard to Mr. Strobel, May 31, 1951

Tom Lyon

Tom Lyon, Director
Supply Division

not stripped in
R v R.

Attachment

Copy to: Administrator's Reading File
Field Team, Region II
Mr. Gowen
Mr. Johnson 3619
Mr. MacLaren
Files-DMA Docket

RVWaugh:pk
10/17/51

G. E. C.

FILE COPY
SURNAME:

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

A. E. C.

OCT 22 1951

Mr. Riley Williams
Box 1611
Yakima, Washington

Re: DMA Docket 1599X

Dear Mr. Williams:

Your application for exploration aid has been reviewed by the Defense Minerals Administration and we are sorry to inform you that it must be denied.

On the basis of the material submitted with your application and material available to the Government it is felt that the geological possibilities are not such as to justify Government participation in an exploration project at this time.

Very truly yours,
Tom Lyon

Tom Lyon, Director
Supply Division

RVWaugh:pk
10/17/51
Copy to: Administrator's Reading File
Executive Officer, Region II
J. B. Gowen
C. H. Johnson 3619
D. MacLaren
Files-DMA Docket

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D.C.

OCT 15 8 48 AM '51

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

October 10, 1951

Memorandum

To: Tom Lyon, Chairman Coordinating Committee

From: DMA Field Team, Region II

Subject: Riley-Williams Copper property, Kittitas County, Washington
DMA Docket 1599X

Enclosed is the original docket material on DMA Docket 1599X forwarded to this office, and four copies of a memo by C. H. Broedel, Geologist, U.S.G.S. concerning the subject property.

Mr. Broedel recommends that the exploration application be denied as the occurrence of ore is limited to small pods within lenticular shear zones, and no feasible objective would be gained by the proposed exploration program.

The Field Team concurs with Mr. Broedel's report and recommends that the application be denied.

By Field Team, Region II

M. E. Volin, Act. Exec. Officer
(U. S. Bureau of Mines)

Thor H. Kiilsgaard
For: A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

Enclosures

cc: U.S.B.M.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D.C.
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
[illegible]
[illegible]

[illegible] er 20, 1951

Memorandum

To: [illegible]

From: [illegible]

[illegible] County, [illegible]

[illegible] property.

[illegible] recommends that the exploration application be [illegible] [illegible] limited to small [illegible] acres, and [illegible] would [illegible] by the proposed exploration [illegible].

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 15 8 48 AM '51

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 15 8 48 AM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 15 8 48 AM '51

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

October 8, 1951

Memorandum

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

From: C. H. Broedel, Geologist, U.S. Geological Survey

Subject: Report on Riley Williams' property in sec. 29, T. 23 N., R. 15 E., Willamette Meridian, Kittitas Co., Washington. DMA Docket-1599X
The property is owned by Mr. Riley Williams and Mrs. Ora Williams of Yakima, Washington.

RECOMMENDATIONS

The DMA examiner recommends that Mr. Williams' application for exploration assistance be denied as the occurrence of ore is limited to small pods within lenticular shear zones in serpentine and no feasible objective would be gained by the proposed exploration program.

SUMMARY OF FIELD INVESTIGATIONS

The examiner was directed to the property by Mr. Riley Williams.

The property is located in the Wenatchee Mountains along the north side of Camp Creek 4½ miles northeast of Salmon Lasac Ranger Station. The applicant owns two claims, the patented Iias Lode south of the crest of Huckleberry Mountain and the Iias Extension Lode adjoining it on the south. This application concerns the workings on the Iias Extension Lode along Camp Creek. These workings are reached by a trail along Camp Creek from a point one-half mile east of the road to Fish Lake via the Cle Elum River. This trail is accessible by 24 miles of improved road from Highway No. 10 at Cle Elum. The applicant states that he has bulldozed one-fourth of a mile of this trail and that this distance is accessible by car.

The property lies within a belt of peridotite and serpentine which trends east-west through Hawkins and Huckleberry Mountains. The peridotite has been largely altered to serpentine. The Hawkins formation composed of diabasic lavas, tuffs, and

breccias occupies the crest of Huckleberry Mountain.

