DMEA Form 7
(12-56)

400

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Date	Surname	Code
2/28	Chapman	400
2/28	Martin	400
3/1	Selledge	130
"	Johnson	110
"	Mittendorf	100
		220

MAR - 1 1957

Mr. R. J. Tappan
156 North Tulip
Escondido, California

Re: Docket No. DMEA-4469, Tungsten
Sundown and Sunrise claims
San Diego County, California

Lamb
Nelson

Dear Mr. Tappan:

Your application 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 the occurrence of tungsten mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. Under these conditions we regret to advise you that your application is denied.

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

Sincerely yours,

C. O. Mittendorf

Administrator

TLGimo 2/27/57
Copy to: Docket
Code 400
Adm. Read. File
Operating Committee
F. T. Region, Region II
Memora: R. W. Holliday, USBM
T. H. Killingsard, USGS

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/28	Chapman	400
2/28	Martin	400
~~3/1~~		120
		110
		100

400

February 28, 1957

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of the subject application for exploration assistance in the amount of $16,900.00
Docket No. DMEA-4469, Tungsten
Ralph Stanley Tappan, et al.
Sundown and Sunrise claims
San Diego County, California

Denial of the subject application is recommended by this Division based on the following information:

The applicant, Ralph Stanley Tappan, et al., requested exploration assistance in the amount of $16,900.00 on September 4, 1956, for surface trenching and diamond drilling. A field examination of the property was made on January 8 and 9, 1957, by R. G. Reeves, Geological Survey and John D. Warne, Bureau of Mines, accompanied by Mr. G. R. Huntamer, one of the applicants.

APPLICANT: Ralph Stanley Tappan, 156 N. Tulip, Escondido, California
Glen R. Huntamer, Star Route, Julian, California
Hans Starr, Star Route, Ramona, California
Mary Starr, Star Route, Ramona, California
A partnership

PROPERTY OWNERSHIP: The Volcan ranch consisting of several thousand acres, (including mineral rights), is owned by Hans and Mary Starr, Ramona, California and is located in Sections 22 and 23, T. 12 S., R.4 E., San Felipe-Volcan Mountain Mining District, San Diego County, California

The following unpatented mining claims were located on the ranch by the applicants. It is not clear how such claims could have any validity unless located on public land.

8623

Claim Name	Book No.	Page No.
Sundown No. 1	6074	584
Sundown No. 2	6135	144
Sunrise No. 1	6074	580
Sunrise No. 2	6074	582
Sunrise No. 3	6135	148
Sunrise No. 4	6135	146

GEOLOGY: The prospect, on the southeastern flank of Volcan Mountain, is underlain by granodiorite and quartz diorite that contains roof pendants of Julian schist. The Julian schist, predominantly a quartz-muscovite-biotite rock, locally contains lenses of limestone and quartzite. Near the contact with the igneous rocks the limestone has been metamorphosed to tactite. Pegmatite dikes, grading along the strike to barren quartz, cut the schist.

Scheelite, in 1/4 to 1/16 inch crystals, occurs in small concentrations in the tactite, pegmatites and schist. These pods are from a few inches to one foot wide and one to six feet long. They occur sporadically along the contact at intervals of about 100 feet.

DEVELOPMENT: The development consists of several shallow bulldozer trenches.

HISTORY AND PRODUCTION: The claims were located in April, 1956 by R. S. Tappan and G. R. Huntsmer. There has been no production from the property, nor has any ore of economic possibilities been discovered.

PROPOSED WORK: The applicant proposes to trench the surface area and diamond drill the areas that show mineralization.

ORE VALUES AND TONNAGE: From the largest and highest grade scheelite body, which contained only a few hundred pounds of material, the one sample taken assayed 0.86 percent WO_3.

COMMENTS AND CONCLUSIONS: The Field Team believes there is little possibility of developing any quantity of ore of a minable grade and recommends denial of the application for exploration assistance. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the conclusions and recommendations of the Field Team.

W. S. Martin

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

TLChapman:ms 2/28/57
Copy to: Docket
Code 400
Admr. R. File
Operating Committee

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 400

February 28, 1957

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of the subject application for exploration assistance in the amount of $16,900.00
Docket No. DMEA-4469, Tungsten
Ralph Stanley Tappan, et al.
Sundown and Sunrise claims
San Diego County, California

Denial of the subject application is recommended by this Division based on the following information:

The applicant, Ralph Stanley Tappan, et al., requested exploration assistance in the amount of $16,900.00 on September 4, 1956, for surface trenching and diamond drilling. A field examination of the property was made on January 8 and 9, 1957, by R. G. Reeves, Geological Survey and John D. Warne, Bureau of Mines, accompanied by Mr. G. R. Huntamer, one of the applicants.

