Mr. S. T. Tyler
P.O. Box 1301
Tulare, California

Re: Docket No. Dis 4863 - Tungsten
S. T. Tyler
Cedar Creek Tungsten Deposit
Discoverer Property
Tulare County, California

Dear Mr. Tyler:

Your request for exploration assistance and other reports concerning your Cedar Creek Tungsten Deposit available to us in Washington have been carefully reviewed.

This information, although noting the occurrence of low-grade tungsten mineralization in several localities on your property, indicates to us that the probability of disclosing mineable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing this property to our attention.

FARutledge:lm
10/3/52

Sincerely yours,

R. O. Millonig
Administrator

cc: Admn. Reading File
Docket
W. W. Cochan, USGS
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
F. A. Rutledge

Administrator, DMMA Oct. 3, 1952

Iron and Ferro-Alloy Division, DMMA

Denial of application for exploration assistance in the amount of $20,000.00.
Docket No. DMA 486X - Tungsten
S. H. Tyler
Cedar Creek Tungsten Deposit
Eisconer Property
Tulare County, California

The denial of the subject application by this Division is based on the following information:

1. The property has been examined four times by members of the field team. Reports of the first, third and fourth examining field teams recommended denial of the application. The second examination was made by a member of the first examining field team and a project recommended without complete justification.

2. The results of all four field team examinations indicate the properity has little merit.

3. Analyses and lamping indicate that the best grade to be expected from all but one of the seven small deposits is 0.5 percent WO_3. This is indicative of the best grade of material present, but the average grade of the scheelite-bearing tactite is probably 0.1 percent WO_3.

   Deposit No. 5 contains the only mineable reserve of tungsten ore on the property. Small areas of this deposit lamp as high as 5.0 percent WO_3, but the average grade of the 130 tons of ore indicated is 1.0 percent WO_3. However, the scheelite-bearing tactite of Deposit No. 5 is cut off at a depth of 5 to 6 feet by granodiorite, which is exposed in the three bulldozer cuts across the deposit.

4. The Commodity Division of the Geological Survey recommends denial of the application.

FARutledge'lm
10/3/52

cc: Admn. Reading File
Docket
G. C. Selfridge
F. A. Rutledge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

IN REPLY REFER TO:

C-MO-CP

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 30, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

To: George C. Selfridge, DMEA

From: A. R. Kinkel, Jr.

Subject: Denial of loan application DMEA 486
Cedar Creek tungsten deposit
Bisconner property
Tulare County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of mineable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and a $20,000.00 project of road building and diamond drilling was recommended in a field team report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who also made a second examination in August, 1952 as the owner reported making a new find.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, was that no exploration was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 130 tons of indicated ore with an estimated grade of 1 percent WO_3, no mineable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

I concur in the denial of the application.

ARKinkel:gt

400

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 29, 1952

Mr. S. B. Tyler
P O Box 1301
Tulare, California

Re: Docket DMA 486X (Tungsten)
S. B. Tyler
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

We acknowledge your letter, dated July 13, and we have now been requested by the Washington Office of the Defense Minerals Exploration Administration to re-examine your property.

As I told you when you called long distance this morning just as I had started dictating this letter to you, Mr. Porter Irwin of the Geological Survey is planning to get in touch with you to make arrangements for re-examining your property on or about August 6.

Sincerely yours,

H. C. Miller

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Interior Building, Washington 25, D. C.
E. H. Bailey, USGS

EXPLORATION

/

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. DMA 486X - Tungsten
S. B. Tyler
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

Reference is made to your letter of July 13, in which you state your reasons for not answering our letter of May 21, 1952, and inquire the reason for the delay by this Agency in passing on your application for exploration assistance.

According to our records the processing of your application has been held up per your request to Mr. Miller (letter dated February 27, 1952) that the Defense Minerals Exploration Administration hold your application open until further work was done on the new discovery that was made after the examination by our Field Team. To date, we have received no data to substantiate this discovery and, as far as we know, none has been submitted to Mr. Miller, Executive Officer, DMEA Field Team, Region III, as Mr. Miller requested in his letter to you of February 28, 1952.

As in any large organization, there is often an honest difference of opinion. In the case of your original exploration program, it was thought in Washington that the size and grade of the several targets did not warrant the proposed expenditures. It was for this reason that we requested a new examination by the Field Team, which was made by Mr. Irwin, for the purpose of obtaining additional information and possibly suggesting a revision to the proposed program of exploration for submission for our consideration.

Since the new discovery apparently would change your plans for the exploration of your property, we have requested Mr. Miller to contact you and facilitate the matter, including another Field Team examination, if necessary.

Please be advised that your application will be given prompt consideration on receipt of whatever information is furnished us by the Field Team.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge:ls
7/16/52

cc: Docket
Admn. Read. File
Field Team, Reg. 3
Operating Committee
F. A. Rutledge
C. C. Selfridge
[illegible] M. Lemmon, USGS
H. [illegible] Geehan, USBM

Exploration

Mr. H. C. Miller
Executive Officer, DMEA Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMA 486X - Tungsten
S. B. Tyler
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Miller:

Reference is made to the subject docket. Though Mr. Tyler has not submitted any additional information, we are requesting that you contact Mr. Tyler and, if found desirable, make a re-examination of the property.

If the Field Team recommends an exploration program for our consideration, which should include costs, etc., please see that it is accompanied by the necessary executed "Consent to Lien" forms.

We would appreciate early action on this docket in order to close it.

Sincerely yours,

George C. Selfridge

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

FARutledge:ls 7/16/52

cc: Docket
Admn. Reading File
F. A. Rutledge
G. C. Selfridge
Field Team, Reg. 3
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

C
O
P
Y

TULARE ELKS LODGE NO. 1424
124½ East Kern Street
Tulare, California

July 13th, 1952

Mr. C. O. Mittendorf
Acting Administrator
D. M. E. A.
Washington 25, D. C.

Re: Docket No. 486X - Tungsten
Ceder Creek Deposit

Dear Mr. Mittendorf:

There are two reasons why I have not answered your letter of May 21st. The first is, during the latter part of May I hired a bulldozer and sent it in on the Ceder Creek property to do some exploration work so I could hold my lease. I spent almost $1,000.00 and uncovered 2 very good showings. However I did not have enough money to complete the necessary work. Now I am faced with the loss of loosing this work, if I can not get help from the Government.

I do not understand what the reason has been for the delay in passing on the application I submitted. Every one that has looked at the property feels it is good enough to explore. It appears to me you people in Washington do not care to help those of us that need help. If I had the money to go ahead and do the necessary exploration work, I would not ask for a cent. True enough, I am not a miner, or a mining engineer, but what I do have is leases on several pieces of property that have very good prospects of having large tungsten deposits, and I am only asking for help to uncover them without giving some large organization all of it for doing the exploration work.

The second reason for the delay was, I have just finished directing the final Olympic Decathlon Tryouts, here in Tulare, and have been rather busy for the last month. However I am now ready to either continue with the exploration work, or turn it over to some one else for development. Will you please let me know by return mail whether or not I can expect help from the Government.

Sincerely,

/s/ S. B. Tyler

S. B. Tyler
P.O. Box 1301
Tulare, California

XYLOVILLE

JUL 7 1952

Mr. [illegible] Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. 4867 - Tungsten
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

To date a reply has not been received to my letter of May 21, 1952, suggesting that you either furnish us with information needed to process the subject application or that you withdraw it and later submit a new application giving current data on any new discovery on which you might wish exploration aid. In case at a future date you would file a new application, I can assure you that it would be expeditiously processed by this Administration.

We wish to cooperate in the matter of allowing you ample time to furnish essential data to support your application but if the information has not been received by August 1, 1952, we will assume you are no longer interested in continuing the application and will then remove it from our active file and consider the matter closed.

Sincerely yours,

[illegible] O. Mitteudorf

Acting Administrator
Defense Minerals Exploration
Administration

LScott
7/3/52

CC: Docket
Admn. Reading File
Field Team, Reg. 3
G. C. Selfridge
R. [illegible]. Geehan, USBM
D. M. Lemmon, USGS

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

(400)

dmr 486

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 30, 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Subject: Docket DMA-466, Cedar Creek Tungsten Deposits, Tulare County, California

Dear Mr. Tyler:

Reference is made to a letter, dated May 21 to you from Mr. C. O. Wittendorf, Acting Administrator, Defense Minerals Exploration Administration. In that letter Mr. Wittendorf suggests that you withdraw your application and submit a new application, based upon new exposures made since you originally applied for a loan.

Correspondence in our files indicates that you have made a new discovery since Mr. B. P. Irwin of the U. S. Geological Survey examined your property. His report on your property, therefore, does not take the new discovery into consideration and another field trip may be desirable.

If you make a new application, kindly send the four copies of it to this office, so that we can determine what additional field work may be necessary before we send the application to Washington.

Very truly yours,

R. C. MILLER

R. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Washington, D. C. - Interior Building (2)
E. H. Bailey, USGS

Mr. G. S. Tyler
P.O. Box 1301
Tulare, California

Re: Docket No. 486X - Tungsten
Cedar Creek Tungsten Deposit
Ricconer Property
Tulare County, California

Dear Mr. Tyler:

Reference is made to your application for an exploration contract under the above docket. It has been noted from Mr. Miller's letter of February 28, 1952, to you that a new discovery has been made. Also that you have requested the Defense Minerals Exploration Administration to hold your application open pending additional work.

The present docket covering your original application of May 14, 1951, and several later revisions contains much conflicting data. We believe it would be to everyone's interest if you withdrew your application by requesting Defense Minerals Exploration Administration to close the present docket. When sufficient prospecting on the new discovery has been completed, a new application can be submitted on new form and reference made to material of interest in the present application.

We hope that you concur with us in the matter of closing this docket and wish to state that a new application will be given prompt consideration.

FARutledge:lm
5/20/52

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III (2)
G. C. Selfridge
F. A. Rutledge

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

147A
file

January 10, 1952

Memorandum

To: Mr. George Selfridge, [illegible]

From: Robert W. Goshen, Bureau of Mines

Subject: Exploration application - [illegible].
E. F. [illegible]
[illegible]
Enlarg, [illegible]

DMA 486-[illegible]
Tungsten

Subject application having been referred to field for consideration and report, according to [illegible] pending Committee Minutes Number 12, I am returning copies of same without comment.

Robert [illegible]

WCatlin:ck

cc: Mr. Goshen
Mr. Katlin
Tungsten NSA
Files

Mr. Selfridge - 3

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

file.

Hon. Clair Engle
House of Representatives
Washington 25, D. C.

JAN 3 - 1952

Re: Docket No. DMA 486 - Dungeten
Tulare County, California

Dear Mr. Engle:

This is in reply to your letter dated December 20, 1951, requesting information as to the status of the above captioned exploration application. As you will recall, we have discussed this case over the telephone both prior and subsequently to receiving the letter of December 20, and I advised you that Mr. Tyler's case was currently under consideration and that we were writing him further in the matter. A copy of our letter to Mr. Tyler is attached for your information.

Although I regret exceedingly the necessity for returning this docket to the field for further geologic consideration, and the inescapable delays which will result, I personally feel that the action thus taken might lead to a more practical plan for the exploration of these deposits, which would benefit both Mr. Tyler and the Government.

I wish to assure you of my personal interest in the case and express my desire to bring it to a definite conclusion as quickly as possible.

Sincerely yours,

C. O. Mittendorf

Acting Administrator,
Defense Minerals Exploration
Administration

COMittendorf/gla
1-3-52
cc to: Adm. Reading File
Mails and Files
Mr. Mittendorf
Mr. Selfridge
Region III (2)
Docket
Mr. Geehan
Mr. Lemmon

177 A

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

JAN 3 - 1952

JAN 3 - 19

Mr. S. L. Tyler
P. O. Box 1201
Tulare, California

Re: Docket No. [illegible] 486 - Tungsten
Tulare County, California

Dear Mr. Tyler:

This is in confirmation of your recent telephone conversation with Mr. George C. Selfridge of this office.

As told you, we had to refer the application back to the field because of conflicting information and the lack of sufficient geological data to substantiate the proposed exploration. Instructions have been given to obtain specific types of information, if possible. This information may suggest some revision of the work as now proposed.

As soon as we hear from the field, we shall complete the processing of your application as rapidly as possible.

Sincerely yours,

[illegible] Mittendorf

Acting Administrator,
Defense Minerals Exploration
Administration.

GCSelfridge/maj
12-29-51
cc to: Adm. Reading File
Mails and Files Br.
Mr. Mittendorf
Mr. Geehan
Mr. Lemmon
Region III (2)
Docket

1 of 7.P file

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

See also supplementary data filed. Oct 16, 1951

Docket No. DMA 486X

Commodity Tungsten

Total Amount

Govt. Participation 75%

1. Name and Address of Applicant S. B. Tyler, P.O. Box 1301 TULARE, California

2. Location of Property Sec 12; T 16 S; R 27 E. M.D.B&M. Secs 3 & 18; T 16 S; R 28 E. M.D.B&M.

3. Mineral or metal Tungsten 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 ✗ Neither the Applicant, nor the Field team has given the data required in question 22

c) None

d) Don't know—needs field examination Yes - and on answers to 22

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 (question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future productive period? No - Lease is for two years from Nov. 1, 1950, and so long thereafter as "the then operating mine or mines may be profitably worked and so long as the terms, etc. of the lease are performed by the lessee" - See clause 16 - requiring certain work in 1951 -

*question numbers are those of MF-103

Lease should go to legal.

Is this part a worth-while exploration project?_____

d) Are the cost estimates detailed? ~~No~~ Yes

Can they be summarized, as on page ~~2 of~~ Procedural Instruction 5-A, Superseded

from the available data?_____ ~~If so, attach a draft.~~

e) Are the cost estimates reasonable? ~~No~~ [illegible]

Yes - on the Oct 16, 1951 supplementary sheet

f) Should more information be requested from applicant? ~~Yes~~ Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? ~~No~~ yes

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? None Required

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? No

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

a) Are there sufficient data? yes

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

c) Is the schedule excessive for the work proposed? yes

d) Are the proposed wages and salaries reasonable? yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? yes

b) Sufficient data? ~~No~~ yes

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Possibly, under very best conditions

(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? Yes - see attached sheet

Reviewed by: J. A. Brewer

Date 12/18-51

Review of Application for Exploration Assistance - DMA 486Y - Re: Item 17

There have been two field examinations made of this property. The field team visited the property on June 14, 1951, and reported on it under date of June 22, 1951, including in this report a copy of a report made, by the same investigator, on July 14 and 15, 1950. The 1950 report is negatively written throughout; states that "until this road (a proposed USFS Access Road) is constructed, this property should not receive further consideration by the Bureau fo Mines", and makes no recommendations whatever as to prospecting or a program of development, although it is stated that "development should be confined to this area" (prospect No. 2).

The report of June, 1951, however, flatly states that, (referring to the July, 1950, report), "the Bureau Engineer recommended exploration by test pitting in his original report" - - - We have carefully read the July, 1950, report and cannot find any such recommendation.

Further, the 1951 report states, in conclusion, "The prospects are of sufficient interest to warrant a loan for the proposed work"---How can the same investigator advise in 1950 to give the property "no further consideration" and a year later recommend a loan?

Similarly in 1950, only "Prospect No. 2" was deemed worthy of development, yet in 1951, several "knolls or hills contain outcrops of milling grade material" and reference is made to Figure 1, which is a map, showing not one "prospect" but six places, numbered 1 to 6 --- and there is no explanation of this sudden enhancement in value.

Attached to the field team report is a supplement to form MF-103, April, 1951, originally filed May 22, 1951, in which question 23 and 24 are revised, as of October 16, 1951. These revisions are satisfactory.

There is no attempt, however, to furnish the data requested in question 22, in either of the two reports of the field team or by the applicant's original or supplementary application. The sketch supplied with the October 16, 1951, supplementary form MF-103 shows no scale; does not reflect the data contained in the July, 1950, report; and does not show any geological information whatever. Furthermore, the report of July, 1950, relates that the area covered by "prospect No. 1" is 150' x 300' (approximately one acre), that "prospect No. 2" is "similar", and although the size of "prospect No. 5" is not specified, it is intimated that of "ten or more tactite areas", "one of these is 250 feet in diameter" --- Hence, it appears that the field team is in favor of a $20,400.00 exploration project on 3 isolated tracts of one-acre each, with no statement whatever as to geological structure, continuity of mineralization, or other possible relation of one area to another.

It is also noted that the June, 1951, report states flatly --- "several hills or knolls contain sheelite-bearing outcrops of milling grade materials", following which is a statement that no prospecting has been done to determine the depth of the deposit, hence it is

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 foot depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951

FILE COPY
SURNAME: 400

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

Rutledge
Selfridge
Geehan
Thayer
Hodges
Johnson

Mr. S. B. Tyler
P.O. Box 1301
Tulare, California

Re: Docket No. DMA 486X - Tungsten
S. B. Tyler
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

Your request for exploration assistance and other reports concerning your Cedar Creek Tungsten Deposit available to us in Washington have been carefully reviewed.

This information, although noting the occurrence of low-grade tungsten mineralization in several localities on your property, indicates to us that the probability of disclosing mineable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret, therefore, to inform you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing this property to our attention.

FARutledge'lm
10/3/52

Sincerely yours,

CC 10-8-52

C. O. Mittendorf (fw)

Administrator

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
F. A. Rutledge

FILE COPY 400
SURNAME:

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

Administrator, DMEA

Oct. 3, 1952

Rutledge
Selfridge
Kiehm

Iron and Ferro-Alloy Division, DMEA

Denial of application for exploration assistance in the amount of $20,000.00.
Docket No. DMA 486X - Tungsten
S. B. Tyler
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

10-8-52
cl

The denial of the subject application by this Division is based on the following information:

1. The property has been examined four times by members of the field team. Reports of the first, third and fourth examining field teams recommended denial of the application. The second examination was made by a member of the first examining field team and a project recommended without complete justification.

2. The results of all four field team examinations indicate the properity has little merit.

3. Analyses and lamping indicate that the best grade to be expected from all but one of the seven small deposits is 0.5 percent WO_3. This is indicative of the best grade of material present, but the average grade of the scheelite-bearing tactite is probably 0.1 percent WO_3.

   Deposit No. 5 contains the only mineable reserve of tungsten ore on the property. Small areas of this deposit lamp as high as 5.0 percent WO_3, but the average grade of the 130 tons of ore indicated is 1.0 percent WO_3. However, the scheelite-bearing tactite of Deposit No. 5 is cut off at a depth of 5 to 6 feet by granodiorite, which is exposed in the three bulldozer cuts across the deposit.

4. The Commodity Division of the Geological Survey recommends denial of the application.

FARutledge'lm
10/3/52

cc: Admn. Reading File
Docket
G. C. Selfridge
F. A. Rutledge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Administrator, DMEA

DATE: Oct. 3, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of application for exploration assistance in the amount of $20,000.00.
Docket No. DMA 486X - Tungsten
S. B. Tyler
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

The denial of the subject application by this Division is based on the following information:

1. The property has been examined four times by members of the field team. Reports of the first, third and fourth examining field teams recommended denial of the application. The second examination was made by a member of the first examining field team and a project recommended without complete justification.

2. The results of all four field team examinations indicate the properity has little merit.

3. Analyses and lamping indicate that the best grade to be expected from all but one of the seven small deposits is 0.5 percent WO_3. This is indicative of the best grade of material present, but the average grade of the scheelite-bearing tactite is probably 0.1 percent WO_3.

   Deposit No. 5 contains the only mineable reserve of tungsten ore on the property. Small areas of this deposit lamp as high as 5.0 percent WO_3, but the average grade of the 130 tons of ore indicated is 1.0 percent WO_3. However, the scheelite-bearing tactite of Deposit No. 5 is cut off at a depth of 5 to 6 feet by granodiorite, which is exposed in the three bulldozer cuts across the deposit.

4. The Commodity Division of the Geological Survey recommends denial of the application.

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

IN REPLY REFER TO:

G-MD-CF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 30, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

To: George C. Selfridge, DMEA

From: A. R. Kinkel, Jr.

Subject: Denial of loan application DMEA 486
Cedar Creek tungsten deposit
Bisconner property
Tulare County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of mineable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and a $20,000.00 project of road building and diamond drilling was recommended in a field team report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who also made a second examination in August, 1952 as the owner reported making a new find.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, was that no exploration was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 130 tons of indicated ore with an estimated grade of 1 percent WO_3, no mineable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

I concur in the denial of the application.

A R Kinkel Jr

Copy retained

IN REPLY REFER TO:

G-MD-CF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 30, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

Memorandum

To: George C. Selfridge, DMEA

From: A. R. Kinkel, Jr.

Subject: Denial of loan application DMEA 486
Cedar Creek tungsten deposit
Bisconner property
Tulare County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of mineable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and a $20,000.00 project of road building and diamond drilling was recommended in a field team report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who also made a second examination in August, 1952 as the owner reported making a new find.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, was that no exploration was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 130 tons of indicated ore with an estimated grade of 1 percent WO_3, no mineable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

I concur in the denial of the application.

ARKinkel:gt

G-MD-CF

September 30, 1952

Department of the Interior
Defense Minerals Administration
Washington
OCT 1 1952

Memorandum

To: George C. Selfridge, DMEA

From: A. R. Kinkel, Jr.

Subject: Denial of loan application DMEA 486
Cedar Creek tungsten deposit
Bisconner property
Tulare County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of mineable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and a $20,000.00 project of road building and diamond drilling was recommended in a field team report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who also made a second examination in August, 1952 as the owner reported making a new find.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, was that no exploration was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 130 tons of indicated ore with an estimated grade of 1 percent WO_3, no mineable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

I concur in the denial of the application.

ARKinkel:gt

IN REPLY REFER TO:

G-10-CF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 30, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1952

To: George C. Selfridge, DMEA

From: A. R. Kinkel, Jr.

Subject: Denial of loan application DMEA 486
Cedar Creek tungsten deposit
Discoverer property
Tulare County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of mineable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and a $20,000.00 project of road building and diamond drilling was recommended in a field team report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who also made a second examination in August, 1952 as the owner reported making a new find.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, was that no exploration was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 150 tons of indicated ore with an estimated grade of 1 percent WO_3, no mineable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

I concur in the denial of the application.

