400

SEP 20 1956

Messrs. Billy L. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on the Rose Group of claims, indicates to us that the probability of disclosing minable ore reserves is not sufficiently promising to justify Government participation. Under the 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

TLChapman/ls/esf
9/18/56
cc: Docket
Code 400
Oper. Comm.
Admr. R. File
T. H. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region II

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

Messrs. Billy D. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on ~~this~~ the Rose Group claims ~~property~~, indicates to us that the probability of disclosing minable ore reserves ~~by your proposed program~~ is not sufficiently promising to justify Government participation. Under the 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,

Administrator

Messrs. Billy L. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on this property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under the 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,

Administrator

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

TLChapman/ls
9/13/56

400

Messrs. Billy L. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on this property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under the 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,

Administrator

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

TLChapman/ls
9/13/56

September 14, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance
Docket No. DMEA-4087, Tungsten
Billy L. Rose and Ellis E. Rose
Rose Group of claims
Sierra County, California

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

Applicant: Billy L. Rose and Ellis E. Rose
511 Pomona Avenue, Albany, California

Property: Property includes 3 lode mining claims and 2 tunnel sites, located in sec. 7, T. 20 N., R. 13 E., M.D.B. and M., Sierra County, California, recorded as follows:

Name	Book No.	Page No.
Rose Research No. 1	Z	114
Rose Research No. 2	Z	115
Rose Research No. 3	Z	116
Tunnel Site 1 and 2	Z	117

The property was located by the applicants in 1955.

History & Production: The mineralized veinlets were discovered on the property in 1954 by the applicants, but there has been no production from the subject group of claims. The only work completed consists of a few shallow pits.

Geology: The area is underlain by granodiorite of Cretaceous age, and is cut by thin quartz veinlets containing traces of tungsten, molybdenum, and copper-bearing minerals.

Comments: M. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, concur in the denial recommended by the Field Team.

TLChapman/ls
9/14/56

S. F. Holt, Acting Chief
Iron and Ferro-Alloys Division

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

400

RECEIVED
SEP 19 1956

September 18, 1956

Memorandum

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

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

Subject: Review of Field Team Examination Report
Billy L. Rose & Ellis E. Rose
Rose Group of Claims
Sierra County, California
Docket No. DMEA-4087 (Tungsten)

Subject report concludes that "the grade is too low and the mineralized veinlets are too small and widely scattered to be economically mined" and "there is no target where a significant discovery could be made".

I concur in the Field Team recommendation of denial.

R. W. Halliday

IN REPLY REFER TO:

400

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

RECEIVED
SEP 11 1956

September 10, 1956

Re: DMEA 4087
Billy L. and Ellis E. Rose
Rose Group
Sierra County, California
Tungsten

Copy retained 400

Memorandum

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

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

Subject: Review of Field Team report.

The applicants requested assistance in exploring scattered sparsely mineralized quartz veinlets in granodiorite.

As determined by sampling the veinlets carry only very small amounts of tungsten and molybdenite. In the opinion of the examiners there is no reason to expect better material at depth.

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-9/10/56

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3517

402

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

1605 Evans Avenue
Reno, Nevada

September 5, 1956

WSM

Memorandum

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4087 (Tungsten)
Billy L. Rose & Ellis E. Rose
Rose Group of Claims
Sierra County, California
(Your letter dated December 23, 1955)

Enclosed are four copies of a report by B. H. Sheahan, Bureau of Mines and H. K. Stager, Geological Survey, on subject property recommending denial of DMEA exploration aid.

Roscoe Smith and I concur in the recommendation.

S. Ricker

Encl.

SRicker:gh
cc: R. M. Smith
File

Reviewed by
DMEA OPERATING COMMITTEE

(date)

RECEIVED

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-4087 (Tungsten)
Billy L. and Ellis E. Rose
Rose Research Claims
Sierra County, California

by

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

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

August 31, 1956

RECEIVED

INTRODUCTION

Messrs. Billy L. and Ellis E. Rose, 511 Pomona Avenue, Albany, California, applied for Government assistance in a $7,380 program under the Defense Minerals Exploration Administration, Docket DMEA-4087, to explore for tungsten and other minerals on the Rose Research group of claims, Sierra County, California.

A field examination was requested by the Operating Committee on December 23, 1955, but because of deep winter snows the property was not accessible until July, 1956. The examination was made by B. H. Sheahan, U. S. Bureau of Mines, and H. K. Stager, U. S. Geological Survey, on July 25, 1956, accompanied by the Applicants.

The Applicants proposed to explore for minable tungsten-molybdenum-copper ore bodies by 1,150 feet of diamond drilling and 30 feet of adit.

CONCLUSION AND RECOMMENDATIONS

The Rose Research Claims contain several thin, sparsely mineralized quartz veinlets in granodiorite. The veinlets contain only traces of tungsten, molybdenum, and copper. The grade is too low and the mineralized veinlets are too small and widely scattered to be economically mined.

It is recommended that Government assistance under the DMEA program be denied because there is no target where a significant discovery could be made.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The claims are in Section 7, T. 20 N., R. 13 E., M.D.B. & M., Sierra County, California, at an altitude of 7,000 to 7,500 feet on the north slope of Deadman Peak, within the Tahoe National Forest, (Figure 1).