APPLICANT: Ralph Stanley Tappan, 156 N. Tulip, Escondido, California
Glen R. Huntamer, Star Route, Julian, California
Hans Starr, Star Route, Ramona, California
Mary Starr, Star Route, Ramona, California
A partnership

PROPERTY OWNERSHIP: The Volcan ranch consisting of several thousand acres, (including mineral rights), is owned by Hans and Mary Starr, Ramona, California and is located in Sections 22 and 23, T. 12 S., R.4 E., San Felipe-Volcan Mountain Mining District, San Diego County, California

The following unpatented mining claims were located on the ranch by the applicants. It is not clear how such claims could have any validity unless located on public land.

Claim Name	Book No.	Page No.
Sundown No. 1	6074	584
Sundown No. 2	6135	144
Sunrise No. 1	6074	580
Sunrise No. 2	6074	582
Sunrise No. 3	6135	148
Sunrise No. 4	6135	146

GEOLOGY: The prospect, on the southeastern flank of Volcan Mountain, is underlain by granodiorite and quartz diorite that contains roof pendants of Julian schist. The Julian schist, predominantly a quartz-muscovite-biotite rock, locally contains lenses of limestone and quartzite. Near the contact with the igneous rocks the limestone has been metamorphosed to tactite. Pegmatite dikes, grading along the strike to barren quartz, cut the schist.

Scheelite, in 1/4 to 1/16 inch crystals, occurs in small concentrations in the tactite, pegmaties and schist. These pods are from a few inches to one foot wide and one to six feet long. They occur sporadically along the contact at intervals of about 100 feet.

DEVELOPMENT: The development consists of several shallow bulldozer trenches.

HISTORY AND PRODUCTION: The claims were located in April, 1956 by R. S. Tappan and G. R. Huntamer. There has been no production from the property, nor has any ore of economic possibilities been discovered.

PROPOSED WORK: The applicant proposes to trench the surface area and diamond drill the areas that show mineralization.

ORE VALUES AND TONNAGE: From the largest and highest grade scheelite body, which contained only a few hundred pounds of material, the one sample taken assayed 0.86 percent WO_3.

COMMENTS AND CONCLUSIONS: The Field Team believes there is little possibility of developing any quantity of ore of a minable grade and recommends denial of the application for exploration assistance. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the conclusions and recommendations of the Field Team.

W S Martin

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 20 1957

DATE	INITIALS	CODE
2-20	C	220
2/21	WSM	400
	Memorandum	

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

Date February 19, 1957

DMEA Docket No. 4469
DMEA Contract No.
Commodity Tungsten
Name of applicant Ralph Stanley Tappan, et al
Name of property Sundown and Sunrise Claims
Location of property San Diego County, Calif.
Estimated cost of project

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Branch of Ferrous Metals & Ferroallo

From: R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals & Ferroalloys

Subject: Review of Field Team Application Report
(Application, Field Team Report, etc.)

1. Date of subject document: 1/31/57. 2. Date received by reviewer: 2/8/57.
3. Prior reports on this property known to reviewer: Yes [ ], No [x].
4. Prior reports on nearby properties known to reviewer: Yes [ ], No [x].
5. Information available on past production: Yes [ ], No [x].
6. Other pertinent factors known to reviewer: Yes [ ], No [x].
7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [ ]
   d. Geology [ ]
   e. Proposed exploration method [ ]
   f. Alternate exploration method [ ]
   g. Costs [ ]
   h. [ ]

9. Action advised:
   a. Obtain information from applicant [ ]
   b. Refer to Field Team [ ]
   c. Denial [ ]
   d. Agree with Field Team [x]
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]

10. Remarks: (Use back of page if necessary) The Field examiners concluded that adequate exploration has already been completed and that there is little likelihood of making a significant discovery by additional exploration. I concur in the recommendation of denial.

R W Holliday
R. W. Holliday

IN REPLY REFER TO:

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 11 1957

DATE	INITIALS	CODE
2/12	C	220
2/13	WSM	400

February 7, 1957

Re: DMEA 4469
Ralph Tappan et al
Starr Group
San Diego Co., Calif.
$12,900 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report.

In an incomplete application, the applicants requested assistance in a poorly defined work program on a long tactite zone in the contact of Julian schist and granodiorite. The Julian schist in the area is mainly a quartz-muscovite-biotite rock but contains lenses of limestone and quartzite.

Near the contact with the granodiorite the schist other than the limestone is converted to an injection gneiss. The limey beds are metamorphosed to tactite and through the tactite are small concentrations of scheelite. Some scheelite occurs in the pegmatite and the schist. The concentrations occur sporadically along several hundred feet of contact, the average interval being about 100 feet. The examiners estimate the largest and highest grade scheelite ore-body contains only a few hundred pounds of material a sample of which assayed 0.86% WO_3.