ARKinkel:gt

G-MO-OF

September 30, 1952

Memorandum

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 1 1952

To: [illegible]

From: [illegible] Kinkel, [illegible]

Subject: [illegible] of loan application [illegible]
[illegible] tungsten deposit
[illegible] property
[illegible] County, California

Conclusions. The loan application should be denied because there is no indication that additional exploration would disclose either tungsten ore of minable grade or a large quantity of submarginal tungsten-bearing rock.

This deposit was examined by engineers of the Bureau of Mines in 1950 and again in 1951, and [illegible] project of road building and diamond drilling was recommended in a field trip report. Data was incomplete, and a re-examination and geologic mapping was recommended by the Operating Committee. The property was examined in February 1952 by a geologist of the Survey, who made a second examination in August, 1952 and took over report [illegible] mapping.

The conclusion of the examining geologist, concurred in by the Field Team of Region III, [illegible] was warranted because the occurrences of scheelite are low-grade, erratic, and widely spread. With the exception of one area, which is estimated to contain 130 tons of indicated ore with an estimated grade of 1 percent WO_3, no minable ore was seen, and the likelihood of finding additional ore by exploration in this area is small.

[illegible] concur in the denial of the application.

ARKinkel:gt

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9-12-52

REFERRED TO:

1. ~~Mrs. Berry, Rm. 4624~~
2. ~~[illegible]~~
3. ~~[illegible]~~
4. Code 400

FOR:

- ____ Action
- ____ Approval
- ____ Comment
- ____ Conference
- ____ Consideration
- ____ Filing
- ____ Instructions
- ____ Investigation
- ____ Initials
- ____ Mailing
- ____ Previous correspondence
- ____ Recommendation
- ____ Record of ____
- ____ Referring to ____
- ____ Reply for signature of ____
- ____ Rewriting
- ____ Signature
- ____ Suggestions
- ____ Your information

REMARKS: ~~Agenda 9/19~~

Check (X) before the items needing attention.

~~ROBERT E. ADAMS~~
Initials of sender.

GPO 16—63815-1

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, California

September 12, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 486 (Tungsten), S. B. Tyler, Cedar Creek Tungsten Deposit, Bisconner Property, Tulare County, California

Reference is made to the request of G. C. Selfridge, dated July 17, for a re-examination of the subject property.

Attached are the original and three copies of a supplemental report - DMEA 486, Cedar Creek Tungsten Deposits, Tulare County, California, by W. P. Irwin, Geologist, U. S. Geological Survey, dated September 9, 1952.

The examining geologist recommends that Mr. Tyler's request for a Government loan be denied, as none of the deposits, except deposit No. 5, shows promise of containing mineable ore, and the probability of finding additional ore by exploration of deposit No. 5 is small.

Inasmuch as we cannot recommend the granting of an exploration loan on the subject property, no effort has been made to obtain executed "Consent to Lien" forms.

Subject docket is being returned herewith.

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: C. H. Bailey
A. C. Johnson (with copy of report)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 486, Cedar Creek Tungsten Deposits

Tulare County, California

W. P. Irwin, Geologist
U. S. Geological Survey

September 9, 1952

Reviewed by
DMEA OPERATING COMMITTEE
9-19
(date)

Introduction

Five localities known as the Cedar Creek tungsten deposits were examined on February 13, 1952, by W. P. Irwin of the Geological Survey. The examination was made at the request of DMEA, as the lessee Mr. S. B. Tyler of Tulare, California, had applied for Government participation in a $20,000 exploration program. Subsequent to the examination, the lessee did additional prospecting and found two new deposits. He claimed that discovery of high grade ore had been made and asked that the deposits be re-evaluated in view of the new showings. Irwin re-examined the deposits on August 6, 1952, in the company of S. B. Tyler and John Cogdall.

Location

The deposits are within an area about one mile square at the head of Cedar Creek (shown as Elder Creek on the Tehipite Quadrangle) about 11 airline miles N.15°E. of Lemmon Cove, California. The area covers parts of sec. 12, T. 16 S., R. 27 E., and secs. 7 and 18, T. 16 S., R. 28 E., MDBM, and is at altitudes ranging from 2200 to 2600 feet (see plate 1). An old homestead road extends 3 miles to the area from a fair road at Live Oaks Pass. The homestead road is overgrown with brush, and can be traveled only on foot or horseback. Another trail suitable for travel on foot or horseback extends 3 miles to the area from a macadam road at the mouth of Cedar Creek.

General Geology

The bedrock in the area is largely concealed by a mantle of overburden and soil, but in places granodiorite and metamorphic rocks crop out. The metamorphic rocks consist of tactite, hornfels, and quartzite. They are more resistant to erosion than the granodiorite, and at several places crop out along the top of knolls.

The tungsten deposits are of the contact metamorphic type and occur in some of the tactite and hornfels exposed at the top of the knolls. Scheelite is the only tungsten-bearing mineral observed. Under ultra-violet light most of it fluoresces bluish-white, but a little fluoresces pale yellow.

Deposit No. 00

Four bulldozer trenches on the southwest slope of a hill constitute the workings of deposit No. 00. The trenches are spaced for 150 feet along the trace of an irregular tactite body that strikes an average of N.30°W. and dips moderately southwest in granodiorite. They do not expose the complete width of the tactite body, but it is likely that the tactite body averages more than 5 feet in width. The tactite body pinches out to the southeast in the northernmost cut; tactite extends northwest beyond the northernmost cut.

The tactite consists mainly of epidote and quartz with minor garnet, and considerable schist is interbedded with the tactite in places. A few grains of scheelite were seen in the tactite at several widely-spaced places, but in most of the tactite no scheelite was seen.

Deposit No. 0

Deposit No. 0 is crosscut by two north-trending bulldozer trenches, one of which is 40 feet west of the other. Tactite is exposed over an area of only 2 or 3 square feet in the bottom of each trench, and the remainder of the trenches is in overburden. Scheelite occurs in the tactite, and the tactite in each trench lamps about 0.5 percent WO_3.

Two outcrops of tactite interlayered with schist and granodiorite between the trenches do not appear to be part of the same body exposed on the trenches and contain no scheelite.

Deposit No. 1 (Big Hill deposit)

Deposit No. 1 is exposed along the crest of an elongate, north-trending knoll, and is crosscut by five bulldozer trenches. The slopes of the knoll to the west and south are steep, whereas those to the north and east are more gentle. Tactite and hornfels crop out over a larger area at this deposit than at any of the others. Although the exposures are not continuous, they constitute the larger part of an area 300 feet in length and 100 feet in width along the crest of the knoll, and it seems likely that they represent parts of a continuous body of tactite and hornfels. Several isolated exposures of quartzite and schist on the west slope of the knoll indicate that the western limit of the main area of outcrop is the approximate western limit of the body of tactite and hornfels. About 100 feet east of the main area of outcrop, tactite and hornfels crop out along a northerly line for a distance of 75 feet and a width of 25 feet. The mantle of soil between the two areas consists largely of disintergrated granodiorite, and it is likely that the two areas of outcrop represent two bodies of hornfels and tactite separated by granodiorite.

The tactite and hornfels consist mainly of garnet, epidote and quartz. In the larger area of outcrop the bedding of the rock strikes N.10°E. and is vertical; the attitude of the bedding was not apparent in the smaller area.

The occurrences of scheelite are erratic and widely spread, and are associated mainly with quartz-rich areas of tactite. In the larger area of exposure, several small widely separated areas that total about 20 square feet lamp an average of about 0.5 percent WO_3, but by far the greater part is devoid of scheelite. In the smaller area of exposure to the east, several square feet lamp between 0.5 and 1.0 percent WO_3, but most of the exposed rock contains no scheelite.

Deposit No. 2 (Dream deposit)

Several shallow pits and bull-dozer trenches on the top of a low knoll constitute the workings on deposit No. 2. The bedrock is concealed in most places by two or three feet of overburden, and the pits have sloughed, so that the exposures are poor. Two of the pits are in granodiorite; the other workings appear to be in two separate tactite bodies. The bedding of the tactite strikes N.35°W. and appears to be vertical. The length and width of the tactite bodies could not be determined. The tactite is mostly barren of scheelite but a few square feet lamped about 0.5 percent WO_3. The average grade of all of the tactite exposed is estimated to be far less than 0.1 percent WO_3.

Deposit No. 3

Deposit No. 3 is exposed by widely-spaced outcrops, two bulldozer trenches, and several shallow pits for a length of 225 feet in a northerly line along the crest of a spur. It is a body of tactite approximately 10 feet wide. The bedding of the tactite is nearly vertical. No scheelite was seen in the tactite, with the exception of one small grain at the south end of the deposit.

Deposit No. 4

Epidote-rich tactite crops out for a length of 100 feet in an easterly direction and for a width of 25 feet. The attitude of the bedding would not be determined, as the outcrops consist of jumbled blocks of tactite. A small pit 50 feet south of the west end of the area of outcrop is in tactite.

In the eastern part, small areas of tactite that total several square feet lamp between 0.5 and 1.0 percent WO_3, but for the greater part the tactite appears to contain an average of about 0.1 percent WO_3. The tactite in the western part is almost barren of scheelite. The tactite dug from the small pit lamps about 0.1 percent WO_3.

Deposit No. 5

The workings at deposit No. 5 consist of three parallel bull-dozer trenches spaced at 30 feet intervals. They are about 6 feet deep, range from 60 to 75 feet in length, and crosscut a tactite body that strikes west. The easternmost trench is about 10 feet west of the homestead cabin.

Tactite in granodiorite is exposed in the two eastern trenches; only granodiorite is exposed in the western trench. In the middle of the east wall of the easternmost cut the tactite body is vertical and 10 feet wide. It bottoms bluntly at the bottom of the trench, and in the west wall of the same cut only granodiorite is exposed. Similar exposures exist in the middle trench, where the tactite is 23 feet wide

in the east wall and only granodiorite is exposed in the west wall. The exposures indicate that the two trenches either cut the highly irregular bottom of a nearly eroded tactite body, or else cut two small, possibly pipe-like, bodies.

The tactite consists mainly of epidote, quartz, and garnet. Scheelite occurs in the tactite mostly as small grains less than 1/16 inch in diameter, but some of the grains are as much as 1/2 inch in diameter. The tactite exposure in the east wall of the easternmost cut lamps about 1 percent WO_3. In the middle cut, the northern half of the tactite exposure lamps about 1 percent WO_3 and the southern half is nearly barren. At some places the exposed tactite lamps considerably higher than 1 percent WO_3, and a few small areas lamp as high as 5 percent WO_3.

Ore Reserves

Deposit No. 5 contains the only mineable reserve of tungsten ore. The other deposits are not of economic value, although a few of them contain small, widely-spaced patches of low grade ore.

Deposit No. 5 contains 130 tons of indicated ore with an estimated grade of 1 percent WO_3.

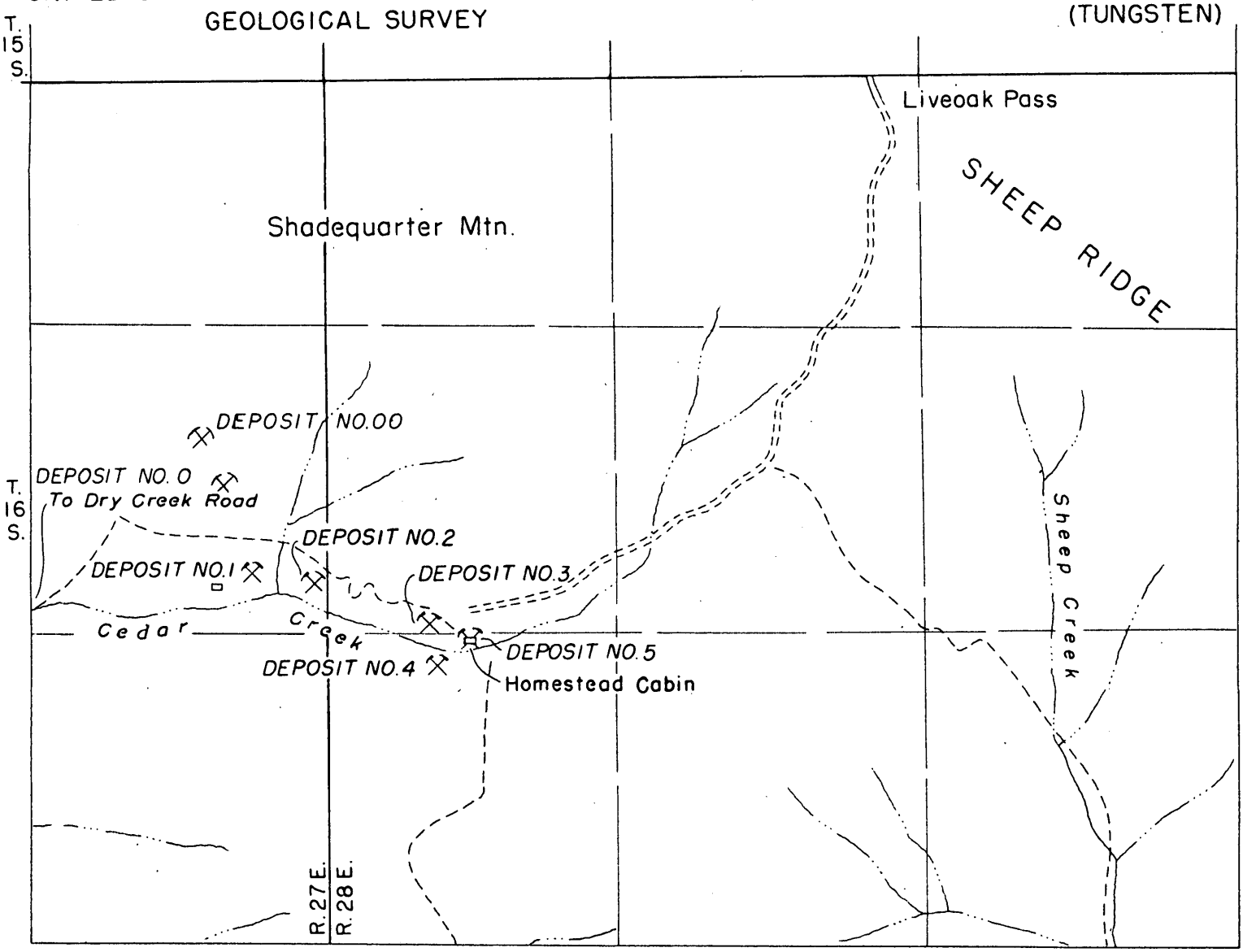
Conclusions and Recommendations

The ore in deposit No. 5 is somewhat disintergrated rock that could be mined easily by a small open cut to its inferred depth of 6 feet. Mining the ore would be an attractive venture for a "shoestring" operator, were it not for the limited tonnage and difficult accessibility of the deposit.

It is recommended that the applicant's request for a Government loan be denied, as none of the deposits except deposit No. 5 shows promise of containing mineable ore, and the likelihood of finding additional ore by exploration of deposit No. 5 is small.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 486
(TUNGSTEN)



Modified after Tehipite Quadrangle

LOCATION MAP OF CEDAR CREEK TUNGSTEN DEPOSITS, TULARE COUNTY, CALIFORNIA

0 1/2 1 Mile

PLATE NO. I

7 500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9-17-52

REFERRED TO:

1. Code 400-Am 13538
2. ----------
3. ----------
4. ----------

FOR:

---------- Action	---------- Recommendation
---------- Approval	---------- Record of ----------
---------- Comment	---------- Referring to ----------
---------- Conference	---------- Reply for signature of ----------
---------- Consideration	---------- Rewriting
---------- Filing	---------- Signature
---------- Instructions	---------- Suggestions
---------- Investigation	---------- Your information
---------- Initials	
---------- Mailing	
---------- Previous correspondence	

REMARKS: ----------

Check (X) before the items needing attention.

Adams (AD)
Initials of sender.

GPO 16—63815-1

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, California

September 12, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 486 (Tungsten), S. B. Tyler, Cedar Creek Tungsten Deposit, Bisconner Property, Tulare County, California

Reference is made to the request of G. C. Selfridge, dated July 17, for a re-examination of the subject property.

Attached are the original and three copies of a supplemental report - DMEA 486, Cedar Creek Tungsten Deposits, Tulare County, California, by W. P. Irwin, Geologist, U. S. Geological Survey, dated September 9, 1952.

The examining geologist recommends that Mr. Tyler's request for a Government loan be denied, as none of the deposits, except deposit No. 5, shows promise of containing mineable ore, and the probability of finding additional ore by exploration of deposit No. 5 is small.

Inasmuch as we cannot recommend the granting of an exploration loan on the subject property, no effort has been made to obtain executed "Consent to Lien" forms.

Subject docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: E. H. Bailey
A. C. Johnson (with copy of report)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 486, Cedar Creek Tungsten Deposits

Tulare County, California

W. P. Irwin, Geologist
U. S. Geological Survey

September 9, 1952

Introduction

Five localities known as the Cedar Creek tungsten deposits were examined on February 13, 1952, by W. P. Irwin of the Geological Survey. The examination was made at the request of DMEA, as the lessee Mr. S. B. Tyler of Tulare, California, had applied for Government participation in a $20,000 exploration program. Subsequent to the examination, the lessee did additional prospecting and found two new deposits. He claimed that discovery of high grade ore had been made and asked that the deposits be re-evaluated in view of the new showings. Irwin re-examined the deposits on August 6, 1952, in the company of S. B. Tyler and John Cogdall.

Location

The deposits are within an area about one mile square at the head of Cedar Creek (shown as Elder Creek on the Tehipite Quadrangle) about 11 airline miles N.15°E. of Lemmon Cove, California. The area covers parts of sec. 12, T. 16 S., R. 27 E., and secs. 7 and 18, T. 16 S., R. 28 E., MDBM, and is at altitudes ranging from 2200 to 2600 feet (see plate 1). An old homestead road extends 3 miles to the area from a fair road at Live Oaks Pass. The homestead road is overgrown with brush, and can be traveled only on foot or horseback. Another trail suitable for travel on foot or horseback extends 3 miles to the area from a macadam road at the mouth of Cedar Creek.

General Geology

The bedrock in the area is largely concealed by a mantle of overburden and soil, but in places granodiorite and metamorphic rocks crop out. The metamorphic rocks consist of tactite, hornfels, and quartzite. They are more resistant to erosion than the granodiorite, and at several places crop out along the top of knolls.

The tungsten deposits are of the contact metamorphic type and occur in some of the tactite and hornfels exposed at the top of the knolls. Scheelite is the only tungsten-bearing mineral observed. Under ultra-violet light most of it fluoresces bluish-white, but a little fluoresces pale yellow.

Deposit No. 00

Four bulldozer trenches on the southwest slope of a hill constitute the workings of deposit No. 00. The trenches are spaced for 150 feet along the trace of an irregular tactite body that strikes an average of N.30°W. and dips moderately southwest in granodiorite. They do not expose the complete width of the tactite body, but it is likely that the tactite body averages more than 5 feet in width. The tactite body pinches out to the southeast in the southernmost cut; tactite extends northwest beyond the northernmost cut.

The tactite consists mainly of epidote and quartz with minor garnet, and considerable schist is interbedded with the tactite in places. A few grains of scheelite were seen in the tactite at several widely-spaced places, but in most of the tactite no scheelite was seen.

Deposit No. 0

Deposit No. 0 is crosscut by two north-trending bulldozer trenches, one of which is 40 feet west of the other. Tactite is exposed over an area of only 2 or 3 square feet in the bottom of each trench, and the remainder of the trenches is in overburden. Scheelite occurs in the tactite, and the tactite in each trench lamps about 0.5 percent WO_3.

Two outcrops of tactite interlayered with schist and granodiorite between the trenches do not appear to be part of the same body exposed on the trenches and contain no scheelite.

Deposit No. 1 (Big Hill deposit)

Deposit No. 1 is exposed along the crest of an elongate, north-trending knoll, and is crosscut by five bulldozer trenches. The slopes of the knoll to the west and south are steep, whereas those to the north and east are more gentle. Tactite and hornfels crop out over a larger area at this deposit than at any of the others. Although the exposures are not continuous, they constitute the larger part of an area 300 feet in length and 100 feet in width along the crest of the knoll, and it seems likely that they represent parts of a continuous body of tactite and hornfels. Several isolated exposures of quartzite and schist on the west slope of the knoll indicate that the western limit of the main area of outcrop is the approximate western limit of the body of tactite and hornfels. About 100 feet east of the main area of outcrop, tactite and hornfels crop out along a northerly line for a distance of 75 feet and a width of 25 feet. The mantle of soil between the two areas consists largely of disintergrated granodiorite, and it is likely that the two areas of outcrop represent two bodies of hornfels and tactite separated by granodiorite.

The tactite and hornfels consist mainly of garnet, epidote and quartz. In the larger area of outcrop the bedding of the rock strikes N.10°E. and is vertical; the attitude of the bedding was not apparent in the smaller area.

The occurrences of scheelite are erratic and widely spread, and are associated mainly with quartz-rich areas of tactite. In the larger area of exposure, several small widely separated areas that total about 20 square feet lamp an average of about 0.5 percent WO_3, but by far the greater part is devoid of scheelite. In the smaller area of exposure to the east, several square feet lamp between 0.5 and 1.0 percent WO_3, but most of the exposed rock contains no scheelite.

Deposit No. 2 (Dream deposit)

Several shallow pits and bull-dozer trenches on the top of a low knoll constitute the workings on deposit No. 2. The bedrock is concealed in most places by two or three feet of overburden, and the pits have sloughed, so that the exposures are poor. Two of the pits are in granodiorite; the other workings appear to be in two separate tactite bodies. The bedding of the tactite strikes N.35°W. and appears to be vertical. The length and width of the tactite bodies could not be determined. The tactite is mostly barren of scheelite but a few square feet lamped about 0.5 percent WO_3. The average grade of all of the tactite exposed is estimated to be far less than 0.1 percent WO_3.

Deposit No. 3

Deposit No. 3 is exposed by widely-spaced outcrops, two bulldozer trenches, and several shallow pits for a length of 225 feet in a northerly line along the crest of a spur. It is a body of tactite approximately 10 feet wide. The bedding of the tactite is nearly vertical. No scheelite was seen in the tactite, with the exception of one small grain at the south end of the deposit.