To reach the property from Sierra City, California, follow California State Highway 49 for 7.7 miles easterly to Haskell Creek. From this point, follow a very steep unimproved trail 1.5 miles southerly. The claims are a few hundred yards south of Deadman Lake and are inaccessible during winter months because of snow conditions.

Downieville, California, the nearest source of labor and supplies, is 20.5 miles by road west of the Haskell Creek turnoff.

HISTORY AND PRODUCTION

Billy L. Rose and his brother, Ellis M. Rose, found sporadic traces of molybdenite and chalcopyrite in a rock slide along the north slope of Deadman Peak in 1954. A group of claims were located the following year. There has been no production.

PROPERTY AND OWNERSHIP

The property includes the unpatented Rose Research Claims No. 1, No. 2, and No. 3, and the Rose Tunnel Sites No. 1 and No. 2. Location certificates are recorded at Downieville, California, in Volume 2, pages 114, 115, 116, and 117.

The following equipment is owned by the Applicants:

One Jeep - fair condition.

One Pioneer rock drill, gasoline, 4-foot steel - rental purchase.

Miscellaneous hand tools - fair condition.

The senior Applicant is a carpenter foreman and has had very little mining experience.

Four shallow prospect bits, a few feet deep, are the only workings.

GENERAL GEOLOGY

The Rose Research Claim area is underlain by granodiorite of the Sierra Nevada batholith of Cretaceous age. The granodiorite is cut by thin quartz veinlets containing traces of molybdenum-, tungsten-, and copper-bearing minerals.

The granodiorite is a light-gray, fine- to medium-grained rock. It is cut by dikes of white, fine-grained rhyolite and thin quartz veinlets. The dikes and veinlets occupy joints in the granodiorite that strike about N. 20° W. and dip about 75° NE.

Glaciation has stripped the granodiorite clean over much of the area and fresh unoxidized metal-bearing minerals are exposed in the quartz veinlets at the surface.

ORE DEPOSITS

The deposit consists of traces of molybdenum-, tungsten-, and copper-bearing minerals in thin quartz veinlets along joints in granodiorite.

Ore minerals are molybdenite, powellite (probably tungsten-bearing), ferrimolybdite, chalcopyrite, and chrysocolla. Gangue minerals are quartz, pyrite, and limonite. Because of glaciation that has removed any weathered material that may have been present, primary sulfide minerals are exposed on the outcrops.

The veinlets strike about N. 20° W., dip about 75° NE, range from a fraction of an inch to 6 inches wide, and from a few feet to 20 feet long. The mineralized quartz veinlets are several

hundred feet apart. A sample from the best exposure on the Rose Research No. 1 Claim contained 0.18 percent Mo. and 0.01 percent WO_3.

SAMPLING

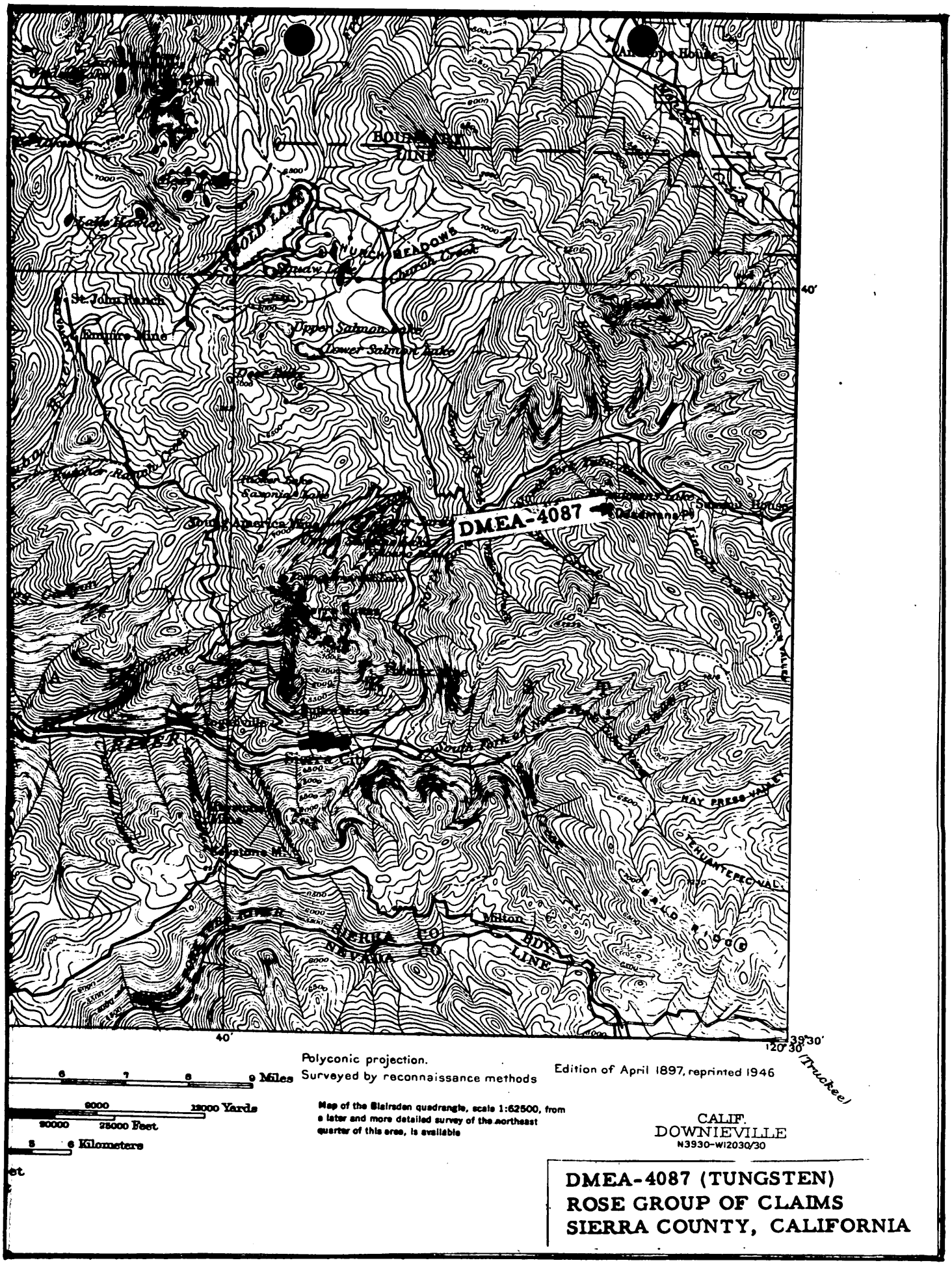
The following samples were taken from the property:

