400

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

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 our information, although noting tungsten mineralization on the Winnie and Maren Sophie groups of claims, indicates to us that the probability of disclosing minable tungsten ore reserves 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 Administration program and for bringing this property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
FT, Reg. 2
R. W. Holliday, USBM
Thor Kiilsgaard, USGS

SPHolt/ls
10/1/56

October 1, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $85,000.00
Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

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

(1) The applicant, Jack J. Lieder, 440 Court Street, San Bernardino, California, requested exploration assistance in the amount of $85,000.00 for rehabilitation, shaft sinking, crosscutting, and drifting on the Winnie and Maren Sophie groups of claims.

(2) The applicant controlled, by lease from the owners, A. L. Daly and Mike Dravis, the Winnie group of three unpatented lode mining claims, situated in the Stringer Mining District, in sec. 11, T. 30 S., R. 40 E., M.D.B. and M., Kern County, California, and recorded in the Rand Mining District Records at Bakersfield, Kern County, California, as follows:

Claim Name	Volume	Page
Winnie Mine	1	189
Winnie No. 1	1	189
Little Johnie	1	189

The applicant also controlled, with his partner, LeRoy D. Petterson, by right of re-location, the Maren Sophie group of three unpatented lode mining claims, situated in sec. 11, T. 30 S., R. 40 E., M.D.B. and M., Stringer Mining District, Kern County, California, and recorded with the County Recorder of Kern County at Bakersfield, California, as follows:

Claim Name	Book	Page
Maren Sophie No. 1	2529	388
Maren Sophie No. 2	2529	389
Maren Sophie No. 3	2529	390

Mr. LeRoy D. Petterson, in a letter dated August 28, 1956, indicated that the lease on the Winnie group had been cancelled, and that the re-location of the Maren Sophie group was invalid.

(3) The proposed program is to explore the tungsten deposits on the Winnie and Maren Sophie groups of claims by rehabilitating the Little Johnie shaft to the 250-foot level, sinking it an additional 150 feet, rehabilitating about 800 feet of old mine workings, then drifting and crosscutting unspecified distances on the 325-foot and 400-foot levels.

(4) In the area of the Winnie and Maren Sophie groups of claims a little tungsten occurs as scheelite in steeply dipping westerly trending gold-bearing quartz veins which cut steeply dipping northerly trending schists. There are no reserves of any class of either tungsten or gold ores.

(5) The Field Team, because of the improbability that ore extends below the old workings, because of the low grade of the few tons of ore reportedly mined, and because there is no definite target for the proposed exploration, concludes that the probability of making a significant discovery is poor, and recommends that the application be denied. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

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

SPHolt/ls
10/1/56

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File

IN REPLY REFER TO:

400

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

RECEIVED
SEP 24 1956

September 21, 1956

Re: DMEA 4233
Jack J. Lieder
Winnie and Maren Sophie Groups
Kern Co., California
$85,000 - Tungsten

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in rehabilitating and doing work in old mines across a ridge from the Atolia District mines.

The rehabilitation work included 250 feet of work in the Little Johnnie shaft. The shaft to be redone and 5 others cannot be entered and justification of the proposed work would seem to be based largely on hope and gossip. The gold veins are known to be scheelite-bearing in places. It must be concluded that the gold mines were long since 'bottomed' and the tungsten content too indefinite to make a target and warrant work.

The examiners and the Field Team recommend denial of the application.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-9/21/56

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

400

RECEIVED
SEP 24 1956

September 20, 1956

Memorandum

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

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

Subject: Review of Examination Report
Docket No. DMEA-4233 (Tungsten)
Jack J. Linder
Winnie Group and Maren Sophie Group
Kern County, California

Subject report recommends denial of the application because "the probability of a significant discovery is poor."

I concur in the recommendation.

R. W. Holliday

400

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

RECEIVED
SEP 10 1956

1605 Evans Avenue
Reno, Nevada

September 17, 1956

W34

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie Group and Maren Sophie Group
Kern County, California
(Your letter, June 21, 1956)

Enclosed are four copies of a report on subject property by D. B. Tatlock, Geological Survey, and B. H. Sheahan, Bureau of Mines, in which it is recommended that the Application for DMEA exploration aid be denied.

Roscoe Smith and I concur in the recommendation.

S. Ricker

Encls.

Reviewed by
DMEA OPERATING COMMITTEE

(date)

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SEP 1 0 1956

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie group and Maren Sophie group
Kern County, California

by

B. H. Sheahan
U. S. Bureau of Mines

D. B. Tatlock
U. S. Geological Survey

September 14, 1956

Reviewed by
DMEA OPERATING COMMITTEE

(date)

Contents

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ILLUSTRATIONS

Figure 1	Location map
2	Geologic map

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SEP 1 0 1956

INTRODUCTION

Mr. Jack J. Lieder, 440 Court Street, San Bernardino, California applied to Defense Minerals Exploration Administration, DMEA-4233, for Government assistance in an $85,000.00 program to explore for tungsten at the Winnie and Maren Sophie groups of claims in the Stringer mining district, Kern County, California.

The Operating Committee referred the application to the field and the property was examined on August 14, 1956 by B. H. Sheahan, U. S. Bureau of Mines, and D. B. Tatlock, U. S. Geological Survey. Mr. Jack J. Lieder and his partner, Mr. LeRoy D. Petterson, accompanied the examiners.

The applicant proposed to rehabilitate the Little Johnie shaft to the 250-foot level, and to sink an additional 150 feet, and then to crosscut and drift on the 325- and 400-foot levels.

In addition to inspecting the property, the examiners interviewed Mr. Frank Royer, mining engineer and owner of the Kelly Mine, Red Mountain, California; and Mr. Paul D. Hoefling, mining engineer, Surcease Mining Co., Atolia, California, to obtain additional information.

CONCLUSIONS AND RECOMMENDATIONS

A little scheelite occurs in steeply-dipping, west-trending, gold-bearing quartz veins that cut steeply-dipping, north-trending schist.

There are no reserves of any class of either tungsten or gold.

It is recommended that the application for Government assistance be denied because of the improbability that ore extends below the old workings, and because of the low grade of the few tons of ore reportedly mined. As there is no definite target, the probability of a significant discovery is poor.

The applicant lacks mining experience and is not familiar with the property.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The claims are in sec. 11, T. 30 S., R. 40 E., M.D.B.&M., Stringer mining district, Kern County, California on the southeast flank of the Rand Mountains at an altitude of 3800 feet.

To reach the property from Randsburg, California follow the paved Atolia road southeasterly 1.3 miles, turn right and follow a narrow paved road southerly 1.0 mile, turn right and follow a dirt road westerly 0.1 mile, turn left and follow a steep, narrow road southerly 0.4 mile to a cabin on the Winnie claim.

Randsburg is the nearest source of labor, supplies, water, and living accommodations.

HISTORY AND PRODUCTION

One of the first discoveries of gold-silver ore in the Springer mining district was made at the Winnie claim. The area was active from about 1895 to 1925 and small lease operations have been conducted intermittently to the present time. After 1940 most operations were closed due to economic conditions and the depletion of the ore bodies.

Mr. Jack J. Lieder, a retail furniture dealer, and his partner, Mr. LeRoy D. Petterson, a pharmaceutical chemist, became interested in the property in 1955. Both partners lack mining experience and are not familiar with the district or the mines.

Recent production by the applicant and associates amounted to 15 tons of ore from the 50-foot level from which 113 lbs. of a scheelite-bearing concentrate were recovered by the Burt Michelson mill at Randsburg.

PROPERTY AND OWNERSHIP

The Winnie group of claims are owned by Mr. A. L. Daly of Cantil, California and Mr. Mike Dravis of Randsburg. The Maren Sophie group were relocated by Mr. Jack J. Lieder and Mr. LeRoy D. Petterson in November 1955. The applicant had a five-year lease on the Winnie group.

The claims are recorded in the Rand mining district, Bakersfield, Kern County, California. A letter dated August 28, 1956 from Mr. LeRoy D. Petterson indicated that the lease on the Winnie group was cancelled and that the relocation of the Maren Sophie group was not valid.

DEVELOPMENT

The Winnie group of claims are developed by at least six inclined shafts on the veins and judging from the size of the dumps there must be several thousand feet of underground workings. Every shaft observed was either completely inaccessible or the ladder was too hazardous to risk trying to enter the workings.

The veins have been stoped through to the surface and range from two inches to three feet in width. A map of the underground workings was not available. One tunnel on the Winnie Mine claim was accessible and is indicated on the geologic map, figure 2.

A list of available equipment follows:

Item	Condition
1 Air compressor, 100 cfm., single stage.	Poor.
1 Tractor, D-2.	Fair.
2 Jackhammers, drill steel hose and pipe.	Poor.
1 Hand winch, 1/4 inch cable, carbide can-bucket.	Poor.
1 Headframe and rope pulley.	Very poor.
1 1-ton delivery truck.	Poor.

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SEP 1 0 1956

SAMPLING

Open cuts, dumps, and surface exposures were lamped with ultra-violet light, and the following samples were taken:

Sample No.	Width, feet	% WO_3	Oz./Ton Au.	Oz./Ton Ag.	Remarks
S-515	3.0	<0.01	0.01	Trace	Schist with quartz veinlet, west face of drift from tunnel, sample location indicated on map, figure 2.
S-516	grab	0.33	0.02	Trace	One ton selectively mined material screened to 1/4 inch and coarse hand-sorted, typical of material recently mined.

GENERAL GEOLOGY AND ORE DEPOSITS

The Winnie group of claims is underlain by the Rand schist of probable Precambrian age which consists predominantly of biotite-albite schist, amphibole schist, and quartzite. The schist was intruded by the Atelia quartz-monzonite of Jurassic age, which crops out about a mile north of and a mile south of the mine area, and also by later diabase, rhyolite, and latite dikes.