Because of the apparent lack of scheelite-bearing potential of the tactite zone the examiners and Field Team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

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

January 31, 1957

1605 Evans Avenue
Reno, Nevada

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4469 (Tungsten)
Ralph Stanley Tappan, et al
Sundown and Sunrise Claims
San Diego County, California

Enclosed are four copies of a report by J. D. Warne, Bureau of Mines and R. G. Reeves, Geological Survey on subject property.

Roscoe Smith and I concur in the recommendation that the application for DMEA exploration aid be denied.

S. Ricker

Encl.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 4 1957

DATE	INITIALS	CODE
2-4	C	220
		130
2-11	C	220
2/11	WSM	400

Reviewed by
DMEA OPERATING COMMITTEE
2-8-57
(date)

BUREAU OF MINES
WASHINGTON, D.C.

FEB 4 9 31 AM '57

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 4 1957

DATE	INITIALS	CODE
		130
		220

APPLICATION REPORT

Docket No. DMEA-4469 (Tungsten)
Sundown & Sunrise Claims
San Diego County, California

J. D. Warne, Mining Engineer
U. S. Bureau of Mines

R. G. Reeves, Geologist
U. S. Geological Survey

January 31, 1957

Reviewed by
DMEA OPERATING COMMITTEE
2-8-57
(date)

CONTENTS

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Summary, Conclusions, and Recommendations	1
Location and Accessibility	2
Property and Ownership	2
History, Development and Production	2
Geology and Ore Deposits	3
Sampling	4
Proposed exploration	4

ILLUSTRATIONS

Fig. 1. - Location map - Sundown & Sunrise Claims, San Diego County, California

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

An application, dated September 4, 1956, by R. S. Tappan, et al (a partnership), requested Government assistance in a $16,900 program, docket DMEA-4469, to explore for tungsten on the Sundown and Sunrise groups of claims, San Diego County, California. An examination was made on January 8-9, 1957 by R. G. Reeves, U. S. Geological Survey, and John D. Warne, U. S. Bureau of Mines, accompanied by Mr. G. R. Huntamer, one of the applicants.

Small scheelite crystals and concentrations are spordically distributed along several thousand feet in tactite pegmatite and schist in contact with barren quartz.

The deposit has already been adequately explored by several hundred feet of shallow bulldozer trenching. The small size and wide spacing of scheelite concentrations do not offer any attractive targets for further exploration as proposed in the application, and there is little possibility of making a significant discovery. In addition, the applicants' ability to properly conduct an exploration project is questionable.

It is recommended that the request for DMEA exploration assistance be denied.

LOCATION AND ACCESSIBILITY

The Sundown and Sunrise groups of claims are in the San Felipe, Volcan Mountain district, about 11 miles north of Banner, California, in secs. 22 and 23, T. 12 S., R. 4 E., S. B. B. &M., San Diego County, California (fig. 1).

PROPERTY AND OWNERSHIP

The property consists of six unpatented mining claims: Sundown Nos. 1 and 2, and Sunrise Nos. 1, 2, 3 and 4 located on the Volcan ranch property which is owned by E. D. Rutherford and Hans Starr. The claims may be invalid as the mineral rights could have been retained by owners of the ranch. The applicants located and recorded the claims as a partnership consisting of R. S. Tappan, 136 N. Tulip, Escondido, California; and G. R. Huntamer, Hans Starr, and Mary Starr, Star Route, Ramona, California

HISTORY, DEVELOPMENT AND PRODUCTION

The mining claim s were located in April 1956 by R. S. Tappan and G. R. Huntamer. Later several shallow trenches were excavated with a bulldozer in an attempt to expose scheelite mineralization. There has been no production from the property, nor has any ore of economic possibilities been discovered.

GEOLOGY AND ORE DEPOSITS

The prospect is on the southeastern flank of Volcan Mountain, a peak 5,700 feet high. The area is underlain by Stonewall granodiorite and quartz diorite that contains roof pendants of Julian schist. At the Sundown and Sunrise claims, schist in a large roof pendant strikes northwest and dips from 70° NE to vertical. The Julian schist is mainly a quartz-muscovite-biotite rock, but locally as at the claims contains lenses of limestone and quartzite. Near the contact with the Stonewall igneous rocks, the schist has been converted to an injection gneiss, and the limy beds metamorphosed to tactite. Pegmatite dikes, grading along the strike into barren quartz, and other seemingly isolated, bodies of pegmatite and quartz, cut the schist. Generally, the foliation of the schist is straight, but in places it is contorted into drag folds.