Sample No.	Width Feet	Percent WO_3	Percent Mo.	Ounce/Ton Ag.	Ounce/Ton Au.	Remarks
S-515	1.0	0.01	0.01	Tr.	Tr.	Pit Rose No. 2 quartz veinlet in granodiorite.
S-516	0.3 to 0.5	0.01	0.18	Tr.	Tr.	Pit Rose No. 1 quartz veinlet in granodiorite.

Specimens submitted by the Applicant and other specimens obtained by the examiners were lamped with ultra-violet light, but no scheelite was observed.

ORE RESERVES

There are no reserves of ore grade material on the Rose Research Claims. The mineralized quartz veinlets that are the target of the proposed exploration are too thin, low grade, and widely scattered to be mined economically. Geologic evidence does not indicate the presence of larger or higher grade ore bodies below the present exposures or elsewhere on the claims. It is probable that any type of exploration will prove to be more costly than the value of any ore discovered.



DMEA-4087 (TUNGSTEN)
ROSE GROUP OF CLAIMS
SIERRA COUNTY, CALIFORNIA

FIG. 1 LOCATION MAP CALIFORNIA

400

DEC 23 1955

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

Re: Docket No. DMEA-4087, Tungsten
Billy L. Rose & Ellis M. Rose
Rose Group of Claims
Sierra County, California

Dear Mr. Ricker:

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

Copies of memoranda dated December 12, 1955, and December 16, 1955, by N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Approved:

/s/ Robert W. Geehan

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, Reg. 2

TLChapman/ls
12/22/55

400

DEC 23 1955

Mr. Billy L. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of Claims
Sierra County, California

Dear Mr. Rose:

The above-docketed 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, 1607 Evans Avenue, Reno, Nevada, for review and a possible field examination of the property.

If a field examination is considered necessary, any assistance that you may give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Oper. Comm.
Adm. Read. File
T. Killingaard, USGS
R. W. Holliday, USBM
FT, Reg. 2
TLCHAPMAN/LS DEC 23 1955

400

December 16, 1955

Memorandum

To: Chief, Iron & Ferroalloys Division-DMEA
Through: Acting Chief, Branch
of Ferrous Metals & Ferroalloys

From: Commodity Specialist-Tungsten

Subject: Docket No. DMEA-4087
Rose Research #1, #2, & #3
Rose Tunnel #1, & #2
Sierra County, California
Billy L. and Ellis E. Rose
511 Pomona Avenue, Albany, California
$7,380.00-Tungsten

The proposed work consists of road improvement, 1150 feet of diamond drilling and 30 feet of drift.

Since information given by the applicant is insufficient for an appraisal and since rock analyses are listed in a somewhat confusing manner it is recommended that a field referral be made. It may be that some other mineral or combination of minerals are more important than tungsten.

R. W. Holliday

RWHolliday/tra

Copy to: Mr. Holliday
Mr. Geehan
Files
Docket File - DMEA-4087

400

Selfridge
F.G. Johnson

SEP 20 1956

Messrs. Billy L. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on the Rose Group of claims, indicates to us that the probability of disclosing minable ore reserves is not sufficiently promising to justify Government participation. Under the 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

TLChapman/ls/esf
9/18/56
cc: Docket
Code 400
Oper. Comm.
Admr. R. File
T. H. Kiilsgaard, USGS
R. W. Holliday, USBM
FT, Region II

P.C.K.

400

DOCKET
Surname:
McMahon
Hoff
Holliday
Kiilsgaard
Lahr
Selfridge

Messrs. Billy L. Rose & Ellis E. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4087, Tungsten
Rose Group of claims
Sierra County, California

Gentlemen:

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 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 some tungsten mineralization on this property, indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under the 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,

Administrator

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

TLChapman/ls
9/13/56

Docket

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

RECEIVED
SEP 19 1956

September 18, 1956

Memorandum

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

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

WSM

Subject: Review of Field Team Examination Report
Billy L. Rose & Ellis E. Rose
Rose Group of Claims
Sierra County, California
Docket No. DMEA-4087 (Tungsten)

Subject report concludes that "the grade is too low and the mineralized reinlets are too small and widely scattered to be economically mined" and "there is no target where a significant discovery could be made".

