DMA Form 1

DEFENSE MINERALS ADMINISTRATION
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DMA Docket No. 3346

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To:	400	Date	5/11/54
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CONTROLLED DOCUMENT

SEP 21 1954

Mr. Thomas Eistrat
1030 S. Almansor Street
Alhambra, California

Re: Docket No. DMEA 3346 - Tungsten
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Eistrat:

Your application for aid for an exploration project and other data available to us in Washington concerning the above referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting traces of tungsten mineralization on your property, indicates to us that the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Frank E. Johnson

ACTING Administrator

FARUTLEDGE:foc
9-17-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. 3
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

September 17, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $18,860.00
Docket No. DMEA 3346 - Tungsten
Thomas Eistrat
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

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

1. The Applicant proposed an exploration program consisting of 2,000 feet of diamond drilling, 1,000 feet of trenching, and 24 hours of bulldozing; estimated cost $18,860.00.

2. Discovery of the subject tungsten mineralization was made while constructing a dam for recreational purposes.

3. The scheelite is confined to a small tactite inclusion in the granodiorite at the north end of the Thomas Eistrat property on Schalts Creek, mainly along the eastern edge of the tactite. The scheelite crystals are sparsely disseminated and each of the three samples taken by the examiners contained less than 0.01 percent WO_3.

4. A sample taken by the Applicant that indicated ore grade material was stated to have been collected by selecting with the aid of an ultraviolet light pieces of tactite containing crystals of scheelite.

5. When the non-economic nature of the deposit was explained to the Applicant by the examiners, he is report to have stated that his principal interests in the property were in the timber rights and as a summer home-site.

6. The examining field team recommended denial.

7. The Field Team concurs with the recommendations of the examiners.

8. The Commodity Divisions of the Bureau of Mines and the Geological Survey concur in the denial.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARUTLEDGE:foc
9-17-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.

IN REPLY REFER TO:

400

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

September 15, 1954

Re: DMEA-3346
Thomas E. Ekrat Property
Tulare Co., Calif.
$18,800 - Tungsten

Memorandum

To: W. S. Martin
Defense Minerals Exploration Administration

From: E. L. Newcomb
U. S. Geological Survey

Subject: Concurrence with Field Team recommendation for denial

The applicant proposed a project involving 1,000 feet of trenching and 2,000 feet of diamond drilling.

The Field Team recommends the application be denied. They stress the facts that the applicant is primarily interested in the timber rights and the location of the property for a summer home.

Regardless of the applicant's true intentions, it is readily apparent from the sample results and the description of the deposit that DMEA assistance is unwarranted.

I concur with the Field Team and recommend the application be denied.

E. L. Newcomb

ELNewcomb:hlm
G-9/15/54

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. W. Geehan, 3513

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

420

420 Custom House
555 Battery Street
San Francisco 11, Calif.

August 31, 1954

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3346 - Tungsten
Thomas Eistrat Property
Tulare County, California

Reference is made to your letter dated May 19, 1954, referring the subject application to us for a field examination.

Attached are the original and three copies of a report entitled "DMEA-3346, Thomas Eistrat Property, Tulare County, California, (Tungsten)," by B. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and H. K. Stager, Geologist, U. S. Geological Survey, dated August 24, 1954.

According to the report there are only traces of tungsten mineralization on the land. The report indicates that the claims were located by the applicant for the timber and not for any tungsten mineralization that might be found.

The report has been discussed with Mr. Roscoe Smith and we concur with the conclusions therein.

A denial of the loan is recommended.

S. RICKER

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

Attachment

Copy to: Roscoe Smith, USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3346, Thomas Eistrat Property

Tulare County, California

(Tungsten)

B. H. Sheahan, Mining Engineer
U. S. Bureau of Mines

H. K. Stager, Geologist
U. S. Geological Survey

August 24, 1954

EXAMINATION REPORT

Docket No.: DMEA-3346 (Tungsten)

Name and address of applicant: Mr. Thomas Eistrat
1020 S. Almansor Street
Alhambra, California

Name and location of property: Thomas Eistrat Mine
Tulare County, Calif.

SUMMARY

The Thomas Eistrat property includes the NW 1/4 of sec. 29, T. 24 S., R. 32 E., M.D.B.&M., in the Sequoia National Forest, Tulare County, Calif.

There are only traces of tungsten mineralization on the land. The applicant reported that he discovered tungsten mineralization that occurred as scheelite in a bulldozer cut which was excavated while constructing a dam.

The property was examined on July 16 and 17, 1954 by an engineer of the U. S. Bureau of Mines and a geologist of the U. S. Geological Survey. The applicant for an exploration loan, Mr. Thomas Eistrat, was apparently interested in the very valuable timber resources and recreational values of the land.

This section of the Sequoia National Forest is very heavily wooded with sugar pine, ponderosa pine, fir and cedar.

The applicant proposed to trench and diamond drill the property.

CONCLUSIONS AND RECOMMENDATIONS

There has been no production of tungsten-bearing material from the Eistrat property and there are no measured, indicated, or inferred reserves. There has been no exploration work done on the property and none is warranted. It is recommended that Government assistance under the DMEA program be denied.

TIME SPENT ON PROPERTY

The property was examined on July 15 and 16, 1954 by an engineer of the U. S. Bureau of Mines, and a geologist of the U. S. Geological Survey. The applicant accompanied the examiners on July 16, 1954.

NAME AND LOCATION OF PROPERTY

The property was formerly known as the "Jones" saw mill. The applicant stated that the property is now known by his own name "Thomas Eistrat property".

The applicant's property is located on and includes the NW 1/4 of sec. 29, T. 24 S., R. 32 E., M.D.B.&M., Tulare County, California in a portion of the Sequoia National Forest (fig. 1).

The distance by road to Glennville, California is 26.6 miles. The applicant's saw mill and a summer cabin is situated about 2.5 miles southeast of Tobias Peak at an elevation of 6,300 feet. To reach the property by road from Glennville, follow a narrow winding two lane paved road easterly to the Greenhorn Summit Lodge, turn left and follow a narrow winding dirt road 7 miles northerly to Portuguese Pass, turn right and

follow a steep narrow winding dirt road 5.6 miles to the property (fig. 1).

ACCESSIBILITY

This section of the Sequoia National Forest receives considerable precipitation as snow during winter months. Snow has been reported at depths of more than 20 feet on the level. The operating season would include four months from June to September.

