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DEFENSE MINERALS ADMINISTRATION
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To:	400	Date	6/4/54
To:	Oper Com	Date	6-23-54
To:	400	Date	7-28
To:	Oper Com	Date	9-17-54
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CONTROLLED DOCUMENT

SEP 17 1954

Dockeye Mining Company
[illegible] Ventura Boulevard
[illegible], California

Re: Docket No. DMEA [illegible]-Tungsten
Dockeye Mine
Tulare County, California

Gentlemen:

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 domestic supply position for the national defense program.

Careful study of all our information, although noting the presence of tungsten mineralization on your property, indicates to us that the probability of discovering minable ranges of ore reserves on your property is not sufficient, promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Frank E. Johnson
Acting Administrator

cc: DOCKET
FIELD TEAM, REG. III
CODE 400
ADM. READ. FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

FARutledge/ls
9-15-54

SEP 1 7 1954

SEP 27 1954

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

Reference is made to our letter of August 2, 1954, with regard to the status of an application from the Buckeye Mining Company, 1 24 Ventura Boulevard, Encino, California, for aid in exploring for tungsten on the Buck Jo and Midnight claims in Tulare County, California (our Docket No. DMEA 3350).

As the result of a field examination of the referenced property and consideration of all available data, it has been determined that the probability of disclosing ore reserves by the applicant's proposed program is not sufficiently promising to justify Government participation in an exploration project. The referenced application, therefore, has been denied.

For your information, a copy of our letter of denial to the Buckeye Mining Company is enclosed.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure

cc: DOCKET
FIELD TEAM, REG. III
CODF 400
ADM. READING FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

FARutledge/ls
9-15-54

September 1[illegible], 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $51,[illegible]74.00
Docket No. DMEA 33[illegible] - Tungsten
Buckeye Mining Company
Buckeye mine
Tulare County, California

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

(1) The applicant proposed to excavate four trenches or open cuts across the mineralized zone to a maximum depth of approximately 20 feet. If necessary, short adits were to be drive. from the face of the open cuts to explore the remainder of the mineralized zone. This was to be followed by a diamond drilling program to explore the tactite at depth.

(2) The major tungsten occurrences exposed on the Buckeye and Midnight claims are in a think zone of tactite along a contact between marble and granodiorite. Scheelite is the only tungsten mineral present and the ore bodies are small and erratically distributed. The largest body of tactite, containing the richest concentration of scheelite, is exposed in the open cut near the middle of Midnight claim. This ore shoot is [illegible] to 3 feet wide and can be traced for about 20 feet on the surface but does not extend across the width of the cut and appears to be pinching out with depth. A sample across this ore shoot, 2[illegible] feet in length, analyzed [illegible].13 percent WO_3. Other smaller scheelite-bearing tactite lenses are exposed in shallow pits and trenches on the Midnight and Buckeye claims. Analyses of samples taken from some of the other scheelite-bearing tactite lenses follows:

Sample width feet	WO_3 percent
1.0	0.25
3.5	[illegible].15
1.0	0.01

A grab sample of a stockpile, estimated by the applicant to contain 100 tons of ore-grade material, analyzed 0.01 percent WO_3.

(3) Since making the subject application for exploration assistance, the applicant has proceeded at his own expense to excavate an open cut similar to the type proposed in the application. This open cut is the one exposing the ore shoot near the middle of the Midnight claim and has been made in the most favorable location and in the best ore exposed on the property.

(4) The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be difficult, expensive, and unlikely to give satisfactory results.

(5) The examining Field Team recommended that the request for exploration assistance be denied.

(6) The Field Team concurs with the recommendations of the examining engineer and geologist.

(7) The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

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

FARutledge/ls

cc: Docket
Adm. Reading File
Code 400
Oper. Committee

IN REPLY REFER TO:

400

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

September 14, 1954

Re: DMEA-3380 3380
Buckeye Mining Co.
Tulare Co., Calif.
$51,274 - Tungsten

Memorandum

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

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

Subject: Concurrence with Field Team recommendation for denial

The applicant's proposed project consists of trenching at two or more locations to a depth of 25 feet, and 2,000 feet of diamond drilling to test the tactite zones at depth.

The Field Team recommends this application be denied for the following reasons.

1) Tungsten deposits are small and erratically distributed.

2) Limestone near tactite zones contains numerous fractures and solution cavities. Diamond drilling results would be unsatisfactory in ground of this type.

3) With the exception of one sample, assay results indicate the average grade of the mineralization is less than 0.25 WO_3 over widths ranging from 1.0 to 3.5 feet.

Sufficient exploration has been done to indicate that significant deposits of minable ore are unlikely to be found by the proposed work.

The Field Team's conclusions regarding the potentialities of this property appear to be valid. I concur with their recommendation that the applicant's proposed work be denied.

ELNewcomb:hlm
G-9/14/54

E. L. Newcomb

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

400

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

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

August 31, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3380 - Tungsten
Buckeye Mining Company
Buckeye Mine
Tulare County, California

Reference is made to your letter dated June 24, 1954, referring the subject application to us for a field examination.

Attached are the original and three copies of a report entitled "DMEA-3380, Buckeye and Midnight Claims, Tulare County, California, (Tungsten)," by J. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and M. K. Stager, Geologist, U. S. Geological Survey, dated August 26, 1954.

The examining engineer and geologist are in agreement that a loan is not warranted. The tungsten deposits occur in tactite lenses formed by contact metamorphism of impure limestone into which tungsten bearing solutions have been introduced. Scheelite is the only ore mineral present in the deposits. There is no evidence to indicate that ore bodies of higher grade or larger size will be found at depth or on other parts of the contact. Past production from the property has totaled about 30 tons of ore that yielded 30 units of WO_3.

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

S. RICKER

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

Attachment

Copy to: Roscoe Smith, USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3380, Buckeye and Midnight Claims

Tulare County, California

(Tungsten)

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

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

August 26, 1954

EXAMINATION REPORT

Docket No.: DMEA-3380 (Tungsten)

Name and address of applicant: Mr. Dorsey T. Shoemaker, Buckeye Mining Co., 16946 Ventura Blvd., Encino, California

Walter L. Voth, Gen. Del., Dunlap, Calif.

Name and location of property: Buckeye and Midnight lode mining claims, Tulare County, California

SUMMARY

The Buckeye Mining Company property includes two unpatented mining claims recently located on ranch land owned by Mr. Forest Homer. The claims include the Midnight and the Buckeye situated on the west flank of "Little Baldy" mountain in secs. 3 and 4, T. 18 S., R. 29 E., M.D.B. &M., at an elevation of 3,000 feet and approximately six miles southeast of Three Rivers, Tulare County, Calif.

The prospect was examined by an engineer of the Bureau of Mines and a geologist of the Geological Survey, accompanied by the applicants for DMEA exploration assistance, on July 14, 1954.

The Buckeye property is in a thin zone of tactite along a contact between marble and granodiorite. Scheelite is the only ore mineral present. Ore bodies are small and erratically distributed.

Exploratory workings include several pits and two large trenches excavated by the applicants. There are no other underground workings. The main trench exposed some good ore assaying 2.13% tungsten across

a width of 2.5 feet. The sides of the trench were loose, and mining of the small ore body exposed would result in a hazardous operation with dilution of the ore by waste rock.

The applicants lack mining ability and experience.

The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be very difficult, expensive, and unlikely to give satisfactory results.

CONCLUSIONS AND RECOMMENDATIONS

The ore bodies on the Midnight and Buckeye claims are small, and the grade and distribution of the ore shoots in the tactite bodies are erratic. The method of exploration proposed and under way on the Midnight claim is costly, of little value geologically, and dangerous in nature. The cost of any other method of exploration that can be proposed will probably exceed the value of the ore to be discovered. There is no evidence to indicate that ore bodies of higher grade or larger size will be found at depth or on other parts of the contact. It is recommended that Government assistance under the DMEA program be denied.

TIME SPENT ON PROPERTY

The property was examined by the engineer and geologist accompanied by the applicants on July 14, 1954.

NAME AND LOCATION OF PROPERTY

The Buckeye Mining Co., a partnership, includes two unpatented mining claims, located in the Three Rivers Mining District, Tulare County, Calif. The claims, Midnight and the Buckeye, are situated in secs. 3 and 4, T. 18 S., R. 29 E., M.D.B.&M., at an elevation of 3,000 feet (see fig. 1).

ACCESSIBILITY

The property is reached from Three Rivers, Calif., located on California State Highway 198, by following a paved narrow winding road 7.0 miles southeast along the South Fork of the Kaweah River. Turn left and follow a very poor steep dirt road northeasterly 2 miles to the mining claims. The dirt road is little more than a jeep trail and grades are very steep. This road climbs approximately 1,500 feet in elevation in 2 miles. The road would be closed during wet weather and will probably be completely washed out by the next heavy rain storm.

COMPETENCY OF APPLICANTS

Both partners lack mining experience. Mr. Shoemaker's occupation is connected with a cleaning business. Mr. Voth has some experience as a construction foreman with a power company and has worked at tungsten mine properties for less than two years. Mr. Voth has interested Mr. Shoemaker in the Buckeye and Midnight claims.

The operating personnel consisted of the partners and two employees who likewise lacked mining ability.

Mr. Dorsey T. Shoemaker has provided most of the capital for expenditures amounting to about $8,000.00 at the property.

APPLICANTS PROPERTY RIGHTS

The two unpatented mining claims include the Midnight and the Buckeye claims. These claims are situated on the E. F. Homer ranch property. This tungsten deposit was formerly held by Mr. Melvin R. Clover of Lemon Cove, Calif., who located two claims in May 1951 which were known as the Melba No. 1 and No. 2 lode mining claims.

The Midnight and Buckeye claims were located on October 7, 1953 by Mr. H. W. Fouts who in turn conveyed the property by quit claim deed to Mr. Walter Voth on December 21, 1953. An agreement between Mr. Walter L. Voth and Mr. E. F. Homer, dated October 28, 1953, requires that a five percent royalty payment of the gross of all mineral production be made to Mr. E. F. Homer.

The Buckeye Mining Company is a partnership which includes Mr. Walter L. Voth and Dorsey T. Shoemaker.

DESCRIPTION OF PROPERTY

There are no surface facilities at the property. The workmen live at Three Rivers, Calif.

Exploratory workings include one deep trench approximately 100 feet in length, from 7 to 30 feet in width, and 30 feet in depth at the face. Several shallow prospect pits have been excavated. There are no underground workings. (See fig. 2) Most of the exploration work has been done

on the Midnight claim.

EQUIPMENT

Equipment and supplies at the property are as follows:

Item	Condition	Remarks
1 Air compressor, 105 c.f.m.	poor	Being rented
1 Truck, 1-1/2-ton, 4-wheel drive	"	Owned
1 Skip loader, TD-9	"	Being purchased
1 Jackhammer with drill steel & hose	fair	Owned
1 Jeep, 1/4-ton truck	poor	Being rented
1 Pickup truck, 1/2-ton	fair	Being purchased
Miscellaneous hand tools	poor	Owned
200 feet air pipe, 1" and 1-1/2"	fair	Owned
Explosives, 250 pounds	"	Owned
Fuse, 500 feet	"	Owned
Caps - 200	"	Owned
Camp stove, gasoline	poor	Owned

SAMPLING

The following samples were taken from the property at locations indicated on the attached map (fig. 2):

Sample No.	Width, feet	%, WO_3	Remarks
S-278	1.0	*0.01	Tactite
S-279	Muck pile	*0.01	Main trench stockpile
S-280	1.0	0.25	North open cut
S-281	2.5	2.13	Main trench
S-282	3.5	0.15	Main trench

*Less than.

GEOLOGY

The Buckeye mine is in a thin zone of tactite along a contact between marble and granodiorite. This deposit has been previously described

by Jenkins [1] and Krauskopf [2], under "Eagle claim" the former name of the property.

The metamorphic rocks underlying the Buckeye and Midnight claims form a roof pendant consisting of marble, hornfels, and tactite in a body about 1,200 by 1,600 feet in surface area and surrounded by granodiorite. The rocks strike north and dip steeply east. The marble is gray, coarse-grained, fractured, and contains numerous solution cavities. There are several types of hornfels, from lime-silicate to argillaceous in composition. Tactite consisting of garnet, epidote, quartz, pyroxene, and calcite with some scheelite is exposed along the eastern edge of the body.

The granodiorite is gradational from a dark micaceous diorite at the contact with the metamorphic rocks to a light-gray medium-grained rock away from the contact.

ORE DEPOSITS

The tungsten deposits occur in tactite lenses, formed by contact metamorphism of impure limestone, into which tungsten-bearing solutions have been introduced. Scheelite is the only ore mineral present in the deposits.

Garnet-epidote tactite, containing pods of coarse-grained scheelite, occurs at and near the contact of the calcare ous rocks with the granodiorite.