In the vicinity of the mine the schist strikes northerly and dips steeply both east and west.

Gold-bearing quartz veins were formed in steeply-dipping fault fissures that strike from N 60° W to S 65° W. The veins

range in width from a few inches to as much as 3 feet. In the mine area almost all of the veins have been stoped to the surface along strike lengths of from 40 feet to as much as 200 feet. Little or no replacement of the wall rocks was seen on the surface.

As reported by Hulin[1/], gold was the chief ore mineral in the Winnie mine, but "small to moderate quantities" of scheelite occurred in many of the gold veins of the district. "The major portions of the gold ores which have been mined in this region have been oxidized. In only a few mines have the primary sulfide ores been encountered, and in practically every case they have been too low grade to work."

Hulin believes that both the scheelite and the gold are epithermal. In the Atolia district, four miles southeast of the Winnie mine, most of the scheelite-bearing quartz veins have feathered out at depths of less than 200 feet, and in the Stringer district, which includes the Winnie mine, it is reported that most of the gold-scheelite veins bottomed at less than 250 feet.

1/ Hulin, C. D., 1925, Geology and Ore Deposits of the Randsburg quadrangle, California: Calif. State Mining Bureau Bull. 95.

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SEP 1 0 1956

ORE RESERVES

There are no reserves of any classification except for a few tons averaging less than 0.3 percent WO_3 reported to be blocked out at about the 50-foot level in the shaft 150 feet east of the adit entrance (figure 2). Total resources in the Stringer district are probably several tens of thousands of tons averaging less than 0.05 percent WO_3.

PROPOSED EXPLORATION

The applicant proposed to explore the Winnie property by rehabilitating the 250-foot Little Johnie shaft (figure 2), and sinking an additional 150 feet to the 400-foot level from which a crosscut was to be driven north and all veins encountered were to be drifted on both east and west. The program also included the rehabilitation of 800 feet of old workings. The program was rather indefinite as the applicant had no maps of the surface or of the old workings.

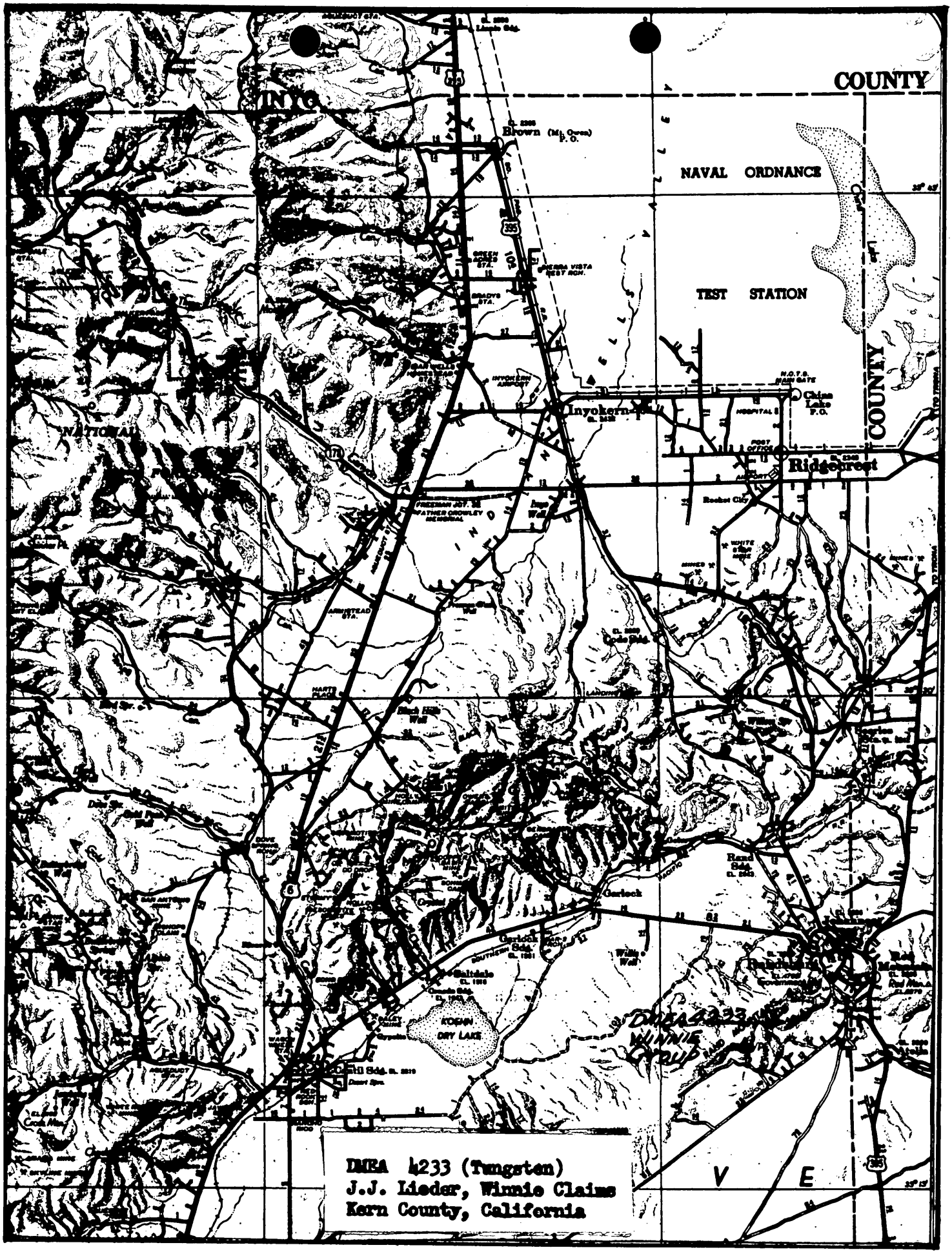

FIG. 1 LOCATION MAP CALIFORNIA

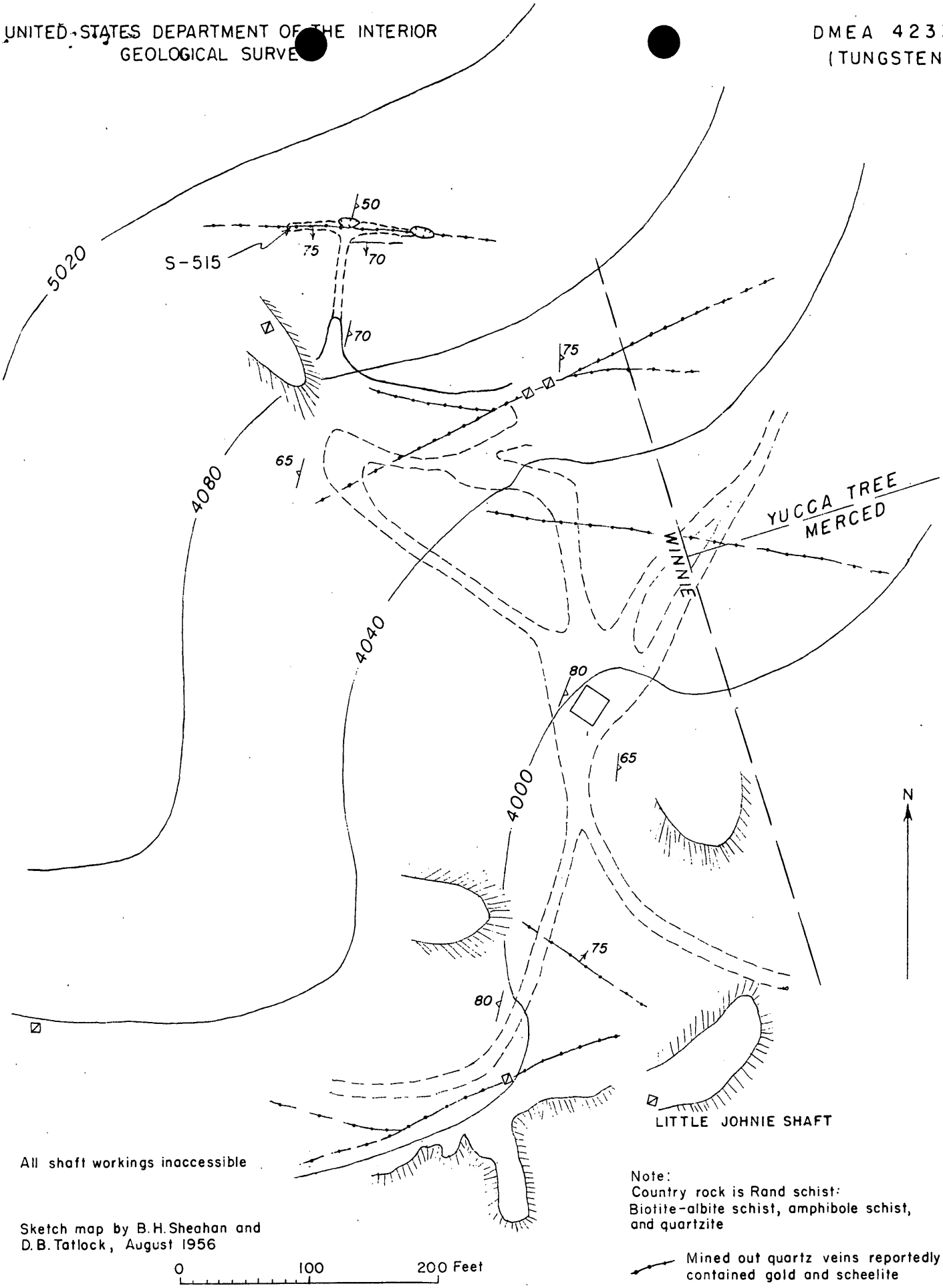

Figure 2. PART OF WINNIE GROUP, KERN COUNTY, CALIFORNIA

400

SEP 6 1956

Mr. LeRoy H. Patterson
2430 Muscupiabe Drive
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Patterson:

This will acknowledge receipt of your letter of July 3, 1956, with postscript of August 28, discussing your interest in the subject application.