The upper workings at an elevation of about 5,500 feet are not accessible by trail and were not examined as they do not concern this application. The adits have been driven on two parallel quartz veins which follow the general strike of the ultra-basic rocks.

The lower workings along Camp Creek at an elevation of about 4,000 feet and 1 mile east of the Cle Elum River consist of an adit and a cut about 600 feet west of the adit. Both lie within 40 feet of the creek. The adit, which is inaccessible, has been driven below an iron-stained gossan 50 feet in length. The gossan overlies a lenticular shear zone in serpentine with a maximum width of 6 feet. A number of small isolated pods of sulfides occur within this zone. The sulfides are pyrrhotite, chalcopyrite, and magnetite in order of abundance. The cut opened this year by the applicant has been started on an iron-stained gossan about 40 feet in length and with a maximum width of 6 feet. This gossan also overlies a lenticular shear zone in serpentine containing small pods of ore. The face of the cut which is 20 feet long exposes a lens of good ore two feet in width composed of chalcopyrite and pyrrhotite, but this lens does not continue to the surface. Other pods in the shear zone are composed of pyrrhotite and magnetite with minor chalcopyrite. The strike of the shear zone is N. 60° W. and the dip is 55° S.W.

APPLICANT'S PROPOSAL

In his original application Mr. Williams proposed to reopen the No. 4 adit on the Iias Lode claim and to extend the adit 75 feet. Considering the high elevation and inaccessibility of this adit, he has abandoned this proposal in favor of exploration on the Iias Extension Lode. The applicant proposes to extend the cut on the Iias Extension Lode for 75 feet in a northerly direction to explore peridotite and serpentine exposed in part along the north slope of the valley along Camp Creek. He claims that a zone 80 feet wide immediately north of the cut is mineralized with copper and that the iron-stained peridotite horizons are gossan. The DMA examiner found no evidence of copper ore along this slope and that he so-called gossan is the result of alteration of the ferro-magnesium minerals of the more resistant peridotite.

The examiner believes that the applicant's proposal to drive an adit of 75 or more feet would be exploration without a target of commercial ore. The small size of the ore pods and gossan exposed along Camp Creek indicate that it is unlikely that a sizeable ore body would be found in this locality. The lack of an access road as well as buildings or facilities are disadvantages in considering a small exploration loan.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

OCT 15 8 48 AM '51

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1599 K

Commodity Copper

Total Amount $4750

Govt. Participation $2375

1. Name and Address of Applicant Riley Williams
Yakima Washington Box 1611

2. Location of Property Kittitas County, Washington

3. Mineral or metal Copper Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes Owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? –

b) MF-202 –

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower YES

b) Equipment and supplies DOES NOT MENTION EQUIPMENT
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* No

d) Water (question 13)* YES

e) Power (question 13)* ~~Yes~~ not mentioned

Is a field check needed on any of these points? YES - BUILDING OF ACCESS ROAD & POWER
Also check on equipment requirements

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* YES

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? YES

If not, are there sufficient data given so that you can describe the project? – If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? NOT ALL

If not, what part of it is? All but [illegible] –

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? No Cost to drill Tunnel HIGH

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES-MORE DETAILED COSTS

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g not applicable

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? YES see 10 g. Also (f)

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? YES

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable?

e) Is a field check needed? YES - [illegible] to work

EXHIBIT A

Applicant proposes to reopen the No 4 tunnel on the I in Lode claims and to extend this tunnel from the present face for 75 ft. in the present direction.

REHABILITATE 40' OF TUNNEL @ 15/FT.	$600.00
TUNNEL @ $35/FT	2250.00
CONSTRUCTION OF ROAD 1000 FT.	1000.00
RENTAL OF AIR COMPRESSOR @ $200/Mo	400.00
MINING EQUIPMENT	500.00
TOTAL	$4750.00

EXHIBIT C

1. MINING EQUIPMENT	$500.00
1 COMPRESSOR @ $200/Mo	400.00
	$900.00

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? –

c) Reasonable? –

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? YES

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Separate forms needed for access road building.