1/ Jenkins, William C., 1943, Tungsten Deposits Northeast of Visalia, California: Calif. Jour. Mines and Geology, Vol. 39, No. 2, p. 177.

2/ Krauskopf, Konrad B., 1953, Tungsten Deposits of Madera, Fresno, and Tulare Counties, California: Calif. Div. Mines Special Report 35, p. 81.

The largest body of tactite, containing the richest concentration of scheelite, is exposed in the open cut near the middle of the Midnight claim (fig. 2). Other smaller scheelite-bearing tactite lenses are exposed in shallow pits and trenches on the Midnight and Buckeye claims.

The grade and distribution of the ore shoots within the tactite bodies are erratic. An ore shoot exposed in the face of the open-cut near the center of the Midnight claim (fig. 2), is 2 to 3 feet wide and could be traced for about 20 feet on the surface but did not extend across the width of the cut and appeared to be pinching out with depth. Ore bodies exposed in the two pits above the open-cut appeared to be pod-like and contained only a few tons of ore-grade material.

Past production from the property has totaled about 30 tons of ore that yielded 30 units of WO_3. A small pile of broken ore estimated to contain about 3 tons of 1 percent WO_3 was ready for shipment at the time of the field examination. Another larger pile of material that the operators estimated to contain about 100 tons of ore-grade material was sampled by the field team and assayed less than 0.01 percent WO_3.

ORE RESERVES

The only material of ore grade exposed in minable concentrations at the Buckeye mine is in the open-cut near the middle of the Midnight claim.

About 50 tons of measured reserves with an average grade of about 2 percent WO_3 was exposed on the surface and in the face of the open-cut

at the time of the field examination. An additional 400 tons of reserves with an average grade of about 1 percent WO_3 is indicated above the floor of the open-cut and between the face of the cut and the two shallow pits 10 to 20 feet to the northeast (see fig. 2). Assuming the continuity and grade of ore below the cut level is equivalent to that already mined or exposed in the top 25 feet of the ore body, a reserve of about 15 tons per foot of depth is inferred to a depth of 50 feet.

Summary of Ore Reserves

Class	Claim	Tons	Grade
Measured	Midnight claim	50	2.0
Indicated	Midnight claim	400	1.0
Inferred	Midnight claim	750	1.0
Total		1,200	1.0

EXPLORATION

The applicants propose to excavate two or more trenches, or open-cuts, 100 feet long and 25 feet deep in unspecified locations and then drill about 2,000 feet of exploratory diamond-drill hole to test the downward and lateral extent of the tactite beds. Total cost of the program is estimated at $51,274.

Since making application for DMEA assistance, the applicants have proceeded at their own expense to excavate an open-cut similar to the type proposed in the application. This open-cut is the one in the center of the Midnight claim (fig. 2) and has been made in the most favorable location

and in the best ore exposed on the property. It has been a costly operation in time and money, has been of little exploratory or development value and because of heavy ground is considered by the field team to be exceedingly dangerous.

The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be difficult, expensive, and unlikely to give satisfactory results.

A program of shallow trenching to locate the favorable tactite bodies and the sinking of vertical, or inclined, shafts in the more promising exposures would be the most feasible method of exploration in this type of deposit. However, the erratic distribution of the ore shoots in the tactite and the probability of encountering heavy ground in all of the underground development would make the cost of the project prohibitive for the amount of ore that could be discovered by such a program on this property.

MANPOWER, SUPPLIES, ETC.

The prevailing wage scale for miners in this locality is $16.00 per day. Supplies are obtained from either Lemon Cove or Fresno, Calif.

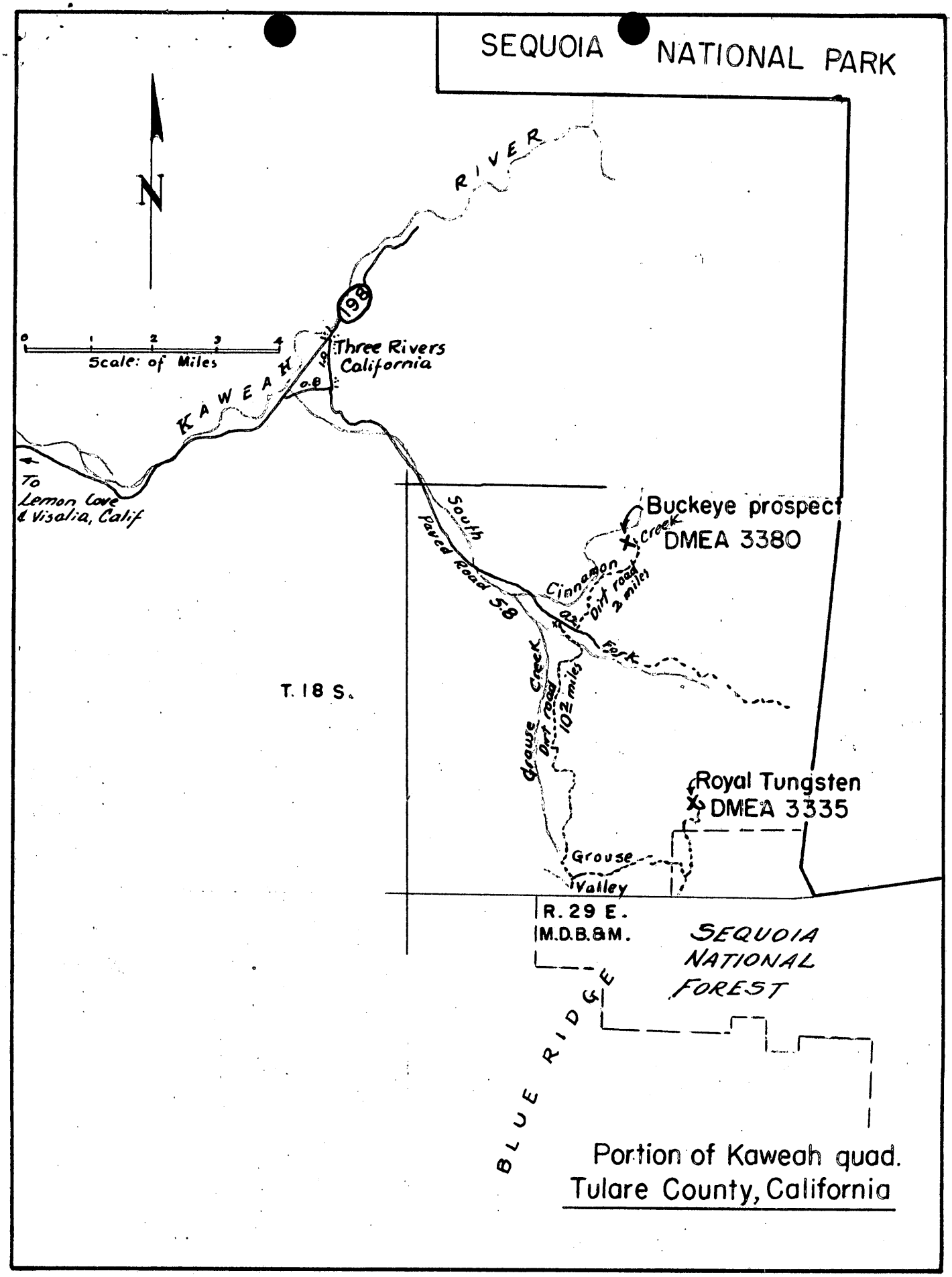
Water for both domestic and exploration operations was hauled up the steep two mile dirt road from Cinnamon creek.

The charge for milling custom ore at the Tulare County Tungsten mill, located 47 miles by road southwest of the Buckeye property, was $12.00 per ton.

PAST OPERATIONS

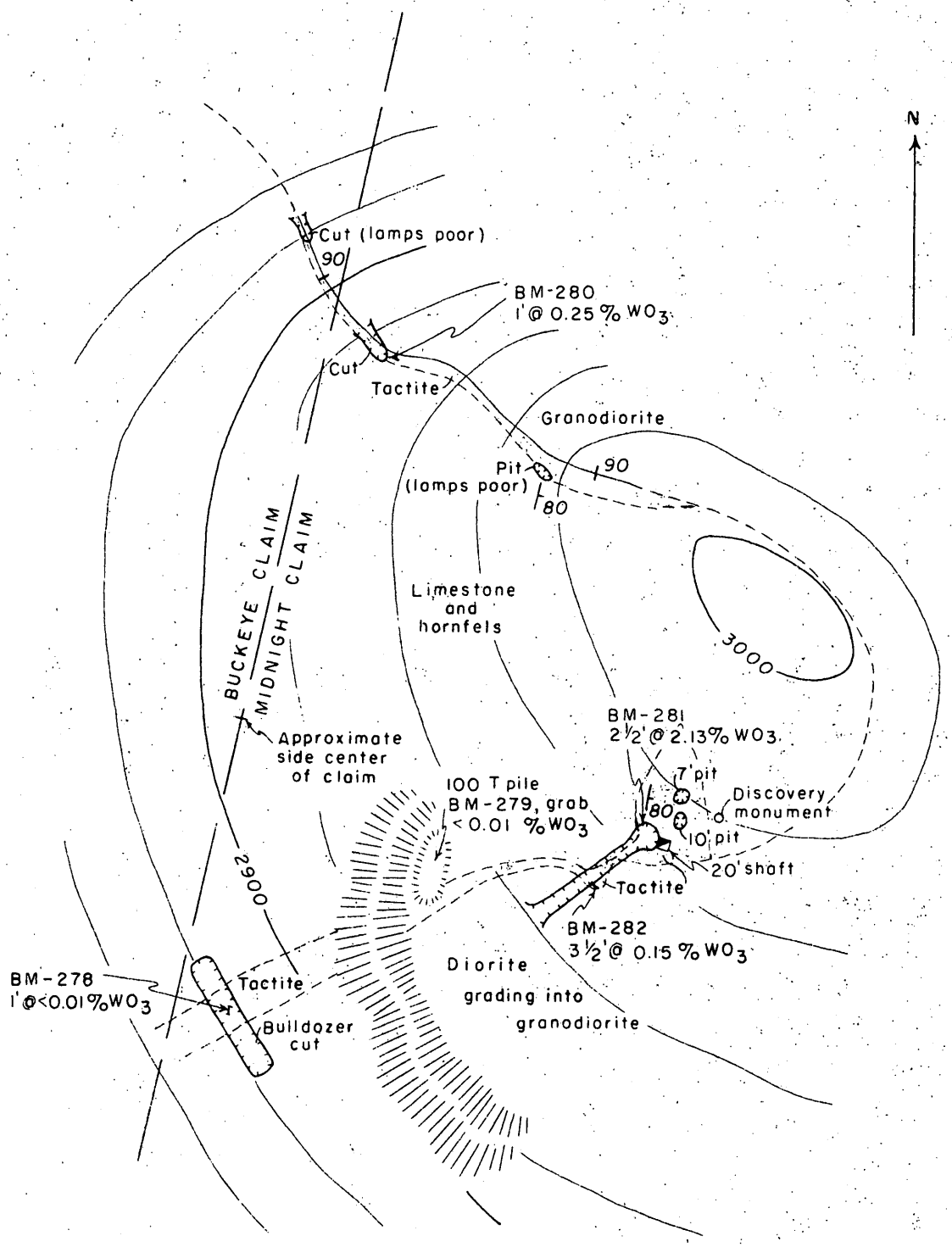
Production from the property has amounted to approximately 30 tons of hand sorted ore, which was milled and returned 30 short ton units of tungsten trioxide.

The partners have produced practically no ore from recent operations. Upon the recommendation of Mr. L. C. Penhoel, mining engineer, retained by Mr. Dorsey T. Shoemaker, the main open cut trench was excavated. Although some ore was exposed by the trench, working conditions were hazardous because of the steep slopes and loose ground.



LOCATION MAP

Fig. 1



SKETCH MAP OF BUCKEYE TUNGSTEN MINE
TULARE COUNTY, CALIFORNIA

100 0 100 200 FEET

Contour interval 20 feet

FIGURE 2

400

AUG

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

This will acknowledge your letter of July 31, 1954, regarding a field examination by the Defense Minerals Exploration Administration of the Buckeye mine, Tulare County, California, our docket No. DMEA 3380 - Tungsten, Buckeye Mining Co.

As the Field Team report on the referenced property has not been received in Washington, we shall hold this matter in abeyance until the report can be reviewed.

Your continued interest in the subject application for exploration assistance is noted, however, and we shall keep you advised of its progress.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
FT, Reg. 3
Code 400
Adm. Read. File
R. W. Geehan, USBM
E. L. Newcomb, USGS

FARutledge/ls
8/4/54

400

COPY

JOE HOLT
22d District
California

CONGRESS OF THE UNITED STATES

House of Representatives

Washington, D. C.