COMPETENCY OF APPLICANT

The applicant is a graduate mechanical engineer employed by the City of Los Angeles, California. He holds a general contractor's license and stated that he was financially qualified to undertake and supervise the project.

The applicant was interviewed by the examining engineer and geologist; both the applicant and his wife lacked knowledge of mining or exploration work. The applicant's main objective appeared to be that of improvement of title to the 160 acres of timber land which he and his wife claim.

The applicant's description of tungsten mineralization on the property which was included with his docket was in part a misrepresentation of information.

APPLICANT'S PROPERTY RIGHTS

The applicant stated in his docket application that he was owner in fee simple absolute with wife Elma Eistrat. Mr. Thomas Eistrat stated that he was involved in several law suits regarding title to the

property.

This land is of considerable value because of timber resources, and also because of climate, water and timber for recreational purposes.

As a last resort, the applicant may attempt to hold some sort of title to the land by mineral locations.

DESCRIPTION OF PROPERTY

The land is heavily timbered with sugar pine, ponderosa pine, fir and cedar. This portion of the forest is of a dense growth and the quality of the timber is excellent.

Shultz creek which crosses the center of the property was flowing about one second foot of water.

There was no mining equipment on the property other than a few hand tools and an ultraviolet light. The saw mill located on the land lacked a scrap burner, but included a gasoline engine with a 50 gallon butane tank and complete saw mill equipment. Other items included a second hand, 6-ton utility truck and a used 15 k.w. electric generator.

The applicant has constructed a dam on Shultz creek which forms a pond approximately 100 feet in width and 200 feet in length. Traces of scheelite mineralization were found, but there was no ore. The following samples were taken at the property:

Sample No.	Width, Feet	%, WO_3	Remarks
S-283	-	*0.01	Grab sample from dam excavation
S-284	4.0	*0.01	From trench - select material
S-285	4.0	*0.01	" " "

*Less than.

Sample S-283 represents the average grade of the tactite mass. Samples S-284 and S-285 were taken of the very best exposures pointed out by the applicant.

GEOLOGY

A small inclusion of tactite, containing traces of scheelite, in granodiorite occurs at the north end of the Thomas Eistrat property on Schultz Creek, Tulare County, Calif.

The granodiorite underlying most of the property is a light-gray, medium-grained rock containing quartz, plagioclase, orthoclase, biotite, and hornblende. The tactite inclusion is about 400 feet long and 100 feet wide and consists of garnet, pyroxene, magnetite, and limonite with traces of scheelite and molybdenite. Other inclusions and pendants of metamorphic rocks, consisting mainly of argillite and hornfels, occur to the south and west of the tactite body. The metamorphic rocks strike to the north and dip steeply west.

ORE DEPOSITS AND RESERVES

A few crystals of scheelite occur sparsely disseminated along the eastern edge of the small tactite body shown in figure 2. Two 4-foot samples were taken across the most favorable exposures of tactite in the bulldozer cut. These samples both contained less than 0.01 percent WO_3. A third sample was taken of the material removed from the cut which also assayed less than 0.01 percent WO_3. The applicant showed the examining team an assay return from a sample he had taken before the

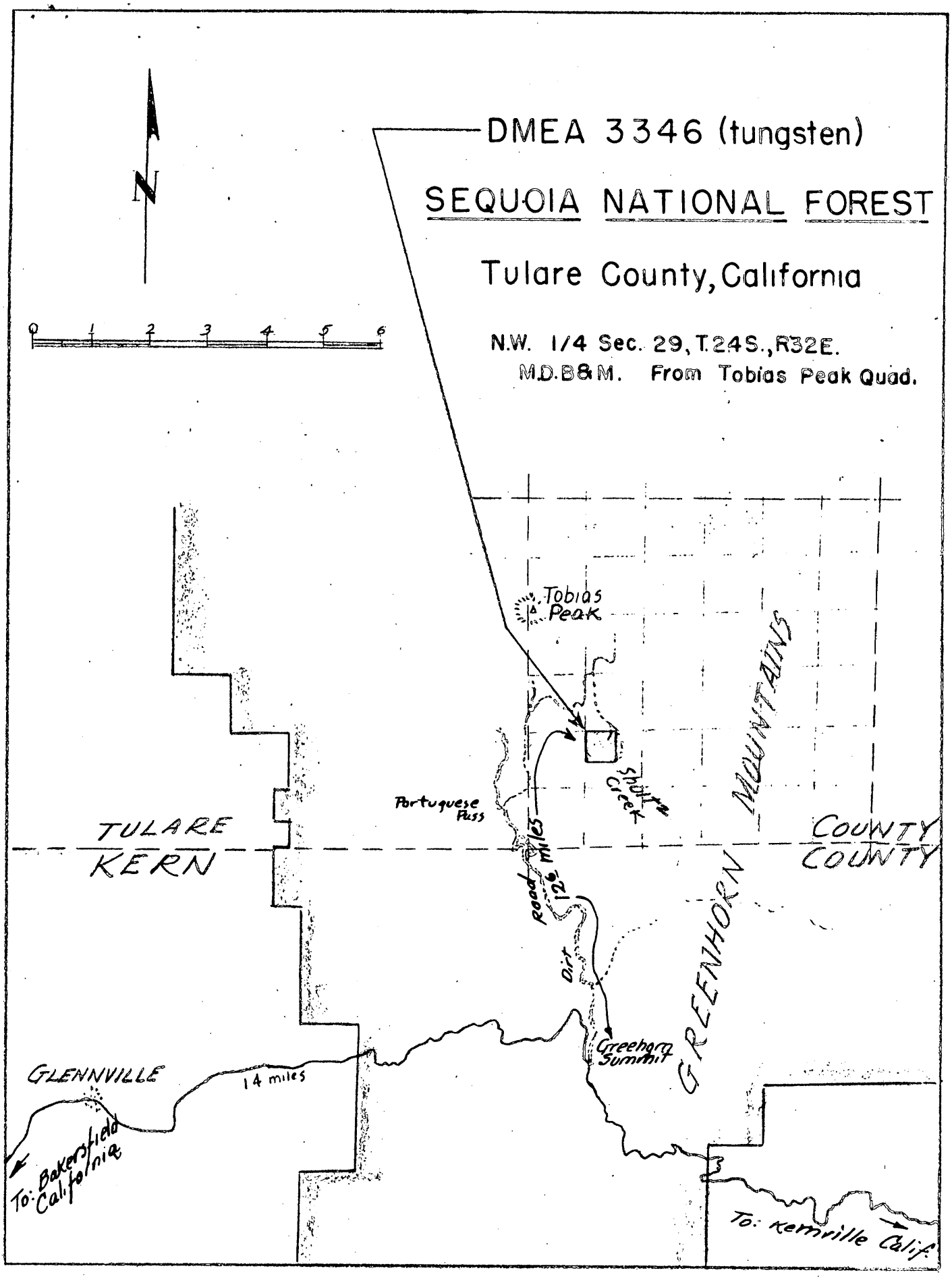
examination that indicated ore grade material. However, on inquiry of the examining team, he stated the material submitted for assay had been collected with the aid of an ultraviolet light and by selecting pieces of tactite that contained crystals of scheelite.