I concur in the Field Team recommendation of denial.

R W Holliday
R. W. Holliday

Copy retained 400

[redacted]

Docket
~~400~~

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

224 New Customhouse
Denver 2, Colorado

September 17, 1956

WSM

Dr. Leroy Foster
Massachusetts Institute of Technology
Cambridge, Massachusetts

Re: Docket DMEA 2957 (Tungsten), Contract Idm-E632, Carl Hovgard (Wothree Mine) Mohave County, Arizona

Dear Dr. Foster:

We are forwarding herewith the following correspondence:

1. One copy of Certification by the United States of America of a Discovery or Development Under an Exploration Project Contract, dated August 9, 1956, to Mr Carl Hovgard from C. O. Mittendorf, Administrator, DMEA.

2. One copy of letter dated August 9, 1956 to Mr. Carl Hovgard from the Administrator, transmitting the Certification.

3. One letter (undated) to you from the Administrator transmitting the above listed correspondence.

The enclosed material was forwarded by Washington to this office with the request we determine your correct mailing address. We hope you have not been inconvenienced by the necessary delay.

Yours very truly,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosure
MHM/vj
cc: Royalty File E632
Corres. File E632
Sec. Opr. Comm. (2)
W. R. Storms
Marshall
Chron.

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

September 14, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance
Docket No. DMEA-4087, Tungsten
Billy L. Rose and Ellis E. Rose
Rose Group of claims
Sierra County, California

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

Applicant: Billy L. Rose and Ellis E. Rose
511 Pomona Avenue, Albany, California

Property: Property includes 3 lode mining claims and 2 tunnel sites, located in sec. 7, T. 20 N., R. 13 E., M.D.B. and M., Sierra County, California, recorded as follows:

Name	Book No.	Page No.
Rose Research No. 1	Z	114
Rose Research No. 2	Z	115
Rose Research No. 3	Z	116
Tunnel Site 1 and 2	Z	117

The property was located by the applicants in 1955.

History & Production: The mineralized veinlets were discovered on the property in 1954 by the applicants, but there has been no production from the subject group of claims. The only work completed consists of a few shallow pits.

Geology: The area is underlain by granodiorite of Cretaceous age, and is cut by thin quartz veinlets containing traces of tungsten, molybdenum, and copper-bearing minerals.

Comments: N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, concur in the denial recommended by the Field Team.

S. P. Holt, Acting Chief
Iron and Ferro-Alloys Division

DOCKET
Surname:
McMahon
Holt
Holliday

400

September 14, 1956

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of application for exploration assistance
Docket No. DMEA-4087, Tungsten
Billy L. Rose and Ellis E. Rose
Rose Group of claims
Sierra County, California

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

Applicant: Billy L. Rose and Ellis E. Rose
511 Pomona Avenue, Albany, California

Property: Property includes 3 lode mining claims and 2 tunnel sites, located in sec. 7, T. 20 N., R. 13 E., M.D.B. and M., Sierra County, California, recorded as follows:

Name	Book No.	Page No.
Rose Research No. 1	Z	114
Rose Research No. 2	Z	115
Rose Research No. 3	Z	116
Tunnel Site 1 and 2	Z	117

The property was located by the applicants in 1955.

History & Production: The mineralized veinlets were discovered on the property in 1954 by the applicants, but there has been no production from the subject group of claims. The only work completed consists of a few shallow pits.

Geology: The area is underlain by granodiorite of Cretaceous age, and is cut by thin quartz veinlets containing traces of tungsten, molybdenum, and copper-bearing minerals.

Comments: N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, concur in the denial recommended by the Field Team.

TLChapman/ls
9/14/56

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

S. P. Holt, Acting Chief
Iron and Ferro-Alloys Division

Docket

IN REPLY REFER TO:

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

RECEIVED
SEP 11 1956

WSM

September 10, 1956

Copy retained 400

Re: DMEA 4087
Billy L. and Ellis E. Rose
Rose Group
Sierra County, California
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 applicants requested assistance in exploring scattered sparsely mineralized quartz veinlets in granodiorite.

As determined by sampling the veinlets carry only very small amounts of tungsten and molybdenite. In the opinion of the examiners there is no reason to expect better material at depth.

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

R M E A

RECEIVED Docket

SEP - 7 1956

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

1605 Evans Avenue
Reno, Nevada

September 5, 1956

Memorandum

WSM

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

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-4087 (Tungsten)
Billy L. Rose & Ellis E. Rose
Rose Group of Claims
Sierra County, California
(Your letter dated December 23, 1955)

Enclosed are four copies of a report by B. H. Sheahan, Bureau of Mines and H. K. Stager, Geological Survey, on subject property recommending denial of DMEA exploration aid.

Roscoe Smith and I concur in the recommendation.

S. Ricker

Encl.

DMEA OPERATING COMMITTEE
9-10-56
(date)

RECEIVED
SEP - 7 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-4087 (Tungsten)
Billy L. and Ellis E. Rose
Rose Research Claims
Sierra County, California

by

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

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

August 31, 1956

Reviewed by
DMEA OPERATING COMMITTEE
9-10-56
(date)

RECEIVED
SEP - 7 1956

INTRODUCTION

Messrs. Billy L. and Ellis E. Rose, 511 Pomona Avenue, Albany, California, applied for Government assistance in a $7,380 program under the Defense Minerals Exploration Administration, Docket DMEA-4087, to explore for tungsten and other minerals on the Rose Research group of claims, Sierra County, California.