Deposit No. 4

Epidote-rich tactite crops out for a length of 100 feet in an easterly direction and for a width of 25 feet. The attitude of the bedding could not be determined, as the outcrops consist of jumbled blocks of tactite. A small pit 50 feet south of the west end of the area of outcrop is in tactite.

In the eastern part, small areas of tactite that total several square feet lamp between 0.5 and 1.0 percent WO_3, but for the greater part the tactite appears to contain an average of about 0.1 percent WO_3. The tactite in the western part is almost barren of scheelite. The tactite dug from the small pit lamps about 0.1 percent WO_3.

Deposit No. 5

The workings at deposit No. 5 consist of three parallel bulldozer trenches spaced at 30 feet intervals. They are about 6 feet deep, range from 60 to 75 feet in length, and crosscut a tactite body that strikes west. The easternmost trench is about 10 feet west of the homestead cabin.

Tactite in granodiorite is exposed in the two eastern trenches; only granodiorite is exposed in the western trench. In the middle of the east wall of the easternmost cut the tactite body is vertical and 10 feet wide. It bottoms bluntly at the bottom of the trench, and in the west wall of the same cut only granodiorite is exposed. Similar exposures exist in the middle trench, where the tactite is 23 feet wide

in the east wall and only granodiorite is exposed in the west wall. The exposures indicate that the two trenches either cut the highly irregular bottom of a nearly eroded tactite body, or else cut two small, possibly pipe-like, bodies.

The tactite consists mainly of epidote, quartz, and garnet. Scheelite occurs in the tactite mostly as small grains less than 1/16 inch in diameter, but some of the grains are as much as 1/2 inch in diameter. The tactite exposure in the east wall of the eastern-most cut lamps about 1 percent WO_3. In the middle cut, the northern half of the tactite exposure lamps about 1 percent WO_3 and the southern half is nearly barren. At some places the exposed tactite lamps considerably higher than 1 percent WO_3, and a few small areas lamp as high as 5 percent WO_3.

Ore Reserves

Deposit No. 5 contains the only mineable reserve of tungsten ore. The other deposits are not of economic value, although a few of them contain small, widely-spaced patches of low grade ore.

Deposit No. 5 contains 130 tons of indicated ore with an estimated grade of 1 percent WO_3.

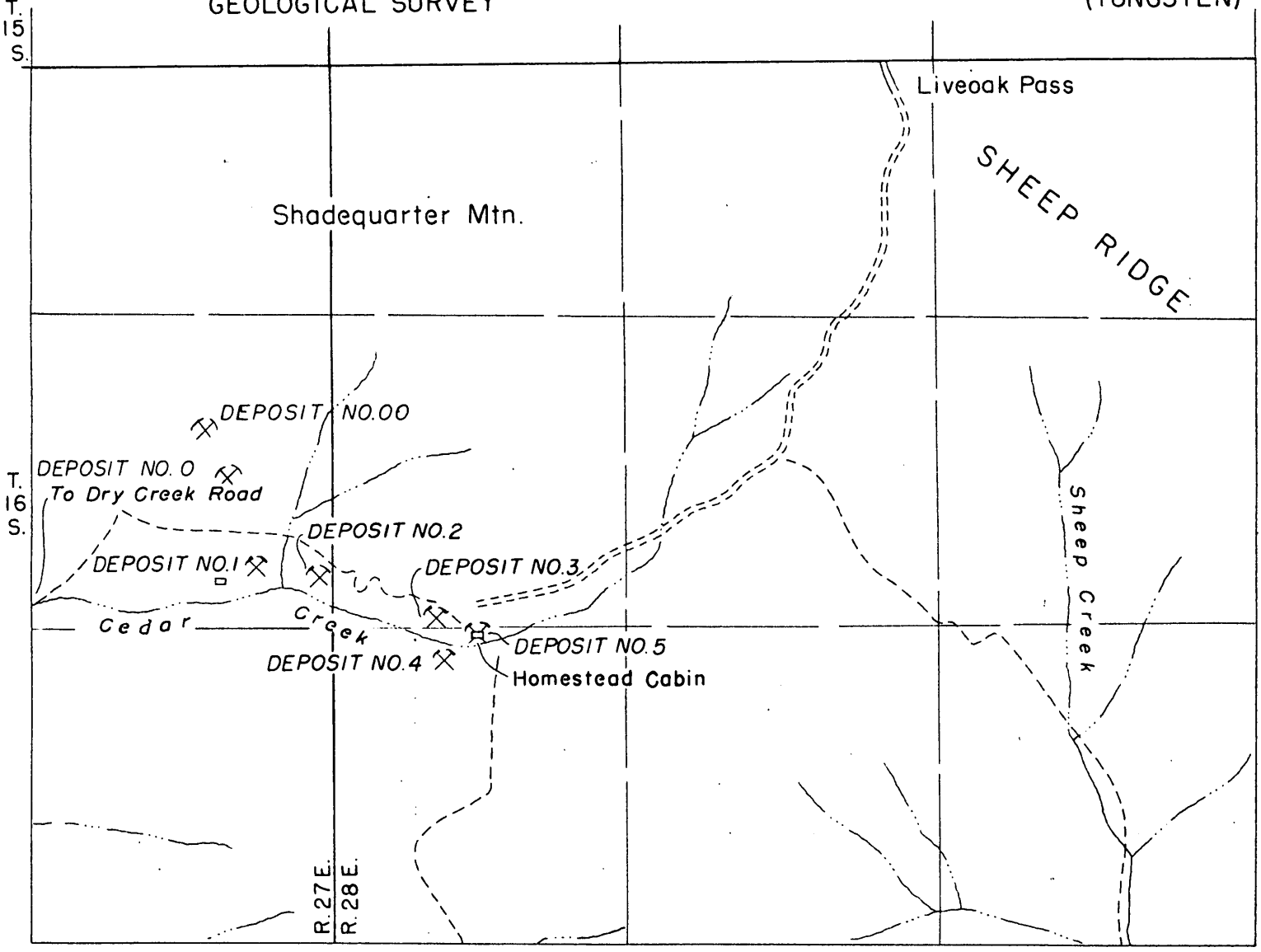
Conclusions and Recommendations

The ore in deposit No. 5 is somewhat disintergrated rock that could be mined easily by a small open cut to its inferred depth of 6 feet. Mining the ore would be an attractive venture for a "shoestring" operator, were it not for the limited tonnage and difficult accessibility of the deposit.

It is recommended that the applicant's request for a Government loan be denied, as none of the deposits except deposit No. 5 shows promise of containing mineable ore, and the likelihood of finding additional ore by exploration of deposit No. 5 is small.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 486
(TUNGSTEN)



Modified after Tehipite Quadrangle

LOCATION MAP OF CEDAR CREEK TUNGSTEN DEPOSITS, TULARE COUNTY, CALIFORNIA

0 1/2 1 Mile

PLATE NO. I

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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

DEC 29 1951

Dear Sir:

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

Applicant S. B. Tyler

Docket No. 486X

Commodity Tungsten

Amount $20,400 (as of supplement of Oct. 16, 1951)

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

Sincerely yours,

C O Mitteudorf

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

T. P. Thayer

Member, Geological Survey

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1952 JAN 2 PM 2:05

SAN FRANCISCO, CALIFORNIA

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1952 JAN 10 PM 2:12

SAN FRANCISCO, CALIFORNIA

George B. Holderer November 6, 1951

T. P. Thayer

Ceder Creek tungsten. DMA 486-X

The field report lacks any useful map, and contains statements such as "a large number of huge scheelite-bearing boulders along the 30 foot trench", which do not inspire confidence in its accuracy.

Never before have I seen diamond drilling in circles suggested for tungsten exploration. Before diamond drilling is undertaken, some real surface trenching, sampling, and geologic mapping is needed to provide a realistic basis for subsurface exploration.

TPThayer:gt

Defense Minerals Exploration Administration

Review of Application for Exploration Assistance

Docket No. DMA 486X

Commodity Tungsten

Total Amount $21,400 as of Oct. 16, 1951

Govt. Participation 75%

1. Name and Address of Applicant S. B. Tyler
P.O. Box 1301
Tulare, California

2. Location of Property Sec. 12; T16S; R27E; M.D.B.&M.
Secs. 3 & 18; T16S; R28E; M.D.B.&M.

3. Mineral or metal Tungsten 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 No data, as required by Question 22, has been given.

c) None

d) Don't know—needs field examination Yes - Answer Question 22.

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
(question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future

productive period? No - The lease is for 2 years from Nov. 1, 1950.

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 XX

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

a) Available manpower Not discussed.

b) Equipment and supplies None at hand, work to be done by contract.
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Bad - Says there are no roads directly to the property.

d) Water (question 13)* XX

e) Power (question 13)* Says "None".

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4) (Answered under #6. of MF-100). No, applicant is businessman, does not name manager.

Is a field check needed on this point? Yes - Must agree to employ competent man.

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No 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? Yes

If not, what part of it is? _____

Is this part a worth-while exploration project?_____

d) Are the cost estimates detailed? **Yes.**

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

e) Are the cost estimates reasonable? **Yes**

f) Should more information be requested from applicant? **Yes**

g) Is a field examination necessary to complete Exhibit A? **Yes**

11. Exhibit B (question 23-d)*

a) Is it applicable? **Yes**

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? **None required.**

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? **No**

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

a) Are there sufficient data? **Yes**

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? **Yes**

e) Is a field check needed? **No**

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Possibly, under the best of conditions.

(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? Yes - See attached sheet.

Reviewed by: Q. L. Brewer

T. P. Hayes

R. W. Guhon

Date Dec. 18, 1951

Review of Application for Exploration Assistance - DMA 486X - Re: Item 17

There have been two field examinations made of this property. The field team visited the property on June 14, 1951, and reported on it under date of June 22, 1951, including in this report a copy of a report made, by the same investigator, on July 14 and 15, 1950. The 1950 report is negatively written throughout; states that "until this road (a proposed USFS Access Road) is constructed, this property should not receive further consideration by the Bureau of Mines", and makes no recommendations whatever as to prospecting or a program of development, although it is stated that "development should be confined to this area" (prospect No. 2).

The report of June, 1951, however, flatly states that, (referring to the July, 1950, report), "the Bureau Engineer recommended exploration by test pitting in his original report" - - - We have carefully read the July, 1950, report and cannot find any such recommendation.

Further, the 1951 report states, in conclusion, "The prospects are of sufficient interest to warrant a loan for the proposed work"---How can the same investigator advise in 1950 to give the property "no further consideration" and a year later recommend a loan?

Similarly in 1950, only "Prospect No. 2" was deemed worthy of development, yet in 1951, several "knolls or hills contain outcrops of milling grade material" and reference is made to Figure 1, which is a map, showing not one "prospect" but six places, numbered 1 to 6 --- and there is no explanation of this sudden enhancement in value.

Attached to the field team report is a supplement to form MF-103, April, 1951, originally filed May 22, 1951, in which question 23 and 24 are revised, as of October 16, 1951. These revisions are satisfactory.

There is no attempt, however, to furnish the data requested in question 22, in either of the two reports of the field team or by the applicant's original or supplementary application. The sketch supplied with the October 16, 1951, supplementary form MF-103 shows no scale; does not reflect the data contained in the July, 1950, report; and does not show any geological information whatever. Furthermore, the report of July, 1950, relates that the area covered by "prospect No. 1" is 150' x 300' (approximately one acre), that "prospect No. 2" is "similar", and although the size of "prospect No. 5" is not specified, it is intimated that of "ten or more tactite areas", "one of these is 250 feet in diameter" --- Hence, it appears that the field team is in favor of a $20,400.00 exploration project on 3 isolated tracts of one-acre each, with no statement whatever as to geological structure, continuity of mineralization, or other possible relation of one area to another.

It is also noted that the June, 1951, report states flatly --- "several hills or knolls contain sheelite-bearing outcrops of milling grade materials", following which is a statement that no prospecting has been done to determine the depth of the deposit, hence it is

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 foot depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951

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-486X

Date received 5/18/51

Participation

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th 1951

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $ 20,000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 15 miles north east
Lemon Cove, Tulare Co. California

Date of filing MF-100 May 14th, 1951

DMA Docket Number, if available Dma-486X

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual
*2. If a partnership, state names and addresses of partners.
*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? Leesee
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. Attached. 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)? $ 5,000.00 25% of estimated cost

*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.

Exp B — (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

Exp C — (*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 S. B. Lyter (Signature of authorized official)

May 14, 1951 (Date)

_____ (Title)

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

*Same as footnote on page 1.

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

Form MF-103 Continued.

10. A- Cattle range- no existing mines
    B. Sections, 12& 18- Township 16S-Range 28 - Tulare Co. California
11. Cedar Creek
12. Answered on MF- 100
13. Answered on MF- 100
14. None
15. Ore could be trucked to mill 35 miles distance
16. A- Answered on MF- 100
    B- Answered on MF- 100
    C- Answered on MF- 100
17. - New exploration
18. - Does not apply
19. - Answered on MF- 100
20. - Tungsten
21. - Work of road building, bulldozing, and core drilling project to take approximatly 90 days
22. - Answered on MF. - 100
23. -

Building temporary road	$ 1,000.00
15 days bulldozing @ $ 100.00 Per day (Contract)	1,500.00
1500 feet core driling @ 4.00 per ft. (contract)	6,000.00
Temporary living quarters (repairs to cabin near property	500.00
Surveyor and helper (road building)	300.00
Supervisor, 3 months @ $ 500.00 per mo.	1,500.00
Engineer, 3 months @ $ 500.00 per mo.	1,500.00
Blasting man, 3 months @ $ 350.00 per mo.	1,050.00
Powder	300.00
1 common laboror 3 months @ $ 225.00 per mo.	675.00
1 common laboror 3 months $ 225.00 per mo.	675.00
Building additional access road for trucking out ore if exploration work uncovers sufficent amount of ore to mine and mill	5,000.00
Total cost of exploration	$20,000.00

24. - It will take approximately 120 days to complete the entire project, after approval.

Application for Exploration Aid

S. B. Tyler
P. O. Box 1301
Tulare California

Form MC-102 Continued.

10. A- Barite range- no existing mines
B. Sections, 12s- 10- Township 10s-Range 2E - Mineral Co. California
11. Desert Green
12. Answered on MC- 100
13. Answered on MC- 100
14. None
15. Ore could be brought to mill 25 miles distance
16. A- Answered on MC- 100
B- Answered on MC- 100
C- Answered on MC- 100
17. - New exploration
18. - Does not apply
19. - Answered on MC- 100
20. - Doggedon
21.- Have of road building, building, and core drilling project to take approximately 90 days
22. - Answered on MC. - 100
23.-

Building temporary road	$ 1,000.00
15 days bulldozing @ $ 100.00 per day (Contract)	1,500.00
1500 feet core drilling @ $.00 per ft. (contract)	6,000.00
Temporary living quarters (repairs to cabin near property)	300.00
Surveyor and helper (road building)	300.00
Superintendent, 3 months @ $ 500.00 per mo.	1,500.00
Engineer, 3 months @ $ 500.00 per mo.	1,500.00
Blasting man, 3 months @ $ 350.00 per mo.	1,050.00
Powder	300.00
1 common laborer 3 months @ $ 225.00 per mo.	675.00
1 common laborer 3 months @ 225.00 per mo.	675.00
Building additional access road for trucking out ore if exploration work uncovers sufficient amount of ore to mine and mill	5,000.00

Total cost of exploration $20,000.00

24.- It will take approximately 120 days to complete the entire project, after approval.

Application for Exploration Aid

E. F. Tyler
P. O. Box 120
Inyokern California

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-486X

Date received 5/18/51

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity certificate pursuant to section 124 of the Internal Revenue Code (1950) (5)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

5

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form MF-100

1. A- Tungsten
   B. None
2. None
   A. - None
   B. - None
   C. - None
   D. - None
3. A.- Approximately 15 miles North East of Lemon Cove, Tulare Co, Calif.
   B. - Do not know
   C.- Sections 12 & 18, Township 16S, Range 28, Tulare Co. California
4. A. - Not operated Sec. 12, T. 16S., R. 27E.
   B. - Lessee Sec. 18, T. 16S., R. 28E.
5.- New discovery
6.- A- 25 years buisness experence of applicant
   B. - Managing operator has had 8 years experence mining and milling tungsten
7. -A.- Recent discovery. hand surface work only has been done by owner of property, lessee, and inspecting Engineers, for the purpose of sampling ore.
   B.- Tungsten mine approximately 10 miles from above property, has produced more than $ 500,000.00 in the last 6 years.
   C.- Property was inspected by Mr. John Emerson, Chief Engineer, U.S. Vanidum Co. Pine Creek, Bishop California. Mr. Trengrove, U.S.Bureau Mines, Reno Nevada, office. Mr. Dave Baker, formley with U. S. Bureau of Mines. All of these men were of the opinion the property should be futher explored and core drilled.

8.- Does not apply
9.- Does not apply
10.- No production. New project
11.- Does not apply
12.- A.- Surface showings indicate deposit over a radius of 1½ miles. 6 definate tactite showings. largest exposurer, 200 ft. X 150 ft.
   B.- Sampling and assays by engineers, Nil to 1.49 Wo3- Phos. 0.007 Select sample from surface, 2.33 WO3. Panned concentrate WO3 73.48 Mo. 0.33, Arsenic, 0.019
13.- There are no roads directly to the property
14.- Cedar creek runs through the property, which will furnish sufficent water the year round.
15.- None
16.- Does not apply
17.- A.- No equipment or facilities on the property
18.- A temporary road of approximately 2 miles will have to be built to take in equipment to do exploration work. If ore body of sufficent size is proven, an access road will have to be built of approximately 5 miles long.

Application for Exploration

S. B. Tyler
P. O. Box 1301
Tulare California

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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 S. B. Tyler
(Signature of authorized official)

May 14, 1951
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

October 16, 1951

S. B. Tyler

Subject: DMA 486X Tungsten
Ceder Creek Prospects
Tulare County, California

Supplement Form MF-103, dated May 14, 1951
#23 Revised.

Building temporary road - 1-3/4 miles from end of present road at top of Live Oak Pass to Prospect No. 5 (contract)	$ 1,000.00
15 days bulldozing at $100 per day (contract) removing overburden on Prospect No. 5 and trenching 150 feet to expose tactite; 3 days on Prospect No. 4 removing overburden and cutting 200 foot trench to expose tactite; 4 days work to build road from Prospect No. 4 and Prospect No. 5 to Prospects 1 and 2; 4 days work removing overburden and trenching on Prospects No. 1 and 2; one days work making earthen dam on Ceder Creek for water supply.	1,500.00
1500 feet core drilling at $8 per foot (contract).	12,000.00
Repairs to cabin on property - replace roof, floor and windows (Labor $150, material $350, Carpenter $20 per day).	500.00
Surveyor and helper for road building (contract).	300.00
Supervision, 3 months, at $500 per month.	1,500.00
Blasting man, 3 months, at $350 per month to handle powder in building roads, also assist bulldozer operator in blasting the larger boulders in removing overburden and trenching. He also will be used during core drilling.	1,050.00
Powder, caps, and fuse.	300.00
Sampling and assaying - 100 assays at $7.50	750.00
2 common laborers, 3 months, $250 each per month to haul supplies, lay pipeline for water, build a dam, operate pump and wash ore body for sampling. Also will be used as general utility men during exploration.	1,500.00
Total cost of exploration	$ 20,400.00

It will take approximately 90 days to complete the project after approval.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
OCT 23 8 32 AM '51

Applicant for exploration aid

S. B. Tyler
P. O. Box 1301
Tulare, California

P. S. On Prospect No. 1 the diamond drill holes should be drilled around the base of the knoll approximately 100 to 125 feet apart. Knoll is about 300 feet long and 150 feet wide. One center hole -- See sketch. On Prospect No. 2, holes should be drilled around this knoll which is approximately 200 feet in diameter. Holes to be about 150 feet apart. One center hole -- see sketch. On Prospect No. 5, by the drilling of five 100 foot holes the size of the tactite body could be determined. These holes should be drilled at about 50 - 75 foot intervals perpendicularly -- See sketch.

Sub Tyler

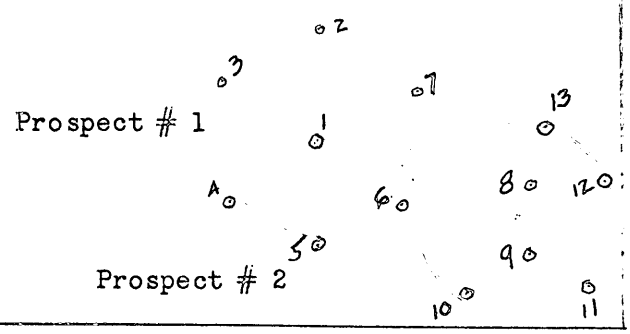
October 9th, 1951
Subject : DMA 486X Tungsten
Ceder Creek Prospects
Tulare County, California

Section 12, T. 16 S., R. 27 E.
Tulare County, California

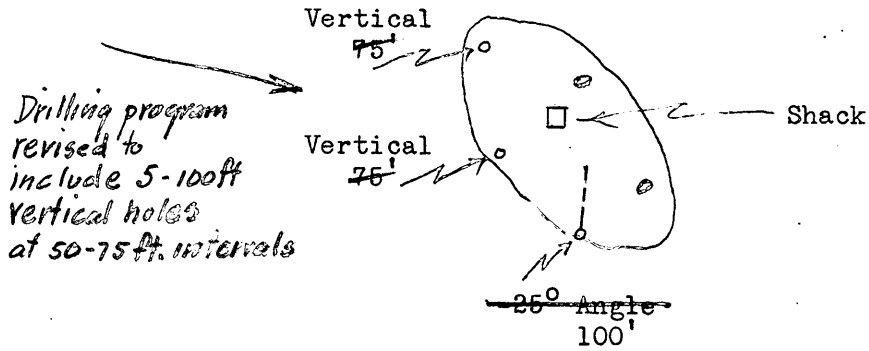
Prospect # 1
Hole # 1 - 100 Ft. Down
Holes # 2,3,4,5,6,7, 75 ft. deep,
at 15 degrees down.

Prospect # 2
Holes # 8, & 9, 100 ft. down
Holes # 10,11,12, & 13, 75 ft. deep,
at 15 degrees down.