Please note anything else which may assist in processing application.

Reviewed by: R Waugh.
O.H. Waechter
C. Polmer
R. Lawson

Date 8/22/5

97692

Re 10(b) The patent survey shows location of Tunnel #4, which is the one to be extended. I think this is an adequate sketch.

10(c) If the road building is limited to such work as is necessary to get equip. and supplies to portal, it is regarded as exploration, isn't it?

10(e) I believe $35 a foot is not too much high, but this can hardly be answered until more info. is available, such as number of men to be employed and wages, and something more about nature of the ground — whether timbered or untimbered.

12. He will have to rent more than a compressor, and a check on this is needed.

17. He cannot get access road built, as such, for an exploration project.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1591 X

Commodity Copper

Total Amount 4750

Govt. Participation 2375

1. Name and Address of Applicant Riley Williams
Yakima Washington Box 1611

2. Location of Property Kittitas County, Washington

3. Mineral or metal Copper Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes Owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? –

b) MF-202 –

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Does Not Mention Equipment
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* No

d) Water (question 13)* Yes

e) Power (question 13)* ~~Yes~~ not mentioned

Is a field check needed on any of these points? Yes. Building an access road & Power

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes

If not, are there sufficient data given so that you can describe the project? – If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Not All

If not, what part of it is? all but Road Building

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? No Cost to show Tunnel HIGH

f) Should more information be requested from applicant? YES

g) Is a field examination necessary to complete Exhibit A? YES-MORE DETAILED COSTS

11. Exhibit B (question 23-d)*

a) Is it applicable? No

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? g not applicable

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? YES see 10 g.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable?

e) Is a field check needed? YES [illegible]

EXHIBIT A

Applicant proposes to reopen Adit No 4 tunnel on the Ivan Todd claims and to extend this tunnel from the present face for 75 ft in the present direction

REHABILITATE 40' OF TUNNEL @ 15/FT.	$600.00
TUNNEL @ $35/FT	2250.00
CONSTRUCTION OF ROAD 1000 FT.	1000 00
RENTAL OF AIR COMPRESSOR @ $300/MO	400.00
MINING EQUIPMENT	500 00
TOTAL	$4750 00

EXHIBIT C

1. MINING EQUIPMENT	$500 00
1 COMPRESSOR @ $400/MO	400.00
	$900 00

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? –

c) Reasonable? –

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Approve form needed for access road building

Please note anything else which might assist in processing application.

Reviewed by: R Wenzel
DR Meacham
C Johnson

Date 8/22/51

97692

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

OCT 15 8 48 AM '51

AUG 27 1951

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

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1599X

Commodity Copper

Applicant Mr. Riley Williams

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

T. P. Thayer
For Geological Survey

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

Mr. A. E. Weissenborn
Executive Officer, DMA Field Team II
South 137 Howard Street
Spokane 8, Washington

Dear Sir:

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Docket No. 1599X

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Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

RVWaugh:rw
8-22-51

Mr. Mikey Williams
Box 1611
Yakima, Washington

AUG 2[illegible] 1951

Re: RMA Docket 1999K

Dear Mr. Williams:

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 will hear from Mr. Weissenborn, Executive Officer, RMA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

O'Vaughn:vw
8-22-51

Copy to: Administrator's Reading File
Reports and Records Branch
Executive Officer, RMA Field Team II
Coordinating Committee
Mr. Gowen
Mr. Maclaren
Files - RMA Docket

FILE COPY
SURNAME:

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

Waugh
Johnson
Thayer
Moon

A.E.C.