Scheelite, in 1/16 to 1/4 inch crystals, occurs in concentrations in tactite, pegmatite, and in the schist adjacent to where schist is cut by barren quartz. The concentrations are from several inches to less than a foot wide and from one to six feet long. They are sporadically distributed along several hundred feet of contact, at an average spacing of about 100 feet. The grade of the pods was estimated by lamping to be from 0.2 to 1.5 percent WO_3.

SAMPLING

A single sample of the largest and highest grade scheelite body, which contained only a few hundred pounds of material, assayed 0.86 percent WO_3.

PROPOSED EXPLORATION

The applicant had no definite exploration target or sound geological reason for his proposed work. He suggested surface bulldozer stripping across various quartz exposures on the claims to explore for scheelite at an estimated cost of $16,900.

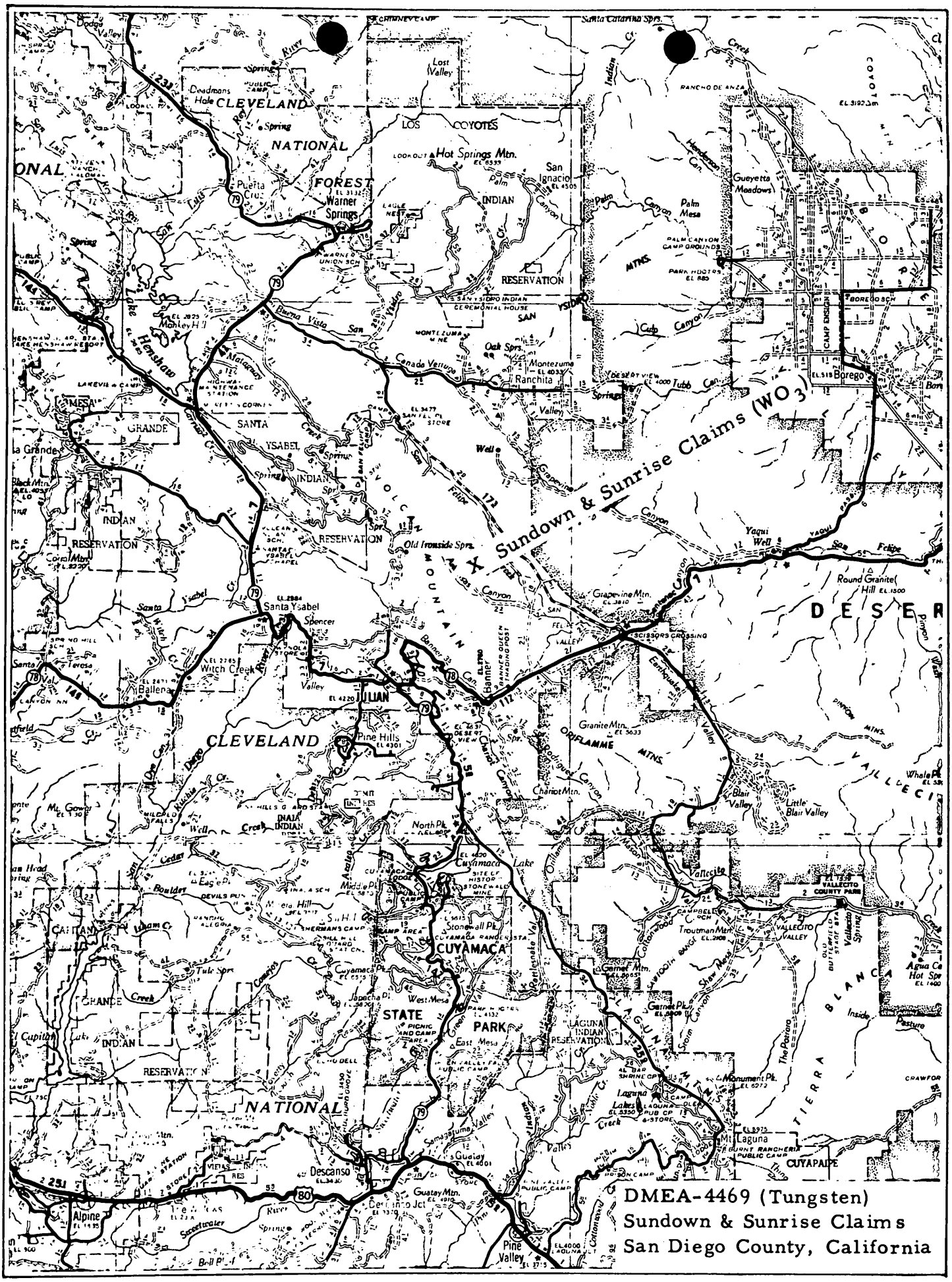


Figure 1 LOCATION MAP CALIFORNIA

RECEIVED
FEB 4 1957
D.M.E.A.