There has been no tungsten-bearing material produced from the Eistrat property and there are no reserves.

PROPOSED EXPLORATION

The applicant proposed 2,000 feet of diamond-drilling and 1,000 feet of trenching to explore the tactite body shown in figure 2. Total cost of the project is estimated at $18,860.00. It was the applicant's desire and intent that the location of the exploratory trenches and drill holes would be determined for him by the examining team. The applicant has no mining experience or knowledge of what constitutes a minable mineral deposit.

The non-economic nature of the deposit was explained to the applicant and he was informed that the DMEA would have no choice but to deny his application for exploration assistance. These facts appeared to be of little concern to the applicant and he stated that his principal interests in the property were in the timber rights and as a summer home-site.



LOCATION MAP

FIG. 1

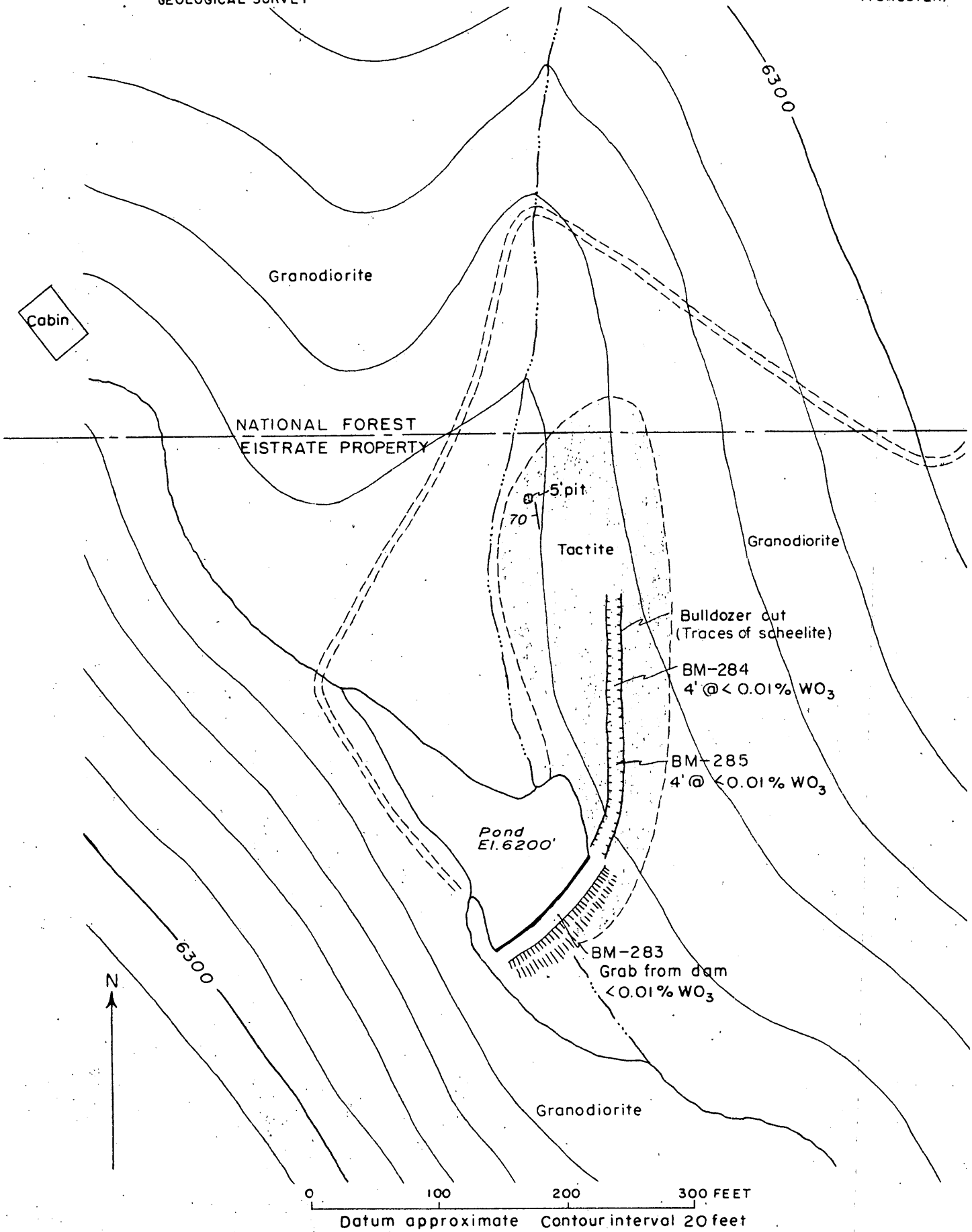


Fig. 2 Sketch map of Thomas Eistrate tungsten prospect, Tulare County, California

MAY 19 1954

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1082 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 1346 - Tungsten
Thomas District
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Miller:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

The Applicant has indicated that he is the owner in fee simple of the NW¼ Sec. 29, T. 24 S., R. 32 E., MDB&M. In addition he has indicated that he holds the adjoining U. S. Forest Service land to the north under a mining claim. Recording data for this claim were not given except the statement that the claim was posted and recorded in Tulare County in 1954. In addition the accompanying sketch map indicated the SE¼ Sec. 20 adjoins the NW¼ Sec. 29. This should be checked.