Holes # 2,3,4,5,6,7,10,11,12,13,
will be drilled at base of Knolls.



Prospect 5 (under shack)



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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

DEC 29 1951

Dear Sir:

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

Applicant S. B. Tyler

Docket No. 486X

Commodity Tungsten

Amount $20,400 (as of supplement of Oct. 16, 1951)

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

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVE:

Member, Bureau of Mines

Member, Geological Survey

Copy

October 16, 1951

Subject: DMA 486X Tungsten
Ceder Creek Prospects
Tulare County, California

S. B. Tyler

Supplement Form MF-103, dated May 14, 1951
#23 Revised.

Building temporary road - 1-3/4 miles from end of present road at top of Live Oak Pass to Prospect No. 5 (contract)	$ 1,000.00
15 days bulldozing at $100 per day (contract) removing overburden on Prospect No. 5 and trenching 150 feet to expose tactite; 3 days on Prospect No. 4 removing overburden and cutting 200 feet trench to expose tactite; 4 days work to build road from Prospect No. 4 and Prospect No. 5 to Prospects 1 and 2; 4 days work removing overburden and trenching on Prospects No. 1 and 2; one days work making earthen dam on Ceder Creek for water supply.	1,500.00
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Supervision, 3 months, at $500 per month.	1,500.00
Blasting man, 3 months, at $350 per month to handle powder in building roads, also assist bulldozer operator in blasting the larger boulders in removing overburden and trenching. He also will be used during core drilling.	1,050.00
Powder, caps, and fuse.	300.00
Sampling and assaying - 100 assays at $7.50	750.00
2 common laborers, 3 months, $250 each per month to haul supplies, lay pipeline for water, build a dam, operate pump and wash ore body for sampling. Also will be used as general utility men during exploration.	1,500.00
Total cost of exploration	$ 20,400.00

#24 It will take approximately 90 days to complete the project after approval.

Applicant for exploration aid

S. B. Tyler
P. O. Box 1301
Tulare, California

P. S. On Prospect No. 1 the diamond drill holes should be drilled around the base of the knoll approximately 100 to 125 feet apart. Knoll is about 300 feet long and 150 feet wide. One center hole -- See sketch. On Prospect No. 2, holes should be drilled around this knoll which is approximately 200 feet in diameter. Holes to be about 150 feet apart. One center hole -- see sketch. On Prospect No. 5, by the drilling of five 100 foot holes the size of the tactite body could be determined. These holes should be drilled at about 50 - 75 foot intervals perpendicularly.--See sketch.

Oc[illegible]ber 9th, 1951
Subject: DMA 486X Tungsten
Ceder Creek Prospects
Tulare County, California

Section 12, T. 16 S., R. 27 E.
Tulare County, California.

Prospect # 1
Hole # 1 - 100 Ft. Down
Holes # 2,3,4,5,6,7, 75 ft. deep,
at 15 degrees down.

Prospect # 2
Holes # 8, & 9, 100 ft. down
Holes # 10,11,12, & 13, 75 ft. deep
at 15 degrees down.

Holes #2,3,4,5,6,7,10,11,12,13,
will be drilled at base of Knolls.

Prospect # 1

Prospect #2

Prospect 5 (under shack)

Vertical
~~-75'~~

Drilling program
revised to
include 5 - 100 ft.
vertical holes
at 50-75 ft. intervals

Vertical
~~-75'~~

Shack

~~-25°-Angle-~~
100'

Defense Minerals Exploration Administration

Review of Application for Exploration Assistance

Docket No. DMA 486X

Commodity Tungsten

Total Amount $21,400 as of Oct. 16, 1951

Govt. Participation 75%

1. Name and Address of Applicant S. B. Tyler
P.O. Box 1301
Tulare, California

2. Location of Property Sec. 12; T16S; R27E; M.D.B.&M.
Secs. 3 & 18; T16S; R28E; M.D.B.&M.

3. Mineral or metal Tungsten 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 No data, as required by Question 22, has been given.

c) None

d) Don't know—needs field examination Yes - Answer Question 22.

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
(question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future

productive period? No - The lease is for 2 years from Nov. 1, 1950.

*question numbers are those of MF-103

7. Are subordination agreements necessary? **Yes**

a) MF-201? _____

b) MF-202 **XX**

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

a) Available manpower **Not discussed.**

b) Equipment and supplies **None at hand, work to be done by contract.**
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* **Bad - Says there are no roads directly to the property.**

d) Water (question 13)* **XX**

e) Power (question 13)* **Says "None".**

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4) **(Answered under #6. of MF-100). No, applicant is businessman, does not name manager.**

Is a field check needed on this point? **Yes - Must agree to employ competent man.**

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

a) Is the project adequately described? **No**

If not, are there sufficient data given so that you can describe the project? **No** 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? **Yes**

If not, what part of it is? _____

Is this part a worth-while exploration project?_____

d) Are the cost estimates detailed? **Yes.**

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

e) Are the cost estimates reasonable? **Yes**

f) Should more information be requested from applicant? **Yes**

g) Is a field examination necessary to complete Exhibit A? **Yes**

11. Exhibit B (question 23-d)*

a) Is it applicable? **Yes**

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? **None required.**

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? **No**

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

a) Are there sufficient data? **Yes**

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? **Yes**

e) Is a field check needed? **No**

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Possibly, under the best of conditions.

(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? Yes - See attached sheet.

Reviewed by: Q. L. Brewer

Date Dec. 18, 1951

Review of Application for Exploration Assistance - DMA 486X - Re: Item 17

There have been two field examinations made of this property. The field team visited the property on June 14, 1951, and reported on it under date of June 22, 1951, including in this report a copy of a report made, by the same investigator, on July 14 and 15, 1950. The 1950 report is negatively written throughout; states that "until this road (a proposed USFS Access Road) is constructed, this property should not receive further consideration by the Bureau fo Mines", and makes no recommendations whatever as to prospecting or a program of development, although it is stated that "development should be confined to this area" (prospect No. 2).

The report of June, 1951, however, flatly states that, (referring to the July, 1950, report), "the Bureau Engineer recommended exploration by test pitting in his original report" - - - We have carefully read the July, 1950, report and cannot find any such recommendation.

Further, the 1951 report states, in conclusion, "The prospects are of sufficient interest to warrant a loan for the proposed work"---How can the same investigator advise in 1950 to give the property "no further consideration" and a year later recommend a loan?

Similarly in 1950, only "Prospect No. 2" was deemed worthy of development, yet in 1951, several "knolls or hills contain outcrops of milling grade material" and reference is made to Figure 1, which is a map, showing not one "prospect" but six places, numbered 1 to 6 --- and there is no explanation of this sudden enhancement in value.

Attached to the field team report is a supplement to form MF-103, April, 1951, originally filed May 22, 1951, in which question 23 and 23 are revised, as of October 16, 1951. These revisions are satisfactory.

There is no attempt, however, to furnish the data requested in question 22, in either of the two reports of the field team or by the applicant's original or supplementary application. The sketch supplied with the October 16, 1951, supplementary form MF-103 shows no scale; does not reflect the data contained in the July, 1950, report; and does not show any geological information whatever. Furthermore, the report of July, 1950, relates that the area covered by "prospect No. 1" is 150' x 300' (approximately one acre), that "prospect No. 2" is "similar", and although the size of "prospect No. 5" is not specified, it is intimated that of "ten or more tactite areas", "one of these is 250 feet in diameter" --- Hence, it appears that the field team is in favor of a $20,400.00 exploration project on 3 isolated tracts of one-acre each, with no statement whatever as to geological structure, continuity of mineralization, or other possible relation of one area to another.

It is also noted that the June, 1951, report states flatly --- "several hills or knolls contain sheelite-bearing outcrops of milling grade materials", following which is a statement that no prospecting has been done to determine the depth of the deposit, hence it is

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 foot depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 29, 1952

Mr. S. B. Tyler
P O Box 1301
Tulare, California

Re: Docket DMA 486X (Tungsten)
S. B. Tyler
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

We acknowledge your letter, dated July 13, and we have now been requested by the Washington Office of the Defense Minerals Exploration Administration to re-examine your property.

As I told you when you called long distance this morning just as I had started dictating this letter to you, Mr. Porter Irwin of the Geological Survey is planning to get in touch with you to make arrangements for re-examining your property on or about August 6.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Interior Building, Washington 25, D. C.
E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
AUG 4 1952

400

SD

FILE COPY
SURNAME:

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

Rutledge
Self
Stagg
Hodge
Turner
K Johnson

OCT 17 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. DMA 486X - Tungsten
S. B. Tyler
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

Reference is made to your letter of July 13, in which you state your reasons for not answering our letter of May 21, 1952, and inquire the reason for the delay by this Agency in passing on your application for exploration assistance.

According to our records the processing of your application has been held up per your request to Mr. Miller (letter dated February 27, 1952) that the Defense Minerals Exploration Administration hold your application open until further work was done on the new discovery that was made after the examination by our Field Team. To date, we have received no data to substantiate this discovery and, as far as we know, none has been submitted to Mr. Miller, Executive Officer, DMEA Field Team, Region III, as Mr. Miller requested in his letter to you of February 28, 1952.

As in any large organization, there is often an honest difference of opinion. In the case of your original exploration program, it was thought in Washington that the size and grade of the several targets did not warrant the proposed expenditures. It was for this reason that we requested a new examination by the Field Team, which was made by Mr. Irwin, for the purpose of obtaining additional information and possibly suggesting a revision to the proposed program of exploration for submission for our consideration.

Since the new discovery apparently would change your plans for the exploration of your property, we have requested Mr. Miller to contact you and facilitate the matter, including another Field Team examination, if necessary.

Please be advised that your application will be given prompt consideration on receipt of whatever information is furnished us by the Field Team.

Sincerely yours,

7/17

(signed) FRANK E. JOHNSON (fw)

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge:ls
7/16/52

cc: Docket
Admn. Read. File
Field Team, Reg. 3
Operating Committee
F. A. Rutledge
G. C. Selfridge
D. M. Lemmon, USGS
R. W. Geehan, USBM

FILE COPY
SURNAME:

Rutledge
Selfridge

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

JUL 17 1952

Mr. H. C. Miller
Executive Officer, DMEA Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMA 486X - Tungsten
S. B. Tyler
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Miller:

Reference is made to the subject docket. Though Mr. Tyler has not submitted any additional information, we are requesting that you contact Mr. Tyler and, if found desirable, make a re-examination of the property.

If the Field Team recommends an exploration program for our consideration, which should include costs, etc., please see that it is accompanied by the necessary executed "Consent to Lien" forms.

We would appreciate early action on this docket in order to close it.

Sincerely yours,

cc 7/17

George C. Selfridge

GCS

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

Approved:

J. H. Hedges

Member, Bureau of Mines (JHH)

T. P. Thayer

Member, Geological Survey (TPT)

FARutledge:ls 7/16/52

cc: Docket
Admn. Reading File
F. A. Rutledge
G. C. Selfridge
Field Team, Reg. 3
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

MF-

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

REFERRED TO: DATE 7-15-52

1. Code 400, Rm. 3538
2.
3.
4.

FOR:

- ---------- Action
- ---------- Approval
- ---------- Comment
- ---------- Conference
- ---------- Consideration
- ---------- Filing
- ---------- Instructions
- ---------- Investigation
- ---------- Initials
- ---------- Mailing
- ---------- Previous correspondence
- ---------- Recommendation
- ---------- Record of ----------
- ---------- Referring to ----------
- ---------- Reply for signature of ----------
- ---------- Rewriting
- ---------- Signature
- ---------- Suggestions
- ---------- Your information

REMARKS:

Check (X) before the items needing attention.

GPO 16—63815-1

ROBERT E. ADAMS
Initials of sender.

sd

5D

WILLIAM HANAWALT, JR.
EXALTED RULER

S. B. TYLER
SECRETARY

TULARE ELKS LODGE NO. 1424

124½ EAST KERN STREET
TULARE, CALIFORNIA

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 14 1952

July 13th, 1952

Mr. C. O. Mittendorf
Acting Administrator
D. M. E. A.
Washington 25 D. C.

Re. Docket No. 486X Tungsten
Ceder Creek Deposit.

Dear Mr. Mittendorf:

There are two reasons why I have not answered your letter of May 21st. The first is, during the latter part of May I hired a bulldozer and sent it in on the Ceder Creek propery to do some exploration work so I could hold my lease. I spent almost $ 1000.00 and uncovered 2 very good showings. However I did not have enough money to complete the necessary work. Now I am faced with the loss of loosing this work, if I can not get help from the Government.

I do not understand what the reason has been for the delay in passing on the application I submitted. Every one that has looked at the property feels it is good enough to explore. It appears to me you people in Washington do not care to help those of us that need help. If I had the money to go ahead and do the necessary exploration work, I would not ask for a cent. True enough, I am not a miner, or a mining engineer, but what I do have is leases on several pieces of property that have very good prospects of having large tungsten deposits, and I am only asking for help to uncover them without giving some large organization all of it for doing the exploration work.

The second reason for the delay was, I have just finished directing the final Olympic Decathlon Tryouts, here in Tulare, and have been rather busy for the last month. However I am now ready to either continue with the exploration work, or turn it over to some one else for development. Will you please let me know by return mail whether or not I can expect help from the Government.

Sincerely,
S. B. Tyler
S. B. Tyler
P. O. Box 1301
Tulare California

Docket 486

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 30, 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Subject: Docket DMA-486, Cedar Creek Tungsten Deposits, Tulare County, California

Dear Mr. Tyler:

Reference is made to a letter, dated May 21 to you from Mr. C. O. Wittendorf, Acting Administrator, Defense Minerals Exploration Administration. In that letter Mr. Wittendorf suggests that you withdraw your application and submit a new application, based upon new exposures made since you originally applied for a loan.

Correspondence in our files indicates that you have made a new discovery since Mr. W. P. Irwin of the U. S. Geological Survey examined your property. His report on your property, therefore, does not take the new discovery into consideration and another field trip may be desirable.

If you make a new application, kindly send the four copies of it to this office, so that we can determine what additional field work may be necessary before we send the application to Washington.

Very truly yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Washington, D. C. - Interior Building (2)
E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 - 1952

400

FILE COPY
SURNAME:

Selfridge

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

JUL 7 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. 486X - Tungsten
Ceder Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

To date a reply has not been received to my letter of May 21, 1952, suggesting that you either furnish us with information needed to process the subject application or that you withdraw it and later submit a new application giving current data on any new discovery on which you might wish exploration aid. In case at a future date you would file a new application, I can assure you that it would be expeditiously processed by this Administration.

We wish to cooperate in the matter of allowing you ample time to furnish essential data to support your application but if the information has not been received by August 1, 1952, we will assume you are no longer interested in continuing the application and will then remove it from our active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf (for) J.N. 7-7-52

Acting Administrator
Defense Minerals Exploration
Administration

LScott
7/3/52

CC: Docket
Admn. Reading File
Field Team, Reg. 3
G. C. Selfridge
R. W. Geehan, USBM
D. M. Lemmon, USGS

400

FILE COPY
SURNAME:

Rutledge
Selfridge

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

MAY 21 1952

Mr. S. B. Tyler
P.O. Box 1301
Tulare, California

Re: Docket No. 486X - Tungsten
Cedar Creek Tungsten Deposit
Bisconer Property
Tulare County, California

Dear Mr. Tyler:

Reference is made to your application for an exploration contract under the above docket. It has been noted from Mr. Miller's letter of February 28, 1952, to you that a new discovery has been made. Also that you have requested the Defense Minerals Exploration Administration to hold your application open pending additional work.

The present docket covering your original application of May 14, 1951, and several later revisions contains much complicating data. We believe it would be to everyone's interest if you withdrew your application by requesting Defense Minerals Exploration Administration to close the present docket. When sufficient prospecting on the new discovery has been completed, a new application can be submitted on new forms and reference made to material of interest in the present application.

We hope that you concur with us in the matter of closing this docket and wish to state that a new application will be given prompt consideration.

Sincerely yours,

cc
5-21-52

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge'lm
5/20/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III (2)
G. C. Selfridge
F. A. Rutledge

Jan 3, 1952 letter to Tyler confirming referral back to field

Jan 3, 1952 letter to Hon Clair Engle on status of docket in reply to numerous points, letters, and telephone conversation by Engle -

Jan 10, 1952 Docket returned by Graham

Feb. 28, 1952 Miller to Tyler in which he mentions examination by W. P. Irwin, U.S.G.S. New discovery and requests application be held until more work is done.

Miller had written Zyler on July 13, 1951 for breakdown on costs. Zyler made and kept appointment for August 30 with Miller, said he planned to amend application possibly eliminating deeper drilling.

Oct. 15, 1951 Memorandum from Miller covering Bureau of Mines report and also transmitting Mr. Zyler's supplement to form MF-103 with amended answers to questions 23 and 24. Stenzel cost attached

Nov. 6, 1951 Memo from T. P. Thayer, USGS. Negative on Bayne report and proposal. Request surface sampling and geologic mapping before any subsurface exploration

Reports by Bureau of Mines
Preliminary by Dengrove - No consideration
Second report by Dengrove + Theaton recommend project. Not consistent. No new information or maps.

Nov 21-51 Application before Operating Committee. Advisability of one drilling without more definite data of mineralization
Dec. 18, 1951 Docket revised by P.L. Brewer
Dec. 29, 1951 Application referred back to field for revision

Docket DMA-486X - Lungsten
Cedar Creek Lungsten Projects
Bisconer Property > Tulare County, California
Sec. 12, T 16S, R 27E, M.D.B.&M.
3 & 18 T.16S., R28E; S.B. Zyler
M.D.B.&M.

May 14, 1951 Original application
form 100 & 103

May 18, 1951 Assigned docket no. 486X

June 1, 1951 Referred to Field Team for examination

June 16, 1951 Notification by Zyler that Russell Zaengow and assistant, USBM, had made examination.

Sept 10, 1951 Letter to DMA Field Team asking for status of report.

Sept 17, 1951 Memo. from Executive Officer
Field Team. Cedar Creek Lungsten Projects examined:

July 14 & 15, 1950 by Russell R. Zaengow
June 14, 1951 by Zaengow & Sheaton

No reports attached. Miller received letter from Zyler with tracings of water drilling area projected. Revised cost estimate of $20,400 which showed increase of drilling from 1500 feet @ $4.00 to 1500 feet @ 6.00, Deleted $5,000.00 for truck access road through

Excerpt from "Region III DMEA Cases on Hand March 1, 1952, and Their Status", page 1

DMA 486X - S. B. Tyler

Applicant claims to have made no discovery, and examination of property will be withheld pending further developments.

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, California

February 28, 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Re: Docket DMA-486, Ceder Creek Tungsten
Deposits, Tulare County, California

Dear Mr. Tyler:

I acknowledge your letter of February 27, informing me that since Mr. William P. Irwin, geologist, U. S. Geological Survey, examined your Ceder Creek Tungsten Deposit on which you have made application for an exploration loan, you have made a new discovery and would like to have us hold your application open until further work is done on the new discovery.

We will therefore withhold sending Mr. Irwin's report to Washington until you complete the bulldozer work on the new deposit. Apparently the new discovery is a promising deposit if 12 feet wide, 200 feet long, averaging about one percent WO_3. If the deposit "stands up" after further work is done, kindly notify us of the results so that we can have Mr. Irwin examine the new exposure, and if warranted, prepare a new application for an exploration loan.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to DMEA, Washington, D. C.
E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

May reopen application.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

January 10, 1952

Memorandum

To: Mr. George Selfredge, D. M. E. A.

From: Robert W. Geehan, Bureau of Mines

Subject: Exploration Application - $20,400.
S. B. Tyler
P. O. Box 1301
Tulare, California

DMA 486-X
Tungsten

Subject application having been referred to Field for consideration and report, according to D.M.E.A. Operating Committee Minutes Number 12, I am returning docket of same without comment.

Robert W. Geehan

Robert W. Geehan

When memo. received in Reports & Records, no docket attached.
bl - 1/11/52

one copy returned for I-7A files

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

January 10, 1952

Memorandum

To: Mr. George Selfridge, D. M. E. A.

From: Robert W. Geehan, Bureau of Mines

DMA-486-X
TUNGSTEN

Subject: Exploration Application - $20,400.
S. E. Tyler
P. O. Box 1301
Tulare, California

Subject application having been referred to Field for consideration and report, according to D.M.E.A. Operating Committee Minutes Number 12, I am returning docket of same without comment.

Robert W. Geehan

CKatlin:elk

cc: Mr. Geehan
Mr. Katlin
Ferrous M&A
Files

Mr. Selfridge - 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

January 10, 1952

Memorandum

To: Mr. George Selfredge, D. M. E. A.

From: Robert W. Gechan, Bureau of Mines

Subject: Exploration Application - $20,400.
S. B. Tyler
P. O. Box 1301
Tulare, California

DMA 486-A
TUNGSTEN

Subject application having been referred to Field for consideration and report, according to D.M.E.A. Operating Committee Minutes Number 12, I am returning docket of same without comment.

Robert W. Gechan

CKatlin:elk

cc: Mr. Gechan
Mr. Katlin
Ferrous M&A
Files

Mr. Selfridge - 3

FILE COPY
SURNAME:

Mittendorf

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

JAN 3 - 1952

Hon. Clair Engle
House of Representatives
Washington 25, D. C.

Re: Docket No. BA 486 - Tungsten
Tulare County, California

Dear Mr. Engle:

This is in reply to your letter dated December 20, 1951, requesting information as to the status of the above captioned exploration application. As you will recall, we have discussed this case over the telephone both prior and subsequently to receiving the letter of December 20, and I advised you that Mr. Tyler's case was currently under consideration and that we were writing him further in the matter. A copy of our letter to Mr. Tyler is attached for your information.

Although I regret exceedingly the necessity for returning this docket to the Field for further geologic consideration, and the inescapable delays which will result, I personally feel that the action thus taken might lead to a more practical plan for the exploration of these deposits, which would benefit both Mr. Tyler and the Government.

I wish to assure you of my personal interest in the case and express my desire to bring it to a definite conclusion as quickly as possible.