A field examination was requested by the Operating Committee on December 23, 1955, but because of deep winter snows the property was not accessible until July, 1956. The examination was made by B. H. Sheahan, U. S. Bureau of Mines, and H. K. Stager, U. S. Geological Survey, on July 25, 1956, accompanied by the Applicants.

The Applicants proposed to explore for minable tungsten-molybdenum-copper ore bodies by 1,150 feet of diamond drilling and 30 feet of adit.

CONCLUSION AND RECOMMENDATIONS

The Rose Research Claims contain several thin, sparsely mineralized quartz veinlets in granodiorite. The veinlets contain only traces of tungsten, molybdenum, and copper. The grade is too low and the mineralized veinlets are too small and widely scattered to be economically mined.

It is recommended that Government assistance under the DMEA program be denied because there is no target where a significant discovery could be made.

RECEIVED
SEP - 7 1956

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The claims are in Section 7, T. 20 N., R. 13 E., M.D.B. & M., Sierra County, California, at an altitude of 7,000 to 7,500 feet on the north slope of Deadman Peak, within the Tahoe National Forest, (Figure 1).

To reach the property from Sierra City, California, follow California State Highway 49 for 7.7 miles easterly to Haskell Creek. From this point, follow a very steep unimproved trail 1.5 miles southerly. The claims are a few hundred yards south of Deadman Lake and are inaccessible during winter months because of snow conditions.

Downieville, California, the nearest source of labor and supplies, is 20.5 miles by road west of the Haskell Creek turnoff.

HISTORY AND PRODUCTION

Billy L. Rose and his brother, Ellis M. Rose, found sporadic traces of molybdenite and chalcopyrite in a rock slide along the north slope of Deadman Peak in 1954. A group of claims were located the following year. There has been no production.

RECEIVED
SEP - 7 1956

PROPERTY AND OWNERSHIP

The property includes the unpatented Rose Research Claims No. 1, No. 2, and No. 3, and the Rose Tunnel Sites No. 1 and No. 2. Location certificates are recorded at Downieville, California, in Volume 2, pages 114, 115, 116, and 117.

The following equipment is owned by the Applicants:

One Jeep - fair condition.

One Pioneer rock drill, gasoline, 4-foot steel - rental purchase.

Miscellaneous hand tools - fair condition.

The senior Applicant is a carpenter foreman and has had very little mining experience.

Four shallow prospect bits, a few feet deep, are the only workings.

GENERAL GEOLOGY

The Rose Research Claim area is underlain by granodiorite of the Sierra Nevada batholith of Cretaceous age. The granodiorite is cut by thin quartz veinlets containing traces of molybdenum-, tungsten-, and copper-bearing minerals.

The granodiorite is a light-gray, fine- to medium-grained rock. It is cut by dikes of white, fine-grained rhyolite and thin quartz veinlets. The dikes and veinlets occupy joints in the granodiorite that strike about N. 20° W. and dip about 75° NE.

Glaciation has stripped the granodiorite clean over much of the area and fresh unoxidized metal-bearing minerals are exposed in the quartz veinlets at the surface.

ORE DEPOSITS

The deposit consists of traces of molybdenum-, tungsten-, and copper-bearing minerals in thin quartz veinlets along joints in granodiorite.

Ore minerals are molybdenite, powellite (probably tungsten-bearing), ferrimolybdite, chalcopyrite, and chrysocolla. Gangue minerals are quartz, pyrite, and limonite. Because of glaciation that has removed any weathered material that may have been present, primary sulfide minerals are exposed on the outcrops.

The veinlets strike about N. 20° W., dip about 75° NE, range from a fraction of an inch to 6 inches wide, and from a few feet to 20 feet long. The mineralized quartz veinlets are several

hundred feet apart. A sample from the best exposure on the Rose Research No. 1 Claim contained 0.18 percent Mo. and 0.01 percent WO_3.