400

Docket
SURNAME
Chapman
Martin
Selfridge
Kleppner
Matthewson

NOV 14 1956

Mr. Spangler Micker
Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 4469, Tungsten
Ralph Stanley Tappan, et al.
Sundown and Sunrise Claims
San Diego County, California

Dear Mr. Micker:

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

Copies of memoranda dated September 19 and 26, 1956, by E. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the project are enclosed.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb

Member, Bureau of Mines

W. P. Williams

Member, Geological Survey

Enclosures

T.Chapman:am 11/14/56
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Killsgaard, USGS

P.G.T.

400

Docket
SURNAME
Chapman
martin
Lamb
Williams
Selfridge
Fellman

NOV 16 1956

Mr. Ralph Stanley Tappan
156 North Tulip
Escondido, California

Re: Docket No. DMEA 4469, Tungsten
Sundown and Sunrise Claims
San Diego County, California

Dear Mr. Tappan:

The above docketed application for exploration assistance for tungsten ores, and your reply to our letter of October 10, 1956, have been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance you can give the members of the Field Team will be appreciated. In accordance with your request we are returning your Notices of Location.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures

TLChapman:am 11-14-56
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

R. G. L.

10 in docket

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

1605 Evans Avenue
Reno, Nevada

November 7, 1956

Memorandum

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

From: Acting Executive Officer, DMEA Field Team
Region II

Subject: Docket No. DMEA-4469
Sundown and Sunrise Claims
San Diego County, California
Loan Application (Tungsten)

Enclosed are the original and three copies of Mr. Tappan's reply to Mr. Martin's letter of October 10, 1956. Also enclosed are two copies of my reply to Mr. Tappan acknowledging receipt.

Roscoe M. Smith

Roscoe M. Smith

Encls.

Mr. Picker.

The samples of ore that I had assayed and of which you have a report was taken from 4 different areas on the Claims. I have marked on the sketch on back of the 4 quartz beds in ink as the locations they were taken from. Then I pulverized them and obtained the result of 1.64.

Yours very truly

R. S. Tappan

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED

1956 NOV 7 AM 9:59

RENO, NEVADA

R. S. Tappan
156-N. Tulip
Escondido, Cal.

Mr S. Ricker
1605. Evans Ave.
Reno, Nevada

REFER TO	NOTED	DATE
S Ricker		
Ch Smith	RMA	11/7
ANSWERED		

SUBJECT: DMCA-4469
Re: Exploration assistance
Sundown & Sunrise Claims

Dear Sir

I received your letter of October 30th 1956. At your request I am sending a sketch of Claims. Also information as to costs of exploration.

I wish to strip with bulldozer along each Quartz lead shown in (Sketch). A great amount of this development could be done by stripping. I do not think Core drilling or tunnel work or shaft sinking would be necessary for sometime.

And Gutierrez as I stated before, we would furnish the bulldozer and Compressor equipment.

I have based the results as shown below on a 6-Months contract, or 150 working days. But the development work might be completed in 3. Months.

	per hr	per day	6-Months 150 days. per Contract
Bulldozer, Compressor & Equipment	$10.00	$80.00	$12,000
Powder, Cap & Fuse			400
Labor and Misc per day		$30.00	4,500
			$16,900