In reviewing the costs, it was noted that the estimated cost for diamond drilling, $7.00 per foot, appears high for this work especially when supervision was not included.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

FAButledge:foc
5-14-54
cc to: Docket
Code 400
Admr. Reading File
Oper. Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

MAY 8 1954

Mr. Thomas Eistret
1020 S. Almansor Street
Alhambra, California

Re: Docket No. DMEA 3346 - Tungsten
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Eistret:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

FARUTLEDGE:foc
5-14-54
cc to: Docket
Code 400
Admr. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

Docket
Surname
Rutledge
Martin
Geehan
Hedges
Kiilsgaard
Selfridge
F E Johnson

SEP 21 1954

Mr. Thomas Eistrat
1020 S. Almansor Street
Alhambra, California

Re: Docket No. DMEA 3346 - Tungsten
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Eistrat:

Your application for aid for an exploration project and other data available to us in Washington concerning the above referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting traces of tungsten mineralization on your property, indicates to us that the probability of disclosing minable tungsten ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Frank E. Johnson

ACTING Administrator

FARUTLEDGE:foc
9-17-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. 3
R. W. Geehan, USBM
T. H. Kiilsgaard, USGS

R.C.R.

DOCKET
SURNAME

Rutledge
Martin
Graham

September 17, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $18,860.00
Docket No. DMEA 3346 - Tungsten
Thomas Eistrat
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

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

1. The Applicant proposed an exploration program consisting of 2,000 feet of diamond drilling, 1,000 feet of trenching, and 24 hours of bulldozing; estimated cost $18,860.00.

2. Discovery of the subject tungsten mineralization was made while constructing a dam for recreational purposes.

3. The scheelite is confined to a small tactite inclusion in the granodiorite at the north end of the Thomas Eistrat property on Schultz Creek, mainly along the eastern edge of the tactite. The scheelite crystals are sparsely disseminated and each of the three samples taken by the examiners contained less than 0.01 percent WO_3.

4. A sample taken by the Applicant that indicated ore grade material was stated to have been collected by selecting with the aid of an ultraviolet light pieces of tactite containing crystals of scheelite.

5. When the non-economic nature of the deposit was explained to the Applicant by the examiners, he is report to have stated that his principal interests in the property were in the timber rights and as a summer home-site.

R.C.h.

6. The examining field team recommended denial.

7. The Field Team concurs with the recommendations of the examiners.

8. The Commodity Divisions of the Bureau of Mines and the Geological Survey concur in the denial.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

FARUTLEDGE:foc
9-17-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.

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

September 17, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $18,860.00
Docket No. DMEA 3346 - Tungsten
Thomas Eistrat
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

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

1. The Applicant proposed an exploration program consisting of 2,000 feet of diamond drilling, 1,000 feet of trenching, and 24 hours of bulldozing; estimated cost $18,860.00.

2. Discovery of the subject tungsten mineralization was made while constructing a dam for recreational purposes.

3. The scheelite is confined to a small tactite inclusion in the granodiorite at the north end of the Thomas Eistrat property on Schultz Creek, mainly along the eastern edge of the tactite. The scheelite crystals are sparsely disseminated and each of the three samples taken by the examiners contained less than 0.01 percent WO_3.

4. A sample taken by the Applicant that indicated ore grade material was stated to have been collected by selecting with the aid of an ultraviolet light pieces of tactite containing crystals of scheelite.

5. When the non-economic nature of the deposit was explained to the Applicant by the examiners, he is report to have stated that his principal interests in the property were in the timber rights and as a summer home-site.

6. The examining field team recommended denial.

7. The Field Team concurs with the recommendations of the examiners.

8. The Commodity Divisions of the Bureau of Mines and the Geological Survey concur in the denial.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

IN REPLY REFER TO:

Docket

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

September 15, 1954

Re: DMEA-3346
Thomas E. Strat Property
Tulare Co., Calif.
$18,860 - Tungsten

Memorandum

WSM

To: W. S. Martin
Defense Minerals Exploration Administration

From: E. L. Newcomb
U. S. Geological Survey

Subject: Concurrence with Field Team recommendation for denial

The applicant proposed a project involving 1,000 feet of trenching and 2,000 feet of diamond drilling.

The Field Team recommends the application be denied. They stress the facts that the applicant is primarily interested in the timber rights and the location of the property for a summer home.

Regardless of the applicant's true intentions, it is readily apparent from the sample results and the description of the deposit that DMEA assistance is unwarranted.

I concur with the Field Team and recommend the application be denied.

E. L. Newcomb
E. L. Newcomb

Copy retained

D. M. E. A.

DOCKET

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

420 Custom House
555 Battery Street
San Francisco 11, Calif.

August 31, 1954

Memorandum

WSM

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3346 - Tungsten
Thomas Eistrat Property
Tulare County, California

Reference is made to your letter dated May 19, 1954, referring the subject application to us for a field examination.

Attached are the original and three copies of a report entitled "DMEA-3346, Thomas Eistrat Property, Tulare County, California, (Tungsten)," by B. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and H. K. Stager, Geologist, U. S. Geological Survey, dated August 24, 1954.

According to the report there are only traces of tungsten mineralization on the land. The report indicates that the claims were located by the applicant for the timber and not for any tungsten mineralization that might be found.

The report has been discussed with Mr. Roscoe Smith and we concur with the conclusions therein.

A denial of the loan is recommended.

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

Attachment

Copy to: Roscoe Smith, USGS

Reviewed by
DMEA OPERATING COMMITTEE
9-13-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

GLS
9/20/54

DMEA-3346, Thomas Eistrat Property

Tulare County, California

(Tungsten)

B. H. Sheahan, Mining Engineer
U. S. Bureau of Mines

H. K. Stager, Geologist
U. S. Geological Survey

August 24, 1954

Reviewed by
DMEA OPERATING COMMITTEE
9-13-54
(date)

EXAMINATION REPORT

Docket No.: DMEA-3346 (Tungsten)

Name and address of applicant: Mr. Thomas Eistrat
1020 S. Almansor Street
Alhambra, California

Name and location of property: Thomas Eistrat Mine
Tulare County, Calif.

SUMMARY

The "Thomas Eistrat" property includes the NW 1/4 of sec. 29, T. 24 S., R. 32 E., M.D.B.&M., in the Sequoia National Forest, Tulare County, Calif.

There are only traces of tungsten mineralization on the land. The applicant reported that he discovered tungsten mineralization that occurred as scheelite in a bulldozer cut which was excavated while constructing a dam.

The property was examined on July 16 and 17, 1954 by an engineer of the U. S. Bureau of Mines and a geologist of the U. S. Geological Survey. The applicant for an exploration loan, Mr. Thomas Eistrat, was apparently interested in the very valuable timber resources and recreational values of the land.

This section of the Sequoia National Forest is very heavily wooded with sugar pine, ponderosa pine, fir and cedar.

The applicant proposed to trench and diamond drill the property.