SAMPLING

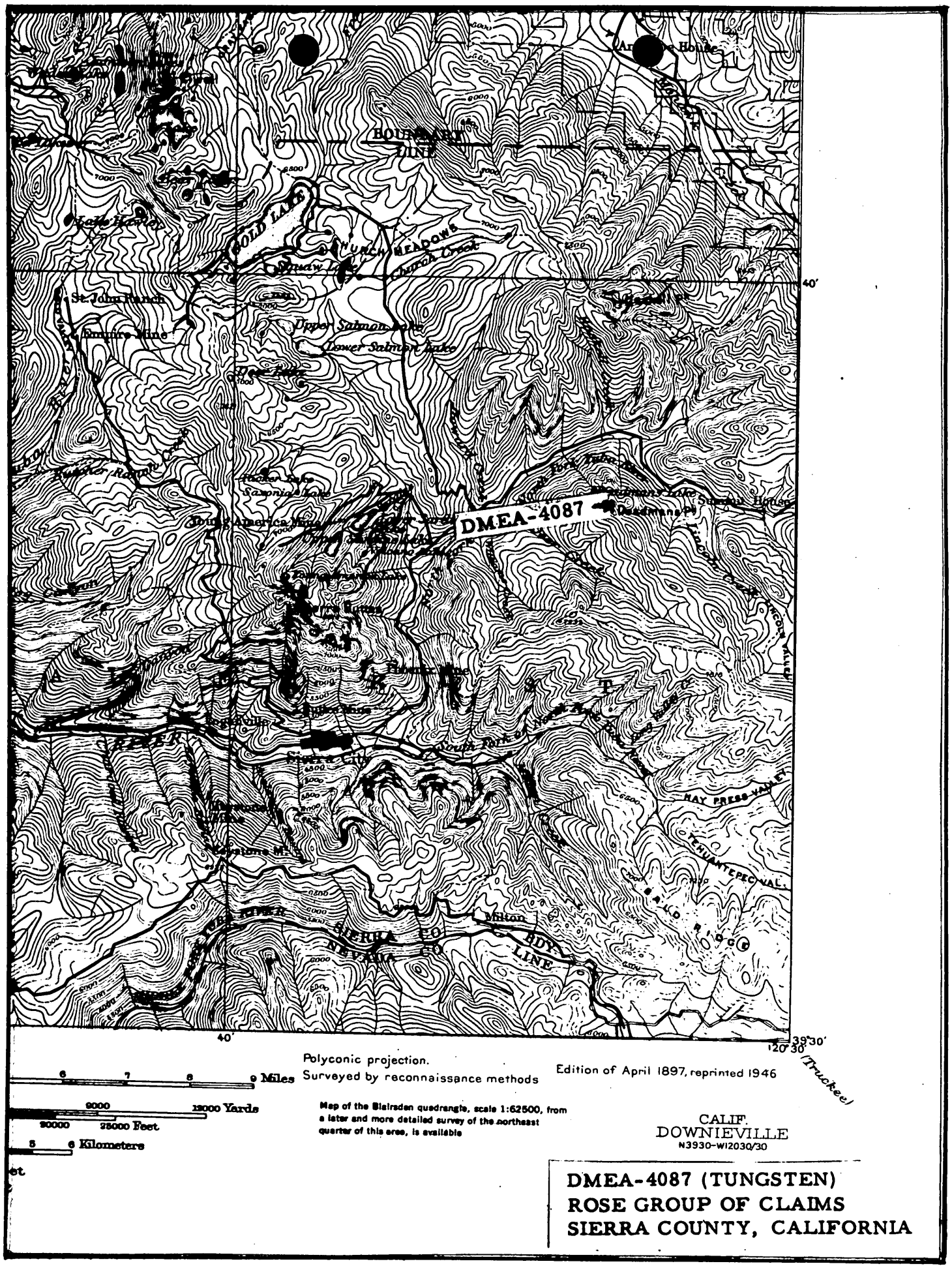
The following samples were taken from the property:

Sample No.	Width Feet	Percent WO_3	Percent Mo.	Ounce/Ton Ag.	Ounce/Ton Au.	Remarks
S-515	1.0	0.01	0.01	Tr.	Tr.	Pit Rose No. 2 quartz veinlet in granodiorite.
S-516	0.3 to 0.5	0.01	0.18	Tr.	Tr.	Pit Rose No. 1 quartz veinlet in granodiorite.

Specimens submitted by the Applicant and other specimens obtained by the examiners were lamped with ultra-violet light, but no scheelite was observed.

ORE RESERVES

There are no reserves of ore grade material on the Rose Research Claims. The mineralized quartz veinlets that are the target of the proposed exploration are too thin, low grade, and widely scattered to be mined economically. Geologic evidence does not indicate the presence of larger or higher grade ore bodies below the present exposures or elsewhere on the claims. It is probable that any type of exploration will prove to be more costly than the value of any ore discovered.



DMEA-4087 (TUNGSTEN)
ROSE GROUP OF CLAIMS
SIERRA COUNTY, CALIFORNIA

FIG. 1 LOCATION MAP CALIFORNIA

Extract from Reg. II monthly report for July:

"An attempt to examine the property in early July failed; another attempt to examine the property is currently being made."

400

Chapman
Martin
Selfridge
Hoffman

DEC 23 1955

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

Re: Docket No. DMEA-4087, Tungsten
Billy L. Rose & Ellis M. Rose
Rose Group of Claims
Sierra County, California

Dear Mr. Ricker:

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

Copies of memoranda dated December 12, 1955, and December 16, 1955, by N. E. Nelson, Geological Survey, and R. W. Holliday, Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Approved:

/s/ Robert W. Geehan (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

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

TLChapman/ls
12/22/55

R.C.K.

DOCKET
Surname:
Chapman
400 Martin
Hachem
Kilsgaard
Selfridge
Fitzsimmons

DEC 23 1955

Mr. Billy L. Rose
511 Pomona Avenue
Albany, California

Re: Docket No. DMEA-4057, Tungsten
Rose Group of Claims
Sierra County, California

Dear Mr. Rose:

The above-docketed 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, 1007 Evans Avenue, Reno, Nevada, for review and a possible field examination of the property.

If a field examination is considered necessary, any assistance that you may give the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

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

TLCHAPMAN/LS DEC 22 1955

R.C.L.

IN REPLY REFER TO:

Docket

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

RECEIVED
DEC 12 1955

December 12, 1955

Re: DMEA 4087
Billy L. Rose and Ellis E. Rose
Rose Group
Sierra Co., Calif.
$7,380.00 - 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 doing work on a system of veins in a granite country rock which carries zirconium and lead. A quartz vein assays in molybdenum, copper, tungsten, and gold. Tungsten is the least of these.