July 31, 1954

Mr. C. O. Mittendorf
Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

I would like to express my continued interest in the application forexploration assistance by the Buckeye Mining Company.

It is my understanding that on the occasion your field representative visited the mine, it was broken down. I would, therefore, like to request that your field representative again visit the mine to inspect it.

Thanking you for your attention to this matter, I remain,

Yours sincerely and respectfully,

Signed: Joe Holt

Joe Holt
Member of Congress

JH:bb

JUL 27 1954

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

Reference is made to your inquiry of July 23, 1954, regarding the status of an application for exploration assistance by the Buckeye Mining Co., our docket No. MSA 3330, Tungsten, Buckeye Mine, Tulare County, California.

The subject application was referred June 24, 1954, to the Field Team, Region VII, for a field examination of the property. Because of your indicated interest in this application, we shall keep you advised of its progress.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: WASH
FIE D TEAM, REG. VII
DOME 400
ADM. ASST. WM M
R. . GOMEZ, UEM
R. . NEWCOMB, U CS

FAHutledge/ls
7/27/54

The Bastanpe Mining Co.
16[illegible] Ventura Boulevard
Encino, California

Re: Docket No. DMEA 3[illegible] - Tungsten
Bastanpe Mine
Inyo County, California

Gentlemen:

The above-docketed application for exploration assistance for tungsten has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. E. C. Miller, Executive Officer, DMEA Field Team, Region III, 400 Customhouse Building, 555 Battery Street, San Francisco 11, California, for a field examination of the property.

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

Sincerely yours,

C. O. Mittenderf
Administrator

FARUTLEDGE:fec
6-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg, 3
R. W. Geehan, USBM
T. P. Thayer, USGS

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
460 Customhouse Building
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3308 - Tungsten
Dockeye Mining Co.
Dockeye Mine
Tulare County, California

Dear Mr. Miller:

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

If the results of the Field Team examination indicate an exploration program is warranted, the property data should be checked and Owner's Consent to Lien forms executed, if required.

Two copies of a relevant memorandum by E. L. Hamamb, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosure

FARutledge:fcc 6-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geoban, USBM
T. P. Thayer, USGS

APPROVED:

J. H. Hedges

Member, Bureau of Mines

D. M. Larrabee

Member, Geological Survey

IN REPLY REFER TO:

400

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

June 17, 1954

Memorandum

To: Mr. W. S. Martin, DMEA

From: E. L. Newcomb, USGS

Subject: Review of application

Re: DM A-3380
Buckeye Claim
Three Rivers District
Tulare County, Calif.
$51,274
Tungsten

WSM

The applicant proposes to trench at several locations along a tactite zone and to diamond drill if results of trenching disclose favorable mineralization.

We do not have any available information about the Midnight and Buckeye Claims. However, the applicant's claims are in an area of numerous tungsten prospects.

The proposed trenching appears to be warranted, but a field examination should be made to determine whether applicant's two-stage project is feasible and properly planned.

I recommend this application be referred to the field team for their comments and recommendations.

E. L. Newcomb
Geologist

DOCKET
Surname:
Martin
Geehan
Hedges
Kiilsgaard
Selfridge
Johnson

SEP 17 1954

Buckeye Mining Company
1[illegible] Ventura Boulevard
Encino, California

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

Gentlemen:

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

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

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

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

Sincerely yours,

Frank E. Johnson
ACTING Administrator

cc: DOCKET
FIELD TEAM, REG. III
CODE 400
ADM. READ. FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

FARutledge/ls
9-15-54

R.C.S.

DOCKET
Surname:
Martin
Hedges
Kiilsgaard
Selfridge
Johnson

SEP 17 1954

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

Reference is made to our letter of August 3, 1954, with regard to the status of an application from the Buckeye Mining Company, 16340 Ventura Boulevard, Encino, California, for aid in exploring for tungsten on the Buckeye and Midnight claims in Tulare County, California (our Docket No. DMEA-330).

As the result of a field examination of the referenced property and consideration of all available data, it has been determined that the probability of disclosing minerals are reserves by the applicant's proposed program is not sufficiently promising to justify Government participation in an exploration project. The referenced application, therefore, has been denied.

For your information, a copy of our letter of denial to the Buckeye Mining Company is enclosed.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure

cc: DOCKET
FIELD TEAM, REG. III
CODE 400
ADM. READING FILE
OPER. COMMITTEE
R. W. GEEHAN, USBM
THOR KIILSGAARD, USGS

FARutledge/ls
9-15-54

R.L.S.

DOCKET
Surname:
Martin
Nelson

September 15, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $51,274.00
Docket No. DMEA 3320 - Tungsten
Buckeye Mining Company
Buckeye mine
Tulare County, California

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

(1) The applicant proposed to excavate four trenches or open cuts across the mineralized zone to a maximum depth of approximately 20 feet. If necessary, short adits were to be driven from the face of the open cuts to explore the remainder of the mineralized zone. This was to be followed by a diamond drilling program to explore the tactite at depth.

(2) The major tungsten occurrences exposed on the Buckeye and Midnight claims are in a thick zone of tactite along a contact between marble and granodiorite. Scheelite is the only tungsten mineral present and the ore bodies are small and erratically distributed. The largest body of tactite, containing the richest concentration of scheelite, is exposed in the open cut near the middle of Midnight claim. This ore shoot is 2 to 3 feet wide and can be traced for about 20 feet on the surface but does not extend across the width of the cut and appears to be pinching out with depth. A sample across this ore shoot, 2½ feet in length, analyzed 2.13 percent WO_3. Other smaller scheelite-bearing tactite lenses are exposed in shallow pits and trenches on the Midnight and Buckeye claims. Analyses of samples taken from some of the other scheelite-bearing tactite lenses follows:

Sample width feet	WO_3 percent
1.0	0.25
3.5	0.15
1.0	0.01

R.C.L.

A grab sample of a stockpile, estimated by the applicant to contain 100 tons of ore-grade material, analyzed 0.01 percent WO_3.

(3) Since making the subject application for exploration assistance, the applicant has proceeded at his own expense to excavate an open cut similar to the type proposed in the application. This open cut is the one exposing the ore shoot near the middle of the Midnight claim and has been made in the most favorable location and in the best ore exposed on the property.

(4) The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be difficult, expensive, and unlikely to give satisfactory results.

(5) The examining Field Team recommended that the request for exploration assistance be denied.

(6) The Field Team concurs with the recommendations of the examining engineer and geologist.

(7) The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

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

FARutledge/ls

cc: Docket
Adm. Reading File
Code 400
Oper. Committee

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

September 15, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $51,274.00
Docket No. DMEA 3380 - Tungsten
Buckeye Mining Company
Buckeye mine
Tulare County, California

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

(1) The applicant proposed to excavate four trenches or open cuts across the mineralized zone to a maximum depth of approximately 20 feet. If necessary, short adits were to be driven from the face of the open cuts to explore the remainder of the mineralized zone. This was to be followed by a diamond drilling program to explore the tactite at depth.

(2) The major tungsten occurrences exposed on the Buckeye and Midnight claims are in a thick zone of tactite along a contact between marble and granodiorite. Scheelite is the only tungsten mineral present and the ore bodies are small and erratically distributed. The largest body of tactite, containing the richest concentration of scheelite, is exposed in the open cut near the middle of Midnight claim. This ore shoot is 2 to 3 feet wide and can be traced for about 20 feet on the surface but does not extend across the width of the cut and appears to be pinching out with depth. A sample across this ore shoot, 2½ feet in length, analyzed 2.13 percent WO_3. Other smaller scheelite-bearing tactite lenses are exposed in shallow pits and trenches on the Midnight and Buckeye claims. Analyses of samples taken from some of the other scheelite-bearing tactite lenses follows:

Sample width feet	WO_3 percent
1.0	0.25
3.5	0.15
1.0	0.01

A grab sample of a stockpile, estimated by the applicant to contain 100 tons of ore-grade material, analyzed 0.01 percent WO_3.

(3) Since making the subject application for exploration assistance, the applicant has proceeded at his own expense to excavate an open cut similar to the type proposed in the application. This open cut is the one exposing the ore shoot near the middle of the Midnight claim and has been made in the most favorable location and in the best ore exposed on the property.

(4) The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be difficult, expensive, and unlikely to give satisfactory results.

(5) The examining Field Team recommended that the request for exploration assistance be denied.

(6) The Field Team concurs with the recommendations of the examining engineer and geologist.

(7) The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in the denial.

W S Martin

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

IN REPLY REFER TO:

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

Docket

September 14, 1954

Re: DMEA-33886
Buckeye Mining Co.
Tulare Co., Calif.
$51,274 - Tungsten

Memorandum

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

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

Subject: Concurrence with Field Team recommendation for denial

The applicant's proposed project consists of trenching at two or more locations to a depth of 25 feet, and 2,000 feet of diamond drilling to test the tactite zones at depth.

The Field Team recommends this application be denied for the following reasons.

1) Tungsten deposits are small and erratically distributed.

2) Limestone near tactite zones contains numerous fractures and solution cavities. Diamond drilling results would be unsatisfactory in ground of this type.

3) With the exception of one sample, assay results indicate the average grade of the mineralization is less than 0.25 WO_3 over widths ranging from 1.0 to 3.5 feet.

Sufficient exploration has been done to indicate that significant deposits of minable ore are unlikely to be found by the proposed work.

The Field Team's conclusions regarding the potentialities of this property appear to be valid. I concur with their recommendation that the applicant's proposed work be denied.

E. L. Newcomb

E. L. Newcomb

D. M. E. A.

DOCKET

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

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

August 31, 1954

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3380 - Tungsten
Buckeye Mining Company
Buckeye Mine
Tulare County, California

Reference is made to your letter dated June 24, 1954, referring the subject application to us for a field examination.

Attached are the original and three copies of a report entitled "DMEA-3380, Buckeye and Midnight Claims, Tulare County, California, (Tungsten)," by B. H. Sheahan, Mining Engineer, U. S. Bureau of Mines, and H. K. Stager, Geologist, U. S. Geological Survey, dated August 26, 1954.

The examining engineer and geologist are in agreement that a loan is not warranted. The tungsten deposits occur in tactite lenses formed by contact metamorphism of impure limestone into which tungsten bearing solutions have been introduced. Scheelite is the only ore mineral present in the deposits. There is no evidence to indicate that ore bodies of higher grade or larger size will be found at depth or on other parts of the contact. Past production from the property has totaled about 30 tons of ore that yielded 30 units of WO_3.

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

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

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

Attachment

Copy to: Roscoe Smith, USGS

BU... MINES
WAS...HGTON, D. C.
SEP 7 12 48 PM '54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-3380, Buckeye and Midnight Claims

Tulare County, California

(Tungsten)

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

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

August 26, 1954

Reviewed by
DMEA OPERATING COMMITTEE

9-13-54
(date)

EXAMINATION REPORT

Docket No.: DMEA-3380 (Tungsten)

Name and address of applicant: Walter L. Voth, Gen. Del., Dunlap, Calif.

Mr. Dorsey T. Shoemaker, Buckeye Mining Co., 16946 Ventura Blvd., Encino, California

Name and location of property: Buckeye and Midnight lode mining claims, Tulare County, California

SUMMARY

The Buckeye Mining Company property includes two unpatented mining claims recently located on ranch land owned by Mr. Forest Homer. The claims include the Midnight and the Buckeye situated on the west flank of "Little Baldy" mountain in secs. 3 and 4, T. 18 S., R. 29 E., M.D.B. &M., at an elevation of 3,000 feet and approximately six miles southeast of Three Rivers, Tulare County, Calif.

The prospect was examined by an engineer of the Bureau of Mines and a geologist of the Geological Survey, accompanied by the applicants for DMEA exploration assistance, on July 14, 1954.

The Buckeye property is in a thin zone of tactite along a contact between marble and granodiorite. Scheelite is the only ore mineral present. Ore bodies are small and erratically distributed.

Exploratory workings include several pits and two large trenches excavated by the applicants. There are no other underground workings. The main trench exposed some good ore assaying 2.13% tungsten across

a width of 2.5 feet. The sides of the trench were loose, and mining of the small ore body exposed would result in a hazardous operation with dilution of the ore by waste rock.

The applicants lack mining ability and experience.

The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be very difficult, expensive, and unlikely to give satisfactory results.

CONCLUSIONS AND RECOMMENDATIONS

The ore bodies on the Midnight and Buckeye claims are small, and the grade and distribution of the ore shoots in the tactite bodies are erratic. The method of exploration proposed and under way on the Midnight claim is costly, of little value geologically, and dangerous in nature. The cost of any other method of exploration that can be proposed will probably exceed the value of the ore to be discovered. There is no evidence to indicate that ore bodies of higher grade or larger size will be found at depth or on other parts of the contact. It is recommended that Government assistance under the DMEA program be denied.