AUG 27 1951

Mr. Riley Williams
Box 1611
Yakima, Washington

Re: DMA Docket 1599X

Dear Mr. Williams:

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 will hear from Mr. Weissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

JF 8/27

RVWaugh:rw
8-22-51

Copy to: Administrator's Reading File
Reports and Records Branch
Executive Officer, DMA Field Team II
Coordinating Committee
Mr. Gowen
Mr. MacLaren
Files - DMA Docket

AUG 27 1951

Mr. Riley Williams
Box 1611
Yakima, Washington

Re: DMA Docket 15[illegible]

Dear Mr. Williams:

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 will hear from Mr. Reissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

McNaugh:rw
8-22-51

Copy to: Administrator's Reading File
Reports and Records Branch
Executive Officer, DMA Field Team II
Coordinating Committee
Mr. Gowen
Mr. MacLaren
Files - DMA Docket

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

AUG 27 1951

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

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1599X

Commodity Copper

Applicant Mr. Riley Williams

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Chairman
Coordinating Committee

For Bureau of Mines

For Geological Survey

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. Wash 1599X

Date received 6-5-51

Participation

Riley Williams
Yakima, Washington
Box 1611
Phone 32174

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $4750

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Kittitas County, Washington

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
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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.
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    (*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.

By Ruby Williams
(Name of company) (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

1. Individual
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3.
4. (see answer) Experience Superintendent of Development, Elk Creek Basin Mining Company. Vice President and Superintendent of Development, Pacific Metals, Sultan Basin, Snohomish County Washington. Superintendent Development Bennett Chemical and Mining Co. E. H. Bennetts, Tacoma, Washington. Have had 30 years experience in Development and Prospecting.
5. Owned by applicant.
6. No encumbrance
7.
8. Financial 137 acres land, 80 orchard value $35,00. Incumbrance $2200. Cash in Bank $2500. Current Debts $500.
9. Applicant prepared to contribute 50% of total amount as required by exploration contract.
10. Ground to be explored is on the northwestern end of the patented Ilias lode.
11. Blue Bonnett Mine. Former name Yakima Bullion Mining Co.
12. This 25 miles from Ole Blum, 15 miles from Shopping Center at Holland, Washington. Good gravel road up to Camp Creek. Dirt road up Camp Creek about ½ mile.
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17. Copper ore has been produced from this property but records are unavailable.
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21. We propose to reopen the No. 4 tunnel on the Ilias lode claim, and to extend this tunnel from the present face for 75 feet in the present direction. This development should determine whether the present copper-bearing vein in the face of the tunnel warrants mining.
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23. The cost of the program represents the estimated cost of the proposed explorations

1.	Rehabilitate 40 feet of tunnel @ $15 per foot	$ 600
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		$4750

24. Time limit
1st month--rehabilitation of tunnel
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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/1599X

Date received 6-5-51

Participation

Riley Williams
Yakima, Washington
Box 1611
Phone 32174

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary
Date May 31, 1951

Name and address of applicant

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $4750

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Kittitas County, Washington

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
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16—64067-1

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(Name of company)	By Riley Williams (Signature of authorized official)
(Date)	(Title)

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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 1599X

Date received 6-5-51

Participation

Riley Williams
Yakima, Washington
Box 1611
Phone 32174

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

No BM report

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $4750

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Kittitas County, Washington

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

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*1. Is applicant an individual, partnership, or corporation?
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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 15998

Date received 6-5-51

Participation

Riley Williams
Yakima, Washington
Box 1611
Phone 32174

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5-1951
LANDON F. STROBEL
Executive Secretary

No. 97 Pages

Name and address of applicant

Date May 31, 1951

FILL IN THIS BLOCK

Date of application May 31, 1951

Estimated cost $4750

Mineral or metal Copper

Percentage of Government participation 50%

Location of mine Kittitas County, Washington

Date of filing MF-100

DMA Docket Number, if available

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*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 Riley Williams (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