Please be assured that the Defense Minerals Exploration Administration will not enter into any project covering Government exploration assistance unless the applicant has clearly established his interest in the property and the owners have given a consent to lien thereon.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

cc: Docket
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
R. W. Holliday, USBM
Field Team, Region 2

WSMartin/ls
9/6/56

400

COPY

THE PETTERSONS
2430 Muscupiabe Drive
San Bernardino, Calif.

July 3, 1956

DMEA-4233

Mr. C. O. Mittendorf
Administrator, DMEA
Washington, D. C.

Re: Docket No. DMEA-4233, Tungsten
Winnie Group & Maren Sophie Group

Dear Sir:

After doing research at the court house in Bakersfield I find that our title on the Maren Sophie group is not good. Therefore we erred in putting it up before your group for consideration. I did not at first go into the legality of these claims because it was generally conceded that foreigners cannot hold mining claims. But I believe that the courts have ruled that the claims were in the hands of administrator and could not be filed upon. If that is so, our claim to them is not legal.

2nd Jack Leider filed in his own name for the loan when the lease from Al Daley and Mike Dravis on the Winnie and the Little Johnnie Group is in the Name of LeRoy D. Petterson and Jack Leider.

I gave Jack $300.00 to buy equipment for these claims over a month ago now and he closed up his shop on Mt. Vernon Ave. and is gone I do not know where. If he got the loan he certainly is not letting me know about it and he is making himself very hard to find.

He told people here that he had rented a large store on E Street in San Bernardino and was going to open a big store in September. He did not tell me these things and I am supposed to be his partner.

If he got the loan he is surely not spending either it or the money I advanced on the properties for which the loan was made. I do not want to be a partner in any such misappropriation of Federal Funds & suggest that the loan not be made.

Yours respectfully

Le Roy D. Petterson, Ph. C.

/s/ LeRoy D. Petterson, Ph.C.

P.S. I wrote the geo. report on these claims & my name should appear as one of the principals, but as it stands I have no control over these funds at all.

(Penned note at bottom of page: This is now Aug. 19th. I turned this info. over to Keneth Dial (?) on the July 3rd & thought the loan had been killed.
/s/ LeRoy Petterson, Ph.C.)

C O P Y

THE PETTERSONS
2430 Muscupiabe Drive
San Bernardino, Calif.

August 28, 1956

C. O. Mittendorf
Washington, D. C.

Re: DMEA 4233, Tungsten
Jack Leider

The first page of this letter was written on July 3, 1956. I gave this information to Jack Leider's agent and supposed that it had been forwarded. Then about three weeks ago two men from the office of S. Ricker came to Randsburg to look over the property. I supposed at that time that Jack Leider had cleared the title and lease dispute but such is evidently not the case. I had not seen Jack for three or four weeks prior to the trip to Randsburg, but when he called and asked me to go to Randsburg to consult with the geologist and mining engineer from Reno I supposed that he was again, or rather at last, going to play fair, but such does not seem to be the case.

He confided to me that day that he was going to get a box at the Post Office and have all his mail sent to that address. I thought little of this at the time but now it seems that there are other plans afoot. The address that your office has been sending his mail is the office of the Pioneer Title and Trust Co. in San Bernardino and as long as they were handling the matter I did not worry too much. But now it seems that they are not active and that Jack Leider is going it alone. I have not seen Jack Leider since I took him to Randsburg to interview the very fine men sent out from the Reno Office. Neither have Mr. Al Daly of Box 42, Cantil Post Office or Mike Dravis of Randsburg, who are the owners of the Winnie and the Little Johnnie Group.

Mike Dravis informed me by phone Saturday that they were taking steps to void the lease given to Jack Leider and LeRoy D. Petterson Oct. 30, 1955. This is the lease upon which Jack Leider's application is based. In the first place it should have been applied for in the name of both parties of the lessees, but since it was being handled by an officer for the Pioneer Title and Trust Co. I was not too insistent upon changing his application. Now it seems that the officer at the Pioneer Title & Trust Co. has also lost confidence in Jack Leider. Therefore, I again insist that this loan be denied. I do not care to be responsible in any way for any money that Jack Leider may want to borrow, either from the Federal Government or elsewhere.

I have been very lothe to send such a letter to anyone about any persons, but it seems that in self defense and in defense of my own name and property that this odious task is imperative.

Yours very truly,
/s/ LeRoy D. Petterson, Ph.C.
LeRoy D. Petterson

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

407

RECEIVED
AUG 13 1956

1605 Evans Avenue
Reno, Nevada

Aug. 9, 1956

Copy retained 400

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

An examination of your property in connection with your DMEA application is being scheduled for Tuesday, August 14, 1956. Will you, or your representative, please meet Mr. B. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and Mr. D. B. Tatlock, Geogelist, U. S. Geological Survey, at the U. S. Post Office, Randsburg, California, at 10:00 AM on that date and accompany them to your Winnie Group and Maren Sophie Group of claims?

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

SRicker:ft
cc: Opr. Com., DMEA, Wash. D.C.
Finance Off.
R. M. Smith
D. B. Tatlock
B. H. Sheahan
File

400

6/21/56

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

Re: Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Ricker:

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

Copies of memoranda dated April 5 and April 11, 1956, by N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the project, are enclosed. Also transmitted herewith are copies of letter of June 14, signed "LeRoy D. Petterson, by Jack J. Lieder," with attached map.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

Enclosures

APPROVED:

P. F. Yopes
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region 2

TLChapman/ls
6/20/56

400

JUN 21 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

This will acknowledge receipt of your letter of June 14, 1956, supplying additional information which we requested concerning the subject property.

Your application for exploration assistance for tungsten ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and is being referred to Mr. Spangler Rieker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance that you can give the examining engineers will be appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region 2

TLChapman/ls
6/20/56

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

400

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA 4233 - Tungsten
Winnie Group and Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

Reference is made to the above docketed application for exploration assistance and our letter of April 11, 1956, which asked you to submit additional details of your proposed program and a copy of your lease covering the Winnie Group. We have not received the requested data, and therefore assume you no longer desire to proceed with the application.

We wish to cooperate with you in the matter of allowing ample time, but if the suggested additional information has not been received by July 31, 1956, we will then remove the application from the active file and consider the matter closed.

Sincerely yours,

Administrator

400

April 11, 1956

Memorandum

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

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

Subject: Application
Docket No. DMEA 4233
Winnie Group and Maren-Sophie # 1, 2 and 3
Kern County, California
Jack J. Lieder
440 Court Street
San Bernardino, California
$85,000-Tungsten

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APR 13 1956

Subject application proposes rehabilitation of 250 feet of inclined shaft, 800 feet of tunnels and 150 feet of sinking (to the 400 foot level); an unspecified amount of drifting and cross cutting on the 325 and 400 foot levels and repair of equipment.

Past production appears to be mainly gold. The application does not give sufficient information to determine the likelihood of making a significant tungsten discovery and detailed discription of the proposed work is lacking.

A referral to the field team for appropriate action is recommended.

R. W. Holliday

APR 11 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA 4233 - Tungsten
Winnie Group and Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

Reference is made to your application for exploration assistance for tungsten ore on the above noted groups of claims.

We regret that in order to process your application we must also ask you to submit additional data as follows:

1. A map showing workings to be rehabilitated, in plan and section if available.

2. The map should show the proposed new work in relation to the old workings and the property lines.

3. An estimate of cost for repairing or replacing the headframe, and any necessary buildings and machinery.

4. An estimate of cost for rehabilitating and sinking the shaft, with information on size of shaft and number of compartments.

5. An estimate of cost of drift rehabilitation, any necessary timbering, and track laying with such detail as weight of rail to be used.

6. An estimate of footage of proposed drifts and crosscuts with estimated costs per foot for advance and for timbering if necessary.

7. An estimate of the footage and cost that would be necessary to connect the Winnie workings with the Little Johnie crosscut.

If it seems advantageous to the Government and the applicant we may prefer to set up each item on a unit cost basis. Such details as you submit will aid us describing the work and in arriving at a reasonable cost for the same.

In addition to the foregoing information as to your proposed program, it will be appreciated if you will submit to us a copy of your lease covering the Winnie Group.

If a contract should subsequently be recommended it will then be necessary to obtain the signature of the owners of the leased property to the seven enclosed copies of our Form MF-203, "Consent to Lien". In that event six signed copies should be returned to us and one is for your files.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosure

WSMartin/TLChapman/foc
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. II
Messrs. Holliday, USBM
Kiilsgaard, USGS

IN REPLY REFER TO:

400

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

RECEIVED
APR 10 1956

April 5, 1956

Re: DMEA 4833
Jack J. Lieder
Winnie Mine
Kern Co., California
$85,000.00 - Tungsten

Memorandum

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

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

Subject: Review of application.

The applicant requests assistance in rehabilitating and doing work in old mines "across a ridge" from the highly productive Atolia District tungsten veins.

The proposed work consists of:--

Rehabilitation of shaft and shaft sinking, Little Johnie mine	$25,000.00
Drifting, Little Johnie mine	20,000.00
Crosscutting, Little Johnie-Winnie mine	20,000.00
Repairs to machinery	5,000.00
Rehabilitation and drifting, Winnie mine	15,000.00
Total	$85,000.00

The Atolia District was a large producer of tungsten during the heyday of the Union mine and the Atolia Mining Co., but the activity seems not to have extended generally to the old gold mines "across the ridge."