TIME SPENT ON PROPERTY

The property was examined by the engineer and geologist accompanied by the applicants on July 14, 1954.

NAME AND LOCATION OF PROPERTY

The Buckeye Mining Co., a partnership, includes two unpatented mining claims, located in the Three Rivers Mining District, Tulare County, Calif. The claims, Midnight and the Buckeye, are situated in secs. 3 and 4, T. 18 S., R. 29 E., M.D.B.&M., at an elevation of 3,000 feet (see fig. 1).

ACCESSIBILITY

The property is reached from Three Rivers, Calif., located on California State Highway 198, by following a paved narrow winding road 7.0 miles southeast along the South Fork of the Kaweah River. Turn left and follow a very poor steep dirt road northeasterly 2 miles to the mining claims. The dirt road is little more than a jeep trail and grades are very steep. This road climbs approximately 1,500 feet in elevation in 2 miles. The road would be closed during wet weather and will probably be completely washed out by the next heavy rain storm.

COMPETENCY OF APPLICANTS

Both partners lack mining experience. Mr. Shoemaker's occupation is connected with a cleaning business. Mr. Voth has some experience as a construction foreman with a power company and has worked at tungsten mine properties for less than two years. Mr. Voth has interested Mr. Shoemaker in the Buckeye and Midnight claims.

The operating personnel consisted of the partners and two employees who likewise lacked mining ability.

Mr. Dorsey T. Shoemaker has provided most of the capital for expenditures amounting to about $8,000.00 at the property.

APPLICANTS PROPERTY RIGHTS

The two unpatented mining claims include the Midnight and the Buckeye claims. These claims are situated on the E. F. Homer ranch property. This tungsten deposit was formerly held by Mr. Melvin R. Clover of Lemon Cove, Calif., who located two claims in May 1951 which were known as the Melba No. 1 and No. 2 lode mining claims.

The Midnight and Buckeye claims were located on October 7, 1953 by Mr. H. W. Fouts who in turn conveyed the property by quit claim deed to Mr. Walter Voth on December 21, 1953. An agreement between Mr. Walter L. Voth and Mr. E. F. Homer, dated October 28, 1953, requires that a five percent royalty payment of the gross of all mineral production be made to Mr. E. F. Homer.

The Buckeye Mining Company is a partnership which includes Mr. Walter L. Voth and Dorsey T. Shoemaker.

DESCRIPTION OF PROPERTY

There are no surface facilities at the property. The workmen live at Three Rivers, Calif.

Exploratory workings include one deep trench approximately 100 feet in length, from 7 to 30 feet in width, and 30 feet in depth at the face. Several shallow prospect pits have been excavated. There are no underground workings. (See fig. 2) Most of the exploration work has been done

on the Midnight claim.

EQUIPMENT

Equipment and supplies at the property are as follows:

Item	Condition	Remarks
1 Air compressor, 105 c.f.m.	poor	Being rented
1 Truck, 1-1/2-ton, 4-wheel drive	"	Owned
1 Skip loader, TD-9	"	Being purchased
1 Jackhammer with drill steel & hose	fair	Owned
1 Jeep, 1/4-ton truck	poor	Being rented
1 Pickup truck, 1/2-ton	fair	Being purchased
Miscellaneous hand tools	poor	Owned
200 feet air pipe, 1" and 1-1/2"	fair	Owned
Explosives, 250 pounds	"	Owned
Fuse, 500 feet	"	Owned
Caps - 200	"	Owned
Camp stove, gasoline	poor	Owned

SAMPLING

The following samples were taken from the property at locations indicated on the attached map (fig. 2):

Sample No.	Width, feet	%, WO_3	Remarks
S-278	1.0	*0.01	Tactite
S-279	Muck pile	*0.01	Main trench stockpile
S-280	1.0	0.25	North open cut
S-281	2.5	2.13	Main trench
S-282	3.5	0.15	Main trench

*Less than.

GEOLOGY

The Buckeye mine is in a thin zone of tactite along a contact between marble and granodiorite. This deposit has been previously described

by Jenkins [1/] and Krauskopf [2/], under "Eagle claim" the former name of the property.

The metamorphic rocks underlying the Buckeye and Midnight claims form a roof pendant consisting of marble, hornfels, and tactite in a body about 1,200 by 1,600 feet in surface area and surrounded by granodiorite. The rocks strike north and dip steeply east. The marble is gray, coarse-grained, fractured, and contains numerous solution cavities. There are several types of hornfels, from lime-silicate to argillaceous in composition. Tactite consisting of garnet, epidote, quartz, pyroxene, and calcite with some scheelite is exposed along the eastern edge of the body.

The granodiorite is gradational from a dark micaceous diorite at the contact with the metamorphic rocks to a light-gray medium-grained rock away from the contact.

ORE DEPOSITS

The tungsten deposits occur in tactite lenses, formed by contact metamorphism of impure limestone, into which tungsten-bearing solutions have been introduced. Scheelite is the only ore mineral present in the deposits.

Garnet-epidote tactite, containing pods of coarse-grained scheelite, occurs at and near the contact of the calcareous rocks with the granodiorite.

1/ Jenkins, William O., 1943, Tungsten Deposits Northeast of Visalia, California: Calif. Jour. Mines and Geology, Vol. 39, No. 2, p. 177.

2/ Krauskopf, Konrad B., 1953, Tungsten Deposits of Madera, Fresno, and Tulare Counties, California: Calif. Div. Mines Special Report 35, p. 81.

The largest body of tactite, containing the richest concentration of scheelite, is exposed in the open cut near the middle of the Midnight claim (fig. 2). Other smaller scheelite-bearing tactite lenses are exposed in shallow pits and trenches on the Midnight and Buckeye claims.

The grade and distribution of the ore shoots within the tactite bodies are erratic. An ore shoot exposed in the face of the open-cut near the center of the Midnight claim (fig. 2), is 2 to 3 feet wide and could be traced for about 20 feet on the surface but did not extend across the width of the cut and appeared to be pinching out with depth. Ore bodies exposed in the two pits above the open-cut appeared to be pod-like and contained only a few tons of ore-grade material.

Past production from the property has totaled about 30 tons of ore that yielded 30 units of WO_3. A small pile of broken ore estimated to contain about 3 tons of 1 percent WO_3 was ready for shipment at the time of the field examination. Another larger pile of material that the operators estimated to contain about 100 tons of ore-grade material was sampled by the field team and assayed less than 0.01 percent WO_3.

ORE RESERVES

The only material of ore grade exposed in minable concentrations at the Buckeye mine is in the open-cut near the middle of the Midnight claim.

About 50 tons of measured reserves with an average grade of about 2 percent WO_3 was exposed on the surface and in the face of the open-cut

at the time of the field examination. An additional 400 tons of reserves with an average grade of about 1 percent WO_3 is indicated above the floor of the open-cut and between the face of the cut and the two shallow pits 10 to 20 feet to the northeast (see fig. 2). Assuming the continuity and grade of ore below the cut level is equivalent to that already mined or exposed in the top 25 feet of the ore body, a reserve of about 15 tons per foot of depth is inferred to a depth of 50 feet.

Summary of Ore Reserves

Class	Claim	Tons	Grade
Measured	Midnight claim	50	2.0
Indicated	Midnight claim	400	1.0
Inferred	Midnight claim	750	1.0
Total		1,200	1.0

EXPLORATION

The applicants propose to excavate two or more trenches, or open-cuts, 100 feet long and 25 feet deep in unspecified locations and then drill about 2,000 feet of exploratory diamond-drill hole to test the downward and lateral extent of the tactite beds. Total cost of the program is estimated at $51,274.

Since making application for DMEA assistance, the applicants have proceeded at their own expense to excavate an open-cut similar to the type proposed in the application. This open-cut is the one in the center of the Midnight claim (fig. 2) and has been made in the most favorable location

and in the best ore exposed on the property. It has been a costly operation in time and money, has been of little exploratory or development value and because of heavy ground is considered by the field team to be exceedingly dangerous.

The limestone in the vicinity of the tactite bodies is badly fractured with many open fractures and solution cavities. Diamond drilling in this type of ground would be difficult, expensive, and unlikely to give satisfactory results.

A program of shallow trenching to locate the favorable tactite bodies and the sinking of vertical, or inclined, shafts in the more promising exposures would be the most feasible method of exploration in this type of deposit. However, the erratic distribution of the ore shoots in the tactite and the probability of encountering heavy ground in all of the underground development would make the cost of the project prohibitive for the amount of ore that could be discovered by such a program on this property.

MANPOWER, SUPPLIES, ETC.

The prevailing wage scale for miners in this locality is $16.00 per day. Supplies are obtained from either Lemon Cove or Fresno, Calif.

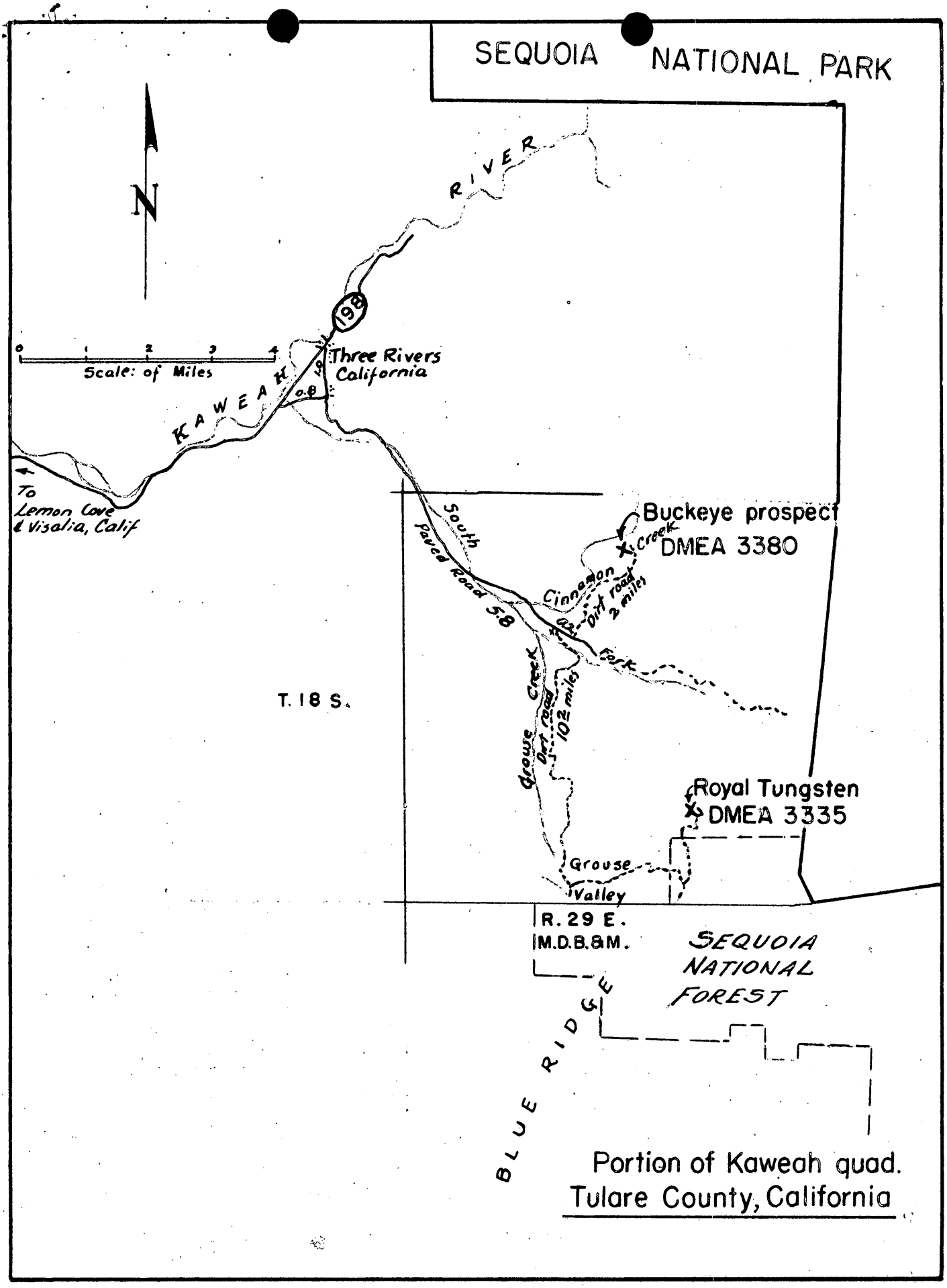
Water for both domestic and exploration operations was hauled up the steep two mile dirt road from Cinnamon creek.

The charge for milling custom ore at the Tulare County Tungsten mill, located 47 miles by road southwest of the Buckeye property, was $12.00 per ton.