The proposed work program consists of:--

5 core drill holes at 150 ft. = 750 feet
4 " " " at 100 " = 400 "
Tunnel 50 "
Access road 80 man hours

Total cost $7,380.00

The data supporting the application fail to define a target. Probably the scattered work is intended to prospect for a target rather than to explore a specific vein or zone. If the veins are as numerous as shown on the sketch map and the float is molybdenum-bearing, bulldozing might be effective in searching for veins if from the general appearance more work than the signs predict is warranted.

Referral to the Field Team for an office appraisal is recommended.

N. E. Nelson

N. E. Nelson

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

December 16, 1955

Memorandum

To: Chief, Iron & Ferroalloys Division-DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist-Tungsten

Subject: Docket No. DMEA-4087
Rose Research #1, #2, & #3
Rose Tunnel #1, & #2
Sierra County, California
Billy L. and Ellis E. Rose
511 Pomona Avenue, Albany, California
$7,380.00-Tungsten

The proposed work consists of road improvement, 1150 feet of diamond drilling and 30 feet of drift.

Since information given by the applicant is insufficient for an appraisal and since rock analyses are listed in a somewhat confusing manner it is recommended that a field referral be made. It may be that some other mineral or combination of minerals are more important than tungsten.

R. W. Holliday

Copy to: Mr. Holliday
Mr. Geehan
Files
Docket File - DMEA-4087

December 8, 1955
Subject: DMEA-4087
Re: Exploration Assistance

Mr. Billy L. Rose
511[illegible] Pomona Avenue
Albany, California

My dear Mr. Rose:

The receipt of your application dated November 28, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4087 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

60932

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEC - 5 1955

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-4087
Metal or Mineral Tungsten
Date Received 12-5-55
Estimated Cost $7,380.00
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: Billy L. Rose, Ellis E. Rose
511 Pomona Ave. Albany, 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 Rose Research #1, #2, #3. and Rose Tunnel Site #1. #2, situatedin T. 20 N.R. 13 E.M.D. County of Sierra , atate of California

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

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

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

(*e*) If you own the land, describe any liens or encumbrances on it Vol. Z page LL4,115,116,117. of quartz claims.

(*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

WO_3, MoS_2, Cu ZrO_2

(*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 june 1, 1956 days and be completed within 24 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?

☐ 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 Nov. 28, 1955

Billy L. Rose
(Applicant)