Sincerely yours,

C. O. Mittendorf

Acting Administrator,
Defense Minerals Exploration
Administration

COMittendorf/gla
1-3-52
cc to: Adm. Reading File
Mails and Files 1-3-52 J.D.
Mr. Mittendorf
Mr. Selfridge
Region III (2)
Docket
Mr. Geehan
Mr. Lemmon

Clair Engle
2D DISTRICT, CALIFORNIA

HOME ADDRESS:
RED BLUFF, CALIFORNIA

OFFICE ADDRESS:
1033 HOUSE OFFICE BUILDING

Congress of the United States
House of Representatives
Washington, D. C.

CHAIRMAN
SUBCOMMITTEE:
Irrigation-Reclamation

COMMITTEES:
INTERIOR AND INSULAR AFFAIRS
PUBLIC LANDS
MINES AND MINING

3292

December 20, 1951

Mr. C. O. Mittendorf
Acting Administrator
Defense Mineral Administration
Room 2465
Interior Bldg.
Washington, D.C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 21 1951

Dear Mr. Mittendorf:

I am writing you in regard to the application of S. B. Tyler, of Tulare, California, being Application No. DMA 486X, for an exploration loan. This application, which I understand is for a 50-50 matching for an exploration project, is being held up for more information on core drilling.

Some months ago I checked into this matter and found out that DMA wanted to know where the holes were going to be drilled, how deep they were going to be drilled, and why they were going to be drilled where they were planned to be drilled. Furthermore, I understood that DMA was going to have one of their engineers, or one of the Bureau of Mines engineers, look the property over.

Now my comment on all that is this: I originally proposed and supported a matching fund exploration program because I thought it would be semi self-executing and self-policing. It is to be supposed that a man will not spend $5,000 of his own money wastefully, even though it is matched by $5,000 of the Government's money. In short, the guarantee of the merit and possibilities of the exploration project is the fact that the applicant is willing to put in dollar for dollar with the government. This should eliminate all the necessity, or a great part of the necessity, of having the property examined by engineers, the drilling outlined carefully by government engineers, etc. The trouble with that procedure is that we never get through the red tape.

Unless this mining exploration program is at least partially self-executing and self-policing, it is no good at all. We will be balled up as we have been before in interminable reams of red tape. I would like to have you let me know what is being done with this application and why we can't get some action on it.

Sincerely yours,

Clair Engle

CLAIR ENGLE, M.C.

cc:

P.S. This letter was dictated prior to my conversation, & embodies the same views I expressed to you then

FILE COPY
SURNAME: 400

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

Selfridge.

JAN 3 - 1952

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. DMA 486 - Tungsten
Tulare County, California

Dear Mr. Tyler:

This is in confirmation of your recent telephone conversation with Mr. George C. Selfridge of this office.

As told you, we had to refer the application back to the Field because of conflicting information and the lack of sufficient geological data to substantiate the proposed exploration. Instructions have been given to obtain specific types of information, if possible. This information may suggest some revision of the work as now proposed.

As soon as we hear from the Field, we shall complete the processing of your application as rapidly as possible.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator,
Defense Minerals Exploration
Administration.

GCSelfridge/hmj
12-29-51
cc to: Adm. Reading File
Mails and Files Br. 1-3-52 J.D.
Mr. Mittendorf
Mr. Geehan
Mr. Lemmon
Region III (2)
Docket

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

Mr Bachow surnamed. Original signed 12/28/51 HB

DEC 29 1951

Dear Sir:

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

Applicant J. B. Tyler

Docket No. 486 X

Commodity TUNGSTEN

Amount $20,400, (as of Supplement of Oct 16, 1951)

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

Sincerely yours,

C. O. Mittendorf

Chairman, Operating Committee
Defense Minerals Exploration
Administration

S.N. 12-29

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

Triplicate C

Defense Minerals Exploration Administration

Review of Application for Exploration Assistance

Docket No. DMA 486 X

Commodity Tungsten

Total Amount $21,400, as of Oct 16, 1951.-

Govt. Participation 75%

1. Name and Address of Applicant S. B. Tyler, P.O. Box 1301
Tulare, California

2. Location of Property Sec 12; T 16 S; R 27 E; M.D.B.&M.
Sec's 3 & 18; T 16 S; R 28 E; M.D.B.&M.

3. Mineral or metal Tungsten 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 x No data, as required by Question 22 has been given.

c) None

d) Don't know—needs field examination Yes - Answer Question 22

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
(question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future productive period? No - the lease is for 2 years from Nov 1.1950

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 X

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

a) Available manpower not discussed

b) Equipment and supplies None at hand, work to be done by contract
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Bad - says there are no roads directly to the property

d) Water (question 13)* X

e) Power (question 13)* Says "none"

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* (answered under #6 M.7100) -- No, applicant is businessman, does not name manager

Is a field check needed on this point? Yes - Must agree to employ competent mgr

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No 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? Yes

If not, what part of it is? _____

Is this part a worth-while exploration project?_____

d) Are the cost estimates detailed? Yes

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

e) Are the cost estimates reasonable? yes

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

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? None required

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? No

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

a) Are there sufficient data? yes

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? yes

e) Is a field check needed? No

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 feet depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951

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

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

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

Applicant S. B. Tyler

Docket No. 486X

Commodity Tungsten

Amount $20,400 (as of supplement of Oct. 16, 1951)

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

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

Defense Minerals Exploration Administration

Review of Application for Exploration Assistance

Docket No. DMA 486X

Commodity Tungsten

Total Amount $21,400 as of Oct. 16, 1951

Govt. Participation 75%

1. Name and Address of Applicant S. B. Tyler
P.O. Box 1301
Tulare, California

2. Location of Property Sec. 12; T16S; R27E; M.D.B.&M.
Secs. 3 & 18; T16S; R28E; M.D.B.&M.

3. Mineral or metal Tungsten 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 No data, as required by Question 22, has been given.

c) None

d) Don't know—needs field examination Yes - Answer Question 22.

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
(question 5, 6, 7)*

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

Does the lease have sufficient time to run to cover a future productive period? No - The lease is for 2 years from Nov. 1, 1950.

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 XX

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

a) Available manpower Not discussed.

b) Equipment and supplies None at hand, work to be done by contract.
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Bad - Says there are no roads directly to the property.

d) Water (question 13)* XX

e) Power (question 13)* Says "None".

Is a field check needed on any of these points? _____

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* (Answered under #6. of MF-100). No, applicant is businessman, does not name manager.

Is a field check needed on this point? Yes - Must agree to employ competent man.

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No 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? Yes

If not, what part of it is? _____

Is this part a worth-while exploration project?_____

d) Are the cost estimates detailed? **Yes.**

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

e) Are the cost estimates reasonable? **Yes**

f) Should more information be requested from applicant? **Yes**

g) Is a field examination necessary to complete Exhibit A? **Yes**

11. Exhibit B (question 23-d)*

a) Is it applicable? **Yes**

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? **None required.**

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? **No**

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

a) Are there sufficient data? **Yes**

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? **Yes**

e) Is a field check needed? **No**

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Possibly, under the best of conditions.

(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? Yes - See attached sheet.

Reviewed by: G. L. Brewer

Date Dec. 18, 1951

Review of Application for Exploration Assistance - DMA 486X - Re: Item 17

There have been two field examinations made of this property. The field team visited the property on June 14, 1951, and reported on it under date of June 22, 1951, including in this report a copy of a report made, by the same investigator, on July 14 and 15, 1950. The 1950 report is negatively written throughout; states that "until this road (a proposed USFS Access Road) is constructed, this property should not receive further consideration by the Bureau fo Mines", and makes no recommendations whatever as to prospecting or a program of development, although it is stated that "development should be confined to this area" (prospect No. 2).

The report of June, 1951, however, flatly states that, (referring to the July, 1950, report), "the Bureau Engineer recommended exploration by test pitting in his original report" - - - We have carefully read the July, 1950, report and cannot find any such recommendation.

Further, the 1951 report states, in conclusion, "The prospects are of sufficient interest to warrant a loan for the proposed work"---How can the same investigator advise in 1950 to give the property "no further consideration" and a year later recommend a loan?

Similarly in 1950, only "Prospect No. 2" was deemed worthy of development, yet in 1951, several "knolls or hills contain outcrops of milling grade material" and reference is made to Figure 1, which is a map, showing not one "prospect" but six places, numbered 1 to 6 --- and there is no explanation of this sudden enhancement in value.

Attached to the field team report is a supplement to form MF-103, April, 1951, originally filed May 22, 1951, in which question 23 and 24 are revised, as of October 16, 1951. These revisions are satisfactory.

There is no attempt, however, to furnish the data requested in question 22, in either of the two reports of the field team or by the applicant's original or supplementary application. The sketch supplied with the October 16, 1951, supplementary form MF-103 shows no scale; does not reflect the data contained in the July, 1950, report; and does not show any geological information whatever. Furthermore, the report of July, 1950, relates that the area covered by "prospect No. 1" is 150' x 300' (approximately one acre), that "prospect No. 2" is "similar", and although the size of "prospect No. 5" is not specified, it is intimated that of "ten or more tactite areas", "one of these is 250 feet in diameter" --- Hence, it appears that the field team is in favor of a $20,400.00 exploration project on 3 isolated tracts of one-acre each, with no statement whatever as to geological structure, continuity of mineralization, or other possible relation of one area to another.

It is also noted that the June, 1951, report states flatly --- "several hills or knolls contain sheelite-bearing outcrops of milling grade materials", following which is a statement that no prospecting has been done to determine the depth of the deposit, hence it is

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 foot depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951

Review of Application for Exploration Assistance - DMA 486X - Re: Item 17

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MF-103
Supplement to MF-103 dated Oct. 16, 1951

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Similarly in 1950, only "Prospect No. 2" was deemed worthy of development, yet in 1951, several "knolls or hills contain outcrops of milling grade material" and reference is made to Figure 1, which is a map, showing not one "prospect" but six places, numbered 1 to 6 --- and there is no explanation of this sudden enhancement in value.

Attached to the field team report is a supplement to form MF-103, April, 1951, originally filed May 22, 1951, in which question 23 and 24 are revised, as of October 16, 1951. These revisions are satisfactory.

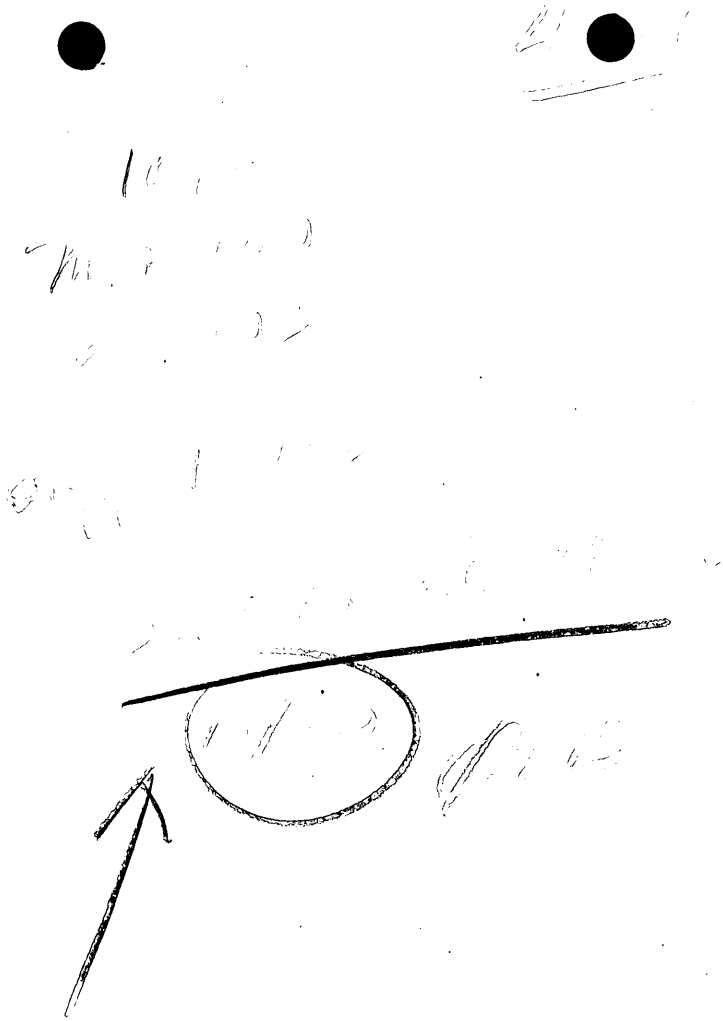
There is no attempt, however, to furnish the data requested in question 22, in either of the two reports of the field team or by the applicant's original or supplementary application. The sketch supplied with the October 16, 1951, supplementary form MF-103 shows no scale; does not reflect the data contained in the July, 1950, report; and does not show any geological information whatever. Furthermore, the report of July, 1950, relates that the area covered by "prospect No. 1" is 150' x 300' (approximately one acre), that "prospect No. 2" is "similar", and although the size of "prospect No. 5" is not specified, it is intimated that of "ten or more tactite areas", "one of these is 250 feet in diameter" --- Hence, it appears that the field team is in favor of a $20,400.00 exploration project on 3 isolated tracts of one-acre each, with no statement whatever as to geological structure, continuity of mineralization, or other possible relation of one area to another.

It is also noted that the June, 1951, report states flatly --- "several hills or knolls contain sheelite-bearing outcrops of milling grade materials", following which is a statement that no prospecting has been done to determine the depth of the deposit, hence it is

"impossible to estimate the ore reserves" --- So, in the succeeding sentence the field team makes an assumption as to depth and accomplishes the "impossible" by stating "a reserve of over 400,000 tons is anticipated" --- and all this on a basis of 6 "prospects" of an average of 50 foot depth, whereas the July, 1950, report states that only "prospect No. 2" was worth "development work", and further observed that an 8-foot test pit encountered decomposed granite.

Further review of this application will await a revised report from the field team, which should embody their recommendations as to an exploratory program, the costs thereof and which should contain geologic and other data sufficient to substantiate their findings.

Enclosures - MF-100
MF-103
Supplement to MF-103 dated Oct. 16, 1951



QIB - RI WIT to Steno } 1/18
+ Forms

(486)

12/18 -/51

, Tyler called from Visalia, to Selfridge

& was informed that his application would be

returned to Field team for more specific information.

Also he was advised to get a letter in re that his

leave would be held in good standing —

see supplementary data of Oct 16, 1951

DMA 4864

~~[illegible]~~

Abstract of Material in File 12/18

Date of Appl 5/18/51 $ 20,000

appl is lessee - + ungpatented 25% - 75%

MZ 100 - a 12 (a) desc ore dep - indicate deposit size radius of ½ mi -

6 - total shrings - length of exposure 200' x 150'

(b) Assays - mil to 1.49 WO3, largest sample

Select samples - 2.33

Pounded Cover 73.68 WO3 Mo 0.33 Bi As .019

18 - Roads - Inf temporary for Expl. work -

XX

MZ 103

15 no milling

~~18 Desc ore dep -~~

20 - what min + types of deposits in area? X

22 - see MZ-100

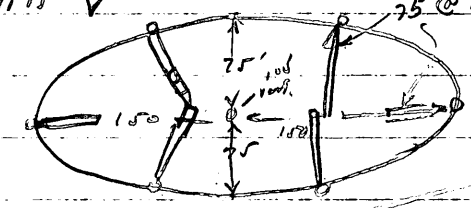
MZ 100 # 12a and MZ 103 April 1951 - # 22 both refer to a geologic description of the ore deposit, ~~upon which it is to be~~ which is to be expressed the factors leading the operator to expect to find a commercial ore body - This has not been done by the Applicant, and Both the 1950 Report + the 1951 report by the USBM

4864

dimensions
from 1950 US Bm Rept

Circumference est 720'±
use perimeter holes
75' @ 15° down

Prospect #1, or "Rightfill"



Prospect #2 no size given in 1950 Report

Prospect #5 no size given —

Mr. S. E. Tyler
P. O. Box 1301
Tulare, California

Re: Docket No. DMA 496 - Tungsten
Tulare County, California

Dear Mr. Tyler:

This is in confirmation of your recent telephone conversation with Mr. George S. Salfridge of this office.

As told you, we had to refer the application back to the Field because of conflicting information and the lack of sufficient geological data to substantiate the proposed exploration. Instructions have been given to obtain specific types of information, if possible. This information may suggest some revision of the work as now proposed.

As soon as we hear from the Field, we shall complete the processing of your application as rapidly as possible.

Sincerely yours,

C. O. Mittendorf,

Acting Administrator,
Defense Mineral Exploration
Administration.

GCSalfridge/maj
12-29-51

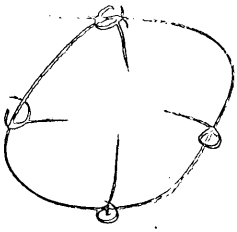
cc to: Adm. Reading File
Mails and Files Br.
Mr. Mittendorf
Mr. Seaman
Mr. Lemmon
Region III (2)
Docket

Rep. Clare Engle
wants report
on status
DMA 486 ✗

Tyler - WO_3 in
Tulare County, Calif

Says Tyler's lease
expires Dec 31, 1951
if work not started

Wants me to call back



C. O. Mittendorf, Administrator
Defense Minerals Exploration
Administration

1420137 Salaries and Expenses,
Defense Production Activities, Interior
1952, "100.0000 (400)"

November 21, 1951

S. S. TYLER
P. O. BOX 1301
TULARE, CALIF.

RETEL NOVEMBER 20 YOUR APPLICATION DOCKET DMA-486X NOW BEING GIVEN FURTHER CONSIDERATION STOP HOPE TO INFORM YOU AS TO DISPOSITION IN NEAR FUTURE.

ADMINISTRATOR
DEFENSE MINERALS EXPLORATION
ADMINISTRATION

EWEllis/jem
cc to: Adm. Reading File
Reports & Records
Docket
Mr. Thayer
Mr. Geehan
Mr. Ellis
Miller, Region III

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

(28)

1201

W. P. MARSHALL, PRESIDENT

SYMBOLS
DL=Day Letter
NL=Night Letter
LT=Int'l Letter Telegram
VLT=Int'l Victory Ltr.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

1951 NOV 20 PM 3 30

WP112 PD=TULARE CALIF 20 1111A=

TOM LYOM=

TRY INTERIOR DEPT DIRECTOR OF SUPPLY DIVISION DMA=

PLEASE TELEGRAPH DISPOSITION OF MY EXPIRATION APPLICATION DOCKET NUMBER 486X=

S B TYLER=

Inquiry

Domestic Ferro Alloys Br.

NOV 21 8 26 AM '51

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.

LYOM 486X=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DMA-486X Nov. 21-'51

Ans. Applicants' telegram of Nov. 20 today.

Called Tom Thayer & he said hold up action until he could bring this case before the commission.

Operating conditions field. He quites tions field & advise possibility request a core drilling of doing core drilling at this time.

1-Copy OED Fob

1-Copy Royal Rico

12/10 Tom Thayer taking this up with board today.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

13771

REFERENCE SLIP

MAR 4 1952

DATE

REFERRED TO:

1. Code 400
2.
3.
4.

FOR:

Action	Recommendation
Approval	Record of
Comment	Referring to
Conference	Ready for signature of
Consideration	Rewriting
Filing	Signature
Instructions	Suggestions
Investigation	Your informtion
Initials	
Mailing	
Previous correspondence	

REMARKS: For docket file

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initial of sender

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

C. O. Mittendorf, Administrator
Defense Minerals Exploration
Administration

1420137 Salaries and Expenses,
Defense Production Activities, Interior
1952, "100.0000 (400)"

November 21, 1951

F. L. TYLER
P. O. BOX 1301
MILAN, CALIF.

RATEL NOVEMBER 20 YOUR APPLICATION DOCKET DMA-485X NOW BEING GIVEN
FURTHER CONSIDERATION STOP HOPE TO INFORM YOU IN TO INFORMATION I
NEAR FUTURE.

FWEllis/jem
cc to: Adm. Reading File
Reports & Records
Docket
Mr. Thayer
Mr. Geehan
Mr. Ellis
Miller, Region III

ADMINISTRATOR
DEFENSE MINERALS EXPLORATION
ADMINISTRATION

FILE COPY
SURNAME:

Ellis
Mittendorf

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

C. O. Mittendorf, Administrator
Defense Minerals Exploration
Administration

1420137 Salaries and Expenses,
Defense Production Activities, Interior
1952, "100.0000 (400)"

November 21, 1951

S. B. TYLER
P. O. BOX 1301
TULARE, CALIF.

RETEL NOVEMBER 20 YOUR APPLICATION DOCKET DMA-486X NOW BEING GIVEN FURTHER CONSIDERATION STOP HOPE TO INFORM YOU AS TO DISPOSITION IN NEAR FUTURE.

C. O. Mittendorf (MCA)

ADMINISTRATOR
DEFENSE MINERALS EXPLORATION
ADMINISTRATION

EWEllis/jem
cc to: Adm. Reading File
Reports & Records
Docket
Mr. Thayer
Mr. Geehan
Mr. Ellis
Miller, Region III

BL

Form 6-95

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REFERENCE SLIP

DATE Dec. 10 - '51

REFERRED TO:

DMA-486X

1. Mr. Tom Thayer
2. (Room 5216
3. G.S. Bldg.)
4.

FOR:

- ..... Action
- ..... Approval
- ..... Comment
- ..... Conference
- ..... Consideration
- ..... Filing
- ..... Instructions
- ..... Investigation
- ..... Initials
- ..... Mailing
- ..... Previous correspondence
- ..... Recommendation
- ..... Record of .....
- ..... Referring to .....
- ..... Reply for signature of .....
- ..... Rewriting
- ..... Signature
- ..... Suggestions
- ..... Your information

REMARKS: In accordance with our phone conversation this date.

Check (X) before the items needing attention.

Initials of sender.

Rm. 4070

GPO 16—51162-1

October 26, 1951

S. B. Tyler

Subject: DMA 486X Tungsten
Cedar Creek Prospects
Tulare County, California

Supplement Form DM-103, dated May 14, 1951
#3 Revised.