PAST OPERATIONS

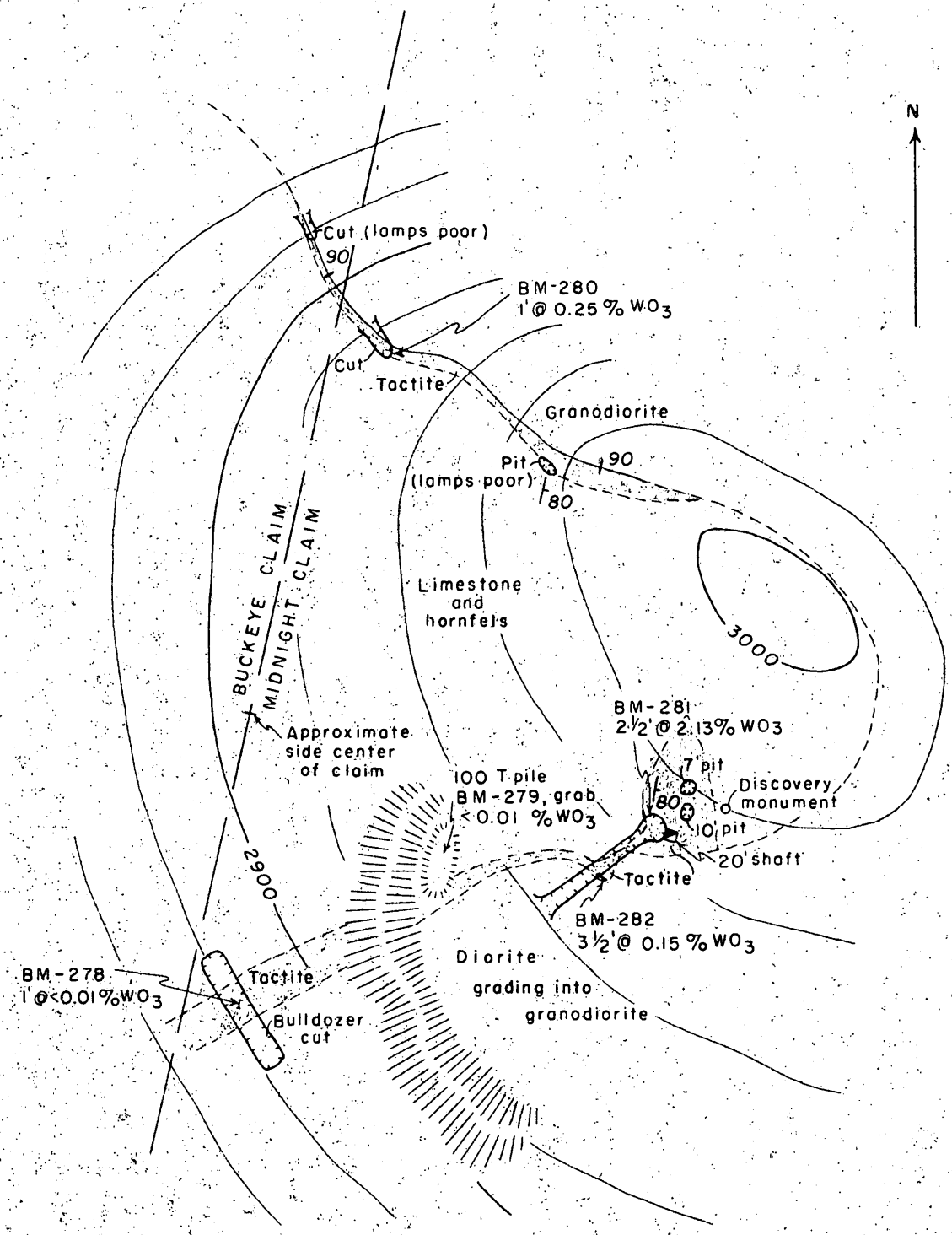
Production from the property has amounted to approximately 30 tons of hand sorted ore, which was milled and returned 30 short ton units of tungsten trioxide.

The partners have produced practically no ore from recent operations. Upon the recommendation of Mr. L. C. Penhoel, mining engineer, retained by Mr. Dorsey T. Shoemaker, the main open cut trench was excavated. Although some ore was exposed by the trench, working conditions were hazardous because of the steep slopes and loose ground.



LOCATION MAP

Fig. 1



SKETCH MAP OF BUCKEYE TUNGSTEN MINE
TULARE COUNTY, CALIFORNIA

100 0 100 200 FEET

Contour interval 20 feet

FIGURE 2

DOCKET
Surname:
Rutledge
Martin

400

AUG 5 1954

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

This will acknowledge your letter of July 31, 1954, regarding a field examination by the Defense Minerals Exploration Administration of the Buckeye mine, Tulare County, California, our docket No. DMEA 3300 - Tungsten, Buckeye Mining Co.

As the Field Team report on the referenced property has not been received in Washington, we shall hold this matter in abeyance until the report can be reviewed.

Your continued interest in the subject application for exploration assistance is noted, however, and we shall keep you advised of its progress.

Sincerely yours,

C. O. Mittenderf

Administrator

cc: Docket
FT, Reg. 3
Code 400
Adm. Read. File
R. W. Geehan, USBM
E. L. Newcomb, USGS

FARutledge/ls
8/4/54

400

JOE HOLT
22D DISTRICT, CALIFORNIA

CALIFORNIA OFFICES:
6304 VAN NUYS BOULEVARD
VAN NUYS

HOLLYWOOD POST OFFICE
HOLLYWOOD

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

COMMITTEE:
EDUCATION AND LABOR

SECRETARIES:
LEE TRBOVICH
BETTY BASHORE
MILDRED ASCOSI
MARCIA SLOAT

July 31, 1954

Department of the Interior
Defense Minerals Administration
RECEIVED
AUG 3 - 1954

WSM

Dmca - 3380

Mr. C. O. Mittendorf
Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

I would like to express my continued interest in the application for exploration assistance by the Buckeye Mining Company.

It is my understanding that on the occasion your field representative visited the mine, it was broken down. I would, therefore, like to request that your field representative again visit the mine to inspect it.

Thanking you for your attention to this matter, I remain,

Yours sincerely and respectfully,

Joe Holt

Joe Holt
Member of Congress

JH:bb

DOCKET
Surname:
Rutledge

JUL 27 1954

Hon. Joe Holt
House of Representatives
Washington 25, D. C.

My dear Mr. Holt:

Reference is made to your inquiry of July 23, 1954, regarding the status of an application for exploration assistance by the Buckeye Mining Co., our docket No. [illegible]A 3330, Tungsten, Buckeye Mine, Tulare County, California.

The subject application was referred June 24, 1954, to the Field Team, Region III, for a field examination of the property. Because of your indicated interest in this application, we shall keep you advised of its progress.

Sincerely yours,

C. O. Mittenderf

Administrator

cc: DOCKET
FIELD TEAM, REG. III
CODE 400
ADM. READ. FILE
R. W. GEEHAN, USBM
E. [illegible]. NEWCOMB, USGS

FARutledge/ls
7/27/54

R.C.S.

JOE HOLT
22D DISTRICT, CALIFORNIA

CALIFORNIA OFFICES:
6304 VAN NUYS BOULEVARD
VAN NUYS

HOLLYWOOD POST OFFICE
HOLLYWOOD

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

COMMITTEE:
EDUCATION AND LABOR

SECRETARIES:
LEE TRBOVICH
BETTY BASHORE
MILDRED ASCOSI
MARCIA SLOAT

July 23, 1954

Mr. C. O. Mittendorf
Administrator
DEFENSE MINERALS EXPLORATION ADMINISTRATION
United States Department of the Interior
Washington 25, D. C.

re: DMEA-3380
Exploration Assistance
The Buckeye Mine

Dear Mr. Mittendorf:

Please consider this as my request to be informed of all action that is taken by your Department on the above application for exploration assistance under the Defense Production Act of 1950.

Thanking you for your attention to this matter, I remain,

Yours sincerely and respectfully,

Joe Holt
Member of Congress

JH:bb

400

Docket
Surname

Rutledge
Melcher
Hedges
Jeffrey
Jacobs
Gilmore

JUN 2 1954

The Buckeye Mining Co.
16346 Ventura Boulevard
Encino, California

Re: Docket No. DMRA 3306 - Tungsten
Buckeye Mine
Tulare County, California

Gentlemen:

The above-docketed application for exploration assistance for tungsten has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 420 Customhouse Building, 555 Battery Street, San Francisco 11, California, for a field examination of the property.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARUTLEDGE:foc
6-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

400

Docket
Surname
Rutledge
Weldner
Selfridge
Johnson

Mr. H. G. Miller, Executive Officer
DMEA Field Team, Region III
450 Customhouse Building
555 Battery Street
San Francisco 11, California

Re: Docket No. DMEA 3180 - Tungsten
Buckeye Mining Co.
Buckeye Mine
Tulare County, California

Dear Mr. Miller:

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

If the results of the Field Team examination indicate an exploration program is warranted, the property data should be checked and Owner's Consent to Mine forms executed, if required.

Two copies of a relevant memorandum by E. L. Hamaoka, Geological Survey, are enclosed for your information.

Sincerely yours,

624

George C. Selfridge

Chairman, Operating Committee (DHB)

Enclosures

FARutledge:foc 6-21-54
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. Reg. 3
R. W. Geehan, USBM
T. P. Thayer, USGS

APPROVED:

J. H. Hedges
Director, Bureau of Mines (DHB)

D. M. Larrabee
Director, Geological Survey (DHB)

IN REPLY REFER TO:

Docket

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

June 17, 1954

Memorandum

To: Mr. W. S. Martin, DMEA

From: E. L. Newcomb, USGS

Subject: Review of application

Re: DMEA-3380
Buckeye Claim
Three Rivers District
Tulare County, Calif.
$51,274
Tungsten

The applicant proposes to trench at several locations along a tactite zone and to diamond drill if results of trenching disclose favorable mineralization.

We do not have any available information about the Midnight and Buckeye Claims. However, the applicant's claims are in an area of numerous tungsten prospects.

The proposed trenching appears to be warranted, but a field examination should be made to determine whether applicant's two-stage project is feasible and properly planned.

I recommend this application be referred to the field team for their comments and recommendations.

E. L. Newcomb
E. L. Newcomb
Geologist

Copy retained 40

Buckeye lode claim
Vol. 1717, page 145, Inyo County, Calif
Locator: B. Bimat, Jr.
Recorded Oct 7, 1953
No record of lease to either Voth or Shoemaker.

Midnight lode claim
Vol. 1713, page 400, Inyo County, Calif
Locator: H. W. Fouts Recorded Oct 6, 1953

Quitclaim deed to Walter Voth dated December 21, 1953. This deed shows recording as Vol. 1701, page 622. and Oct 7, 1953

Voth also holds an agreement for entry with Forrest Homer. condition 5% royalty on gross.

June 4, 1954

The Buckeye Mining Co.
16946 Ventura Blvd.
Encino, California

Subject: DMEA-3380
Re: Exploration Assistance
The Buckeye Mine

Gentlemen:

The receipt of your application dated June 2, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3380 and referred to the Iron and Ferro Alloys Division.

Kindly refer to in any future correspondence relating to your application.

Sincerely yours,

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Form Approved.
Budget Bureau No. 42-R1035.2.
RECEIVED
JUN 4 1954

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

Not to be filled in by applicant

Docket No. 3380
Metal or Mineral Tungsten
Date Received
Estimated Cost $ 57,274
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: The Buckeye Mining Co. (Partnership)
16946 Ventura Blvd., Encino, California.
(Walter L. Voth. c/o General Delivery. Dunlap, California.
(Dorsey T. Shoemaker. 18373 Burbank Blvd., Tarzana, 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 Buckeye lode claim, Three Rivers Mining District, County of Tulare, State of Calif. - Sect's 3 & 4 T. 18 S., R.29 E F. Homer ranch. Mid Night Lode Claim. Three Rivers Mining Dist. Co. of Tulare, St. of Calif.. Sect's 3 & 4, T. 18S. R. 29 E. F. Homer Ranch.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise (Lessee)
Owner, Title held by right of Location (See exhibit A)

(*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. Surface Lease held for peaceable entry.

(*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. Buckeye Claim, Vol. 1717, page 145(Official Records, Tulare
Midnight Claim Vol. 1713, Page 400(County California

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.

See attached forms for 4 (a) (b) (c) (d) and (e).

16—66551-1

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

(*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. See attached Form.

(*c*) The work will start within 60 days and be completed within 6 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. See attached form.

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.). See separate sheet.

(*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. None

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

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

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

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

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

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

[X] Money [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 June 2, 1954

The Buckeye Mining Co.
(Applicant)

By Dorsey T. Sherman

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 1954

4 - (a) - Mine workings by former owners consisted of shallow cuts, prospect holes and a 22 foot shaft as shown by workings 1 - 2 - 3 - 4 - 5 - and 6 on the attached plat, Plate No. 1.