1. Individual
2.
3.
4. (see answer) Experience Superintendent of Development, Elk Creek Basin Mining Company. Vice President and Superintendent of Development, Pacific Metals, Sultan Basin, Snowhomish County Washington. Superintendent Development Bennett Chemical and Mining Co. B. H. Bennetts, Tacoma, Washington. Have had 30 years experience in Development and Prospecting.
5. Owned by applicant.
6. No encumbrance
7.
8. Financial 137 acres land, 40 orchard value $35,00. Incumbrance $2200. Cash in Bank $2500. Current Debts $500.
9. Applicant prepared to contribute 50% of total amount as required by exploration contract.
10. Ground to be explored is on the northwestern end of the patented Iias lode.
11. Blue Bonnett Mine. Former name Yakima Bullion Mining Co.
12. This 23 miles from Cle Elum, 15 miles from Shopping Center at Rolland, Washington. Good gravel road up to Camp Creek. Dirt road up Camp Creek about ½ mile.
13. Water from Camp Creek approx. 8 miners inches of continous flow.
14.
15. By truck to Tacoma for treatment at the AS and R smelter.
16. This property one of the oldest in this district. Being first located in 1882 by Purdy J. Flint of Yakima, Washington, who mined some copper which was packed out to the head of Clellum Lake and then reloaded on wagons and hauled 16 miles by wagon to the railroad at Clellum and then shipped to smelter in Tacoma. The difficulty has always been transportation. There is no property working at this time in this district. This district is one of the more highly mineralized in the N.W. The abestos cropping being a long fiber and I believe suitable for spinning. Our trouble is lack of capital to fully prospect this property. We have good roads to 1½ miles of this property.
17. Copper ore has been produced from this property but records are unavailable.
18.
19.
20. Copper
21. We propose to reopen the No. 4 tunnel on the Iias lode claim, and to extend this tunnel from the present face for 75 feet in the present direction. This development should determine whether the present copper-bearing vein in the face of the tunnel warrants mining.
22. There is a mineralized belt corssing the Iias lade about 80 feet wide. This belt will assay for copper throughout. The no. 4 tunnel follows a stringer of good copper ore, which at the face is 2 feet wide. Sample at the face assays 0.08 ounce gold, 1.50 ounces silver, and 15.6 per cent copper. Other assay data on the stringer herewith show that copper values persist throughout its exposed length. We believe the stringer warrants further exploration and that it has a good chance of opening into a commercial ore body.

23. The cost of the program represents the estimated cost of the proposed explorations

1. Rehabilitate 40 feet of tunnel @ $15 per foot	$ 600
2.. Drive 75 feet of tunnel @ $35 per foot	2250 2625
3. Construct 1,000 feet of road	1000
4. Rental of air compressor @ $200 per month for 2 months	400
Mining equipment	500
	$4750

24. Time limit
1st month--rehabilitation of tunnel
2nd month--drive 75 feet of tunnel, two months to complete contract.

Doc 1599 X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

May 31, 1951

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

Dear Mr. Strobel:

Enclosed herewith are two applications for exploration loans submitted by Mr. Riley Williams of Yakima, Washington.

One application concerns an asbestos prospect in Kittitas County, Washington, and is for an estimated total expense of $21,080 to be let on a 90 percent 10 percent matching sum basis.

The other application concerns a copper prospect on an adjoining claim and is for $4,750 to be entered into on a 50 percent matching sum basis.

Yours very truly,

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

Enclosures

cc: U.S.B.M.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Chemical Analysis
Assaying
Testing, Inspecting
Weighing, Checking
Sampling

LEWIS E. JEKLIN

CHEMIST -:- ASSAYER -:- TESTING
517 Provident Building---MAin 5772

TACOMA ASSAY OFFICE

TACOMA, WASHINGTON

Gold
Silver
Platinum
Buyer -:- Refining
Dental Supplies

BUREAU OF MINERALS ADMINISTRATION WASHINGTON, D. C.
OCT 15 8 48 AM '51

193

File No. Sept. 4,1940

Assay Certificate

COPY of of # 3275-x

For:

Mr. Riley Williams
Sunnyside , Wn.