Building temporary road - 1-3/4 miles from end of present road at top of Live Oak Pass to Prospect No. 5 (contract)	$ 1,000.00
15 days bulldozing at $100 per day (contract) removing overburden on Prospect No. 5 and trenching 150 feet to expose tactite; 3 days on Prospect No. 4 removing overburden and cutting 300 feet trench to expose tactite; 4 days work to build road from Prospect No. 4 and Prospect No. 5 to Prospects 2 and 3; 4 days work removing overburden and trenching on Prospects No. 1 and 2; one days work making earthen dam on Cedar Creek for water supply.	1,500.00
1500 feet core drilling at $8 per foot (contract).	12,000.00
Repairs to cabin on property - replace roof, floor and windows (Labor $150, material $150, Carpenter $20 per day).	500.00
Surveyor and helper for road building (contract).	300.00
Supervision, 3 months, at $500 per month.	1,500.00
Blasting man, 3 months, at $350 per month to handle powder for building roads, also assist bulldozer operator in blasting the larger boulders in removing overburden and trenching. He also will be used during core drilling.	1,050.00
Powder, caps, and fuse.	300.00
Sampling and assaying - 100 assays at $7.50	750.00
2 common laborers, 3 months, $250 each per month to haul supplies, lay pipeline for water, build a dam, operate pump and wash ore body for sampling. Also will be used as general utility men during exploration.	1,500.00
Total cost of exploration	$ 20,400.00

#4. It will take approximately 90 days to complete the project after approval.

Applicant for exploration aid

S. B. Tyler
P. O. Box 1301
Tulare, California

P. S. On Prospect No. 1 the diamond drill holes should be drilled around the base of the knoll approximately 100 to 125 feet apart. Knoll is about 300 feet long and 150 feet wide. One center hole -- See sketch. On Prospect No. 2, holes should be drilled around this knoll which is approximately 200 feet in diameter. Holes to be about 150 feet apart. One center hole -- see sketch. On Prospect No. 5, by the drilling of five 100 foot holes the size of the tactite body could be determined. These holes should be drilled at about 50 - 75 foot intervals perpendicularly -- See sketch.

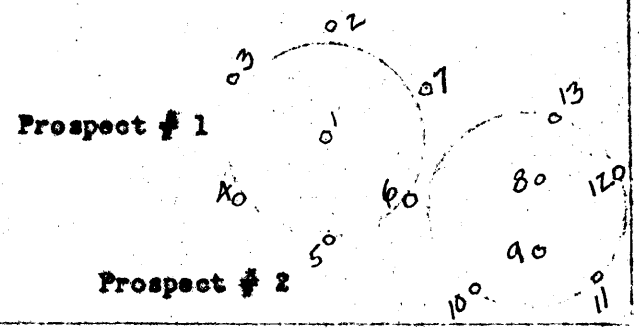
October 9th, 1951.
Subject : BMA 486X Tungsten
Cedar Creek Prospects
Tulare County, California

Section 12, T. 16 S., R. 27 E.
Tulare County, California

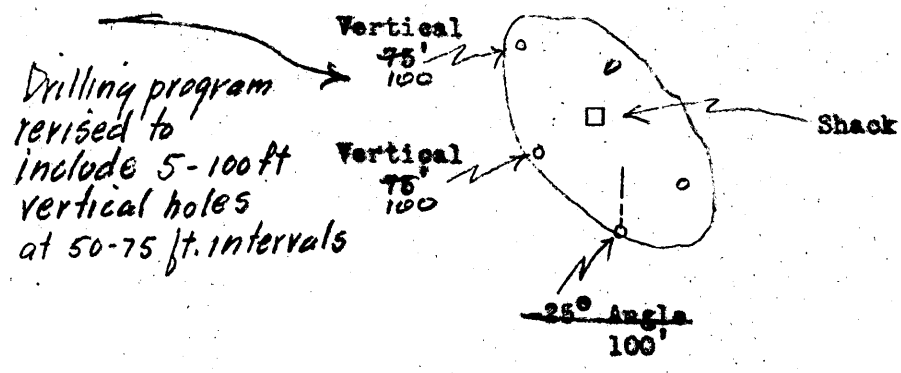
Prospect # 1
Hole # 1 - 100 Ft. Down
Holes # 2,3,4,5,6,7, 75 ft. deep,
at 15 degrees down.

Prospect # 2
Holes # 8, & 9, 100 ft. down
Holes # 10,11,12, & 13, 75 ft. deep,
at 15 degrees down.

Holes # 2,3,4,5,6,7,10,11,12,15,
will be drilled at base of Knolls.



Prospect 5 (under shack)



No Scale
No meridian

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

OCT 23 8 37 AM '51

Please return
to
Ernest M. Ellis
Room 4070

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DOCKET DMA-486X - Tungsten, Ceder Creek Tungsten Prospects

Tulare County, Calif.

Russell R. Trengove
Mining Engineer
Bureau of Mines

Benjamin H. Sheaham
Mining Engineer
Bureau of Mines

June 22, 1951

DOCKET DMA-486X - Tungsten

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

Re-examination of

CEDER CREEK TUNGSTEN PROSPECTS
Tulare County, Calif.

By Russell R. Trengove[1] and Benjamin H. Sheahan[2]

SUMMARY, CONCLUSIONS, and RECOMMENDATIONS

The Ceder Creek tungsten prospects were examined by an engineer[3] of the Bureau of Mines on July 14 and 15, 1950. No additional work of any importance has been done since that time. The property was re-examined on June 14, 1951 by Bureau engineers[4] accompanied by the owner, Raymond Bisconer and the lessee, S. B. Tyler, both of Tulare, Calif. This report supplements the original report made in 1950.

See following pages

The roads, proposed in the application for an exploration loan of $20,000, were examined and proposed project work discussed. The lessee plans to spend $1,000 to improve three miles of an old brush covered trail from point A (figure 1) to point B so as to enable him to get diamond drill equipment to the prospects. The Bureau engineer recommended exploration by test pitting in his original report. Project work by diamond drilling will expedite the work.

If diamond drilling discloses sufficient tungsten ore to justify milling, then the proposed road from point B (fig. 1) to point C will be constructed. The ore will then be hauled to the Tulare County

1/ Mining engineer, Mining Division, Region III, Bureau of Mines.
2/ Mining engineer, Mining Division, Region III, Bureau of Mines.
3/ Russell R. Trengove.
4/ Russell R. Trengove and Benjamin H. Sheahan.

Tungsten mill near Yokohl Valley, about 35 miles distant, until a mill can be constructed on the property.

Mr. Tyler, has agreed to employ only one supervisor until actual mining operations begin. He stated that he will welcome assistance by Bureau engineers in keeping exploration costs as low as possible.

Several hills or knolls (fig. 1) contain scheelite-bearing outcrops of milling grade material. No attempt has been made to date to ascertain the depth of the deposits, therefore, it is impossible to estimate the ore reserves. However, the surface indications on these possible tactite remnants are encouraging and should diamond drilling prove the ore to be continuous to a depth of 50 feet or more, a reserve of over 400,000 tons is anticipated. ~~If the ore reserves are found to be too small to be of interest, the proposed road from point B (fig. 1) to point C will not be constructed and the amount of the loan decreased by an estimated $5,000.~~ Well

The prospects are of sufficient interest to warrant a loan for the proposed work.

August 3, 1950

PRELIMINARY REPORT

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

Original Exam of - CEDER CREEK TUNGSTEN PROSPECTS
Tulare County, Calif.
By Russell R. Trengove[1]

SUMMARY

The Ceder Creek tungsten prospects were examined by an engineer[1] of the Bureau of Mines on July 14 and 15, 1950. It is on the west slope of the Sierra Nevada range, near the foothills, at an altitude of about 3,500 feet and about 12 miles north of Three Rivers, Calif.

Tungsten was discovered on the property in 1947 but with the exception of a few hand trenches and one test pit 8 feet in depth, nothing has been done on the property.

There are ten or more exposures of tactite areas. Some of these contain fair showings of scheelite. Six of these deposits are within a one-mile area.

A sample taken on what was considered the most favorable area, assayed 0.67% WO_3. In this area, outcrops on a knoll, cover an area of more than one acre. Decomposed granite was found at a depth of 8 feet in a test pit sunk near the border of the area. This may be just a small granite intrusive but until further test pitting proves this to be a fact, the deposits should be considered as small masses or roof pendants.

1/ Russell R. Trengove, Mining engineer, Mining Division, Region III, Bureau of Mines.

The property is difficult to reach; requiring 7 miles of horseback travel over mountainous terrain or 3½ miles of horsebock travel up a steep mountain slope. The Forest Service is contemplating the construction of a truck trail into this area for fire fighting purposes. Until this road is constructed, this property should not receive further consideration by the Bureau of Mines.

INTRODUCTION

The Ceder Creek tungsten prospects were examined by an engineer of the Bureau of Mines on July 14 and 15, 1950. It was brought to the attention of the bureau by the owner, Mr. Raymond Bisconer of Tulare, Calif. Accompanying the Bureau engineer on the examination were Mr. Bisconer, Sal Natoli and Dominick F. Lauricella of the Tulare County Tungsten Co., the discoverer John B. Cogdell and his prospector partner Leslie Dearman, both of Woodlake, Calif.

LOCATION AND PHYSICAL FEATURES

The Ceder deposits are on deeded land, (20,000 acres owned by Raymond Bisconer) north of Ceder Creek in sec. 18, T. 16 S., R. 28 E., and sec. 12, T. 16 S., R. 27 E., Tulare County, Tehipite Quadrangle, Calif.

The property was reached from the Bisconer ranch, which is situated five miles north of Three Rivers, Calif., by following a horse trail for 7 miles. An alternate route is to turn left from Highway 198 at the Kaweah River bridge. An improved road from the bridge follows the west side of Dry Creek for ten miles to the junction of Ceder Creek and Dry Creek. The prospects are 3½ miles by steep trail up Ceder Creek.

The topography of the area varies from steep mountain slopes to moderately rolling crests in the higher areas. The slopes are grass covered with occasional forests of live oak; the higher areas are very brushy. The elevations of the prospects are between 2,000 and 3,000 feet.

The winters are mild with rainfall plentiful during the winter months. Cedar Creek has been dry during the summer the last few years but it has been reported that there are several small springs in the vicinity.

PROPERTY AND OWNERSHIP

The Cedar Creek prospects are on deeded agricultural land owned by Raymond Bisconer, Tulare, Calif., who stated that a title search revealed no restrictions on mineral rights. The mineralization was discovered in 1947 by John B. Cogdell, Woodlake, Calif.

GEOLOGY AND DESCRIPTION OF THE DEPOSITS

The geology of the Cedar Creek prospects is similar to most scheelite deposits on the western slope of the Sierra Nevada's. They are contact metamorphic deposits found adjacent to granite and limestone. Tactite consists mainly of garnet, epidote, quartz, and calcite.

Because of the heavy cover of top soil, the extent of the Cedar Creek prospects is not evident. There are ten or more tactite areas. One of these bodies is 250 feet in diameter.

Prospect No. 1

This prospect, the "Big Hill", is a rounded knoll about 300 feet long and 150 feet wide, about one mile southwest of the shack. The tactite outcrops at various spots and it is possible that they are separate bodies. Three of the best showings assayed 0.58% WO_3. Traces

of scheelite and also a few spuds could be seen on other outcrops.

Prospect No. 2 no dimensions given, acreage, feet, or what?

This is a knoll similar to No. 1 prospect and situated about one-fourth mile east of No. 1. The top of the entire knoll is scheelite-bearing green quartz. This prospect is known locally as the "Dream Hole Prospect". One test pit near the end of the exposed tactite area was sunk 8 feet and decomposed granite was found. Three trenches were dug in this area. One trench, 16 feet long, assayed 0.90% WO_3. A sample of scheelite-bearing green quartz taken by the Bureau engineer from ore in place assayed 0.67% WO_3. Most of the outcrops in the vicinity showed scheelite mineralization varying from finely disseminated scheelite to spuds or crystals up to 1/2-inch size. One hand sample from one of the trenches is said to have assayed 2.33% WO_3.

Prospect No. 3

This prospect, about a mile east of No. 1 and 2, has tactite outcrops in three places over a distance of 150 feet. No scheelite could be seen with the ultra violet lamp.

Prospect No. 4

This prospect is in a meadow about 200 yards south of No. 3. There are two tactite outcrops about 150 feet apart. A trench exposed finely disseminated scheelite with the lamp. A sample from these two exposures assayed 0.36% WO_3.

Prospect No. 5

The excavation for a cellar, under the only shack in the area, which was built in 1873, disclosed a large number of huge scheelite-bearing boulders along the 30 foot trench. These assayed 1.49% WO_3.

A small showing of what appeared to be tactite in place was seen in a shallow trench 15 feet north of the shack. The predominate mineral in the tactite is tremolite. Occasionally scheelite spuds up to 1/2-inch size can be seen in the finely disseminated scheelite.

Prospect No. 6

Tactite outcrops occur along a ridge 200 feet long and situated east of the shack. Surface showings are not encouraging.

CONCLUSIONS

Prospect No. 2 appears to be the most favorable according to the grade of the ore and the extent of mineralization on the surface. Development work should be confined to this area. One discouraging feature is the presence of decomposed granite in the bottom of the test pit. This may be a small local granite intrusive but until additional test pitting proves this to be a fact, the deposits should be considered as small masses or roof pendants.

The Forest Service is contemplating the construction of a truck trail into this area for fire fighting purposes. Until this road is constructed, this property should not receive further consideration by the Bureau of Mines.

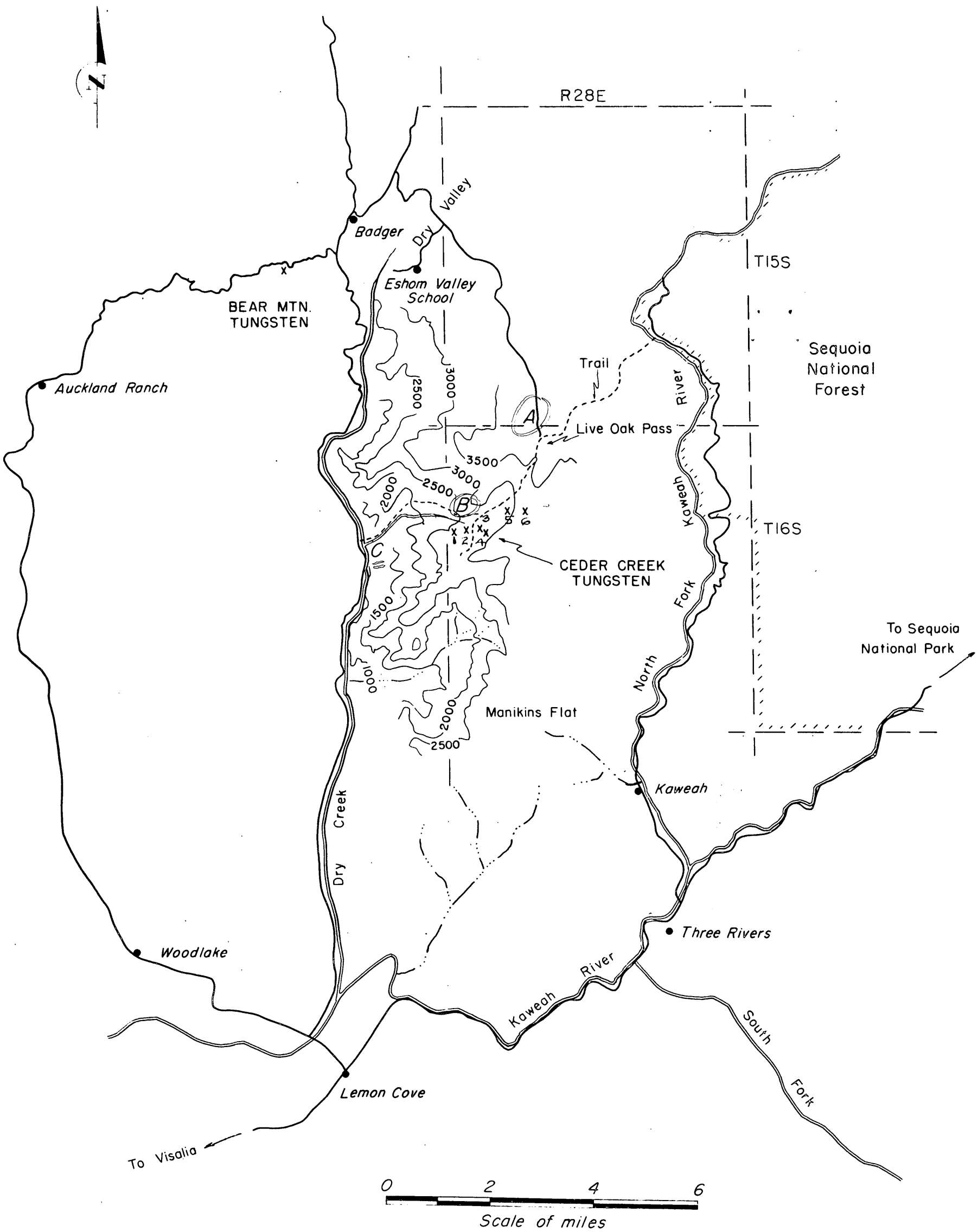


Figure 1 - Location map, Ceder Creek tungsten prospect, Tulare County, California

Dma-486X

MINING LEASE

THIS LEASE, Made and entered into this 1st day of November, 1950, by and between RAYMOND BISCONER and BERNICE BISCONER, husband and wife, the parties of the first part, hereinafter called the lessors, and S. B. TYLER, the party of the second part, hereinafter called the lessee,

WITNESSETH:

That the lessors, for and in consideration of the royalties to be paid by the lessee, as hereinafter specified, and the performance by the lessee of the terms, covenants and conditions of this lease on the part of the lessee to be kept and performed, do by these presents demise, lease and let unto said lessee, for the purpose of prospecting, mining, extracting minerals therefrom and milling ores, that certain real property situate in the County of Tulare, State of California, described as follows, to-wit:

Section Twelve (12), Township Sixteen (16) South, Range Range Twenty-one ~~(21)~~ 27 East, MDB&M and Section Eighteen (18) and Three (3), Township Sixteen (16) South, Range Eighteen ~~(18)~~ 28 East, MDB&M.

Range numbers changed in accordance with Applies. letter May 21-51. Eut.

TO HAVE AND TO HOLD the said premises for the purposes stated for a term of two (2) years from the date hereof and for so long thereafter as the then operating mine or mines may be profitably worked and so long as the terms, covenants and conditions of this lease are performed by the lessee, yielding and paying therefor to the lessors, at Tulare, California, a gross royalty of Five per cent (5%) of all minerals, metals and metallic substances mined, milled or extracted by the lessee from the above described real property during the term of this lease.

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

The lessee, in consideration of the premises, does hereby covenant, contract and agree to and with the lessors as follows:

1. To use his best efforts in obtaining the services of the United States Bureau of Mines to core drill that portion of the real property above described on which it appears, at this time, that tungsten may be profitably mined.

1A. The lessee agrees that within the calendar year 1951 to do sufficient work such as road construction, core drilling, trenching or stripping so as to determine the extent of the mineral deposit on said leased premises. Failure of lessee to do said work justifies the lessors to terminate this lease.

2. Following the work of core drilling, trenching or stripping upon said premises, providing that it shall then appear economical and profitable to mine said property, to enter upon said leased premises and to work the same in mine fashion in a manner necessary to good and economical mining, to the end that the greatest amount of ore shall be taken out, with due regard to the development and preservation of the mine or mining premises as a workable mining property.

3. To work and mind said premises steadily and continuously during the period of this lease after once starting such mining operations, unless it shall appear that further mining shall be unprofitable. Should the lessee, after once starting said mining operations, determine that such mining be unprofitable and shall discontinue mining said premises, then and in such event, the lessee agrees to a cancellation of this lease and the return of the property to the lessors.

4. To commit no waste upon said premises, or upon the mine that may be developed thereon, and to suffer no waste to be committed thereon or thereto; to leave in said mine or mines such permanent supports as may be installed by the lessee to

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

prevent the caving or subsidence of the mine or surface of the property. When it shall be necessary to timber said mine, the lessee agrees to do so and to use timber of sufficient size for safety and permanent mining.

5. To allow the lessors or their agents from time to time to enter upon and descend into all parts of said leased premises, for the purpose of inspecting, surveys or taking samples therefrom, and to render to said lessors proper assistance in making such inspections, surveys or examinations. In this connection, the lessee covenants and agrees to furnish and supply the lessors any mill records, chemist's records or assay records or any records in connection with the minerals extracted from the premises leased herein, upon request.

6. The lessee covenants and agrees to pay to the lessors, a gross royalty of Five per cent (5%) of all minerals, metals or mineral products produced or extracted by the lessee from the property leased herein. Any and all royalties are to be paid by the lessee to the lessors by mailing the same to the address of the lessors at Tulare, California, and by paying the same on or before the 15th day of each and every month for all of the ore values, produced and sold during the preceding calendar month. Said lessee further agrees to furnish the lessors a monthly statement showing all minerals, metals or mineral products mined, extracted and sold from the above described property by the lessee during the preceding calendar month and the amount received from the sale of the same.

7. The lessee shall and hereby does assume all responsibility in case of accident, to himself or any of his servants, agents, or employees in or about the said property, or the use of any part thereof or any machinery or equipment thereon. In this connection, the lessee covenants and agrees to obtain Workmen's Compensation Insurance covering any employees

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

employed by him and to comply with any and all State and Federal laws and the county ordinances in his use, occupation and operation of the property described herein.

8. The lessee covenants and agrees to pay promptly when and as due, all bills and expenses incurred by him in connection with his use, occupation, and operation of the premises, to pay for all labor performed and materials used in and about said mining property, which shall be at the sole cost and expense of the lessee; said lessors shall be under no obligation whatsoever in respect thereto, and said lessee agrees to save the property and said lessors harmless against any liens or claims on account of labor performed or materials furnished or used on said property, and to post and keep posted on the said property in the manner required by law such notices of non-responsibility to be supplied by lessors, to the effect that the property is being operated under lease and that neither the property nor the owners are liable for any indebtedness or claims for labor, materials, or merchandise furnished or performed upon said property during the term of this option and lease.

9. The lessee covenants and agrees to pay when due all personal property taxes levied and assessed against said personal property, machinery, or equipment located upon the above described real property by the lessee, and in addition thereto, to pay any increase in the taxes on the real property herein described caused by the development of any mine or mines, upon said real property or the development of any ore, minerals, or metals on said property.