CONCLUSIONS AND RECOMMENDATIONS

There has been no production of tungsten-bearing material from the Eistrat property and there are no measured, indicated, or inferred reserves. There has been no exploration work done on the property and none is warranted. It is recommended that Government assistance under the DMEA program be denied.

TIME SPENT ON PROPERTY

The property was examined on July 15 and 16, 1954 by an engineer of the U. S. Bureau of Mines, and a geologist of the U.S. Geological Survey. The applicant accompanied the examiners on July 16, 1954.

NAME AND LOCATION OF PROPERTY

The property was formerly known as the "Jones" saw mill. The applicant stated that the property is now known by his own name "Thomas Eistrat property".

The applicant's property is located on and includes the NW 1/4 of sec. 29, T. 24 S., R. 32 E., M.D.B.&M., Tulare County, California in a portion of the Sequoia National Forest (fig. 1).

The distance by road to Glennville, California is 26.6 miles. The applicant's saw mill and a summer cabin is situated about 2.5 miles southeast of Tobias Peak at an elevation of 6,300 feet. To reach the property by road from Glennville, follow a narrow winding two lane paved road easterly to the Greenhorn Summit Lodge, turn left and follow a narrow winding dirt road 7 miles northerly to Portuguese Pass, turn right and

follow a steep narrow winding dirt road 5.6 miles to the property (fig. 1).

ACCESSIBILITY

This section of the Sequoia National Forest receives considerable precipitation as snow during winter months. Snow has been reported at depths of more than 20 feet on the level. The operating season would include four months from June to September.

COMPETENCY OF APPLICANT

The applicant is a graduate mechanical engineer employed by the City of Los Angeles, California. He holds a general contractor's license and stated that he was financially qualified to undertake and supervise the project.

The applicant was interviewed by the examining engineer and geologist; both the applicant and his wife lacked knowledge of mining or exploration work. The applicant's main objective appeared to be that of improvement of title to the 160 acres of timber land which he and his wife claim.

The applicant's description of tungsten mineralization on the property which was included with his docket was in part a misrepresentation of information.

APPLICANT'S PROPERTY RIGHTS

The applicant stated in his docket application that he was owner in fee simple absolute with wife Elma Eistrat. Mr. Thomas Eistrat stated that he was involved in several law suits regarding title to the

property.

This land is of considerable value because of timber resources, and also because of climate, water and timber for recreational purposes.

As a last resort, the applicant may attempt to hold some sort of title to the land by mineral locations.

DESCRIPTION OF PROPERTY

The land is heavily timbered with sugar pine, ponderosa pine, fir and cedar. This portion of the forest is of a dense growth and the quality of the timber is excellent.

Shultz creek which crosses the center of the property was flowing about one second foot of water.

There was no mining equipment on the property other than a few hand tools and an ultraviolet light. The saw mill located on the land lacked a scrap burner, but included a gasoline engine with a 50 gallon butane tank and complete saw mill equipment. Other items included a second hand, 6-ton utility truck and a used 15 k.w. electric generator.

The applicant has constructed a dam on Shultz creek which forms a pond approximately 100 feet in width and 200 feet in length. Traces of scheelite mineralization were found, but there was no ore. The following samples were taken at the property:

Sample No.	Width, Feet	%, WO_3	Remarks
S-283	-	*0.01	Grab sample from dam excavation
S-284	4.0	*0.01	From trench - select material
S-285	4.0	*0.01	" " " "

*Less than.

Sample S-283 represents the average grade of the tactite mass. Samples S-284 and S-285 were taken of the very best exposures pointed out by the applicant.

GEOLOGY

A small inclusion of tactite, containing traces of scheelite, in granodiorite occurs at the north end of the Thomas Eistrat property on Schultz Creek, Tulare County, Calif.

The granodiorite underlying most of the property is a light-gray, medium-grained rock containing quartz, plagioclase, orthoclase, biotite, and hornblende. The tactite inclusion is about 400 feet long and 100 feet wide and consists of garnet, pyroxene, magnetite, and limonite with traces of scheelite and molybdenite. Other inclusions and pendants of metamorphic rocks, consisting mainly of argillite and hornfels, occur to the south and west of the tactite body. The metamorphic rocks strike to the north and dip steeply west.

ORE DEPOSITS AND RESERVES

A few crystals of scheelite occur sparsely disseminated along the eastern edge of the small tactite body shown in figure 2. Two 4-foot samples were taken across the most favorable exposures of tactite in the bulldozer cut. These samples both contained less than 0.01 percent WO_3. A third sample was taken of the material removed from the cut which also assayed less than 0.01 percent WO_3. The applicant showed the examining team an assay return from a sample he had taken before the