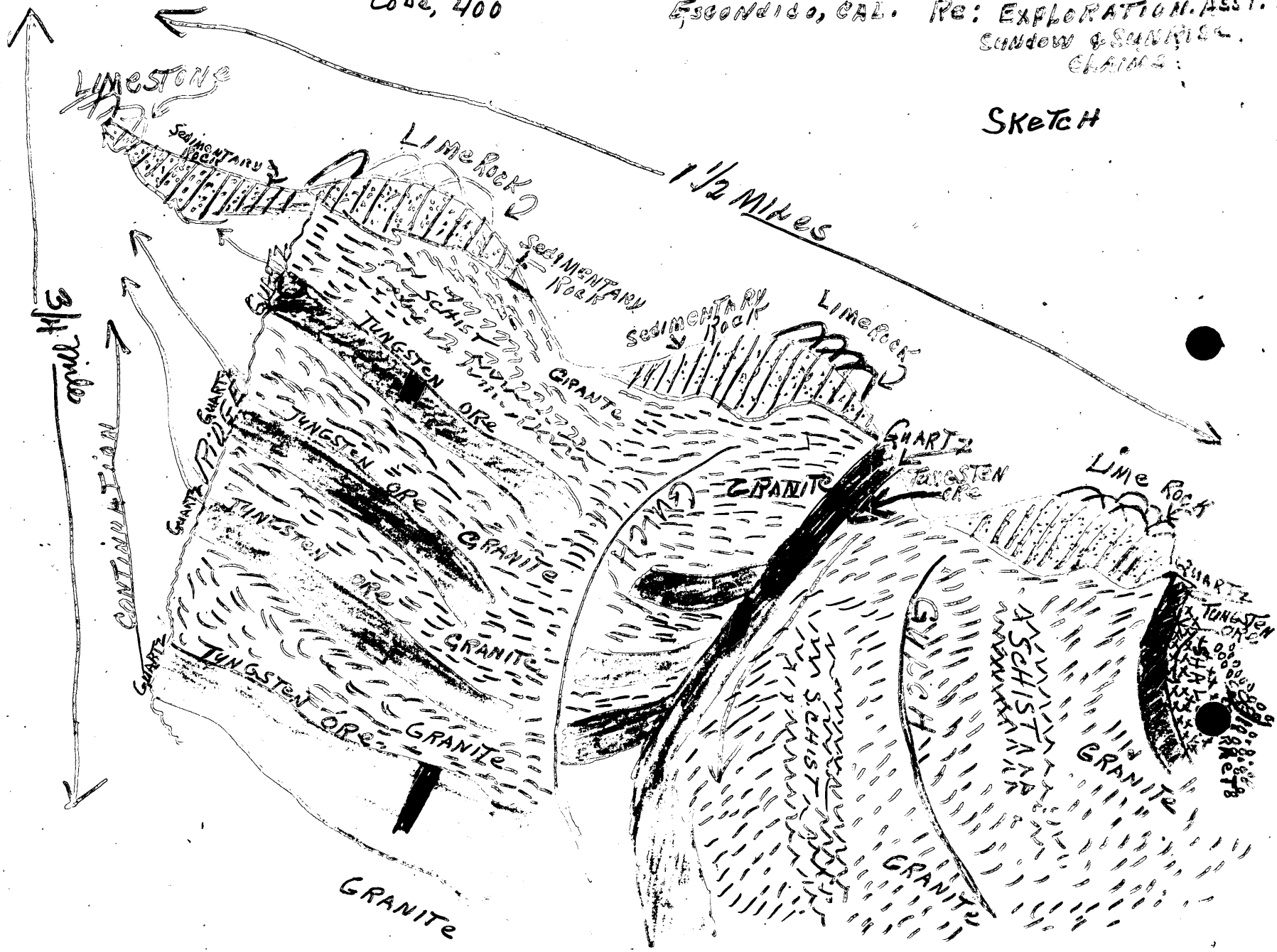
Yours Very Truly
R. S. Tappan

REGION 11.
RENO. NEVADA
CODE, 400

R. S. TAPPAN
156 N. TULIP
ESCONDIDO, CAL.

SUBJECT: DMEA-4469
RE: EXPLORATION ASST.
SUNDOW & SUNRISE
CLAIMS.

SKETCH



RECEIVED
NOV 9 1956
EDITORIAL

Defense Materials Procurement Administration
Washington 25, D. C.

1605 Evans Avenue
Reno, Nevada

November 7, 1956

Mr. R. S. Tappan
156 N. Tulip
Escondido, California

Re: Docket No. DMEA-4469
Sundown & Sunrise Claims
San Diego County, California
Loan Application (Tungsten)

Dear Mr. Tappan:

We received your letter and sketch map today which was sent in reply to Mr. Ricker's letter of October 30, 1956.

This information is being forwarded to Mr. W. S. Martin, in our Washington, D. C. office.

Yours Very truly,

Roscoe M. Smith
Acting Executive Officer
DMEA Field Team, Region II

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

NOV 1 Ricker D.M.E.A.

1605 Evans Avenue
Reno, Nevada

October 30, 1956

Mr. Ralph Stanley Tappan
156 North Tulip
Escondido, California

Re: Docket No. DMEA-4469
Sundown and Sunrise Claims
San Diego County, California

Dear Mr. Tappan:

Reference is made to your notation on letter of October 10, 1956, which you received from W. S. Martin, Chief, Iron and Ferro-Alloys Division, Washington, D. C.

There is nothing much we can do for you in helping you submit the data requested unless you care to visit this office. The questions are quite definite and you surely have some idea as to the location and type of exploration work you wish to do. We cannot justify the expenses of an examination by Government engineers unless you can supply us with at least some of the data requested by Mr. Martin.

Have you replied to question No. 3 relative to whether or not the assay return was from a specimen sample or a cut sample over a definite width?

We would be pleased to have you visit this office at your convenience any day, Monday through Friday, between 8 a.m. to 5 p.m.

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

SRicker:ft
cc: Opr. Com., DMEA, Interior Bldg., Wash., D.C.