I have not identified the ground included in the referenced property with claims shown on a map of the Randsburg district. C. B. Hulin, 1925, Geology and ore deposits of the Randsburg Quadrangle, Bulletin No. 95, California State Mining Bureau. However, it is an area of which Hulin says, "Still further north and northwest, in the Stringer District, scheelite has been reported from many veins worked for their gold content. The presence of scheelite has been recognized in gold ores from veins on the Gold Bug, Winne, Baltic, Sidney Peak, St. Elmo and other properties. Veins on the Jersey Lily claim were worked for their

scheelite content during the period of the World War, while at one time the Yellow Aster Mining and Milling Company installed a concentrator to save the scheelite present in the gold ores of the Yellow Aster Mine."

No production data are given.

If work done since Eulin wrote has changed the outlook, the work outlined by the applicant may be warranted. More timely information is needed.

Referral to the Field Team for suitable attention is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-4/5/56

cc: Director's reading, 4212
Branch reading, 4212
BMEA (3)
Docket file
R. Holliday, 3513

CW

DOCKET
Surname: Holt
Martin
Lamb
Selfridge

400

OCT - 4 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

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 our information, although noting tungsten mineralization on the Winnie and Maren Sophie groups of claims, indicates to us that the probability of disclosing minable tungsten ore reserves 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 Administration program and for bringing this property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
FT, Reg. 2
R. W. Holliday, USBM
Thor Kiilsgaard, USGS

SPHolt/ls
10/1/56

PCH.

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

October 1, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $85,000.00
Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

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

(1) The applicant, Jack J. Lieder, 440 Court Street, San Bernardino, California, requested exploration assistance in the amount of $85,000.00 for rehabilitation, shaft sinking, crosscutting, and drifting on the Winnie and Maren Sophie groups of claims.

(2) The applicant controlled, by lease from the owners, A. L. Daly and Mike Dravis, the Winnie group of three unpatented lode mining claims, situated in the Stringer Mining District, in sec. 11, T. 30 S., R. 40 E., M.D.B. and M., Kern County, California, and recorded in the Rand Mining District Records at Bakersfield, Kern County, California, as follows:

Claim Name	Volume	Page
Winnie Mine	1	189
Winnie No. 1	1	189
Little Johnie	1	189

The applicant also controlled, with his partner, LeRoy D. Petterson, by right of re-location, the Maren Sophie group of three unpatented lode mining claims, situated in sec. 11, T. 30 S., R. 40 E., M.D.B. and M., Stringer Mining District, Kern County, California, and recorded with the County Recorder of Kern County at Bakersfield, California, as follows:

Claim Name	Book	Page
Maren Sophie No. 1	2529	388
Maren Sophie No. 2	2529	389
Maren Sophie No. 3	2529	390

Mr. LeRoy D. Petterson, in a letter dated August 28, 1956, indicated that the lease on the Winnie group had been cancelled, and that the re-location of the Maren Sophie group was invalid.

(3) The proposed program is to explore the tungsten deposits on the Winnie and Maren Sophie groups of claims by rehabilitating the Little Johnie shaft to the 250-foot level, sinking it an additional 150 feet, rehabilitating about 800 feet of old mine workings, then drifting and crosscutting unspecified distances on the 325-foot and 400-foot levels.

(4) In the area of the Winnie and Maren Sophie groups of claims a little tungsten occurs as scheelite in steeply dipping westerly trending gold-bearing quartz veins which cut steeply dipping northerly trending schists. There are no reserves of any class of either tungsten or gold ores.

(5) The Field Team, because of the improbability that ore extends below the old workings, because of the low grade of the few tons of ore reportedly mined, and because there is no definite target for the proposed exploration, concludes that the probability of making a significant discovery is poor, and recommends that the application be denied. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

W S Martin

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

DOCKET
Holt
Martin

October 1, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $85,000.00
Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

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

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(5) The Field Team, because of the improbability that ore extends below the old workings, because of the low grade of the few tons of ore reportedly mined, and because there is no definite target for the proposed exploration, concludes that the probability of making a significant discovery is poor, and recommends that the application be denied. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

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

SPHolt/ls
10/1/56

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File

IN REPLY REFER TO:

Docket

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

RECEIVED
SEP 24 1956

September 21, 1956

Re: DMEA 4233
Jack J. Lieder
Winnie and Maren Sophie Groups
Kern Co., California
$85,000 - Tungsten

WSM

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in rehabilitating and doing work in old mines across a ridge from the Atolia District mines.

The rehabilitation work included 250 feet of work in the Little Johnnie shaft. The shaft to be redone and 5 others cannot be entered and justification of the proposed work would seem to be based largely on hope and gossip. The gold veins are known to be scheelite-bearing in places. It must be concluded that the gold mines were long since 'bottomed' and the tungsten content too indefinite to make a target and warrant work.

The examiners and the Field Team recommend denial of the application.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

Copy retained 400

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

Docket

RECEIVED
SEP 24 1956

September 20, 1956

WSM

Memorandum

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

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

Subject: Review of Examination Report
Docket No. DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie Group and Maren Sophie Group
Kern County, California

Subject report recommends denial of the application because "the probability of a significant discovery is poor."

I concur in the recommendation.

R W Holliday
R. W. Holliday

Copy retained 400

DMEA

Docket

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

RECEIVED
SEP 19 1956

1605 Evans Avenue
Reno, Nevada

September 17, 1956

Memorandum

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

WBM

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie Group and Maren Sophie Group
Kern County, California
(Your letter, June 21, 1956)

Enclosed are four copies of a report on subject property by D. B. Tatlock, Geological Survey, and B. H. Sheahan, Bureau of Mines, in which it is recommended that the Application for DMEA exploration aid be denied.

Roscoe Smith and I concur in the recommendation.

S. Ricker

S. Ricker

Encls.

Reviewed by
DMEA OPERATING COMMITTEE
9-21-56
(date)

RECEIVED
SEP 19 1956

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie group and Maren Sophie group
Kern County, California

by

B. H. Sheahan
U. S. Bureau of Mines

D. B. Tatlock
U. S. Geological Survey

September 14, 1956

Reviewed by
DMEA OPERATING COMMITTEE
9-21-56
(date)

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Sampling	5
General Geology and Ore Deposits	5
Ore Reserves	7
Proposed Exploration	7

ILLUSTRATIONS

Figure 1	Location map
2	Geologic map

RECEIVED
SEP 19 1956

INTRODUCTION

Mr. Jack J. Lieder, 440 Court Street, San Bernardino, California applied to Defense Minerals Exploration Administration, DMEA-4233, for Government assistance in an $85,000.00 program to explore for tungsten at the Winnie and Maren Sophie groups of claims in the Stringer mining district, Kern County, California.

The Operating Committee referred the application to the field and the property was examined on August 14, 1956 by B. H. Sheahan, U. S. Bureau of Mines, and D. B. Tatlock, U. S. Geological Survey. Mr. Jack J. Lieder and his partner, Mr. LeRoy D. Petterson, accompanied the examiners.

The applicant proposed to rehabilitate the Little Johnie shaft to the 250-foot level, and to sink an additional 150 feet, and then to crosscut and drift on the 325- and 400-foot levels.

In addition to inspecting the property, the examiners interviewed Mr. Frank Royer, mining engineer and owner of the Kelly Mine, Red Mountain, California; and Mr. Paul D. Hoefling, mining engineer, Surcease Mining Co., Atolia, California, to obtain additional information.

CONCLUSIONS AND RECOMMENDATIONS

A little scheelite occurs in steeply-dipping, west-trending, gold-bearing quartz veins that cut steeply-dipping, north-trending schist.

There are no reserves of any class of either tungsten or gold.

It is recommended that the application for Government assistance be denied because of the improbability that ore extends below the old workings, and because of the low grade of the few tons of ore reportedly mined. As there is no definite target, the probability of a significant discovery is poor.

The applicant lacks mining experience and is not familiar with the property.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The claims are in sec. 11, T. 30 S., R. 40 E., M.D.B.&M., Stringer mining district, Kern County, California on the southeast flank of the Rand Mountains at an altitude of 3800 feet.

To reach the property from Randsburg, California follow the paved Atolia road southeasterly 1.3 miles, turn right and follow a narrow paved road southerly 1.0 mile, turn right and follow a dirt road westerly 0.1 mile, turn left and follow a steep, narrow road southerly 0.4 mile to a cabin on the Winnie claim.

Randsburg is the nearest source of labor, supplies, water, and living accommodations.

HISTORY AND PRODUCTION

One of the first discoveries of gold-silver ore in the Springer mining district was made at the Winnie claim. The area was active from about 1895 to 1925 and small lease operations have been conducted intermittently to the present time. After 1940 most operations were closed due to economic conditions and the depletion of the ore bodies.

Mr. Jack J. Lieder, a retail furniture dealer, and his partner, Mr. LeRoy D. Petterson, a pharmaceutical chemist, became interested in the property in 1955. Both partners lack mining experience and are not familiar with the district or the mines.

Recent production by the applicant and associates amounted to 15 tons of ore from the 50-foot level from which 113 lbs. of a scheelite-bearing concentrate were recovered by the Burt Michelson mill at Randsburg.

PROPERTY AND OWNERSHIP

The Winnie group of claims are owned by Mr. A. L. Daly of Cantil, California and Mr. Mike Dravis of Randsburg. The Maren Sophie group were relocated by Mr. Jack J. Lieder and Mr. LeRoy D. Petterson in November 1955. The applicant had a five-year lease on the Winnie group.

The claims are recorded in the Rand mining district, Bakersfield, Kern County, California. A letter dated August 28, 1956 from Mr. LeRoy D. Petterson indicated that the lease on the Winnie group was cancelled and that the relocation of the Maren Sophie group was not valid.

DEVELOPMENT

The Winnie group of claims are developed by at least six inclined shafts on the veins and judging from the size of the dumps there must be several thousand feet of underground workings. Every shaft observed was either completely inaccessible or the ladder was too hazardous to risk trying to enter the workings.