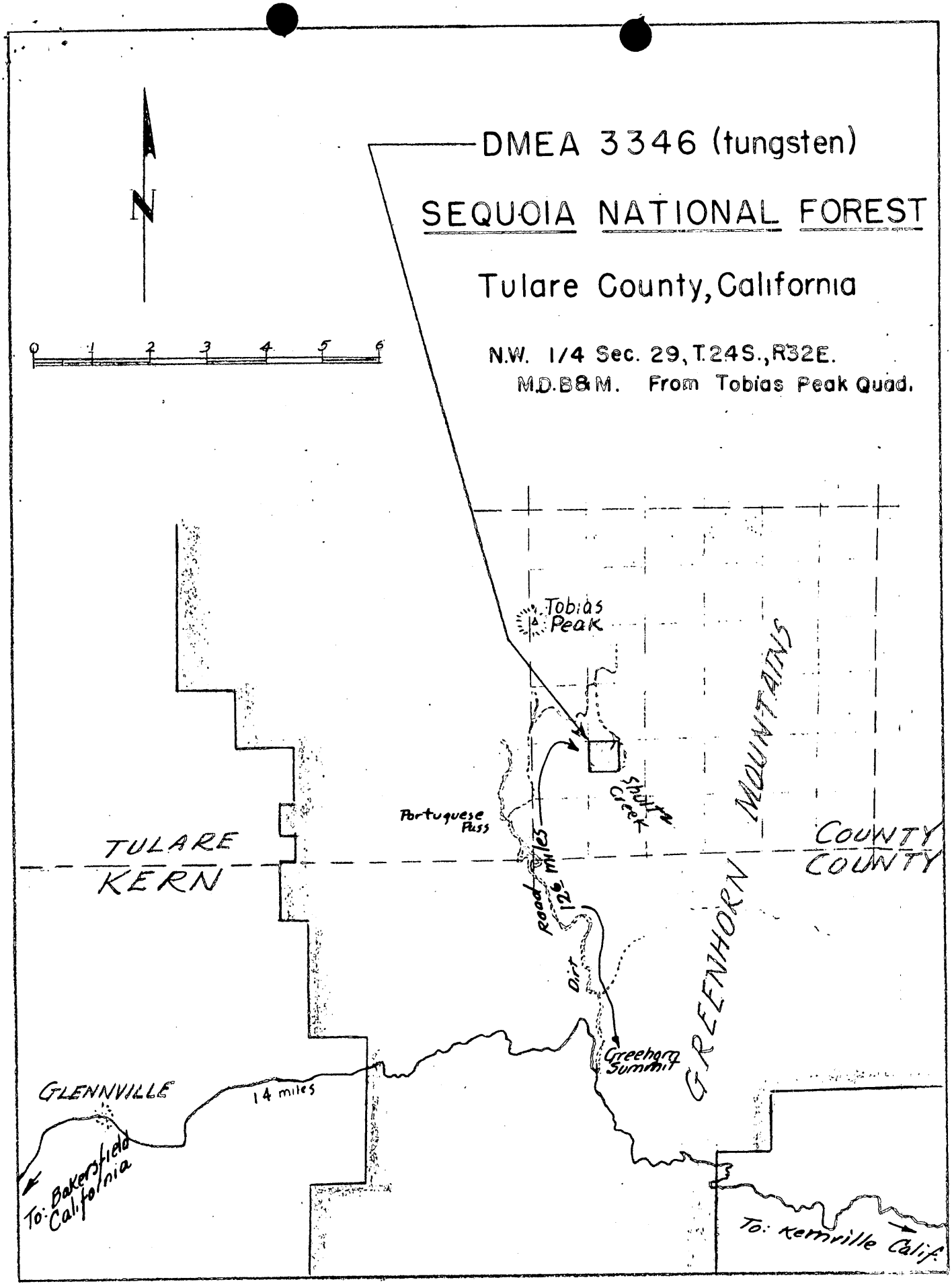
examination that indicated ore grade material. However, on inquiry of the examining team, he stated the material submitted for assay had been collected with the aid of an ultraviolet light and by selecting pieces of tactite that contained crystals of scheelite.

There has been no tungsten-bearing material produced from the Eistrat property and there are no reserves.

PROPOSED EXPLORATION

The applicant proposed 2,000 feet of diamond-drilling and 1,000 feet of trenching to explore the tactite body shown in figure 2. Total cost of the project is estimated at $18,860.00. It was the applicant's desire and intent that the location of the exploratory trenches and drill holes would be determined for him by the examining team. The applicant has no mining experience or knowledge of what constitutes a minable mineral deposit.

The non-economic nature of the deposit was explained to the applicant and he was informed that the DMEA would have no choice but to deny his application for exploration assistance. These facts appeared to be of little concern to the applicant and he stated that his principal interests in the property were in the timber rights and as a summer home-site.



LOCATION MAP FIG. 1

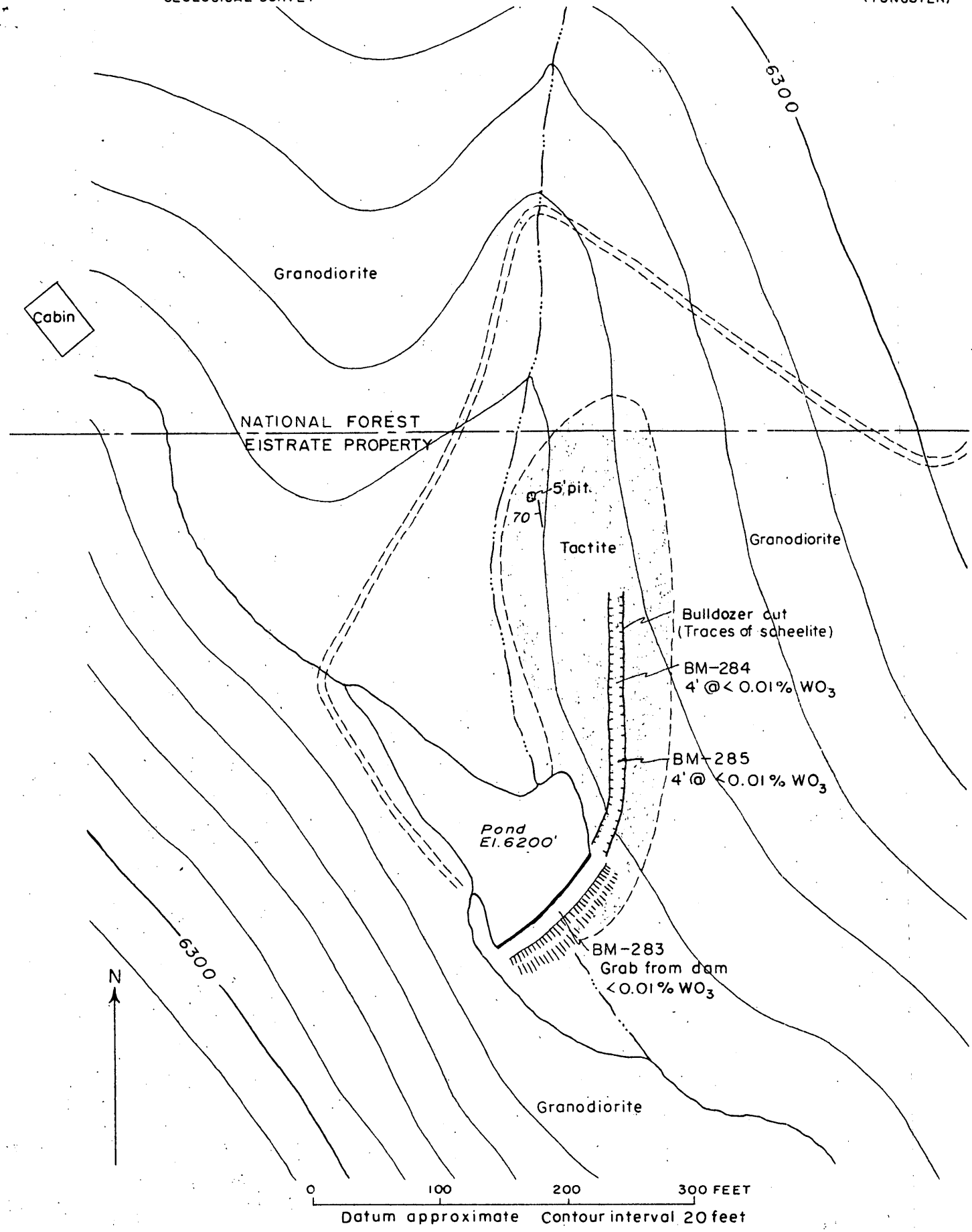


Fig. 2 Sketch map of Thomas Eistrate tungsten prospect, Tulare County, California