The Buckeye Mining Co. is proceeding with an exploration program of open cut trenching to expose the limestone and tactite for a hundred feet from the contact and approximately 25 feet below the outcrops at the contact, (see plate No. 2).

All of the cuts and other prospect workings are clean and open for inspection.

The interest of the Buckeye Mining Company is to:

1 - Progressively make 2 or more such open cuts to determine the extent of scheelite bearing tactite along the contact in the zone where the limestone beds have been folded and faulted.

2 - Consider core drilling to determine the downward extension of the ore bearing tactite, and prospect for other favorable tactite beds.

(b) - Past production by former owners has been about 30 ton of sorted ore from prospect workings, 4-5-6, which returned 30 units of WO 3 wheen milled in a local custom gravity concentrator.

From the present open cut trench work, in progress by the Buckeye Mining Company, to a point still 30 feet from the contact , see progress map, there has been

Cont.

4 - (b) stockpiled approximately 100 tons of ore, estimated by random grab sampling to contain 0.64 % WO 3 and 3 tons of higher grade ore.

(c) The general geology of the area is a stock of hornblende granite contacting sedimentary beds of limestone which have been intruded by igneous dikes.

Concentrations of scheelite, of minor importance occur in the altered limestone along the contact for 400 feet or more, and important concentrations of scheelite are indicated in a zone 200 feet or more along the contact where folding and faulting has occured. It is a contact metamorphic deposite. (See attached report)

(d) The property is reached from Three Rivers by 8½ miles of paved road to a point in Cinnamon Creek, then 2½ miles of dirt road which has grades to 25 percent passable to trucks or 4 - wheel drive jeep. With a little work, 2 or 3 days with a bulldozer, it would be a serviceable road for any truck traffic.

Three Rivers and nearby points have housing and a boarding facilities for labor.

Shops for ordinary supplies and repairs are located at centers within 30 miles. For heavy supplies and major repairs, Fresno is 70 miles distant or Bakersfield 95 miles distant.

Custom milling plants are located at Lemon Cove 14½ miles from the mine. Also at Yokal Valley 39 miles distant.

Cont
4 - (e) Manpower either experienced miners or labor is available from the adjacent mining districts. Materials, Supplies and equipment are available at Fresno, 70 miles from the property. Such equipment as bulldozers are generally procurable from contractors in the district.

Water for domestic and mining purposes is available from springs about $\frac{3}{4}$ of a mile from the property and would require pumping against a head of 200 feet.

Water for milling purposes would have to be developed by shallow (200 Feet) drilled wells 4 to 5 miles from the property. Power will have to be developed at site.

5 - (b) The proposed work as shown by the attached map is to crosscut and expose the limestone beds and tactite for a distance of, More or less, 100 feet from the contact and 30 to 40 feet below the outcrops at the contact.

The first of these cuts is to take in workings (4) - (5) and (6) and as of April 25th the toe of the cut is within 10 feet of (6) and the floor of the cut will be about 5 feet below the bottom of shaft (6); see sketch map.

At least 3 additional cuts are proposed to prospect the limestones and tactite within a 100 feet of the contact and to depths below the surface at the contact approximating 40 feet, for a distance of 200 feet along the contact, an indicated ore zone.

From the exposures in these cuts further propecting development work or mining methods can be planned.

Cont
5 - b To further prospect the area, which is warranted by present ore showings, it is proposed to plan a diamond drill program to frill 8 or 10 holes to a 100 feet of more for a total of 2,000 feet of hole. The pattern of the drill holes should be laid out both as scout holes to explore tactite beds or pods that are indicated at greater distance from the contact than is now being prospected and 2 or 3 ho holes to prospect the conditions in the present known tactite area to depth of 100 feet or as warranted.

(d) The experience and background of the applicant, Mr. Dorsey T. Shoemaker has 20 years general business management. For the past 8 years he has been owner-manager of a specialized cleaning establishment located at Encino, California, known as ; Encino Dry Cleaners. He will act as manager of the affairs of the Buckeye Mining Company (Partnership)

Mr. Walter Voth, with 10 years experience, mechanical and electrical experience, the last being as foreman for the Edison Co. on high tension power line construction. The past 2 years he has worked as a miner principally in prospecting and developing tungsten properties in which he was interested. He will act in the capacity of general foreman or superintendent.

6(a)--- Estimate of costs.

(a) Independent contracts:

I-- Diamond drilling program

IO-I2 holes to total I500 feet of hole.

Estimated contract cost at $6.25 per foot-----$9375.00

2-- Bull dozer work

Stripping over burden & grading for

structures:50 hours with D 8 at $I3.00--$650.00

In and out charge----------$I00.00

Road improvement,40 hours at $I3.00-----$520.00

$I270.00

Total Contract $ IO,645.00

Estimate of costs

(b)--- Labor supervision, consultants.

I-Miner at $2.00 per hour 24 - 6 day weeks

960 hours straight time----------$I920.00

I92 hours over time at time and half576.00-- $ 2496.00

I-Miner at $ 2.25 per hour 24-6 day weeks

960 hours straight time----------$2I60.00

I92 hr,s over time at time and half$ 648.00-- $2808.00

I- foreman (working foreman will also

act as repairman),at $3.00 per hour

24 six day weeks 960 hours straight time $2880.00

I92 hrs. over time at time and one half $ 864.00

$3744.00

Sub Total $9048.00

6(b) continued Sub total carried foreward $9048.00

I-- Skip loader, operator at 2.50 per hr.

24-6 day weeks 960 hrs. straight time $2400.00

I92 hrs. overtime at time and half $ 720.00 $3I20.00

I-- Manager - at $25.00 per day

24- 4 day weeks at $I00.00 per week $2400.00

I-- Engineer .L.C. Penhool also consultant

at the property 4 days per month and

full time office consultant, map progress

conditions, keep production map and submit

bi-monthly report; Six months at $500.00 per Mo. $3000.00

Total 6(b) $I7568.00

Total, Independent contracts and labor

supervision and consultants. $282I3.00

6(c) Operating materials and supplies

(estimated from experience of 2 months

Diesel oil, Cat.T.D.9 skip loaderestimate

for 6 month supply I500 gals at I4 cents per Gal. $2I0.00

Gasoline- Compressor (I65 cu. ft.) estimate

for 6 month supply I500 gal.s at 20 one half cents $307.50

Lubricants- T.D.9 track grease and gear cases

320 pounds at I8 cents per pd.---------- $ 57.60

Oil- T.D.9 Crankcase and Hydralic system

5I gallons at 80 cents per gallon---------- $ 40.80

Grease- for Td 9 Compressor etc.

I20 pds at 22 cents per pd.---------- $ 26.40

Compressor Cylinder oil

20 gallons at 80 cents per gallon---------- $ 16.00

6(c) continued

Powder 40% dynamite

Pounds 7600#at $20.68 per I00----------$I568.68

Fuse thousand feet I6 at$I5.00 per-------$ 240.00

Caps6X, thousand 7 at$20.00 per----------$ I40.00

Caps electric hundred $20.00 per----------$ I00.00

Total operating materials

and supplies $2496.98

6(d)Operating equipment-

Operator owned use allowance based on

present replacable value.

Compressor,I65 c.f. current purchase rental

at $I87.00per month for 6 months----------$II22.00

Truck,one and one half ton 4 x4 army truck

purchased for $950.00

Use rental $I00.00 per month for 6 months-$ 600.00

Skip Loader Model T.D.9 ----purchased

New I946 Cost $II,700.00

Rental in 6 months 624 hours at$6.00 per hr.$3744,00

I- Jack hammer-----purchased

New-I95I Cost $685.00

Present rental 6 months at $85.00 per mo.---$ 5I0.00

Jeep pick up one half ton truck,

To be purchased----------$2I00.00

Total operating equipment use allowance $8076.00

and purchase rental

6(e)--Rehabilitation and Repairs-----none

6(f)--New buildings, improvements, installations.

Powder magazine

I--First class magazine, I ton starage,---$ 350.00

I--First class Cap & detonator magazine---$ 200.00

Water developement, domestic and mining use

(250 gallons per day)

3000 feet of galvanized I inch pipe at 30c$ 900.00

Unions and fittings---------- $ 20.00

I--I000 gallon storage tank ,galvanized---$ 335.00

I--5-horse power A.E.N. Engine complete
with
with turbin pump----------$ 35I.I8

I--Building-I2feet by 30 ft.wood frame

corrugated galvanized iron, roof and sides

I-6foot sliding door, 2-,30 inch by 6foot

6inch three panel doors, 8-,four light

sliding sash windows. Partitioned to I2 X I2

office and I2 X I8, warehouse and tool room.
$ 750.00

(g)--Accounting at$I50.00 per month----------$ 900.00

Analytical Assaying----------$I200.00

Workmans comp. Employers liability Ins.

and pay roll taxes.----------$2635.00

Sales tax----------$ I85.49

(h)--Contingencies at I0 % of total----------$466I.26

Total----------$5I273.9I

ESTABLISHED 1916

EISENHAUER LABORATORIES

ENGINEERING DIVISION
316 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

ED. EISENHAUER, JR.
L. C. PENNOCK

PHONE: VAN DYKE 9080

January 28, 1954

Kindly refer to:

Mr. Dorsey T. Shoemaker,
Buckeye Mining Co.,
16946 Ventura Blvd.,
Encino, California

Preliminary Mine Investigation:
Midnight lode mining claim, a tungsten (scheelite) prospect.

Property:
The property consists of the mineral rights to Sect's 2-3-4-9, T.16 S., R. 29 E., Tulare County, California and the Midnight and Buckeye lode mining claims, situated within the above area, held by right of location under the mining laws of the United States and the State of California.

The area of the lode claims comprise approximately 40 acres and are inclosed within the boundaries of the four sections leased for the mineral rights.

Situation:
Development work consisting of bulldozer cuts, two shallow prospect shafts, a shaft twenty feet deep besides three cuts, as shown on the attached sketch, has been confined to the Midnight claim. The discovery monument is at the center of the claim about 75 feet SW of the apex of an isolated mountain, locally known as "Little Baldy." The property is approximately 5½ miles south-easterly of Three Rivers P. O., on State Highway 198. It is reached by paved road 5½ miles to Cinnamon Creek then approximately 2½ miles of mountain dirt road with grades to 25 or 30 percent, passable for trucks or four-wheel drive jeep at this time. With a little work it would be a serviceable truck road.

Little Baldy Mountain is approximately one mile north of Caboon Mt. The elevation at Three Rivers is 500 feet. At the junction of the paved road and dirt road on Cinnamon Creek 1500 feet and raises to 3700 feet or 1200 feet in 2½ miles to the top of Little Baldy Mt. and the workings on the property.

The area is one of steep slopes at times abrupt. Water for all purposes for a 50 ton mine and mill operation could be obtained from streams or developed by shallow drilled wells within a distance of two miles.

There is no timber on the mining claims and heavy supplies would be trucked in from Bakersfield a distance of about 95 miles.

The site of the workings lends itself to cheap mining methods for exploration and open pit mining of the ore should development work warrant.

Climatic conditions are favorable for all year operation with possible few interruptions for outside work during winter months.

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EISENHAUER LABORATORIES
ENGINEERING DIVISION
316 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

ED. EISENHAUER, JR.
L. C. PINKOIL

PHONE: VANDIKE 0220

File No. 201

Mr. Dorsey T. Shoemaker,
Buckeye Mining Co.,
16946 Ventura Blvd.,
Encino, California

Ownership:
Title to the land and mining claim as described above is held by Homer Forest whose address is _____.
Homer Forest has leased the property to Walter Voth whose address is, Pen. Del., Dunlap, California.

Walter Voth has assigned his lease to:

Dorsey T. Shoemaker, Encino, California
Steven A. Kirkpatrick, Dunlap, California
Walter L. Voth, Dunlap, California

who in turn have granted the lease to the Buckeye Mining Co., a limited partnership with themselves the general partners.

Titles:
No search of titles to land, conditions of lease or available water rights has been made as part of this report.

Geology:
A remnant or pendant of limestone in a granite stock (area) intruded by later igneous dikes. The effect has been both normal metamorphosis where the limestones are altered to chrystalline limestone or marble by heat and pressure, and alteration by the later mineral bearing fluids emanating from the granite magma, through channels offered by the hornblende schist along the contact of the granite and limestone, and the quartz veins (pegmatite) and other later igneous dikes intruding the limestone.

Where structural conditions are favorable, as fracturing due to faulting or folding of the limestones, so that the mineral vapors can permeate the limestone, concentrations of tungsten (scheelite) may be localized to make commercial ore deposits.

Such an area exists in the area of the shaft working while on the NW flank of the mountain where the contact is exposed, the limestone beds are not fractured and the alteration for replacement to the rock textile containing scheelite and other characteristic minerals as garnet and epidote is confined to thin and erratic areas in the limestones adjacent to the contact. At times the schist and even the granite rocks will contain local higgrade concentration .