The sample submitted gave the following results:

Received:

Aug. 3,1937

Gold - oz. per ton	0.08		$ 2.80
Silver " " "	1.50		$ 1.05
Copper	15.6	%	$ 31.20

Gold	at $	35.00	Per oz.
Silver	at $	.70	Per oz.
Copper	at $	.10	Per lb.
Lead	at $		Per lb.
Zinc	at $		Per lb.

by Lewis E. Jeklin

Chemical Analysis
Assaying
Testing, Inspecting
Weighing, Checking
Sampling

LEWIS E. JEKLIN

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517 Provident Building---MAin 5772
TACOMA ASSAY OFFICE

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Copper - - - - - - - -	15.6 %	-	$ 31.20

Gold	at $	35.00	Per oz.
Silver	at $	.70	Per oz.
Copper	at $	.10	Per lb.
Lead	at $		Per lb.
Zinc	at $		Per lb.

by Lewis E. Jeklin

Chemical Analysis
Assaying
Testing
Sampling - - Weighing
Checking
Inspecting
Cement - - Concrete

LEWIS E. JEKLIN

CHEMIST -:- ASSAYER -:- TESTING
517 Provident Building - - MAin 5772

TACOMA ASSAY OFFICE

TACOMA, WASHINGTON

Gold
Silver
Platinum
Buyer -:- Refining
Dental Supplies

Assay Certificate

For: Mr. Riley Williams
Box 1611
Yakima , Wn.

Date Sept. 1,1949

File 11,466-x

The sample submitted for analysis has been tested and shows the following results:

Received: Aug. 29,1949

Copper Sample ;

Gold-Oz per ton - - - - -	0.36 - -	$ 12.60
Silver - - - - - - - - -	1.60 - -	$ 1.45
Copper - - - - - - - - -	18.95 %	$ 47.43

Hand Sample for Gold ;

Gold - oz. per ton - - -	0.10	$ 3.50
Silver - - - - - - - -	0.10	$ .09

Gold	at $	35.00	Per oz.
Silver	at $	.90	Per oz.
Copper	at $	.17	Per lb.
Lead	at $		Per lb.
Zinc	at $		Per lb.

By Lewis E. Jeklin

Chemical Analysis
Assaying
Testing
Sampling - - Weighing
Checking
Inspecting
Cement - - Concrete