DOCKET
SURNAME
Chapman
Martin
Mitchell

400

OCT 10 1956

Mr. Ralph Stanley Tappan
156 North Tulip
Escondido, California

Re: Docket No. DMEA 4469 - Tungsten
Sundown and Sunrise Claims
San Diego County, California

Dear Mr. Tappan:

Reference is made to your request for exploration assistance on the above noted property. Review of your application indicates that in order to determine whether a field examination is justified we should have further information as follows:

1. A sketch map showing the approximate location of veins on claims, points at which work was done, and general structure and formation of the area.

2. An approximate estimate of the type, amount, and cost of work required to explore the area, stating whether the project would include bulldozer trenching, diamond drilling, pits, shafts or crosscutting and drifting.

3. Please advise us whether the assay return you enclosed represents a specimen sample or a cut sample over a definite width, and indicate on your map the point at which it was taken. Other assay returns, if available, would be appreciated.

If you require assistance in providing us with such information please consult Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada.

Sincerely yours,

TLChapman/foc
10/10/56
cc to: Docket
Code 400
Admr. Read. File
FT. REG. II
Messrs. R. W. Holliday, USBM
T. H. Kiilsgaard, USGS

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

R.C.L.

Docket

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

RECEIVED
SEP 27 1956

Date September 26, 1956

WSM

DMEA Docket No. 4469
DMEA Contract No.
Commodity Tungsten
Name of applicant Ralph Stanley Tappan
Name of property Sundown 1 & 2-Sunrise 1,2,3 & 4
Location of property Escondido, California
Estimated cost of project

Memorandum

To: W. S. Martin, Chief, Iron and Ferroalloys Division-DMEA
Through: Chief, Branch of Ferrous Metals & Ferroalloys

From: R. W. Holliday, Commodity Specialist, Branch of Ferrous Metals & Ferroalloys

Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 9/17/56. 2. Date received by reviewer: 9/21/56.
3. Prior reports on this property known to reviewer: Yes [ ], No [x].
4. Prior reports on nearby properties known to reviewer: Yes [ ], No [x].
5. Information available on past production: Yes [ ], No [x].
6. Other pertinent factors known to reviewer: Yes [ ], No [x].
7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location [ ]
   b. Ownership [ ]
   c. Evidence of mineralization [x]
   d. Geology [x]
   e. Proposed exploration method [x]
   f. Alternate exploration method [ ]
   g. Costs [ ]
   h. _____ [ ]

9. Action advised:
   a. Obtain information from applicant [x]
   b. Refer to Field Team [x]
   c. Denial [ ]
   d. Agree with Field Team [ ]
   e. Disagree with Field Team [ ]
   f. Suggest alternate plan [ ]
   g. Request another examination [ ]
   h. Approval [ ]
   i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary) Applicant provides no evidence of mineralization, and outlines no definite program of exploration. More information is needed either from the applicant or from the Field Team in order to appraise this application.

RW Holliday
R. W. Holliday

IN REPLY REFER TO:

Docket

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

September 19, 1956

Re: DMEA 4469
Ralph Tappan, et al.
Starr Group
San Diego Co., California
Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicants request assistance in exploring tungsten-bearing quartz veins in the vicinity of the contact of limestone and schist with granite probably a tactite zone.

No definite program is outlined -- the applicants expect the examiners to devise a program. Excavating and drilling are mentioned.

No sampling appears to have been done, no widths are given and no lengths, except that the veins extend to the top of the ridge.

Perhaps a questionaire would elicit from the applicants information to be used in judging the application.

Otherwise referral to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

September 18, 1956

Mr. Ralph Stanley Tappan
156 N. Tulip
Escondido, California

Subject: DMEA-4469
Re: Exploration Assistance
Sundown & Sunrise Claims

Dear Mr. Tappan

Your application for exploration assistance, dated September 4, 1956 submitted to our office at Reno, has been assigned Docket Number DMEA-4469 and referred to the Iron and Ferro-Alloys Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

Sincerely yours,

Allen S. Dakan, Chief
Operations Control and
Statistics Division

Copy to:

Region II. Reno, Nevada
Code 400

3571

10 m Ea

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

RECEIVED
SEP 17 1956

1605 Evans Avenue
Reno, Nevada

September 14, 1956

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Tungsten)
R. S. Tappan, et al (partnership)
Sundown and Sunrise claims
San Diego County, California

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

Please note that the applicant, R. S. Tappan, wishes the 6 attached Notices of Location returned to him, 156 N. Tulip, Escondido, California.

S. Ricker

Attach.

BUREAU OF MINES
WASHINGTON, D. C.

SEP 17 9 02 AM '56

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

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S. Ricker

Attach.