On the Middlegat claim a contact of the limestone and granite on the southwest flank of "Little Baldy Mountain," having a general bearing of N 25 W, passes a few feet west of the apex of the "Mountain."

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ENGINEERING DIVISION
310 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

ED. EISENHAUER, JR.
L. C. PINKNEY

PHONE: VAndike 0000

Mr. Dorsey T. Shoemaker,
Hodgson Mining Co.,
1646 Ventura Blvd.,
Encino, California

Geology (Cont'd)

At the "discovery shaft" and where the principal prospect work has been done, and for some unknown distance northwest and southeast along the contact, the limestone has been fractured by folding and faulting, and intruded by later igneous dikes and quartz veins. The quartz veins contain isolated large crystals of scheelite, and as a phase of pegmatite, originating in the granite magma, are a guide to favorable areas for concentrations of scheelite. On the faulted, steep and abrupt N.W. flank of the mountain numerous small quartz stringers cut through the contact and there appears that the limestone has still recognizable and little fracturing, the solutions from the quartz stringers and schist, appear to have followed the easier passage through the schist and deposited scheelite in the schist and to a minor degree, though at times spectacular, small concentrations, in the adjacent dense altered limestones and even granitic rocks. For the present this section is not considered important. The important area that warrants a limited exploration and development program is as shown by the attached sketch.

Conclusion

The situation at the property is favorable for continuing development work to prove or disprove an ore deposit.

The lease has at considerable expense and effort made the property accessible by a road passable to trucks. Brought in and made available a 105 cu. ft. portable compressor, with drill air pipe line and hose to the different prospect locations.

The prospect work to date has been well done and to advantage as a guide for further exploration work.

Some 30 tons of sorted ore from prospect holes 4-5 and 6, Plate No. 1., was milled at custom plants. Twenty eight tons was milled at the Kirkpatrick plant and Mr. Kirkpatrick in a personal interview stated the character of the ore was favorable for conventional gravity concentration methods and that it returned $20 a ton. No weight record was kept at the mine but it has been estimated that it required three tons of ore as mined to produce one ton of milling ore which would yield a recoverable value of $60. Based on original ore as mined the recoverable value would be $20 a ton from which would be deducted mining-milling-hauling and marketing costs. Under the present arrangement of custom plant facilities being provided some 3 or 4 miles from the property, hauling and marketing charges should not exceed $10.00 a ton leaving $10.00 a ton for mining-royalties and profit. Mining costs can only be estimated after the present development program has been completed.

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EISENHAUER LABORATORIES
ENGINEERING DIVISION
310 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

ED. EISENHAUER, JR.
L. C. PENHOOL

PHONE: VAnDyke 0880

Mr. Dorsey T. Blommer,
Rockpile Mining Co.,
1645 Ventura Blvd.,
Encino, California

Conclusions

From general conditions and record of sale of ore taken from the prospect workings to date the property warrants an expenditure of $5,000 to $10,000 for further exploration and development work as outlined.

Respectfully submitted,

L. C. Penhool

L. C. Penhool

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EISENHAUER LABORATORIES

ENGINEERING DIVISION
316 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

ED. EISENHAUER, JR.
L. C. PENHOEL

PHONE: VANDIKE 9328

JANUARY 24, 1954.

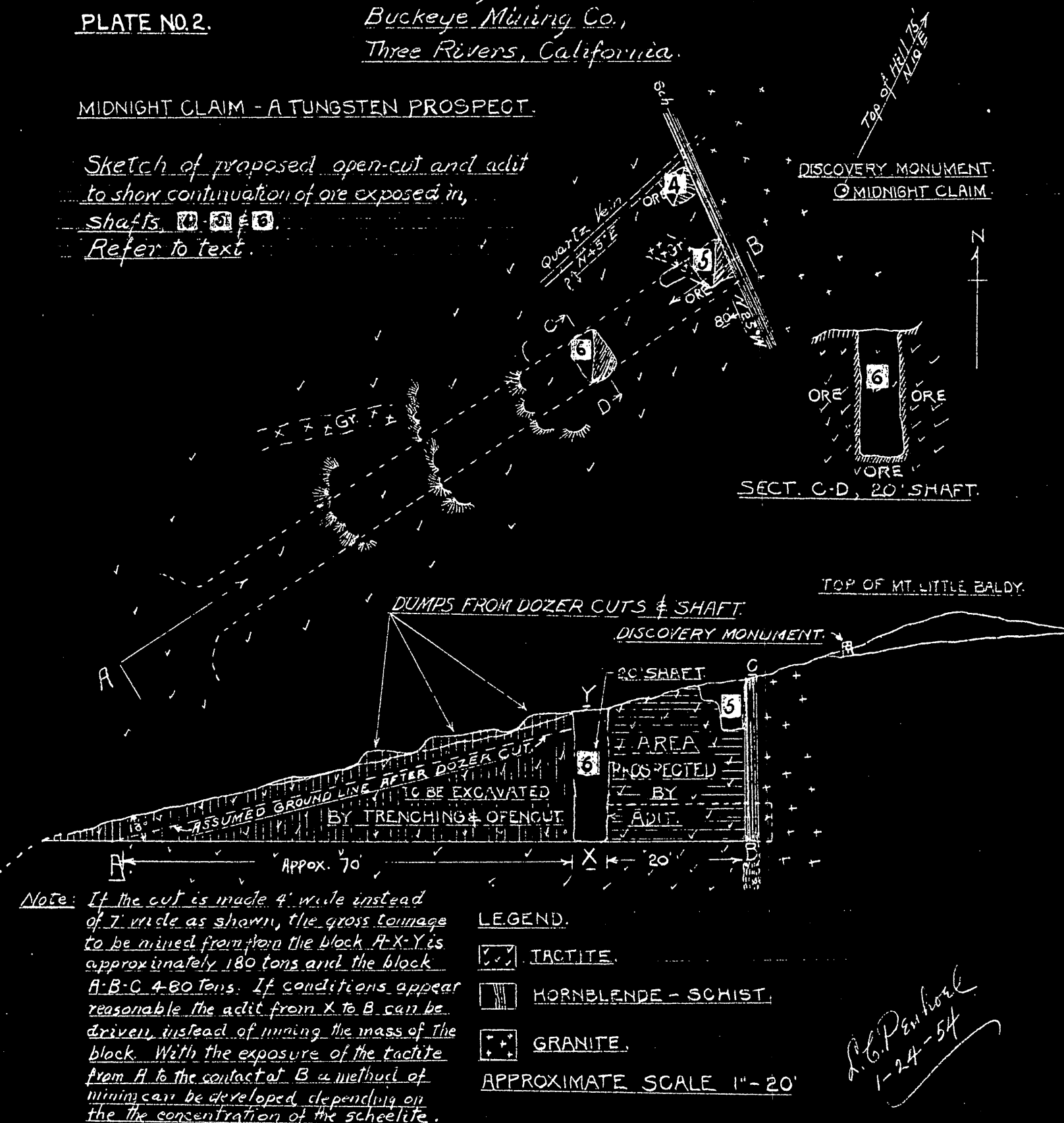
FILE NO. 201.

PLATE NO. 2.

Mr. Dorsey T. Shoemaker,
Buckeye Mining Co.,
Three Rivers, California.

MIDNIGHT CLAIM - A TUNGSTEN PROSPECT.

Sketch of proposed open-cut and adit to show continuation of ore exposed in, shafts 4, 5 & 6. Refer to text.



Note: If the cut is made 4' wide instead of 7' wide as shown, the gross tonnage to be mined from from the block A-X-Y is approximately 180 tons and the block A-B-C 480 Tons. If conditions appear reasonable the adit from X to B can be driven, instead of mining the mass of the block. With the exposure of the tactite from A to the contact at B a method of mining can be developed depending on the the concentration of the scheelite.

LEGEND.

TACTITE.

HORNBLENDE - SCHIST.

GRANITE.

APPROXIMATE SCALE 1" - 20'

L.C. Penhoel
1-24-54

L.C. Penhorel SENHAUER LABORATORIES

LOS ANGELES 13, CALIFORNIA.

MAY 25, 1954.

(2)

FILE NO. 201.

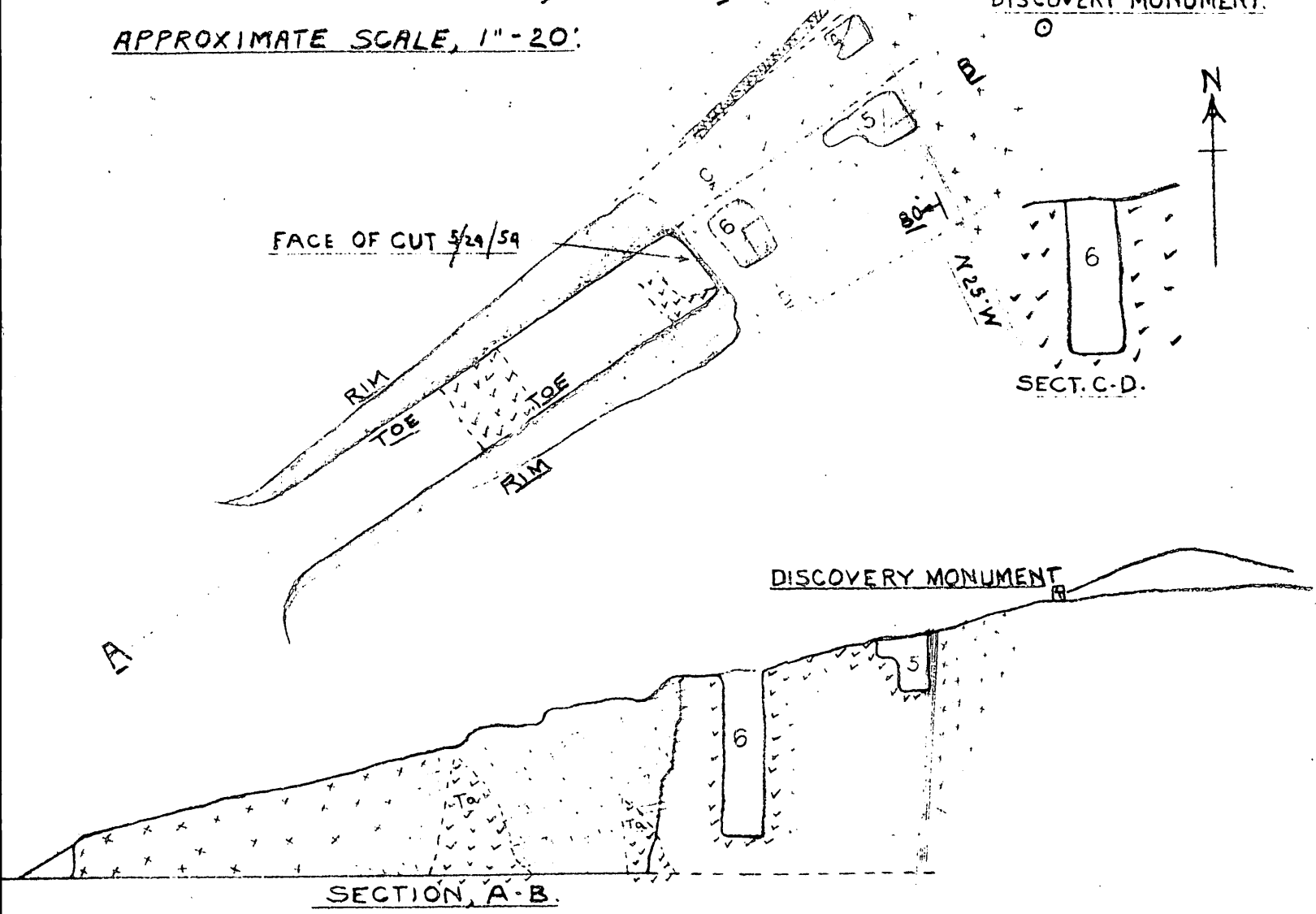
PLATE NO. 2-A.

Mr Dorsey T. Shoemaker.
Buckeye Mining Co.
Three Rivers, California.

MIDNIGHT CLAIM - CUT NO. 1.

PROGRESS SKETCH. Data by Mr. Dorsey Shoemaker.

APPROXIMATE SCALE, 1" - 20'.



REMARKS.

Refer to, Plate No. 2 and report of January 28, 1954. The estimated production from the cut to date is 100 tons of 0.64% WO_3 ore and a few tons of higher grade ore.

LEGEND.

- TACTITE.
- LIMESTONE.
- HORNBLENDE SCHIST.
- GRANITE.
- QUARTZ VEIN.