10. In the event the lessee fails to perform any of the terms, covenants or conditions of this lease, the lessors shall give the lessee written notice by registered mail of said defect and the lessee shall have thirty (30) days from and after mailing of said notice by registered mail to the lessee to correct

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

said default and to put said lease in good standing. Any notice to be given by the lessors to the lessee may be given and the same shall be effective under the terms of this agreement by sending the same by registered mail addressed to the lessee at Tulare, California, and the lessee may at any time by written notice by registered mail notify the lessors of the change of the place of giving notice, and after such written notice by registered mail to the lessors, said lessors shall send all notices intended to the lessee at the address which may be so indicated.

11. Lessee may terminate this lease at any time and be relieved of all further liability hereunder by the delivery to lessors of a quitclaim deed sufficient to clear the title of said property from the cloud of this lease and the payment to lessors of any sum then due and payable from royalty on ores and other minerals produced and sold. The lessee shall deliver to the lessors quiet and peaceable possession of said premises in good order and condition, ready for immediate and continued work without demand or notice, except as hereinabove provided. In such event, the lessee may remove any buildings or improvements on the surface of the land and all machinery and tools which may be placed upon said premises by the lessee, within thirty (30) days after the termination of said lease, providing all obligations for payments and all royalty payments to lessors under the terms of this lease have been paid.

12. The lessee further covenants and agrees that upon the termination of this lease for any reason whatsoever, to deliver to the lessors a quitclaim deed conveying to the lessors all of the right, title and interest of the lessee or any assignee or sublessee and that upon the termination of this lease, that the title to said property shall not be clouded or in any way encumbered by reason of this lease or any act or acts of the lessee or his assignees or sublessees. In the event it becomes necessary for

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

the lessors to institute an action to clear their title to their property by reason of any failure or default on the part of the lessee under the terms of this lease, that the said lessee will pay a reasonable attorney's fee to be set by the Court in which said action is tried in addition to other costs and disbursements allowed by law.

13. The lessee covenants and agrees that he will protect the cattle of the lessors grazing upon the above described real property and that this lease shall in no way effect the grazing rights or surface rights of the lessors, other than where it is necessary to open the property to extract minerals, and that the lessee will, where necessary, fence off any excavations or openings which may be dangerous to the cattle of the lessors. In this connection it is specifically understood and agreed that the lessee may use any water on the above described real property in connection with his mining or milling operations, provided that the lessee shall leave sufficient water for the use of lessors'or other cattle grazing upon said premises.

14. The lessors agree that the lessee shall have a right of way or an easement to the above described real property for a roadway for the purpose of hauling equipment to said property and hauling ores away from said property, together with a right of way for an electric power line, ditch or road, provided the lessee properly installs gates and guards for the protection of the cattle of the lessors.

Time is of the essence of this agreement, and each and every clause of this indenture and all of the covenants and conditions herein expressed or implied shall extend to the successors, heirs, executors, administrators and assigns of all the parties hereto.

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

IN WITNESS WHEREOF, the parties hereunto have executed this agreement, in duplicate, the day and year first above written.

Raymond Bisconer

Bernice Bisconer

S. B. Tyler

GEORGE A. MORAN
ATTORNEY AT LAW
TULARE, CALIF.

October 16, 1951

S. B. Tyler

Subject: [illegible] Tungsten
Cedar Creek Prospects
Tulare County, California

Supplement Form [illegible], dated May 14, 1951
#3 Revised.

Building temporary road - 1-3/4 miles from end of present road at top of Live Oak Peak to Prospect No. 5 (contract) $ 1,800.00

15 days bulldozing at $100 per day (contract) removing overburden on Prospect No. 5 and bulldozing 150 feet to expose bedrock; 5 days on Prospect No. 4 removing overburden and bulldozing 200 feet through to expose bedrock; 4 days work to build road from Prospect No. 4 and Prospect No. 5 to Prospects 1 and 2; 4 days work removing overburden and bulldozing on Prospects No. 1 and 2; one day work making surface dam on Cedar Creek for water supply. 1,900.00

1500 feet core drilling at $8 per foot (contract). 12,000.00

Repairs to cabin on property - replace roof, floor and windows (Labor $150, material $350, Carpenter $20 per day). $500.00

Surveyor and helper for road building (contract). 300.00

Supervision, 3 months, at $500 per month. 1,500.00

Blasting man, 3 months, at $350 per month to handle powder in building roads, also assist bulldozer operator in blasting the larger boulders in removing overburden and trenching. He also will be used during core drilling. 1,050.00

Powder, caps, and fuse. 300.00

Sampling and assaying - 100 assays at $7.50 750.00

4 common laborers, 3 months, $250 each per month to haul supplies, lay pipeline for water, build a dam, operate pump and wash ore body for sampling. Also will be used in general utility and during exploration. 1,500.00

Total cost of exploration $ 20,400.00

7th. It will take approximately 90 days to complete the project after approval.

Applicant for exploration aid

S. B. Tyler
P. O. Box 1301
Tulare, California

P. S. On Prospect No. 1 the diamond drill holes should be drilled around the base of the knoll approximately 100 to 125 feet apart. Knoll is about 300 feet long and 150 feet wide. One center hole -- See Sketch. On Prospect No. 2, holes should be drilled around this knoll which is approximately 200 feet in diameter. Holes to be about 150 feet apart. One center hole -- see Sketch. On Prospect No. 5, by the drilling of five 100 foot holes the size of the tactite body could be determined. These holes should be drilled at about 50 - 75 foot intervals perpendicularly -- See Sketch.

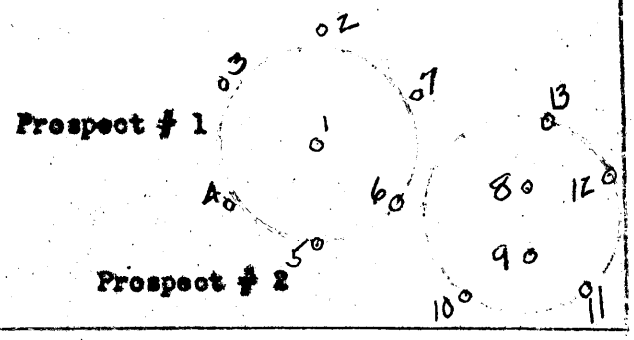
October 9th, 1951
Subject : DMA 486X Tungsten
Cedar Creek Prospects
Tulare County, California

Section 12, T. 16 S., R. 27 E.
Tulare County, California

Prospect # 1
Hole # 1 - 100 Ft. Down
Holes # 2,3,4,5,6,7, 75 ft. deep, at 15 degrees down.

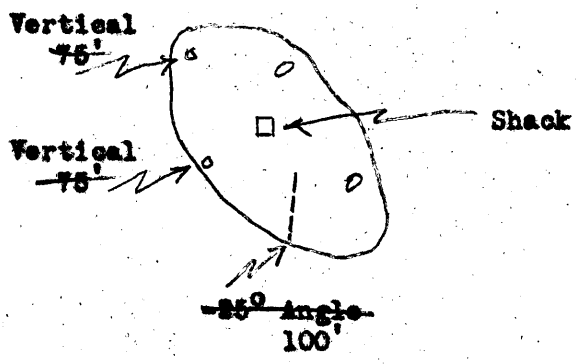
Prospect # 2
Holes # 8, & 9, 100 ft. down
Holes # 10,11,12, & 13, 75 ft. deep, at 15 degrees down.

Holes # 2,3,4,5,6,7,10,11,12,13, will be drilled at base of Knolls.



Prospect 5 (under shack)

Drilling program revised to include 5-100' holes at 50-75' intervals



STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George B. Holderer DATE: November 6, 1951

FROM : T. P. Thayer Thayer

SUBJECT: Ceder Creek tungsten. DMA 486-X

The field report lacks any useful map, and contains statements such as "a large number of huge scheelite-bearing boulders along the 30 foot trench", which do not inspire confidence in its accuracy.

Never before have I seen diamond drilling in circles suggested for tungsten exploration. Before diamond drilling is undertaken, some real surface trenching, sampling, and geologic mapping is needed to provide a realistic basis for subsurface exploration.

UNITED STATES
DEPARTMENT OF THE INTERIOR

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

1415 APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
OCT 23 8 37 AM '51
~~BUREAU OF MINES~~ REGION III
OCT 23 1951

Read by Mr. Sheehan

October 15, 1951

Memorandum

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

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-486X Tungsten - Ceder Creek Tungsten Prospects, Tulare County, California.

Reference is made to your subject letter dated June 1, requesting a report and other information on applicant's property. The property was examined on June 14, 1951 by Russell R. Trengove and Benjamin H. Sheahan, Bureau of Mines engineers, and four copies of their report, "Docket DMA-486X Tungsten, Ceder Creek Tungsten Prospects, Tulare County, California", dated June 22, 1951, are attached.

The examining engineers believe there are sufficient showings of tungsten to warrant doing some diamond drilling and bulldozing to determine the extent of the deposits. The report indicates that the surface indications on tactite remnants are encouraging and that there is a possibility of proving a substantial tonnage of tungsten ore in the area.

The delay in getting the report and requested information to you has been due entirely to the applicant, Mr. S. B. Tyler, with whom we have been in constant touch attempting to get his recommended program and costs in shape to submit to you.

Mr. Tyler has called at the office on two occasions and by means of considerable correspondence in between his visits and after the last one, we believe we have pinned his program down to something tangible with concrete costs.

There are attached four copies of his supplement to form MF-103 with amended answers to questions 23 and 24. Four copies of itemized costs also are attached.

The docket is being returned herewith.

H. C. Miller
Executive Officer, DMA Field Team
Region III

Attachments

SEP 18 1951
Recd by Mr. Holderer

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~BUREAU OF MINES~~
~~REGION III~~
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
SEP 17 11 04 AM '51

OFFICE OF
~~REGIONAL DIRECTOR~~
Executive Officer
DMA Field Team
Region III

1012 FLOOD BUILDING
870 MARKET STREET
SAN FRANCISCO 2, CALIFORNIA

Sept. 12, 1951

OFFICIAL FILE COPY

210	348	9/17/51

Memorandum

To: George B. Holderer, Chief, Tungsten Branch, DMA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: DMA-486X Tungsten
S. B. Tyler, Cedar Creek Tungsten Prospects, Tulare County, Calif.

Your letter of September 10 inquiring about the ~~status of~~ the field report of subject application is acknowledged.

The Cedar Creek Tungsten Prospects were examined by Russell R. Trengove, of the Bureau of Mines, on July 14 and 15, 1950; they were re-examined by Trengove and Benjamin H. Sheahan, Mining Engineers, Bureau of Mines, on June 14, 1951, and their report, dated June 22, 1951, has been in this office since June 28.

Mr. Tyler's original application asked for funds to explore his prospects #1, 2, 3, 4, 5, and 6. Trengove and Sheahan found that prospect #3 "appears to be the most favorable according to the grade of the ore and the extent of mineralization on the surface," although prospects #1 and #2 had some possibilities.

On the strength of what the engineers told Mr. Tyler during the examination of his prospects, he wrote me on July 12 that he was sending me "maps showing the locations of the three different prospects on which I (he) am asking for the exploration work to be done. Also the location and depth of the different holes to be drilled." With this letter he enclosed a revised cost sheet giving the estimated cost of the work as $20,400.

In an effort to get his cost estimate into the shape we knew it had to be in order to receive consideration in Washington, I wrote Mr. Tyler on July 13 for a breakdown of some of his items and clarification of others. Nothing further was heard from Mr. Tyler until late in August when he called me long distance for an appointment in this office. He came to the office on August 30, at which time he told me

that he planned to amend his application, possibly eliminating diamond drilling (a $12,000 item) and to substitute some other method of exploration. To date nothing further had been received from him at this office. I will, however, drop him a line and find out what he plans to do. As soon as I have any further information regarding his plans, I will communicate with you again.

H. C. Miller
Executive Officer, DMA Field Team
Region III

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

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market St.
San Francisco, California

In reply please refer to:
DMA-486X Tungsten

Dear Mr. Miller:

The above docket was forwarded to you on June 1, 1951 for a field appraisal. We have a letter dated June 16, 1951 from the applicant, Mr. S. B. Tyler, stating two of your engineers had visited him.

What is the status of the field report?

Very truly yours,

George B. Holderer

George B. Holderer, Chief
Tungsten Branch

T.J.Ballard:jh
9/10/51
cc: DMA Docket File
Adm. Reading File
Mr. Holderer

FILE COPY
SURNAME:

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

Holderer

a. E. e.

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market St.
San Francisco, California

SEP 10 1951

In reply please refer to:
DMA-486X Tungsten

Dear Mr. Miller:

The above docket was forwarded to you on June 1, 1951 for a field appraisal. We have a letter dated June 16, 1951 from the applicant, Mr. S. B. Tyler, stating two of your engineers had visited him.

What is the status of the field report?

Very truly yours,

BJ 9/10

George B. Holderer

George B. Holderer, Chief
Tungsten Branch

T.J.Ballard:jh
9/10/51
cc: DMA Docket File
Adm. Reading File
Mr. Holderer

Mr. Holdeard

JACK SHERMAN
EXALTED RULER

S. B. TYLER
SECRETARY

TULARE ELKS LODGE NO. 1424

124½ EAST KERN STREET
TULARE, CALIFORNIA

Air Mail

June 16th, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 9 1951
LANDON F. STROBEL
Executive Secretary

Mr. Tom Lyon, Director,
Supply Division, D.M.A.
Department Of The Interior
Washington 25 D. C.

Re: Docket DMA-486X-Tungsten

Dear Mr. Lyon:

On thursday, June 14th, Mr. Russell Trengove, together with his assistant, from the Bureau of Mines, Reno Nevada, called on me, and we discussed at length my application for an exploration loan.

First let me say the time spent in checking the property with Mr. Trengove, was most enjoyable, and he is a very courteous representative of the Bureau, and his suggestions in outlining procedures were very valuable.

In discussing the cost of exploration, Mr. Trengove pointed out that it should not be necessary to hire a supervisor, as the engineer on the job could handle both ends of the project. this is quite agreeable. As a matter of fact, the $ 20,000. cost is based on the possibility of proving the ore body, and building the additional access road to haul out ore and to take in supplies to operate the mine. I am well aware of the fact after the ore body is proven, the Government loan will have to be paid back, and it is to my financial interest to keep the cost down as low as possible. This I assure you I will watch very carefully.

Trusting that Mr. Trengove's report will be satisfactory and sufficent to warrent the loan, I am,

Sincerely Yours,

S. B. Tyler

S. B. Tyler
P. O. Box 1301
Tulare California

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE JUN 18 1951

REFERRED TO:
1. M. Holland
2.
3.
4.

Rm. 3624

FOR:

____ Action	____ Recommendation
____ Approval	____ Record of ____
____ Comment	____ Referring to ____
____ Conference	X Reply for signature of ____
____ Consideration	____ Rewriting
____ Filing	____ Signature
____ Instructions	____ Suggestions
____ Investigation	____ Your information
____ Initials	
____ Mailing	
____ Previous correspondence	

REMARKS: JUN 19 1951 mem

Check (X) before the items needing attention.

LANDON F. STROBEL
Initials of sender.

GPO 16—63815-1

FILE COPY
SURNAME:

Lemmon
Bradley
Gurhan

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

File Mailed To

JUN 1 1951

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1415 Appraisers Building
San Francisco, California

Subject: DMA 486 X - Tungsten

Dear Mr. Miller:

Mr. S. B. Tyler, for many months a clamorous applicant for a Bureau of Mines project, is now a client of DMA, and has requested a $20,000 exploration project, toward which he will contribute $5,000.

Tyler holds by lease the Bisconer property, secs. 12 and 18, T. 16 S., R. 28 E., Tulare County, California, about 15 miles northeast from Lemon Cove. He proposes exploration by bulldozing and diamond drilling, but does not submit maps or a detailed statement of his intentions. His itemized list of costs seems overpadded with supervision, but does not include cost of assays.

We are referring this proposal to you for recommendation. Possibly you can reach a decision on the basis of a former examination by an engineer of the Bureau of Mines.

Enclosed is the complete docket, composed of the completed forms MF-100 and MF-103.

Yours very truly,

Tom Lyon

Tom Lyon
Chairman, Coordinating Committee

Enclosure

DMLemmon:gt

5/28/51

Lowell B. Moon
For the Bureau of Mines

Olaf N. Rove
For the Geological Survey

Copies to: Surname
Dr. Boyd
Mr. Strobel
Mr. Bradley
Mr. Moon
Mr. Lemmon, GSA Bldg., 5216
Field Team

DMA 486

Bureau 5604

Granted 6/1/51

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1415 Appraisers Building
San Francisco, California

Subject: DMA 486 X - Tungsten

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Wrong location see Applic's letter of May 21-57 Elk

We are referring this proposal to you for recommendation. Possibly you can reach a decision on the basis of a former examination by an engineer of the Bureau of Mines.

Enclosed is the complete docket, composed of the completed forms MF-100 and MF-103.

Yours very truly,

Tom Lyon
Chairman, Coordinating Committee

Enclosure

DMLemmon:gt

5/28/51

Copies to: Surname
Dr. Boyd
Mr. Strobel
Mr. Bradley
Mr. Moon
Mr. Lemmon, GSA Bldg., 5216
Field Team

Lowell B. Moon
For the Bureau of Mines

Olof M. Rove
For the Geological Survey

a. g. p -

JUN 1 1951

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1415 Appraisers Building
San Francisco, California

Subject: DMA 486 I - Tungsten

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Enclosed is the complete docket, composed of the completed forms MF-100 and MF-103.

Yours very truly,

Tom Lyon

Tom Lyon
Chairman, Coordinating Committee

Enclosure

Copies to: Surname
Dr. Boyd
Mr. Strobel
Mr. Bradley
Mr. Moon
Mr. Lemmon, GSA Bldg., 5216
Field Team

DMLemmon:gt

5/28/51

Lowell B. Moon
For the Bureau of Mines

Olaf N. Rove
For the Geological Survey

JUN 1 1951

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

In reply please refer to DMA-486 X Tungsten

Dear Mr. Tyler:

Your application for an exploration project costing $20,000, in which you will participate to the extent of $5,000, has been referred for recommendation to Mr. N. C. Miller, Executive Officer, DMA Field Team, Region III, 1415 Appraisers Building, San Francisco, California.

It is probable that an engineer or geologist representing Mr. Miller will wish to consult with you in the near future.

Yours very truly,

Tom Lyon
Director, Supply Division

DMLemmon:gt

5/28/51

Copies to: Surname
Dr.Boyd
Mr.Strebel
Mr.Bradley
Mr.Moon
Mr.Lemmon, GSA Bldg., 5214
Field Team

FILE CONTENT TO FIELD TEAM

DMA-486-X Tungsten
Mr. S. B. Tyler
Tulare, California

Property: Bisconer property
Tulare County, California

(1) forms MF-100

(1) forms MF-103

letter from applicant to Bradley

May 29, 1951

sent to Coord. Comm.
5-31-51

Mr. R. C. Miller, Executive Officer
DMA Field Team, Region III
1415 Appraisers Building
San Francisco, California

Subject: DMA 486 X - Tungsten

Dear Mr. Miller:

Mr. G. B. Tyler, for many months a claimsman applicant for a Bureau of Mines project, is now a client of DMA, and has requested a $20,000 exploration project, toward which he will contribute $5,000.

Tyler holds by lease the Bissemer property, secs. 12 and 16, T. 16 S., R. 28 E., Tulare County, California, about 15 miles northeast from Lemon Cove. He proposes exploration by bulldozing and diamond drilling, but does not submit maps or a detailed statement of his intentions. His itemized list of costs seems overpadded with supervision, but does not include cost of assays.

We are referring this proposal to you for recommendation. Possibly you can reach a decision on the basis of a former examination by an engineer of the Bureau of Mines.

Enclosed is the complete dossier, composed of the completed forms MF-100 and MF-103.

Yours very truly,

Tom Lyon
Chairman, Coordinating Committee

Enclosure

Copies to: Surname
Dr. Boyd
Mr. Strobel
Mr. Bradley
Mr. Moon
Mr. Lemmon, GSA Bldg., 5216
Field Team

TMLemmon:gt

5/28/51

For the Bureau of Mines

For the Geological Survey

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

In reply please refer to DMA-486 X Tungsten

Dear Mr. Tyler:

Your application for an exploration project costing $20,000, in which you will participate to the extent of $5,000, has been referred for recommendation to Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1415 Appraisers Building, San Francisco, California.

It is probable that an engineer or geologist representing Mr. Miller will wish to consult with you in the near future.

Yours very truly,

Tom Lyon
Director, Supply Division

DMLemmon:gt

5/28/51

Copies to: Surname
Dr.Boyd
Mr.Strobel
Mr.Bradley
Mr.Moon
Mr.Lemmon, GSA Bldg., 5214
Field Team

FILE CONTENT TO FIELD TEAM

DMA-486-X Tungsten
Mr. S. B. Tyler
Tulare, California

Property: Bisconer property
Tulare County, California

(1) forms MF-100

(1) forms MF-103

letter from applicant to Bradley

May 29, 1951

May 23, 1951

Mr. S. B. Tyler
Box 1301
Tulare, California

Subject: DMA-486X
Re: Exploration Loan

My dear Mr. Tyler:

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-486X and was referred to Mr. P. H. Bradley, Chief, Tungsten Branch on May 21, 1951.

In any future correspondence relating to your application, kindly refer to DMA-486X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:mab
cc: Strobel-2
Files
Bradley
Lyon

JACK SHERMAN
EXALTED RULER

S. B. TYLER
SECRETARY

TULARE ELKS LODGE NO. 1424

124½ EAST KERN STREET
TULARE, CALIFORNIA

May 21st, 1951

Mr. P. R. Bradley, Jr.
Chief, Tungsten Branch, D. M. A.
U. S. Department Of The Interior
Washington 25 D. C.

Dear Mr. Bradley:

To-day I received your letter of the 16th, with application blanks # MF-103 enclosed, for which I thank you very much.

Recently I received a set of forms MF-103 and MF-100 from Mr. Miller in San Francisco, and on May 14th I completed them according to instructions on sheet MO-5. and air~~ed~~ mailed them to The Department Of the Interior, Washington, and also inclosed a copy of the lease I have on the property.

Since sending this in, I find the description of the property under lease was copyed wrong. The correct description is as follows :

Section 12, Township 16, South, Range 27, East, Tulare Co. Calif.
Section 18, Township 16, South, Range 28, East, Tulare Co. Calif.