The veins have been stoped through to the surface and range from two inches to three feet in width. A map of the underground workings was not available. One tunnel on the Winnie Mine claim was accessible and is indicated on the geologic map, figure 2.

A list of available equipment follows:

Item	Condition
1 Air compressor, 100 cfm., single stage.	Poor.
1 Tractor, D-2.	Fair.
2 Jackhammers, drill steel hose and pipe.	Poor.
1 Hand winch, 1/4 inch cable, carbide can-bucket.	Poor.
1 Headframe and rope pulley.	Very poor.
1 1-ton delivery truck.	Poor.

SAMPLING

Open cuts, dumps, and surface exposures were lamped with ultra-violet light, and the following samples were taken:

Sample No.	Width, feet	% WO_3	Oz./Ton Au.	Oz./Ton Ag.	Remarks
S-515	3.0	<0.01	0.01	Trace	Schist with quartz veinlet, west face of drift from tunnel, sample location indicated on map, figure 2.
S-516	grab	0.33	0.02	Trace	One ton selectively mined material screened to 1/4 inch and coarse hand-sorted, typical of material recently mined.

GENERAL GEOLOGY AND ORE DEPOSITS

The Winnie group of claims is underlain by the Rand schist of probable Precambrian age which consists predominantly of biotite-albite schist, amphibole schist, and quartzite. The schist was intruded by the Atolia quartz-monzonite of Jurassic age, which crops out about a mile north of and a mile south of the mine area, and also by later diabase, rhyolite, and latite dikes.

In the vicinity of the mine the schist strikes northerly and dips steeply both east and west.

Gold-bearing quartz veins were formed in steeply-dipping fault fissures that strike from N 60° W to S 65° W. The veins

range in width from a few inches to as much as 3 feet. In the mine area almost all of the veins have been stoped to the surface along strike lengths of from 40 feet to as much as 200 feet. Little or no replacement of the wall rocks was seen on the surface.

As reported by Hulin[1/], gold was the chief ore mineral in the Winnie mine, but "small to moderate quantities" of scheelite occurred in many of the gold veins of the district. "The major portions of the gold ores which have been mined in this region have been oxidized. In only a few mines have the primary sulfide ores been encountered, and in practically every case they have been too low grade to work."

Hulin believes that both the scheelite and the gold are epithermal. In the Atolia district, four miles southeast of the Winnie mine, most of the scheelite-bearing quartz veins have feathered out at depths of less than 200 feet, and in the Stringer district, which includes the Winnie mine, it is reported that most of the gold-scheelite veins bottomed at less than 250 feet.

1/ Hulin, C. D., 1925, Geology and Ore Deposits of the Randsburg quadrangle, California: Calif. State Mining Bureau Bull. 95.

RECEIVED
SEP 10 1956

ORE RESERVES

There are no reserves of any classification except for a few tons averaging less than 0.3 percent WO_3 reported to be blocked out at about the 50-foot level in the shaft 150 feet east of the adit entrance (figure 2). Total resources in the Stringer district are probably several tens of thousands of tons averaging less than 0.05 percent WO_3.

PROPOSED EXPLORATION

The applicant proposed to explore the Winnie property by rehabilitating the 250-foot Little Johnie shaft (figure 2), and sinking an additional 150 feet to the 400-foot level from which a crosscut was to be driven north and all veins encountered were to be drifted on both east and west. The program also included the rehabilitation of 800 feet of old workings. The program was rather indefinite as the applicant had no maps of the surface or of the old workings.