400

DOCKET
SURNAME
Rutledge
Martin
Geehan
Shield
Selfridge
Kellman

MAY 1 4 1954

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

Re: Docket No. DMEA 3346 - Tungsten
Thomas Eistret
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Miller:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

The Applicant has indicated that he is the owner in fee simple of the NW¼ Sec. 29, T. 24 S., R. 32 E., MDB&M. In addition he has indicated that he holds the adjoining U. S. Forest Service land to the north under a mining claim. Recording data for this claim were not given except the statement that the claim was posted and recorded in Tulare County in 1954. In addition the accompanying sketch map indicated the SE¼ Sec. 20 adjoins the NW¼ Sec. 29. This should be checked.

In reviewing the costs, it was noted that the estimated cost for diamond drilling, $7.00 per foot, appears high for this work especially when supervision was not included.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (J.H.)

APPROVED:

J. H. Hedges
Member, Bureau of Mines (J.H.)

T. P. Thayer
Member, Geological Survey (J.H.)

FARutledge:foc
5-14-54
cc to: Docket
Code 400
Admr. Reading File
Oper. Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

RCG.

400

DOCKET
SURNAME

Rutledge
Martin
Geehan
Hedges
Selfridge
Fjelsme

MAY 19 1954

Mr. Thomas Eistrat
1020 S. Almansor Street
Alhambra, California

Re: Docket No. DMEA 336 - Tungsten
NW¼ Sec. 29, T. 24 S., R. 32 E.
Tulare County, California

Dear Mr. Eistrat:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

FARUTLEDGE:foc
5-14-54
cc to: Docket
Code 400
Admr. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

R.C.J.

May 11, 1954
Subject: DMEA-3346
Re: Exploration Assistance

Mr. Thomas Eistrat
1020 S. Almansor St.
Alhambra, California

Dear Sir:

The receipt of your application dated May 5, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3346 and referred to the Iron and Ferro Alloys Division.

Kindly refer to DMEA-3346 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams
Chief, Operation's Control
and Statistics Division

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

Defense Minerals Administration
RECEIVED
MAY 10 1954

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 3346
Metal or Mineral Tungsten
Date Received
Estimated Cost $18,860
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: THOMAS EISTRAT
1020 S. Almansor Street
Alhambra, California

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract owner in fee simple absolute with wife Elma Eistrat as community property : BEING THE NW¼ S. 29, T. 24 S. R. 32 E. M.D.B. & M.- Tulare Countym California

(*b*) State any mine name by which the property is known. none

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise owner

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it none

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. no past operations, immediately available

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore scheelite and WO_4

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs?

[x] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated May 5, 1954

THOMAS EISTRAT (Applicant)

By .....

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—66551-1

THOMAS EISTRAT
1020 S. Almansor Street
Alhambra, California

May 5, 1954

Administrator,
Defense Minerals Exploration Administration,
Washington 25, D.C.

Dear Sir:

Pursuant to DMEA Order 1, under the defense production act of 1950, as amended, and in accordance with the procedures prescribed under your form MF-103, I hereby apply for aid in an exploration project that appears very meritorous. This letter supplements accompanying formal application upon your prescribed form.

Preliminary to answering questions 5 and 4 on said application in this letter supplementary form, the following brief description of the project is offered:

"Applicant, owner in fee continuously since 1926 of the NW¼, S. 29, T. 24 S. R. 32 E. M.D.B. & M., Tulare County, California, made the first discovery of scheelite on said property in November 1953, while conducting bulldozing operations in the construction of a fill to create a dam for recreational purposes.

No mining operations have been conducted on this land at any time - and the hearest mines, are scheelite mines located about 2 miles southerly, and other about 6 miles westerly. The mine six miles westerly is "Tungstore (Jack Ranch)". This and other tungsten mines in the area are described in "Tungsten Deposits of Madera, Fresno, and Tulare Counties, California, Special Report 35, Div. of Mines, Dept. of Nat. Res., State of Calif., Oct. 1953, by Konrad B. Krauskopf, Geo. Survey, U.S. Dept. of Interior.

Applicant's land, as well as adjoining National Forest lant is covered with a heavy pine forest, except for some cut-over areas on applicant's land. There appears to be an over-burden of soil about ten feet thick over the National Forest land and applicant's, except over the tactite area on applicant's land.

Identification has been made by applicant of the scheelite in vein form, visually both with and without ultra-violet light. Confirmation of such indentification and assaying was made March 30, 1954 by Mr. Ed. Eisenhower, Jr., Assayer, Metallurgist and Chemist, of 320 S. San Pedro Street, Los Angeles.

EISTRAT
ANSOR ST.
CALIF.

The scheelite occurs dispersed in the tactite area, approximately 150 x 300 feet, with a concentration believed to be greater than 0.75%. Scheelite also occurs in at least two locations within the tactite area as veins, approximately one half inch in diameter and being nearly pure scheelite. Accompanying brief sketch gives further details.

ANSWERS TO QUESTIONS 4 & 5, form MF-103

4(a) See above; also, ore body is located on land rising from mountain stream running minimun of 1 sec. ft during year, good mountain road to ore body, applicant has small lumber mill and timber on land, together with two cabins, six ton winch truck and butane electric generator of 15 KW capacity.

(b) Land in which ore body occurs is a granite-limestone contact and fault, in which there is a tactite area composed of iron ores, iron oxides, garnets, residual clay at the surface, and dispersed scheelite, with more than two veins of pure scheelite. No past production; November 1953 discovery; extent of ore reserves unknown; surface indications shown good scheelite mineralization. Approximately 300 cubic yards of surface materials bulldozed off to create fill in creek for pond.

(c) See 4 (b) above, and attached sketch.

(d) Shipping distance to Fresno over about 12 miles good unpaved road and 140 miles paved road; shipping distance to Lone Pine about 20 miles good unpaved road and 100 miles paved road. Road to ore body good; used last year for hauling out timber. Actibe lumber mill with about 60 employess located about 3 miles northerly; logging operations now in progress within two miles.