LEWIS E. JEKLIN

CHEMIST -:- ASSAYER -:- TESTING
517 Provident Building - - MAin 5772

TACOMA ASSAY OFFICE

TACOMA, WASHINGTON

Gold
Silver
Platinum
Buyer -:- Refining
Dental Supplies

Assay Certificate

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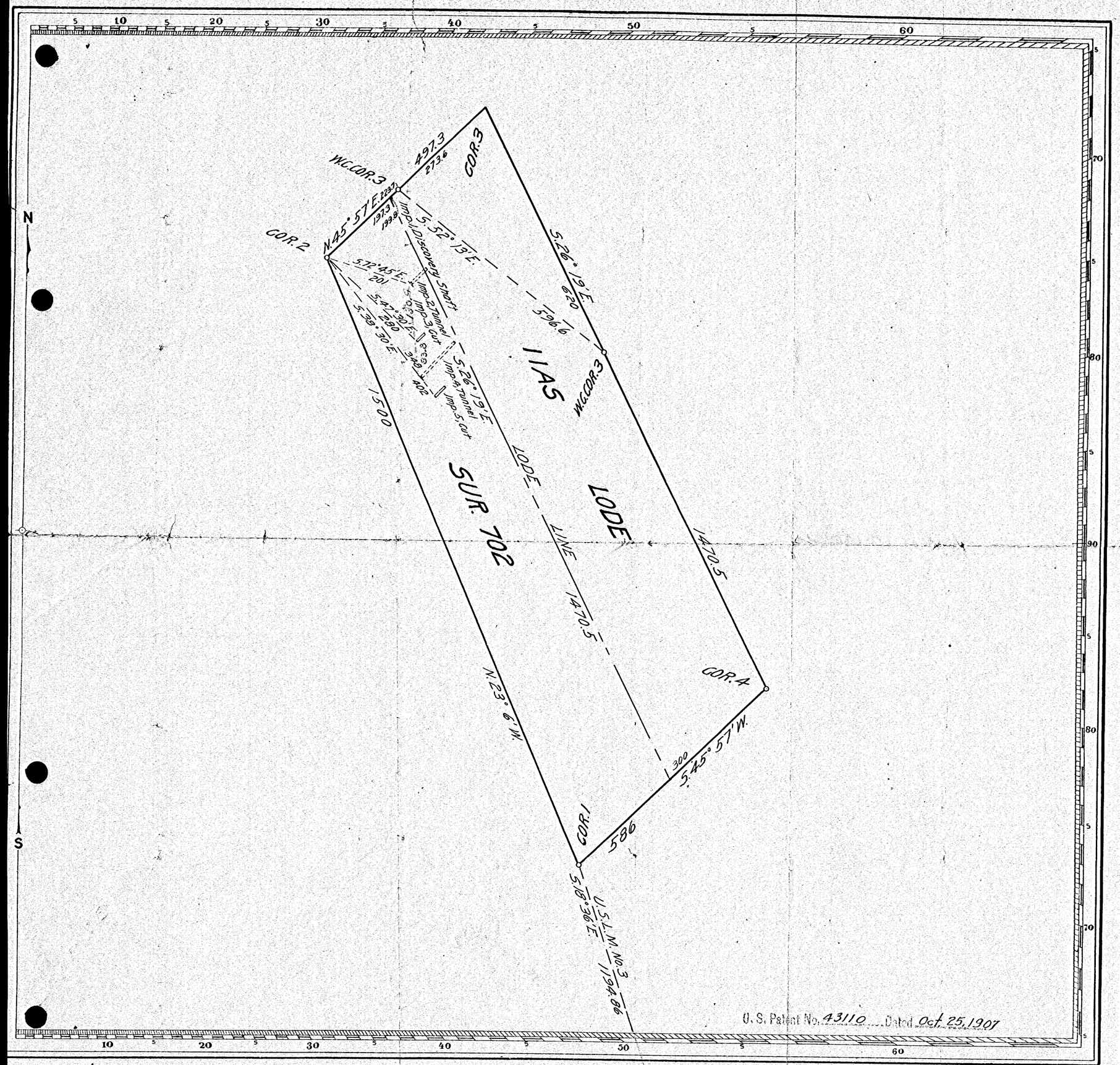
Gold - oz. per ton - - -	0.10	$ 3.50
Silver - - - - - - - -	0.10	$ .09

Gold	at $	35.00	Per oz.
Silver	at $	.90	Per oz.
Copper	at $	.17	Per lb.
Lead	at $		Per lb.
Zinc	at $		Per lb.

By Lewis E. Jeklin

(4-675)



U. S. Patent No. 43110 Dated Oct 25, 1907

Claim located - - - September 20, 1882 — ~~A.D.~~

Mineral Survey No. 702

Waterville L.O.T. No. Land District.

PLAT

OF THE CLAIM OF

P. J. Flint

KNOWN AS THE

Iias Lode

IN — CLE ELUM — MINING DISTRICT,
KITTITAS — COUNTY, — WASHINGTON —
Containing an Area of — 17.417 — Acres.
Scale of 200 Feet to the inch.
Variation 21° 54' E.

SURVEYED — August 21-25, 1903 — BY

Charles G. Wands — U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of P. J. Flint known as the Iias Lode

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant — or his grantors, and that said improvements consist of Imp. 1, Disc. Shaft 5·7·17 $170, Imp. 2, Tunnel 4.5·6.5·51 $310, Imp. 3, Cut 5·18·24 $100, Imp. 4, Tunnel 5.4·6.8·112 $1345, Imp. 5, Cut 10·22·32 $230,

Total value of improvements — — — — — — $2155. — that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office.
Olympia, Washington
February 6, 1904

E. A. Kingsbury
U.S. Surveyor General for Washington.