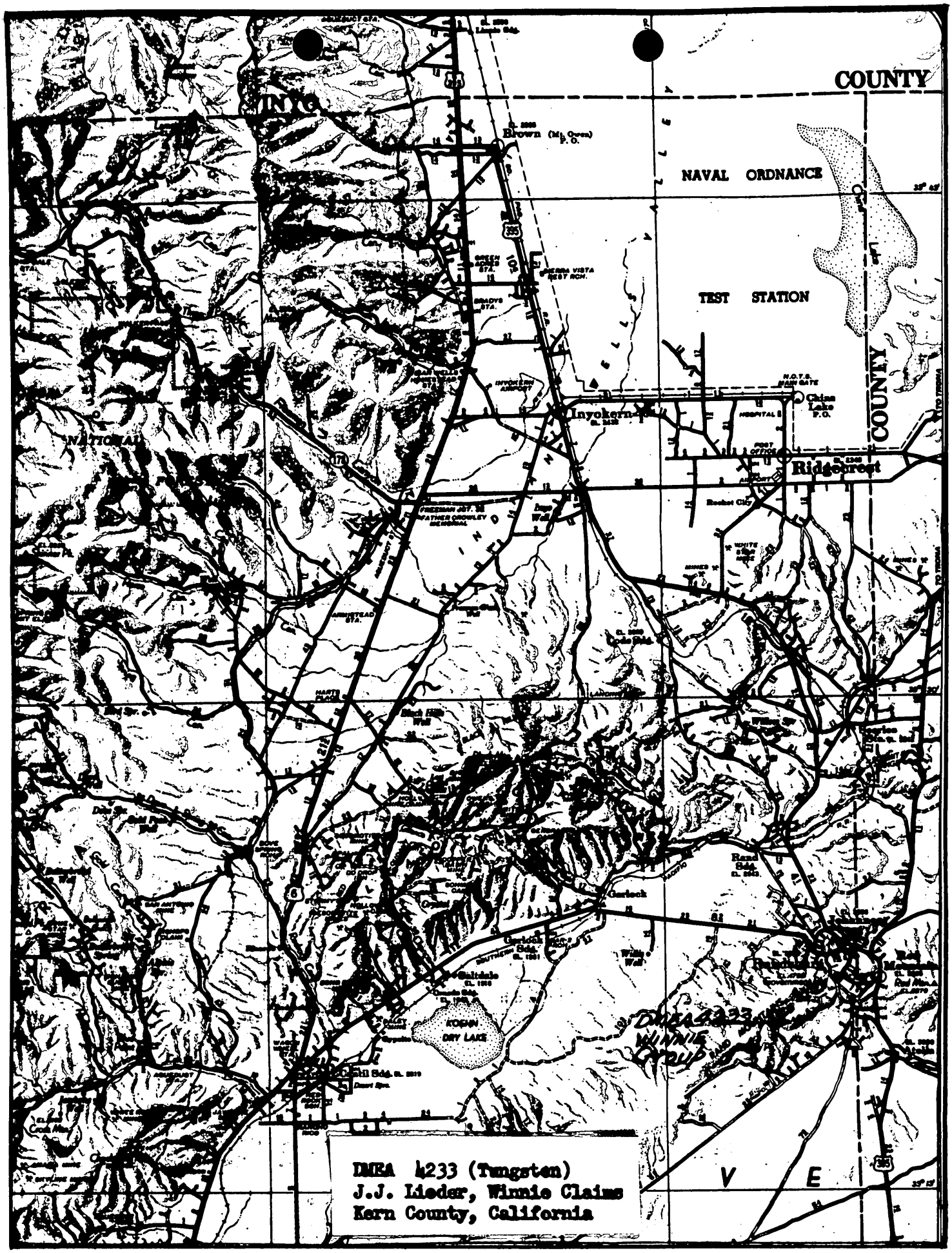

FIG. I LOCATION MAP CALIFORNIA

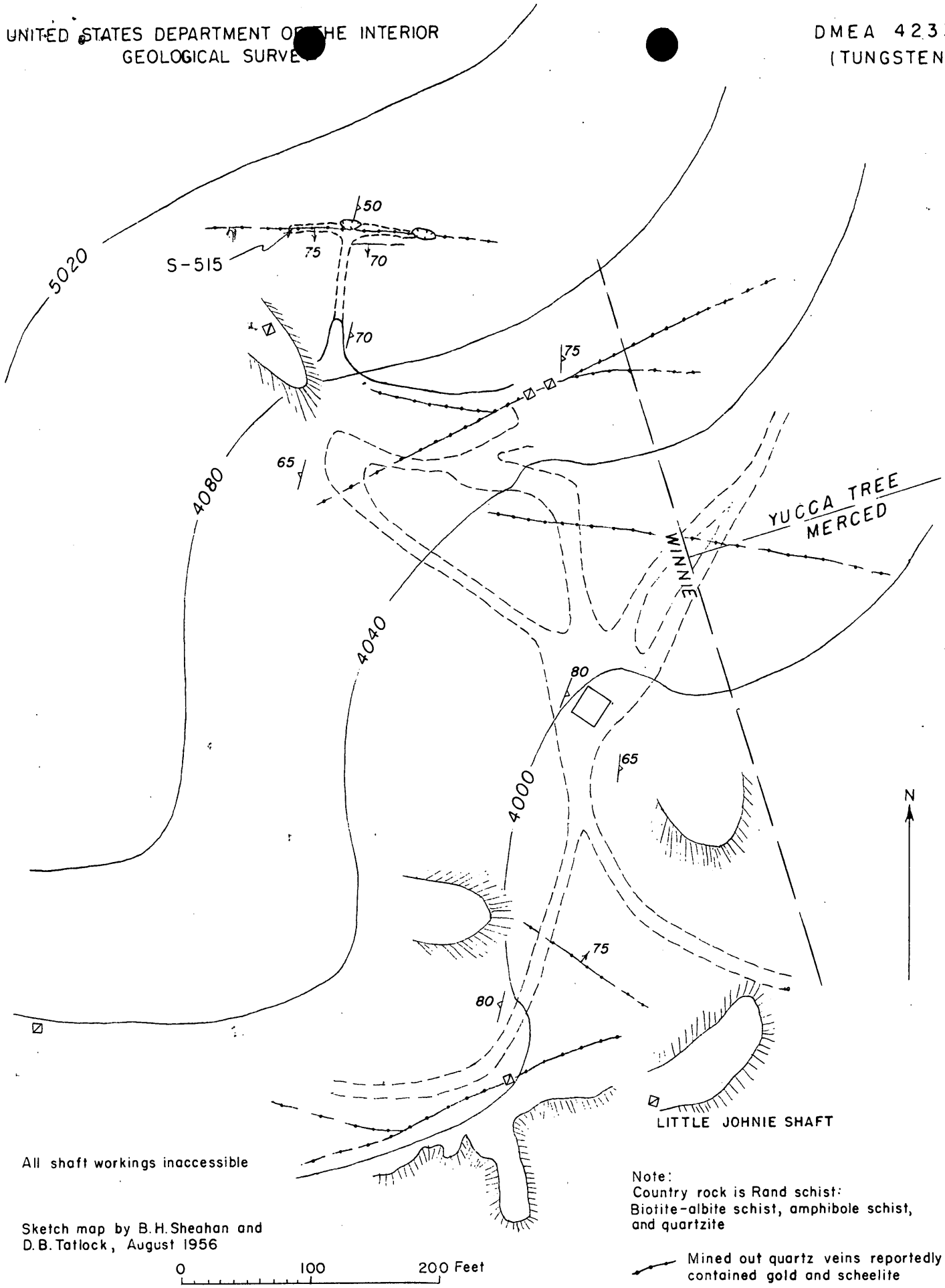

Figure 2. PART OF WINNIE GROUP, KERN COUNTY, CALIFORNIA

400

Docket
Martin
Selfridge

SEP 11 1956

Mr. Le Roy D. Patterson
2430 Muscupiabe Drive
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Patterson:

This will acknowledge receipt of your letter of July 3, 1956, with postscript of August 28, discussing your interest in the subject application.

Please be assured that the Defense Minerals Exploration Administration will not enter into any project covering Government exploration assistance unless the applicant has clearly established his interest in the property and the owners have given a consent to lien thereon.

Sincerely yours,

Frank E. Johnson
ACTING Administrator

cc: Docket
Code 400
Adm. Read. File
Thor Kiilsgaard, USGS
R. W. Holliday, USBM
Field Team, Region 2

WSMartin/ls
9/6/56

R.C.J.

RECEIVED
SEP - 3 1956

The PETTERSONS

2430 MUSCUPIABE DRIVE
SAN BERNARDINO, CALIF.

July 3 1956

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

Re Docket no. D M E
w4233 Tungsten
Winnie Group & Maren
Sophie Group.

Dmea-4233

WSM

Dear Sir

After doing research at the court house in Bakersfield I find that our title on the Maren Sophie group is not good. Therefore we erred in putting it up before your group for consideration. I did not at first go into the legality of these claims because it was generally conceded that foreigners cannot hold mining claims But I believe that the courts have ruled that the claims were in the hands of administrator and could not be filed upon. If that is so, our claim to them is not legal.

And Jack Leider filed in his own name for the loan when the lease from Al Daley and Mike Dravis on the Winnie and the Little Johnnie Group is in the Name of Le Roy D Petterson and Jack Leider.

I gave Jack $ 300, 00 to buy equipment for these claims over a month ago now and he closed up his shop on Mt Vernon Ave and is gone I do not know where. If he got the loan he certainly is not letting me know about it and he is making himself very hard to find.

He Told people here that he had rented a large store on E street in San Bernardino and was going to open a big store in September. He did not tell me these things and I am supposed to be his partner.

If he got the loan he is surely not spending either it or the money I advanced on the properties for which the loan was made. I do not want to be a partner in any such misappropriation of Federal Funds & suggest that the loan not be made.

Yoyr respectfully Le Roy D. Petterson Ph.C.

Le Roy D Petterson Ph C

P.S I wrote the geo report on these claims & my name should appear as one of the principals But as it stands I have no control over these funds at all. This is now Aug 19 4 I immediately wrote to Kenneth Leigh on the Jul 30 & thought the loan had been killed

Le Roy D Petterson Ph

CCO Mittendorff

Washington D.C.

The PETTERSONS

2430 MUSCUPIABE DRIVE
SAN BERNARDINO, CALIF.

Re D M E A 4233
Tungsten.
Jack Leider.

RECEIVED
SEP - 3 1956

August 28 1956

The first page of this letter was written on July 3 1956. I gave this information to Jack Leiders agent and supposed that it had been forwarded. Then about three weeks ago two men from the office of S Riker came to Randsburg to look over the property. I supposed at that time that Jack Leider had cleared the title and lease dispute but such is evidently not the case. I had not seen Jack for three or four weeks prior to the trip to Randsburg, but when he called and asked me to go to Randsburg to consult with the geologist amd mining engineer from Reno I supposed that he was again or rather at last going to play fair but such does not seem to be the case.

He confided to me that day that he was going to get a box at the Post Office and have all his mail sent to that address. I thought little of this at the time but now it seems that there are other plans afoot. The address that your office has been sending his mail is the office of the Pioneer Tittle and Trust Co in San Bernardino and as long as they were handling the matter I did not worry too much But now it seems that they are not active and that Jack Leider is going it alone. I have not seen Jack Leider since I took him to Randsburg to inteview the very fine men sent out from the Reno Office. Neither have Mr Al Daly of box 42 Cantil Post Office or Mike Dravis of Randsburg who are the owners of the Winnie and the Little Johnie Group.

Mike Dravis Informed me by phone Saturday that they were taking steps to void the lease given to Jack Leider and Le Roy D. Petterson Oct 30 1955. This is the lease upon which Jack Leiders application is based. In the first place it should have been applied for in the name of both parties of the lessees, But since it was being handled by an officer for the Pioneer Title and Trust Co I was not too insistent upon changing his application. Now it seems that the officer at the Pioneer Title & Trust Co has also lost confidence in Jack Leider. Therefor I again insist that this loan be denied. I do not care to be responsible in any way for any money that Jack Leider may want to borrow. Either from the Federal Government or elsewhere.

I have been very lothe to send such a letter to any one about any person But it seems that in self-defense and in defense of my my own name and property that this odious task is imperative.

Yours ~~very~~ truly

Le Roy D. Petterson

Le Roy D. Petterson

Sept. 19. Holt starts
8th Annual Camp
for pay received
from Mrs. Dooley
College Pay

Docket

RECEIVED

AUG 13 1956

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

1605 Evans Avenue
Reno, Nevada

Aug. 9, 1956

Copy retained

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket DMEA-4233 (Tungsten)
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

An examination of your property in connection with your DMEA application is being scheduled for Tuesday, August 14, 1956. Will you, or your representative, please meet Mr. B. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and Mr. D. B. Tatlock, Geogolist, U. S. Geological Survey, at the U. S. Post Office, Randsburg, California, at 10:00 AM on that date and accompany them to your Winnie Group and Maren Sophie Group of claims?

Very truly yours,

S. Ricker
Executive Officer
DMEA Field Team, Region II

SRicker:ft
cc: Opr. Com., DMEA, Wash. D.C.
Finance Off.
R. M. Smith
D. B. Tatlock
B. H. Sheahan
File

CLASS OF SERVICE

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

WESTERN UNION

W. P. MARSHALL, PRESIDENT

1956 JUL 20 PM 12 05

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

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

WT026 PD=SAN BERNARDINO CALIF 20 738AMP=

RECEIVED JUL 20 1956

C O MITTENDORF=

ADMINISTRATOR DMEA=

4233

REGARDING DOCKET NUMBER DMEW253 TONGSTEN WINNIE AND MAREN SOPHIE GROUP DO NOT MAKE THE LOAN TITLES NOT GOOD LETTER FOLLOWS=

LEROY PETTERSON PH C 2430 MUSCUPIABE DRIVE=

4233

CFN DMEW253 DMEA PH C 2430=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

400

DOCKET
Surname:
Chapman
Martin
Yopp
Kilsgaard
Fjelstad

JUN 21 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA-4233, Tungsten
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

This will acknowledge receipt of your letter of June 14, 1956, supplying additional information which we requested concerning the subject property.

Your application for exploration assistance for tungsten ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and is being 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 that you can give the examining engineers will be appreciated.

Sincerely yours,

G. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region 2

TLChapman/ls
6/20/56

RCS

DOCKET
Surname:
Chapman
Martin
Kilsgaard
Yopes

400

JUN 21 1956

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

Re: Docket No. DMEA-4233, Tungsten
Jack J. Lieder
Winnie Group & Maren Sophie Group
Kern County, California

Dear Mr. Ricker:

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

Copies of memoranda dated April 5 and April 11, 1956, by N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the project, are enclosed. Also transmitted herewith are copies of letter of June 14, signed "LeRoy D. Petterson, by Jack J. Lieder," with attached map.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Enclosures

APPROVED:

P. F. Yopes

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region 2

TLChapman/ls
6/20/56

Docket

RECEIVED
JUN 19 1956

San Bernardino, California
June 14, 1956

Mr. C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
United State Department of Interior
Washington, D. C.

4233

Dear Mr. Mittendorf:

Re: Docket No. DME w253 Tungsten
Winnie Group and Maren Sophie
Group, Kern County, California

WSM

Application made by Jack Lieder on behalf of partnership and leasehold of Jack Lieder and LeRoy D. Petterson who hold lease on the Winnie Group from A. D. Daly of Cantil, California, and Mike Dravis of Randsburg, California, owners of said Winnie Group to Jack Lieder and LeRoy D. Petterson of San Bernardino, California; and the Maren Sophie Group relocated by LeRoy D. Petterson and Jack Lieder and recorded in Book 2529, Pages 388, 389, and 390. These claims were relocated on the morning of November 19, 1955, and recorded December 14, 1955, at 10 minutes past 4 p.m., C. H. Shomate by Frances Ahmann, Deputy Recorder.