If it is necessary to fill out another set of forms to make the above correction, please let me know, as I am very anxious to get the project under way.

Very Truly Yours,

S. B. Tyler

S. B. Tyler
P. O. Box 1301
Tulare California

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 25 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

Lemmon
Brady
Kuhn
Boyd
Moon

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

JUN 1 1951

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

In reply please refer to DMA-486 X Tungsten

Dear Mr. Tyler:

Your application for an exploration project costing $20,000, in which you will participate to the extent of $5,000, has been referred for recommendation to Mr. H. C. Miller, Executive Officer, DMA Field Team, Region III, 1415 Appraisers Building, San Francisco, California.

It is probable that an engineer or geologist representing Mr. Miller will wish to consult with you in the near future.

Yours very truly,

Tom Lyon
Director, Supply Division

DMLemmon:gt

5/28/51

Copies to: Surname
Dr.Boyd
Mr.Strobel
Mr.Bradley
Mr.Moon
Mr.Lemmon, GSA Bldg., 5214
Field Team

FILE COPY
SURNAME:

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

May 23, 1951

Mr. S. B. Tyler
Box 1301
Tulare, California

Subject: DMA-486X
Re: Exploration Loan

My dear Mr. Tyler:

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-486X and was referred to Mr. P. R. Bradley, Chief, Tungsten Branch on May 21, 1951.

In any future correspondence relating to your application, kindly refer to DMA-486X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:mab
cc: Strobel-2
Files
Bradley
Lyon

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-486X

Date received 5/18/51

Participation

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th 1951

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $ 20,000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 15 miles north east
Lemon Cove, Tulare Co. California

Date of filing MF-100 May 14th, 1951

DMA Docket Number, if available Dma-486X

INSTRUCTIONS

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

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners.

*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? Lessee

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. Attached, 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)? $ 5,000.00 25% of estimated cost

*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 S. B. Tyler
(Signature of authorized official)

May 14, 1951
(Date)

(Title)

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

*Same as footnote on page 1.

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

Form MF-103 Continued

10. A- Cattle range- no existing mines
    B. Sections, 12& 18- Township 16S-Range 28 - Tulare Co. California
11. Cedar Creek
12. Answered on MF- 100
13. Answered on MF- 100
14. None
15. Ore could be trucked to mill 35 miles distance
16. A- Answered on MF- 100
    B- Answered on MF- 100
    C- Answered on MF- 100
17. - New exploration
18. - Does not apply
19. - Answered on MF- 100
20. - Tungsten
21.- Work of road building, bulldozing, and core drilling project to take approximatly 90 days
22. - Answered on MF. - 100
23.-

Building temporary road	$ 1,000.00
15 days bulldozing @ $ 100.00 Per day (Contract)	1,500.00
1500 feet core drilling @ 4.00 per ft. (contract)	6,000.00
Temporary living quarters (repairs to cabin near property	500.00
Surveyor and helper (road building)	300.00
Supervisor, 3 months @ $ 500.00 per mo.	1,500.00
Engineer, 3 months @ $ 500.00 per mo.	1,500.00
Blasting man, 3 months @ $ 350.00 per mo.	1,050.00
Powder	300.00
1 common laboror 3 months @ $ 225.00 per mo.	675.00
1 common laboror 3 months $ 225.00 per mo.	675.00
Building additional access road for trucking out ore if exploration work uncevers sufficent amount of ore to mine and mill	5,000.00
Total cost of exploration	$20,000.00

24.- It will take approximately 120 days to complete the entire project, after approval.

Application for Exploration Aid

S. B. Tyler
P. O. Box 1301
Tulare California

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-486X

Date received 5/18/51

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessary certificate pursuant to section 124(a) of the Internal Revenue Code (Depreciation of Defense Facilities)~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

5

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....

   If not in production or operation, estimated date when production will begin .....
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a). Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form MF-100

1. A- Tungsten
   B. None
2. None
   A. - None
   B. - None
   C. - None
   D. - None
3. A.- Approximately 15 miles North East of Lemon Cove, Tulare Co, Calif.
   B. - Do not know
   C.- Sections 12 & 18, Township 16S, Range 28, Tulare Co. California
4. A. - Not operated
   B. - Lessee
5.- New discovery
6.- A- 25 years buisness experence of applicant
   B. - Managing operator has had 8 years experence mining and milling tungsten
7. -A.- Recent discovery. hand surface work only has been done by owner of property, lessee, and inspecting Engineers, for the purpose of sampling ore.
   B.- Tungsten mine approximately 10 miles from above property, has produced more than $ 500,000.00 in the last 6 years.
   C.- Property was inspected by Mr. John Emerson, Chief Engineer, U.S. Vanidum Co. Pine Creek, Bishop California. Mr. Trengrove, U.S.Bureau Mines, Reno Nevada, office. Mr. Dave Baker, formley with U. S. Bureau of Mines. All of these men were of the opinion the property should be futher explored and core drilled.

8.- Does not apply
9.- Does not apply
10.- No production. New project
11.- Does not apply
12.- A.- Surface showings indicate deposit over a radius of 1½ miles. 6 definate tactite showings. largest exposurer, 200 ft. X 150 ft.
   B.- Sampling and assays by engineers, Nil to 1.49 Wo3- Phos. 0.007 Select sample from surface, 2.33 WO3. Panned concentrate WO3 73.48 Mo. 0.33, Arsenic, 0.019
13.- There are no roads directly to the property
14.- Cedar creek runs through the property, which will furnish sufficent water the year round.
15.- None
16.- Does not apply
17.- A.- No equipment or facilities on the property
18.- A temporary road of approximately 2 miles will have to be built to take in equipment to do exploration work. If ore body of sufficent size is proven, an access road will have to be built of approximately 5 miles long.

Application for Exploration

S. B. Tyler
P. O. Box 1301
Tulare California

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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 S. B. Tyler
(Signature of authorized official)

May 14. 1951
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

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-486X

Date received 5/18/51

Participation

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th 1951

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $ 20,000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 15 miles north east
Lemon Cove, Tulare Co. California

Date of filing MF-100 May 14th, 1951

DMA Docket Number, if available Dma-486X

INSTRUCTIONS

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

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners.

*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? Lessee

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. Attached. 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)? $ 5,000.00 25% of estimated cost

*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.

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*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.

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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.

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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.

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(Name of company)

By (Signature of authorized official)

May 14, 1951
(Date)

(Title)

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*Same as footnote on page 1.

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

Form MF-103 Continued

10. A- Cattle range- no existing mines
    B. Sections, 12& 18- Township 16S-Range 28 - Tulare Co. California
11. Cedar Creek
12. Answered on MF- 100
13. Answered on MF- 100
14. None
15. Ore could be trucked to mill 35 miles distance
16. A- Answered on MF- 100
    B- Answered on MF- 100
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17. - New exploration
18. - Does not apply
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Supervisor, 3 months @ $ 500.00 per mo.	1,500.00
Engineer, 3 months @ $ 500.00 per mo.	1,500.00
Blasting man, 3 months @ $ 350.00 per mo.	1,050.00
Powder	300.00
1 common laboror 3 months @ $ 225.00 per mo.	675.00
1 common laboror 3 months $ 225.00 per mo.	675.00
Building additional access road for trucking out ore if exploration work undevers sufficent amount of ore to mine and mill	5,000.00
Total cost of exploration	$20,000.00

24.- It will take approximately 120 days to complete the entire project, after approval.

Application for Exploration Aid

S. B. Tyler
P. O. Box 1301
Tulare California

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-486X

Date received 5/18/51

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Certificate pursuant to the provisions of Sec. 124 of the Act~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

5 GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form MF-100

1. A- Tungsten
   B- None
2. None
   A. - None
   B. - None
   C. - None
   D. - None
3. A.- Approximately 15 miles North East of Lemon Cove, Tulare Co, Calif.
   B. - Do not know
   C.- Sections 12 & 18, Township 16S, Range 28, Tulare Co. California
4. A. - Not operated
   B. - Lessee
5.- New discovery
6.- A- 25 years buisness experence of applicant
   B. - Managing operator has had 8 years experence mining and milling tungsten
7. -A.- Recent discovery. hand surface work only has been done by owner of property, lessee, and inspecting Engineers, for the purpose of sampling ore.
   B.- Tungsten mine approximately 10 miles from above property, has produced more than $ 500,000.00 in the last 6 years.
   C.- Property was inspected by Mr. John Emerson, Chief Engineer, U.S. Vanidum Co. Pine Creek, Bishop California. Mr. Trengrove, U.S.Bureau Mines, Reno Nevada, office. Mr. Dave Baker, formley with U. S. Bureau of Mines. All of these men were of the opinion the property should be futher explored and core drilled.

8.- Does not apply
9.- Does not apply
10.- No production. New project
11.- Does not apply
12.- A.- Surface showings indicate deposit over a radius of 1½ miles. 6 definate tactite showings. largest exposurer, 200 ft. X 150 ft.
   B.- Sampling and assays by engineers, Nil to 1.49 Wo3- Phos. 0.007 Select sample from surface, 2.33 WO3. Panned concentrate WO3 73.48 Mo. 0.33, Arsenic, 0.019
13.- There are no roads directly to the property
14.- Cedar creek runs through the property, which will furnish sufficent water the year round.
15.- None
16.- Does not apply
17.- A.- No equipment or facilities on the property
18.- A temporary road of approximately 2 miles will have to be built to take in equipment to do exploration work. If ore body of sufficent size is proven, an access road will have to be built of approximately 5 miles long.

Application for Exploration

S. B. Tyler
P. O. Box 1301
Tulare California

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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 S. B. Tyler
(Signature of authorized official)

May 14 - 1951
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

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

May 16, 1951

Mr. S. B. Tyler
P. O. Box 1301
Tulare, California

Dear Mr. Tyler:

Pursuant to your letter dated May 3, 1951, we are enclosing five copies of form MF-103 and a copy of the explanation sheet MO-5.

The application forms should be filed in quadruplicate with Dr. James Boyd, Administrator, Defense Minerals Administration, Department of Interior, Washington 25, D. C. The questions Nos. 1-24 on the application should be answered and attached to each application form.

Very truly yours,

P. R. Bradley, Jr.

P. R. Bradley, Jr.
Chief, Tungsten Branch

Enclosure

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Bradley
Files

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

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

OCT 23 8 37 AM '51

DO NOT FILL IN THIS BLOCK

Docket No. Dma-486X

Date received 5/18/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 4 1951
SAN FRANCISCO, CALIFORNIA

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th 1951

FILL IN THIS BLOCK

Date of application May 14th, 1951

Estimated cost $ 20,000.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine 15 miles north east
Lemon Cove, Tulare Co. California

Date of filing MF-100 May 14th, 1951

DMA Docket Number, if available Dma-486X

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual
*2. If a partnership, state names and addresses of partners.
*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? Lessee
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. Attached. 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)? $ 5,000.00 25% of estimated cost

*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 S. B. Tyler
(Signature of authorized official)

May 14, 1951
(Date)

(Title)

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

*Same as footnote on page 1.

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

Form MF-103 Continue

sec 12, T.16S., R.27E.
sec 18, T.16S., R.28E.
(Corrected in letter May 21, by Tyler)

10. A- Cattle range- no existing mines
    B. Sections, 12& 18- Township 16S-Range 28 - Tulare Co. California
11. Cedar Creek
12. Answered on MF- 100
13. Answered on MF- 100
14. None
15. Ore could be trucked to mill 35 miles distance
16. A- Answered on MF- 100
    B- Answered on MF- 100
    C- Answered on MF- 100
17. - New exploration
18. - Does not apply
19. - Answered on MF- 100
20. - Tungsten
21. - Work of road building, bulldozing, and core drilling project to take approximatly 90 days
22. - Answered on MF. - 100
23. -

Building temporary road	$ 1,000.00
15 days bulldozing @ $ 100.00 Per day (Contract)	1,500.00
1500 feet core drilling @ 4.00 per ft. (contract)	6,000.00
Temporary living quarters (repairs to cabin near property	500.00
Surveyor and helper (road building)	300.00
Supervisor, 3 months @ $ 500.00 per mo.	1,500.00
Engineer, 3 months @ $ 500.00 per mo.	1,500.00
Blasting man, 3 months @ $ 350.00 per mo.	1,050.00
Powder	300.00
1 common laboror 3 months @ $ 225.00 per mo.	675.00
1 common laboror 3 months $ 225.00 per mo.	675.00
Building additional access road for trucking out ore if exproration work uncovers sufficent amount of ore to mine and mill	5,000.00 out
Total cost of exploration	$20,000.00

24. - It will take approximately 120 days to complete the entire project, after approval.

Application for Exploration Aid

S. B. Tyler
P. O. Box 1301
Tulare California

Form MF-100
(March 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. Dma-486X

Date received 5/18/51

S. B. Tyler
P. O. Box 1301
Tulare California

Name and address of applicant

Date May 14th, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) ~~Necessity Cer- [illegible] zation Deduction) of Internal Revenue Code 1950,~~ (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (~~6~~ 5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   ☐ Owner.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production ____________
   If not in production or operation, estimated date when production will begin ____________
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form MF-100

1. A- Tungsten
   B- None
2. None
   A. - None
   B. - None
   C. - None
   D. - None
3. A.- Approximately 15 miles North East of Lemon Cove, Tulare Co, Calif.
   B. - Do not know
   C.- Sections 12 & 18, Township 16S, Range 28, Tulare Co. California
4. A. - Not operated
   B. - Lessee
5.- New discovery
6.- A- 25 years buisness experence of applicant
   B. - Managing operator has had 8 years experence mining and milling tungsten
7. -A.- Recent discovery. hand surface work only has been done by owner of property, lessee, and inspecting Engineers, for the purpose of sampling ore.
   B.- Tungsten mine approximately 10 miles from above property, has produced more than $ 500,000.00 in the last 6 years.
   C.- Property was inspected by Mr. John Emerson, Chief Engineer, U.S. Vanidum Co. Pine Creek, Bishop California. Mr. Trengrove, U.S.Bureau Mines, Reno Nevada, office. Mr. Dave Baker, formley with U. S. Bureau of Mines. All of these men were of the opinion the property should be futher explored and core drilled.

8.- Does not apply
9.- Does not apply
10.- No production. New project
11.- Does not apply
12.- A.- Surface showings indicate deposit over a radius of 1½ miles. 6 definate tactite showings. largest exposurer, 200 ft. X 150 ft.
   B.- Sampling and assays by engineers, Nil to 1.49 Wo3- Phos. 0.007 Select sample from surface, 2.33 WO3. Panned concentrate WO3 73.48 Mo. 0.33, Arsenic, 0.019
13.- There are no roads directly to the property
14.- Cedar creek runs through the property, which will furnish sufficent water the year round.
15.- None
16.- Does not apply
17.- A.- No equipment or facilities on the property
18.- A temporary road of approximately 2 miles will have to be built to take in equipment to do exploration work. If ore body of sufficent size is proven, an access road will have to be built of approximately 5 miles long.

Application for Exploration

S. B. Tyler
P. O. Box 1301
Tulare California

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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 S. B. Tyler
(Signature of authorized official)

May 14, 1951
(Date)

(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

October 16, 1951

S. B. Tyler

Subject: IMA LOCK Tungsten
Cedar Creek Prospects
Tulare County, California

Supplement Form MF-103, dated May 14, 1951
Fill Revised.

Building temporary road - 1-3/4 miles from end of present road at top of Live Oak Pass to Prospect No. 5 (contract)	$ 1,000.00
15 days bulldozing at $100 per day (contract) removing overburden on Prospect No. 5 and trenching 150 feet to expose tungsten; 3 days on Prospect No. 4 removing overburden and cutting 200 foot trench to expose tungsten; 4 days work to build road from Prospect No. 4 and Prospect No. 5 to Prospects 1 and 2; 4 days work removing overburden and trenching on Prospects No. 1 and 2; one days work making earthen dam on Cedar Creek for water supply.	1,500.00
1500 feet core drilling at $8 per foot (contract).	12,000.00
Repairs to cabin on property - replace roof, floor and windows (Labor $350, material $150, Carpenter $20 per day).	500.00
Surveyor and helper for road building (contract).	300.00
Supervision, 3 months, at $500 per month.	1,500.00
Blasting man, 3 months, at $350 per month to handle powder in building roads, also assist bulldozer operator in blasting the larger boulders in removing overburden and trenching. He also will be used during core drilling.	1,050.00
Powder, caps, and fuse.	300.00
Sampling and assaying - 100 assays at $7.50	750.00
2 common laborers, 3 months, $250 each per month to haul supplies, lay pipeline for water, build a dam, operate pump and wash ore back for sampling. Also will be used as general utility men during exploration.	1,500.00
Total cost of exploration	$ 20,400.00

Note: It will take approximately 90 days to complete the project after approval.

October 24, 1956

Mr. Joseph [illegible]
Water Commissioner
Tulare County, California

Supplement to No. 12-[illegible], dated May 31, 1956
(Mr. [illegible])

Building temporary road - 1-3/4 miles here and 1 mile
road at top of hill for [illegible] to Precinct No. 2 (continued) [illegible]

32 days bulldozing at $100 per day (continued) [illegible]
[illegible] on Precinct No. 2 and furnishing 300 [illegible] to
[illegible] 3 days on [illegible] No. 2 [illegible] over-
[illegible] are making 300 [illegible] to [illegible] to [illegible]
[illegible] work to build road [illegible] Precinct No. 2 and
[illegible] No. 5 to Precinct 1 and [illegible] work to-
moving [illegible] on [illegible] at [illegible] No. 1 and [illegible]
[illegible] day work [illegible] on [illegible] for [illegible]
water supply.

[illegible]

300 [illegible] cost building [illegible] (continued).

[illegible]

Paid to [illegible] property - [illegible] road, [illegible] and
[illegible] (Labor $300, material [illegible]), [illegible] 320 [illegible]
day).

[illegible]

[illegible] and [illegible] [illegible] building (continued).

[illegible]

Supervision, 3 months, at $320 per month.

[illegible]

Hauling [illegible], 2 months, at $320 per month to handle [illegible]
in building roads, also [illegible] bulldozer operator [illegible]
[illegible] for larger [illegible] in [illegible], [illegible] and
[illegible]. It is also will be used [illegible] [illegible]

[illegible]

[illegible], [illegible], and [illegible].

[illegible]

Supplies and equipment - 100 [illegible] at $7.50.

[illegible]

2 [illegible] 2 [illegible], 3 months, $320 each per month to [illegible]
supplies, [illegible] for [illegible], [illegible] [illegible]
[illegible] and [illegible] for [illegible]. [illegible] will be used
[illegible] [illegible] [illegible] [illegible].

[illegible]

Total cost of operation [illegible] $ 20,000.00

(Mr. [illegible] 22 [illegible] approximately 20 days to complete [illegible]
[illegible] [illegible].

Applicant for exploration aid

S. R. Tyler
P. O. Box 1307
Tulare, California

P. S. On Prospect No. 1 the diamond drill holes should be drilled around the base of the knoll approximately 100 to 125 feet apart. Knoll is about 300 feet long and 150 feet wide. One center hole -- See sketch. On Prospect No. 2, holes should be drilled around this knoll which is approximately 300 feet in diameter. Holes to be about 150 feet apart. One center hole -- see sketch. On Prospect No. 3, by the drilling of five 100 foot holes the size of the tenative body could be determined. These holes should be drilled at about 50 - 75 foot intervals perpendicularly -- See sketch.

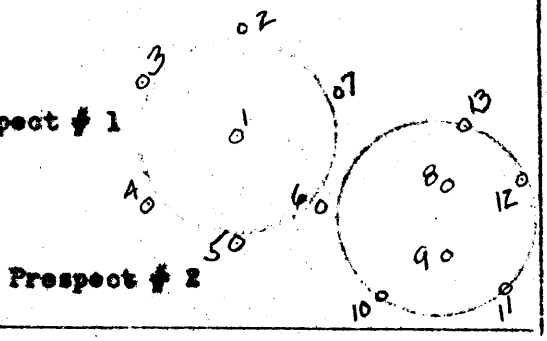
October 9th, 1951
Subject DMA 486X Tungsten
Cedar Creek Prospects
Tulare County, California

Section 12, T. 16 S., R. 27 E.
Tulare County, California

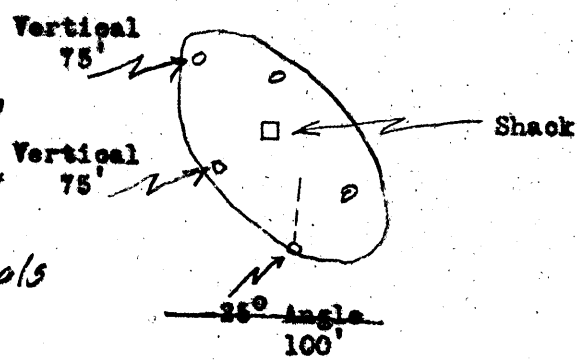
Prospect # 1
Hole # 1 - 100 Ft. Down
Holes # 2,3,4,5,6,7, 75 ft. deep,
at 15 degrees down.

Prospect # 2
Holes # 8, & 9, 100 ft. down
Holes # 10,11,12, & 13, 75 ft. deep,
at 15 degrees down.

Holes # 2,3,4,5,6,7,10,11,12,13,
will be drilled at base of Knolls.



Prospect 5 (under shack)



Drilling program revised to include 5-100 ft vertical holes at 50-75' intervals

Mr Bradley

Clair Engle
1st District, California

Home Address:
Red Bluff, California

Office Address:
1608 House Office Building

Congress of the United States
House of Representatives
Washington, D. C.

Chairman
Subcommittee:
Public Lands

Committees:
Mines and Mining
Irrigation-Reclamation

January 18, 1951

1-25-51
Bradley

DMA-4310

Mr. Philip Bradley
Chairman
Tungsten Division
Defense Minerals Administration
New Interior Building
Washington, D.C.

Dear Phil:

In harmony with our conversation, I am transmitting a letter from Mr. S. B. Tyler, P.O. Box 1301, Tulare, California, in regard to the tungsten property we discussed. I hope that you can give this matter your attention and that we can get some action on it.

Sincerely yours,

CLAIR ENGLE, M.C.

ce:b