By Billy L. Rose

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

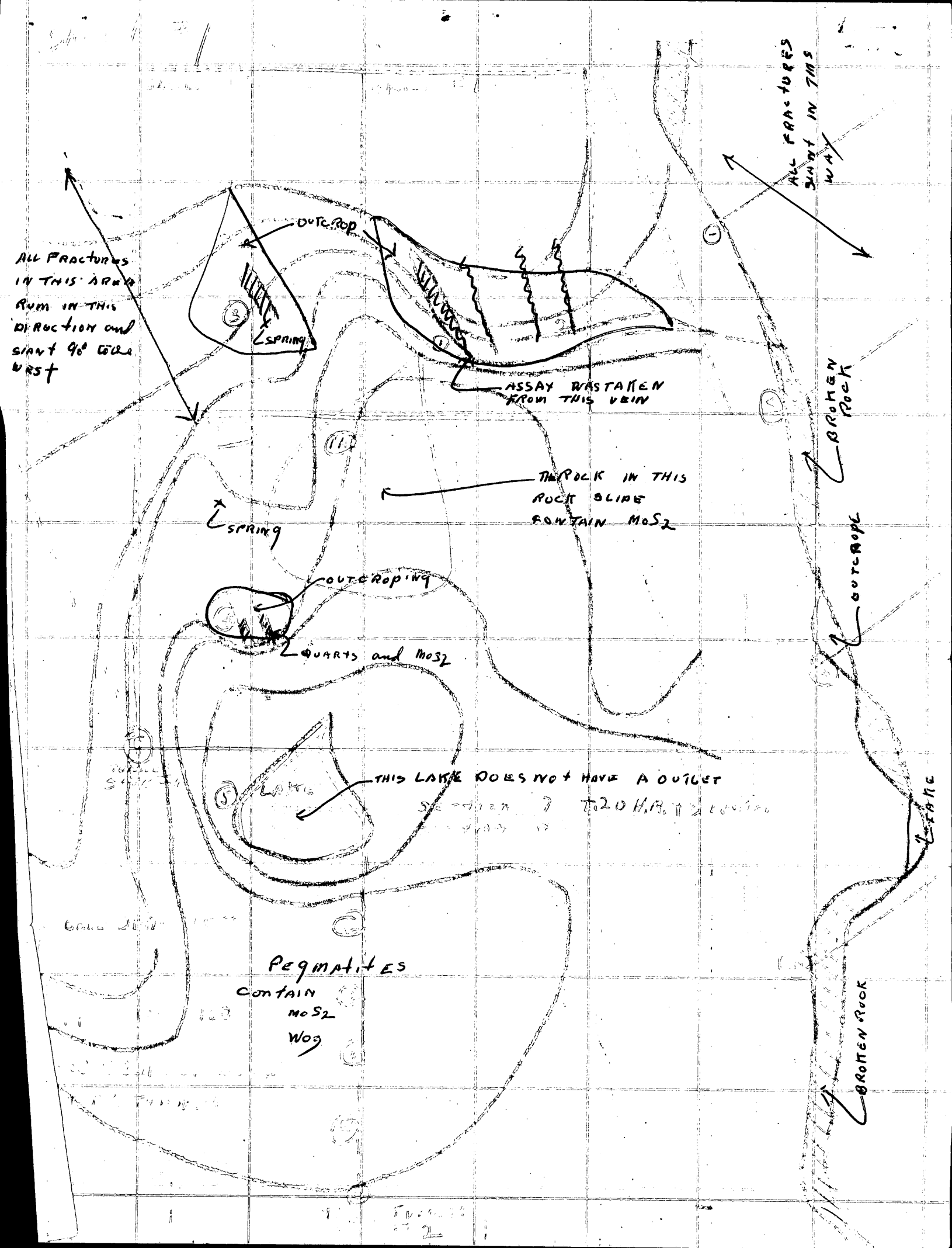
sheet#2

RECEIVED DEC 7 1966

#4. Physical decription
(c)The geologic features are, the elevationi is 7,000. It is approximately one mile south of highway 49 and the north fork of the Yuba River.
The country rock is acidic ingneous rock with quartz veins and some pegmatites The granite country rocka assys .20 Zirconium oxide .13 Lead .The quartz veins assays .750 MoS_2 ,.450 sulphide Mo,1.20 Copper, .01 WO_3 and $1.56 in gold Most of the fractures near the quartz veins contains MoS_2 and WO_3 but not all of them. The only way to determine which ones would be to core drill.
The reason for exploring is from the float rock there is a good possibility that there is a larger vein under the rock overburden which covers most of the area. Especially near the lake as the veins weather more readily than the country rock and it seems that a large trench weathered out then the lower end collapsed coming the lake. Also to dertermine the extent of the present veins and fracture area. to determine the content of the pegmatite area.
(d)
The project is approximatly one mile from the highway and is 34 miles from Truckee the nearest rail rood. There is not a road from the highway to the project but is accessibility by jeep.
(e)
There is timber on the claims . There is a three(3) acre lake adjoining the claims which is fed by springs and has no outlet there is also a power line following the highway the project is 30 miles east of Downieville the county seat of Sierra county
#5
(a) WO_3 MoS_2 Cu ZrO_2
(b)To improve a jeep road which will be sufficient to supply this project. (80) man hr. five(5) core holes of 150 ft in depth Four (4) core holes of 100 ft, in depth. total ft. drilled 1150. 30 ft, of drift tunnel (see sheet #2). see sheet #1
d)
I am a carpenter forman by trade. Have worked with engineers for Morrison& Knudsen Alaska division . Have worked in a placer gold claim in Nome Alaska and will consul an geologist periodically throughout the project when necessary.
#6
(a) none
(b)-

	MAN HR.	COST	TOTAL
labor	2,000	2.00	$4.000.00
assay			100.00
geologist consulants			300.00
(c) dynamite			130.00
small tools such as shovels hammers ect.			100.00
fuel			300.00
(d)			
Diamond drill			1,500.00
diamond bits and tubing			350.00
Jeep			to be furnished by owner
(e) none			
(f) shope and storage house power magazine			400.00
all repair work , accounting to be done by owner			
insurance			200.00
		total	$7,980.00

#7
(a) yes
(b) To do the labor , repair work, accounting and use of jeep tent and camping equipment. Mineralight.


ALL FRACTURES SLANT IN THIS WAY
OUTCROP
ALL FRACTURES IN THIS AREA RUN IN THIS DIRECTION and SLANT 90° to the WEST
SPRING
ASSAY WAS TAKEN FROM THIS VEIN
BROKEN ROCK
THE ROCK IN THIS ROCK SLIDE CONTAIN MoS2
SPRING
OUTCROPPING
OUTCROPPING
QUARTS and MoS2
THIS LAKE DOES NOT HAVE A OUTLET
LAKE
Pegmatites contain MoS2 Wo3
BROKEN ROCK

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

Nov. 22, 1955

Memorandum

To: All Washington employees payrolled by the Fiscal Section, Office of the Secretary

From: Chief Clerk

Subject: Home address for income tax purposes

As you know, each year Form W-2 is prepared for each employee showing the gross salary paid during the year and the deductions for income taxes. The latest address of record of the employee is shown on the form and a copy is furnished to the employee's state or the District of Columbia for residence indicated by the address. The address of each employee is taken from the Form W-4 which is on file in the payroll unit, but because of the many moves that are made in the Washington area between the District of Columbia and Maryland and Virginia it is probable that many of the addresses are out of date. As the payroll unit does not have the personnel to answer inquiries or check the current addresses, it is believed that the easiest method to bring them up-to-date is for each employee to file a new W-4, which should be completed in all respects. A supply of the forms is being given to each time and leave clerk who will be responsible for obtaining one from each employee and submitting them to the Fiscal Section on or before December 15. Thereafter, a new W-4 should be submitted whenever a change of address occurs.

In this connection, individual employees are requested not to call the payroll unit but to submit any questions they may have regarding payroll and leave matters to their time and leave clerk who will provide or obtain the answer.

C. C. Davison

90075