SRicker:gh
cc: R. M. Smith
File

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP 17 1956

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. 4469
Metal or Mineral Tungsten
Date Received ~~9-14-56~~ 9-17-56
Estimated Cost Not given
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: RALPH STANLEY TAPPAN - 156 - N. Tulip - ESCONDIDO. Calif.
GLEN R. HUNTAMER. STAR Route, JULIAN, Calif
HANS STARR. STAR Route, Ramona. Calif.
MARY STARR. STAR Route. RAMINA. Calif.
Partnership

(*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 Land located on San Felipe area. San Diego County Calif. T12S-R.4E. Sec 22 & 23. San Felipe Valley Mt. Mining district comprising some several mineral acres. Deeded to and owned by Hans Starr and Mary Starr. (mineral rights included.)

(*b*) State any mine name by which the property is known. Sundown #1 & 2. Sunrise #1, 2, 3 & 4

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Have 1/3 interest in Conjunction with Hans Starr & Mary Starr, as to the mineral rights.

(*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. Submitting (6) filed and recorded Mining Claims.

(*e*) If you own the land, describe any liens or encumbrances on it Land owned by Hans Starr and Mary Starr, (no liens or encumbrances.)

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Sundown #-1-Book-6074-Page 584 Sunrise #-1-Book-6074 Page-580 Sunrise #-4 Book-6135 Page-146
Sundown #-2-Book-6135-Page 144 Sunrise #-2-Book-6074 Page-582
Sunrise #-3-Book-6135 Page-148

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

(*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" Tungsten

(*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 30 days and be completed within 12 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?

☐ 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 Sept 4th, 1956

Ralph Stanley Tappan
(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

D. M. E. A.

R. S. Tappan
156-N. Tulip
Escondido
Cal.

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SEP 17 1956

Application for Aid. Production act of 1950.

#4. (a) A considerable amount of Bulldozer work has been done in the form of Cross Cutting of quartz leads showing Tungsten Ore. Also roads have been built along the base of ridge and on the ridge. There has been several thousand dollars spent in development work. Property is about a mile from State Hi-way. One can drive on to the property in a Passenger Car.

(B) No ore production as yet.

(C) The ridge which forms the Larger part of the deposit, is several miles long and has a Northwesterly trend, and is a Part of the Large Volcan Mountain it self. Large quartz leads (which all assay Tungsten Ore) shows from the bottom of the Canyon running the full length, and extending to the Very top of ridge.
Geologic exposures at the bottom of Canyon and extending to the top of Ridge are of Granite (major) Quartz Veins. Schists and Calcite or Lime. Lime extends full

R. S. Tappan
Escondido Calif

length of ridge, as also does the Quartz. Mineralization is present in and on all these Quartz leads as a Vein deposit.
I wish to explore and develope this property because of the "Strategic" minerals "Tungsten" that is deposited there.

(D) Property is easy reached. Only a mile and half from paved Hiway and a good road leads to it. Fifteen mile to a mill at Julian Calif. ("Supply and residence points could be San Pellepe Calif.")

(E) Manpower? Available.
Materials? Available.
Supplies? Available
Water + Power? Available.

#5. (A) Tungsten.

(B). Wish to excavate along each Quartz lead and Contacts. Drill to determine depth of ore and extent of deposit.

3 -

R.S. Tappan
Escondido Calif

(D) I have fifteen years experience in Mining hard rock, Mining Coal Mines Open pit. Have worked in Mills, and have had considerable experience in operating of Machinery. I wish to supervise the operations with the aid of Your Engineers.

D.M.E.A.

Letter form: A Part of D.M.E.A. Application for aid on Property (Tungsten). San Felipe district, San Diego County, California.

Gentlemen: Seek your advice on question #6 to #6A. Conclusive,

In answering and furnishing an itemized statements on the questions referring to Costs, and expenditure of money - Gentlemen we would like to Consult with your representative personally.

I am enclosing six (6) filed and recorded claim locations. Please return these to me when you are thru with them.

Hoping to hear a favorable answer from you soon.

Yours Very Truly
R. L. Tappan
156-N. Tulip
Escondido, Calif.

METALLURGICAL ANALYSIS REPORT

Clarkson Chemical Laboratory

SPECTROGRAPHIC ANALYSIS

CHEMISTS and ASSAYERS

1550 6th Ave. San Diego 1, California Phone F-3086

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SEP 17 56

Mr. R.S. Tappan

July 18, 1956

LAB. NO.	OWNERS MARK	METAL	OUNCES PER TON	$ VALUE PER TON	PER CENT
E-1653		Tungsten(WO_3)	----------	----------	1.64 %

BY A R Shannon

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SPECTROGRAPHIC ANALYSIS

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R.S. TAPPAN

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