Request No. 1, "A map showing workings to be rehabilitated in plan and section if available."

The Little Johnie was worked from about the 2008 level on vein No. 1 by a straight shaft, and east and west tunnels, and stopes to the surface. Much of the waste was left on stulls, but the mine was worked for gold only. There are three tunnels along the east and west strike of the vein at different levels. From the 100 foot level, it has been stopped to the surface, but there are several spots of ore showing sheelite still in place.

The No. 2 vein on the Little Johnie was worked through an incline shaft at about a 48% incline from the horizontal. This shaft dips easterly along the strike of the vein is in good condition below the 50 foot level and will require very little timbering below that point. Some new cross sets will have to be installed to bear the track and some old set repaired.

Headframe and retimbering will cost about $3,000. We will not about 1000 feet of rails in this hole at an installation cost of about 20 cents per foot.

Seven-hundred feet of $\frac{1}{2}$ to 7/8ths 19. Wire strand 6 strand rope will cost about $200.00. A $\frac{1}{2}$ ton skip about %300.00, the 1000 feet crosscut at the 350 feet level will cost $25,000.00.

Sinking the deep shaft (230') to 350 feet and rehabiliting the shaft including headframe and retimbering will cost $10,000.00. Headframe, wince and cable another $5,000. The entire workings rehabilitating tunnels to look for tungsten ore driving the 1000 foot crosscut, etc., will entail about $10,000.00 feet of rails, It will take four ore cars for the crosscut, and two each on five tunnels to clear the muck left by former operators.

Extensive working for that day was done on the Maren Sophie #2 about the center of the claim by means of a horse winch, but no great depth was attained. There is one shaft about 150 feet deep on Maren Sophie No. 2 about 300 feet from east end some tunneling and stopping. Little work has been done on Maren Sophie No. 3. Maren Sophie No. 1 has been worked on some viens about 50 feet only. There is surface indications and in the workings to indicate that with proper exploration and prospecting, a very good tungsten property can be developed upon these claims. All six of them.

Yours respectfully,

LeRoy D. Petterson
2430 Muscupiabe Drive
San Bernardino, California

LeRoy D. Petterson
by Jack J. Lieder

DOCKET
SURNAME
400 Chapman
Martin

APR 11 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Re: Docket No. DMEA 4233 - Tungsten
Winnie Group and Maren Sophie Group
Kern County, California

Dear Mr. Lieder:

Reference is made to your application for exploration assistance for tungsten ore on the above noted groups of claims.

We regret that in order to process your application we must also ask you to submit additional data as follows:

1. A map showing workings to be rehabilitated, in plan and section if available.

2. The map should show the proposed new work in relation to the old workings and the property lines.

3. An estimate of cost for repairing or replacing the head-frame, and any necessary buildings and machinery.

4. An estimate of cost for rehabilitating and sinking the shaft, with information on size of shaft and number of compartments.

5. An estimate of cost of drift rehabilitation, any necessary timbering, and track laying with such detail as weight of rail to be used.

6. An estimate of footage of proposed drifts and crosscuts with estimated costs per foot for advance and for timbering if necessary.

7. An estimate of the footage and cost that would be necessary to connect the Winnie workings with the Little Johnie cross-cut.

If it seems advantageous to the Government and the applicant we may prefer to set up each item on a unit cost basis. Such details as you submit will aid us describing the work and in arriving at a reasonable cost for the same.

R.C.G.

In addition to the foregoing information as to your proposed program, it will be appreciated if you will submit to us a copy of your lease covering the Winnie Group.

If a contract should subsequently be recommended it will then be necessary to obtain the signature of the owners of the leased property to the seven enclosed copies of our Form MF-203, "Consent to Lien". In that event six signed copies should be returned to us and one is for your files.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosure

WSMartin/TLChapman/foc
cc to: Docket
Code 400
Admr. Read. File
Oper. Comm.
FT. REG. II
Messrs. Holliday, USBM
Kiilsgaard, USGS

Docket

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

April 11, 1956

RECEIVED
APR 12 1956

WSM

Memorandum

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

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

Subject: Application
Docket No. DMEA 4233
Winnie Group and Maren-Sophie # 1, 2 and 3
Kern County, California
Jack J. Lieder
440 Court Street
San Bernardino, California
$85,000-Tungsten

Subject application proposes rehabilitation of 250 feet of inclined shaft, 800 feet of tunnels and 150 feet of sinking (to the 400 foot level); an unspecified amount of drifting and cross cutting on the 325 and 400 foot levels and repair of equipment.

Past production appears to be mainly gold. The application does not give sufficient information to determine the likelihood of making a significant tungsten discovery and detailed discription of the proposed work is lacking.

A referral to the field team for appropriate action is recommended.

R. W. Holliday
R. W. Holliday

Docket

IN REPLY REFER TO:

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

RECEIVED
APR 10 1956

Copy retained 400

April 5, 1956

Re: DMEA 4233
Jack J. Lieder
Winnie Mine
Kern Co., California
$85,000.00 - Tungsten

Memorandum

WSM

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

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

Subject: Review of application.

The applicant requests assistance in rehabilitating and doing work in old mines "across a ridge" from the highly productive Atolia District tungsten veins.

The proposed work consists of:--

Rehabilitation of shaft and shaft sinking, Little Johnie mine	$25,000.00
Drifting, Little Johnie mine	20,000.00
Crosscutting, Little Johnie-Winnie mine	20,000.00
Repairs to machinery	5,000.00
Rehabilitation and drifting, Winnie mine	15,000.00
Total	$85,000.00

The Atolia District was a large producer of tungsten during the heyday of the Union mine and the Atolia Mining Co., but the activity seems not to have extended generally to the old gold mines "across the ridge."

I have not identified the ground included in the referenced property with claims shown on a map of the Randsburg district. C. D. Hulin, 1925, Geology and ore deposits of the Randsburg Quadrangle, Bulletin No. 95, California State Mining Bureau. However, it is an area of which Hulin says, "Still further north and northwest, in the Stringer District, scheelite has been reported from many veins worked for their gold content. The presence of scheelite has been recognized in gold ores from veins on the Gold Bug, Winne, Baltic, Sidney Peak, St. Elmo and other properties. Veins on the Jersey Lily claim were worked for their

Copy retained 400

scheelite content during the period of the World War, while at one time the Yellow Aster Mining and Milling Company installed a concentrator to save the scheelite present in the gold ores of the Yellow Aster Mine."

No production data are given.

If work done since Hulin wrote has changed the outlook, the work outlined by the applicant may be warranted. More timely information is needed.

Referral to the Field Team for suitable attention is recommended.

N. E. Nelson

N. E. Nelson

April 3, 1956
Subject: DMEA-4233
Re: Exploration Assistance
Winnie Group & Maren Sophie Group

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

My dear Mr. Lieder:

The receipt of your application dated February 7, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4233 and referred to the Iron & Ferro-Alloys Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

P. S. Only four copies of the application are required enclosed is the fifth copy of the application.

FEB 27 1956

Mr. Jack J. Lieder
440 Court Street
San Bernardino, California

Dear Mr. Lieder:

This will acknowledge your letter dated February 7, 1956, in which you submit one copy of form MF-103, application for financial assistance on an exploration project for tungsten.

Please be advised that an original and three copies of application form, MF-103, are required for proper filing with this agency. The one copy of your application will be held in abeyance and will be docketed upon receipt of three additional copies of the application.

For your information there are enclosed a copy of DMEA Order-I, Amended, together with a copy of the pamphlet, "The Defense Minerals Exploration Program," and a set of application forms, MF-103.

Further information concerning the minerals exploration program may be obtained from Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, Bureau of Mines, 1605 Evans Avenue, Reno, Nevada.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams, Chief
Operations Control and
Statistics Division

Enclosures 3
READAMS:mm - 2/27/56
Copy to: Adm. R. File
Mail & Files
Chron.

R.C.A.

RECEIVED
FEB 27 1956

February 7, 1956

MEMORANDUM:
TO: United States Department of the Interior
Defense Minerals Exploration Administration
Washington, D. C.

FROM: Jack J. Lieder

This is the first time that I have filled out a MF-103 and I am certain that I have probably not done it correctly. I would appreciate any comments or your courtesy in advising me in additional information which I should supply. I believe we have a most productive area. We believe it to be of such importance that if this preliminary report is not satisfactory, I would plan on a personal trip for the purpose of an interview by an authorized individual of your office.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
FEB 27 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. DMEA-4233
Metal or Mineral Tungsten, gold nickel
Date Received 4-2-56
Estimated Cost $85,000.00
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: JACK J. LIEDER
440 Court Street
San Bernardino, 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 SEE ATTACHED SHEETS FOR LEGAL DESCRIPTIONS

(*b*) State any mine name by which the property is known. See attahhed sheets

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner and Lessee as appears on the Accompanying sheets

(*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.

(*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 Tungsten, gold and nickel

(*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)?

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

[X] Money [X] 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 February 7, 1956

Jack J. Leider
(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

RECEIVED
FEB 27 1956

PRELIMINARY REPORT

The Winnie Mine, The Winnie Number One and The Little Johnie are one group upon which we have a leasehold called the Winnie Group and the Maren-Sophie #1, 2 and 3 which are claims located by us and join the Winnie Number One and the Little Johnie on the West. The Winnie group produced $750,000.00 in gold in working prior to 1929.

In the Winnie Group claims there are 8 to 10 old workings to a depth of about 136 feet and tunnels were driven and stoped to the surface. These veins at the Sunshine shaft bottom out at Horizontal-faut at 650 feet. There should be 450' of ore left in these veins.

In the Maren Sophie group the workings are mostly surface workings extending about 50' below ground. In one place there is a shaft nearly 100' deep but little working is evident. Their claims produced about $50,000 in gold and tungsten for the former owner, J. B. Peterson, deceased. (His claims lapsed after his death)

In these claims there are 8 to 10 old gold workings on East and West ledges and they have been stoped to the surface for gold.