(e) It is believed manpower, materials, supplies, and equipment are readily available; and ample water and power now on applicant's land.

5 (a) $CaWO_4$

(b) Proposed exploration work: 2000 feet of diamond drilling and 1000 feet of trenching to bed rock and 24 hours D-8 bulldozing work

(c) Work to start within 60 days after making exploration contract; and to be completed within 240 working days.

(d) Applicant-owner is graduate engineer, 44 years of age, a mechanical engineer with City of Los Angeles, with considerable construction experience - holds general contractor's license last 8 years, former Corps of Engineers officer, and financially qualified to undertake and supervise project. Contemplate sub-contracting most of the work; but supervising operations.

THOMAS EISTRAT
WASHINGTON, D.C.

QUESTION 6

(a) Independent contracts

Diamond drilling, up to 2000 ft @ $7.00/ft	$14,000.00
Trenching, est. 300 T in 1000 ft @ $3.00/T	900.00
D-8 and operator, 24 hrs @ $15.00/hr	360.00
Supervising and consultation, est.	1,500.00
	$ 16,760.00

(b) See above, for independent contracts.

(c) Included in (a) above.

(d) " " " "

(e) " " " "

(f) All necessary facilities now on property

(g) Included in (a) above.

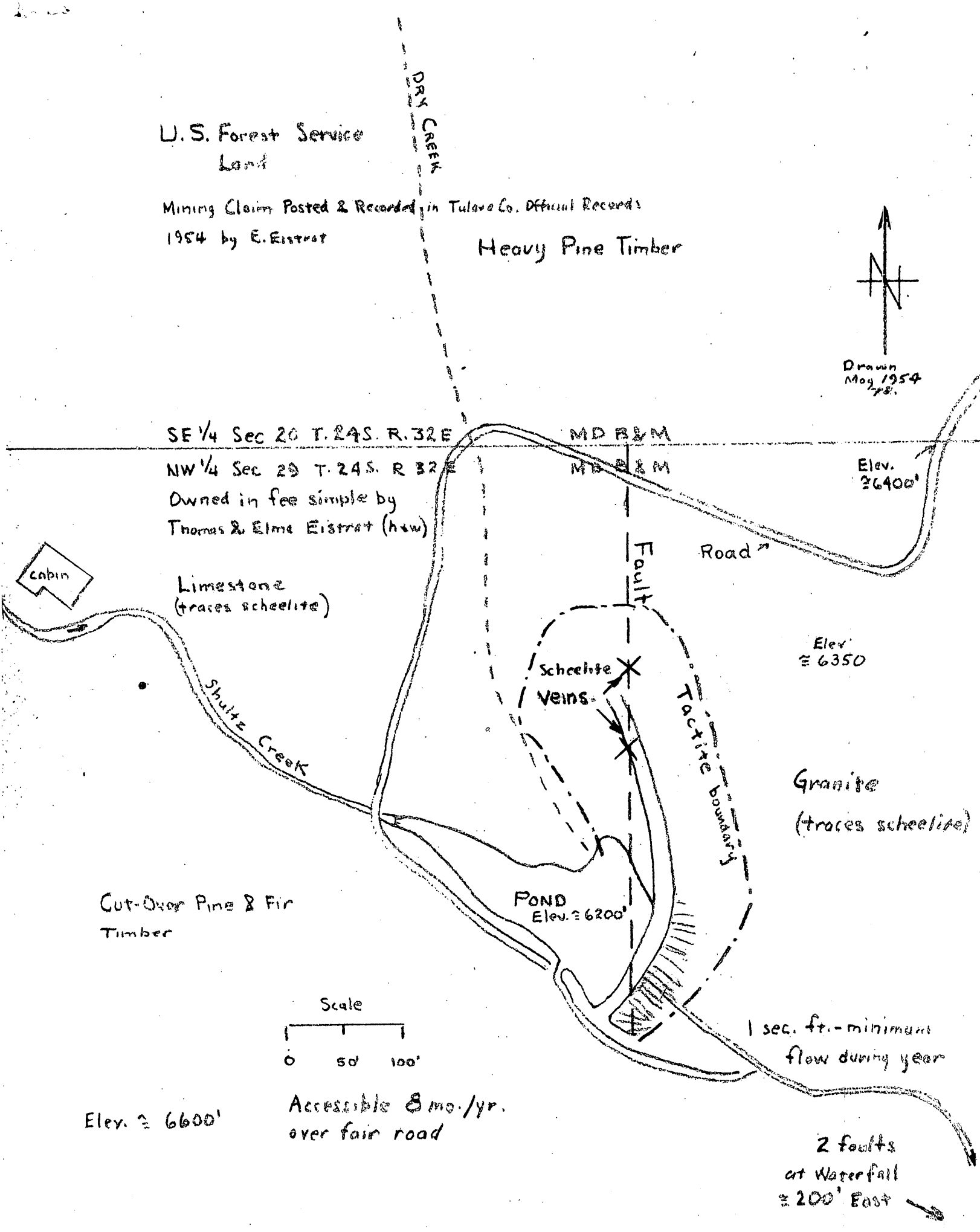
(h) Contingencies- if machine trenching contract cannot be made, hand labor costs will raise trenching costs to approximately $10.00/T; and therefore up to $2,100.00 additional will be necessary.

Very truly yours,

THOMAS EISTRAT

Home phone: ATlantic 4-3632
Office: Michigan 4211, Ext. 3742

16,760
+2,100
18,860


U.S. Forest Service Land
Mining Claim Posted & Recorded in Tulare Co. Official Records 1954 by E. Eistrat
DRY CREEK
Heavy Pine Timber
Drawn May 1954
SE 1/4 Sec 20 T. 24S. R. 32E MD B&M
NW 1/4 Sec 29 T. 24S. R 32E MD B&M
Owned in fee simple by Thomas & Elma Eistrat (h&w)
Elev. ≅ 6400'
Road
Fault
cabin
Limestone (traces scheelite)
Elev. ≅ 6350
Scheelite Veins
Shulte Creek
Tactite boundary
Granite (traces scheelite)
Cut-Over Pine & Fir Timber
POND Elev. ≅ 6200'
Scale
0 50' 100'
1 sec. ft. - minimum flow during year
Elev. ≅ 6600'
Accessible 8 mo./yr. over fair road
2 faults at Waterfall ≅ 200' East