In many places on these East and West ledges the veins seem to have widened and the newer increase or secondary filling of the fault seems to have been with sheelite ore so there are many places in these old stopes that can be reworked for tungsten at about 1/4 the cost of driving new tunnels and new stopes.

The geology of this district is that there is a ridge of low mountains running along the South side of the old Owens River which is highly mineralized. At Johanesburg it has been thrown southerly by the Red Mountain upheaval. Some of the most significant mineralized zones on this range is the Yellow Aster. The Sunshine Mine and the Kelly Mine.

The Yellow Aster is about 2 miles Northwest of the Winnie Group and the Maren Sophie Group. The Sunshine mine production about one and one-half million dollars, separated from the Winnie Mine by one claim - the Napoleon (production about $250,000.00 to 300 feet. The Kelly Mine is about one mile South of East from the Winnie Group. The Little Johnie Mine which is the Southern claim of the Winnie Group seems to be the same character of ore as the Kelly Mine.

The Winnie ore is the same character as the Sunshine Mine. The sheelite in this atolia district seems to be replacement in the gold veins and in North and South cross veins and probably originating in the North and South cross veins.

In the Randsburg district there are 2 sets of veins. This District is on the North side of the divide. The North and South veins were the gold bearing veins and the East and West veins carry sheelite.

On the South stope or the Atolia side of this Northwest by Southeast divide the gold veins run East and West and the sheelite veins bear Northerly and Southerly.

The older faults run Northerly and Southerly as evidenced by outcropping of serpentine in large dykes bordering massive dykes of biotite.

The East and West quartsite veins (the gold veins) cross through and split these serpentine and biotite dykes. On the South of the Little Johnie and the Maren Sophie #3 is a zone highly mineralized in which nickel seems to predominate and this is also in evidence in the Little Johnie and the Maren Sophie #3 veins.

These mineralized zones are in a granitic pegmatite with a line contact on the Southeast. The walls of the East and West veins are shistose (of micaceous shist), and epidote apparently of the allanite variety (brownish black) not (yellow green).

The complementary mineralization seems to be mostly sheelite and gold. The Sheelite complementing the gold in the same veins as well as predominating in cross veins.

The presence of cerium and other rare metals has not been determined.

Geological Report prepared by LeRoy D. Peterson, PhC.

The claims known as the Winnie Group consist of the Winnie Mine, the Winnie #1 and the Little Johnie all recorded in Volume 1, Page 189 of the Rand Mining District Records, Kern County, California.

The legals on the Maren Sophie Group are registered in Records of the County Recorder of Kern County and are as follows:

Maren Sophie #1, Book 2529, Page 388, #74567
Maren Sophie #2, Book 2529, Page 389, #74568
Maren Sophie #3, Book 2529, Page 390, #74569
Randsburg, Kern County LeRoy D. Peterson

These claims join the Winnie Mine and the Little Johnie on the West.

(LeRoy D. Peterson)

The background and experience of superintendent and manager/of the Mine is worked in the 3 Star Mine in Ophir at 17 years of age. Graduate from University of California College of Pharmacy majoring in Chemistry - degree Pharmaceutical Chemist, 1910. I have been mining and studying geology, mining practice, ore grading, ore dressing, mine drainage and mine support for 40 years.

The moneys will be expended as follows:

$25,000.00 in retimbering and restoring the 250 feet of enclined shaft of the little Johnie Mine refitting with Headframe, bunkers and about 800 feet of tunnels and sinking encline shaft 150 feet to 400 ft. level.

$20,000.00 drifting on the 325 and the 400 ft. levels of Little Johnie Vein to prove ore.

$20,000.00 cross cut drift Northward from 400 ft. level of the Little Johnie to strike the Winnie Veins at 450 ft. to prove ore production at depth in Winnie Veins. (3 veins)

$5,000.00 repairing and re-equipping machinery now on the property.

$15,000.00 retimbering and extending workings on the Winnie Veins to intercept cross cut from the Little Johnie.

400

San Bernardino, California
June 14, 1956

Mr C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
United State Department of Interior
Washington, D. C.

4233

Dear Mr. Mittendorf: Re: Docket No. DME w253 Tungsten Winnie Group and Maren Sophie Group, Kern County, California

WSM

Application made by Jack Lieden on behalf of partnership and leasehold of Jack Lieder and LeRoy D. Petterson who hold lease on the Winnie Group from A. D. Daly of Cantil, California, and Mike Dravis of Randsburg, California, owners of said Winnie Group to Jack Lieder and LeRoy D. Petterson of San Bernardino, California; and the Maren Sophie Group relocated by LeRoy D. Petterson and Jack Lieder and recorded in Book 2529, Pages 388, 389, and 390. These claims were relocated on the morning of November 19, 1955, and recorded December 14, 1955, at 10 minutes past 4 p.m., C. H. Shomate by Frances Ahmann, Deputy Recorder.

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The No. 2 vein on the Little Johnie was worked through an incline shaft at about a 48% incline from the horizontal. This shaft dips easterly along the strike of the vein is in good condition below the 50 foot level and will require very little timbering below that point. Some new cross sets will have to be installed to bear the track and some old set repaired.

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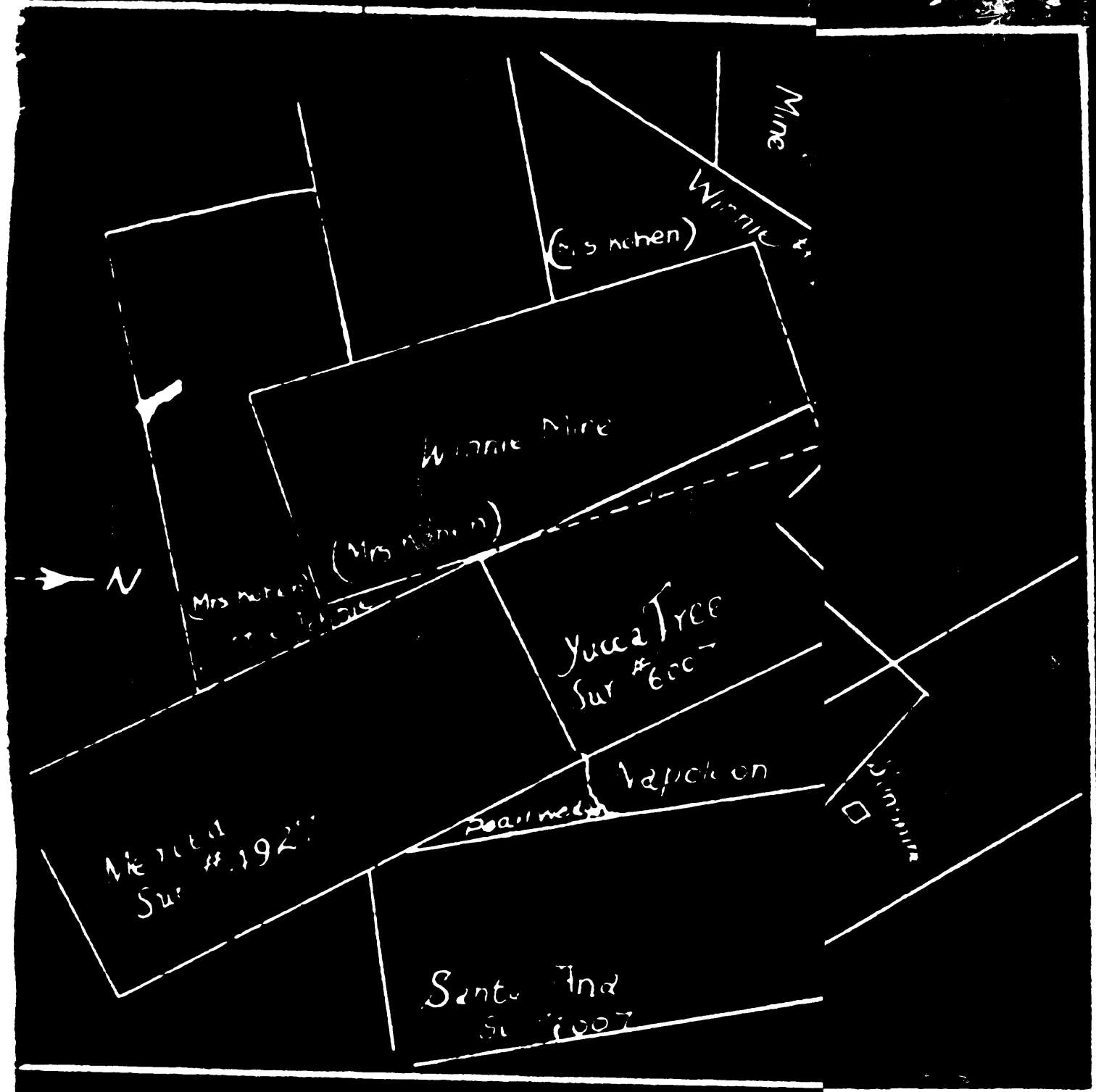
Yours respectfully,

LeRoy D. Petterson
2430 Muscupiabe Drive
San Bernardino, California


Mine
(Mrs Kohen)
Yucca Tree
Sur #600
Vapek on
Santa Ana

Bull Boy
Mine
Winnie #1
(Mrs Kohen)
Winnie Mine
(Mrs Kohen)
(Mrs Kohen)
Little Johnie
Yucca Tree
Sur #6007
La Cross
Sur #4755
Napoleon
Railroad
Merced
Sur. #4927
Sunshine
Sur #4704
Santa Ana
Sur. #6007
N

Adjoining the Winnie Mining #1 & the Johnnie entendum for Owen S. O'Hare Group