L.C. Penhorel

ESTABLISHED 1916

EISENHAUER LABORATORIES

ENGINEERING DIVISION
316 SOUTH SAN PEDRO STREET
LOS ANGELES 13, CALIFORNIA

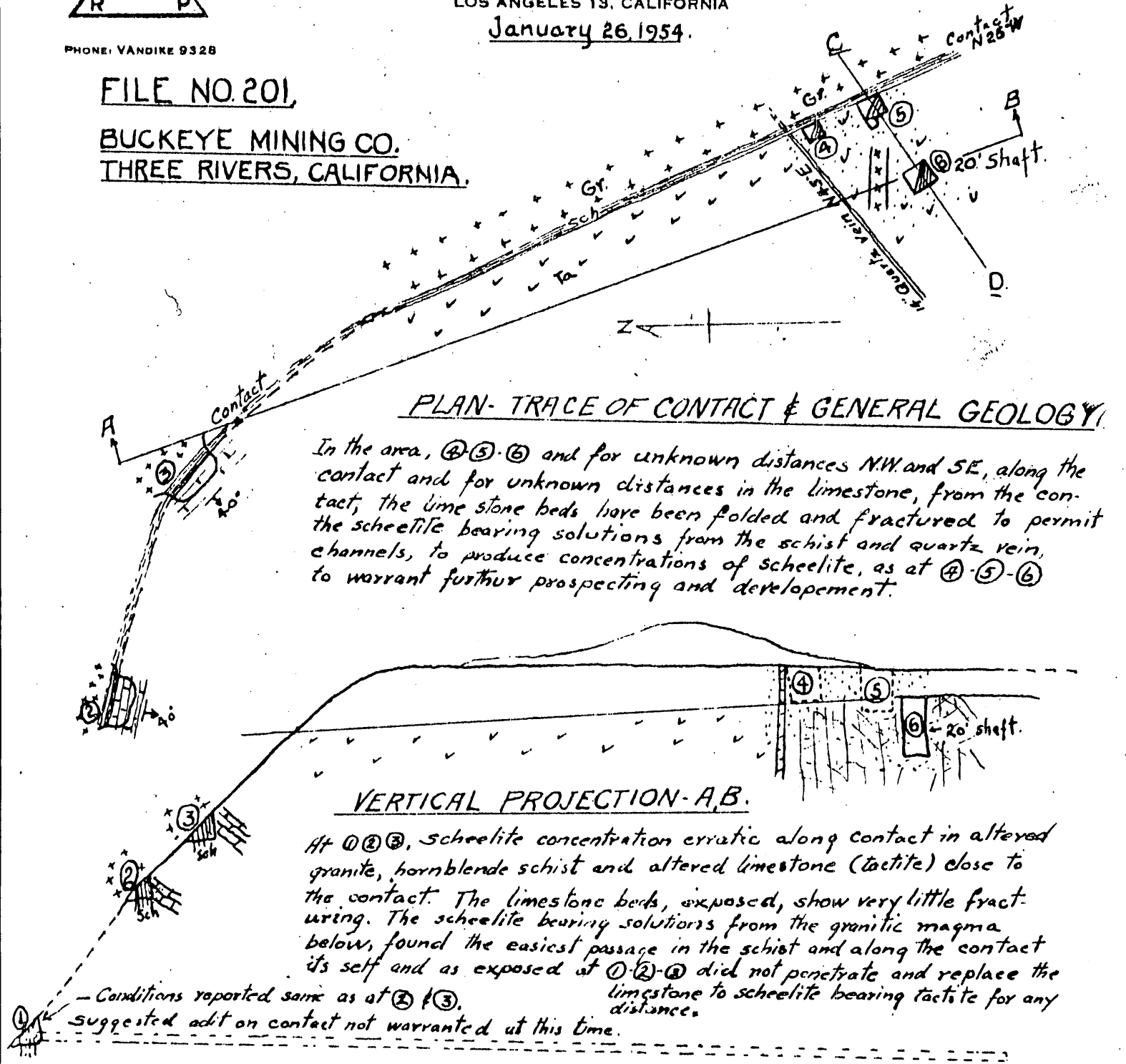
ED. EISENHAUER, JR.
L. C. PENHOEL

PHONE: VANDIKE 9328

January 26, 1954.

FILE NO. 201,

BUCKEYE MINING CO.
THREE RIVERS, CALIFORNIA.



PLAN- TRACE OF CONTACT & GENERAL GEOLOGY.

In the area, ④-⑤-⑥ and for unknown distances N.W. and S.E. along the contact and for unknown distances in the limestone, from the contact, the lime stone beds have been folded and fractured to permit the scheelite bearing solutions from the schist and quartz vein, channels, to produce concentrations of scheelite, as at ④-⑤-⑥ to warrant further prospecting and developement.

VERTICAL PROJECTION-A.B.

At ①②③, scheelite concentration erratic along contact in altered granite, hornblende schist and altered limestone (tactite) close to the contact. The limestone beds, exposed, show very little fracturing. The scheelite bearing solutions from the granitic magma below, found the easiest passage in the schist and along the contact its self and as exposed at ①-②-③ did not penetrate and replace the limestone to scheelite bearing tactite for any distance.

Approximate scale 1"-50',
Refer to text and plat of
proposed trench and open-cut along C-D.

L. C. Penhoel.
1-26-54

3195

QUITCLAIM DEED

THIS INDENTURE made this 24 day of December, 1953, between H.W. FOUTS, of the County of Tulare, State of California, the Party of the First Part, and WALTER VOTH, of the County of Fresno, State of California, the Party of the Second Part,

W I T N E S S E T H:

THAT said Party of the First Part, for and in consideration of the sum of Ten Dollars ($10.00) lawful money of the United States of America, to him in hand paid by Party of the Second Part, receipt whereof is hereby acknowledged, does by these presents, grant, bargain, sell, remise, release and forever quitclaim unto said Party of the Second Part, and to his heirs and assigns, all of that certain mining claim, vein, lead or lode, containing tungsten, gold, silver and other minerals, situate, lying and being in the Three Rivers Mining District in the County of Tulare, State of California, and known as the "Midnight" claim, vein, lead or lode. Said claim having been filed in the County of Tulare, State of California, by Party of the First Part on the 7th day of October, 1953, at Volume 1701, page 622 of Official Records of the said county and state.

Together with all dips, spurs and angles, and also all the minerals, ores, tungsten, gold and silver bearing rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or and with, usually had and enjoyed; and also all and singular the tenements, heraditaments and appurtenances thereto belonging, or in any wise appertaining and the rents, issues and profits thereof.

To have and to hold, all and singular, the said premises, together with the appurtenances and privileges thereto incident unto the said Party of the Second Part, his heirs and assigns forever.

H W. Fouts

State of California
COUNTY OF TULARE } ss.

On this 21ST day of DECEMBER, in the year 19 53, before me, Victor Diaz a Notary Public in and for said County and State, personally appeared H W FOUTS known to me to be the person whose name is subscribed to the within instrument as the Attorney-in-Fact of the NATIONAL AUTOMOBILE AND CASUALTY INSURANCE CO., and acknowledged to me that he subscribed the name of the NATIONAL AUTOMOBILE AND CASUALTY INSURANCE CO., thereto as surety, and his own name as Attorney-in-Fact.

Victor Diaz
Notary Public in and for Said County and State
My Commission Expires Sept. 24, 1955

JURAT—CALIF.
FORM 44874 SH 7-49 S.F.

34968
RECORDED AT REQUEST OF
Walter Voth
DEC 21 1953 at 3:15 PM
VOL. 1715 PAGE 180
OFFICIAL RECORDS
TULARE COUNTY, CALIF.
W. W. SUNKEL, RECORDER
INDEXED | COPIED | COMPARED
Geo. Dill
Deputy Clerk

1.80 pd
1.6

1713 400

34276
28792

Notice of Location of Quartz,

Or Other Rock in Place, Claim

Notice is hereby given that the undersigned citizen...... of the United States has discovered a vein or lode of quartz, or other rock in place, bearing TUNGSTEN & OTHER MINERALS and in accordance with the laws of the United States and the laws of the State of California, state:

First—That the name of said lode or claim is MID NIGHT CLAIM

Second—That the name of the locator H. W. Fouts

Third—That the number of linear feet claimed in length along the course of the vein, each way from the point of discovery is 150 ft S.E & 750 ft N-W

and the width of the claim is three hundred feet on either side thereof as measured from the center line of the vein at the surface, and the general course of the vein or lode, as near as may be, is SOUTH EASTERLEY & NORTH WESTERLY
(amended) (to) SOUTH WESTERLEY & NORTH EASTERLEY

Fourth—That the said claim was located on the 6 day of OCT, 1953.

Fifth—That said claim is situated in 3 RIVER MINING DISTRICT. Mining District, County of TULARE State of California, and that a description of said claim, made by reference to some natural object or permanent monument as will identify the claim located, is as follows, to wit: LITTLE BALD HILL ON SOUTH SIDE OF CINNAMON CREEK T-18S - R 29-E Sec - 3 - 4 - [redacted] ON THE FOREST HOMER RANCH

28792 Dated at 5 P.M. this 6 day of Oct, 1953.

H. W. Fouts

RECORDED AT REQUEST OF H. W. Fouts VOL. 1701 PAGE 622
OCT 7 1953 9 am
OFFICIAL RECORDS TULARE COUNTY, CALIF.
W. W. SUNKEL, RECORDER
W. W. Sunkel

INDEXED COMPARED COPIED

100 4 pd

The locator of a lode mining claim shall define the boundaries of such claim so that they may be readily traced, but in no case shall the claim extend more than 1500 feet along the course of the vein or lode, nor more than 300 feet on either side thereof, as measured from the center line of the vein at the surface (Public Resources Code, Sec. 2302).

The notice must be posted at the point of discovery (Public Resources Code, Sec. 2301).

Within ninety days after the posting of his notice of location upon a lode mining claim, the locator shall record a true copy of the notice, together with a statement of the markings of the boundaries as required in Chapter 4 of the Public Resources Code and of the performance of the required discovery work, in the office of the county recorder of the county in which such claim is situated. The county recorder shall receive a fee of one dollar for the service. (Public Resources Code, Sec. 2313.)

NOTICE OF LOCATION—QUARTZ CLAIM—WITH STATEMENT OF MARKINGS AND DISCOVERY WORK

Vol. 1713 Page 401

STATEMENT OF MARKINGS OF BOUNDARIES AND PERFORMANCE OF REQUIRED DISCOVERY WORK

The undersigned, locator ..... *of the lode mining claim described in the within notice of location, state* ..... :

That in accordance with Section 2302 of the Public Resources Code ..... *he* ..... *defined the boundaries of the claim in manner following:* 750' from location monument 1 degree SOUTH OF NORTH & 750' from location monument 1 degree NORTH of EAST & CENTERLINE. CLAIM IS 300' EACH WAY FROM CENTERLINE FOR ITS FULL 1500' OF LENGTH.

That within sixty days after the location of the lode mining claim described in the within notice, to wit: between the 6TH *day of* OCTOBER, 1953, *and the* 6TH *day of* DECEMBER, 1953 *he* ..... *erected at each corner of the claim and at the center of each end line, or the nearest accessible points thereto* STONE AND POST MONUMENTS 24 INCHES IN HEIGTH OR OVER. *as required by Section 2302 of the Public Resources Code;*

That within ninety days after the date of the location of the lode mining claim described in the within notice, to wit: between the 6TH *day of* OCTOBER, 1953, *and the* 6TH *day of* JANUARY, 1954 *he* ..... *performed the following discovery work in accordance with the requirements of Section 2304 of the Public Resources Code:* APPROXIMATELY 40' SOUTH EAST OF LOCATION MONUMENT A SHAFT 22' IN DEPTH & 6'x8' IN SIZE HAS BEEN SONK.

Dated at 4 PM *this* 4 *day of* Dec, 1953

H. W. Foster

Note.—Within sixty days after the date of location of any lode mining claim hereafter located, the locator or locators shall erect at each corner of the claim and at the center of each end line, or the nearest accessible points thereto, a post not less than four inches in diameter, or a stone monument at least eighteen inches high (Public Resources Code, Sec. 2302).

Within ninety days after the date of location of any lode mining claim hereafter located, the locator or locators thereof shall sink a discovery shaft upon the claim to a depth of at least ten feet from the lowest part of the rim of the shaft at the surface, or shall drive a tunnel, adit, or open cut upon the claim to at least ten feet below the surface (Public Resources Code, Sec. 2304).

Notice of Location
Owner Claim

34276
REQUEST OF H. W. Foster
DEC 14 1953 AT 9 O.C.
Vol. 1713 PAGE 400
OFFICIAL RECORDS
TULARE COUNTY, CALIF.
W. W. SUNKEL, RECORDER
INDEXED | COPIED | COMPARED
4. Claim Stone Lodge 100 6 Pine Ridge Sally

Mining District,
County,
State of California.

Dated ..... 19..

Recorded at the Request of

..... 19..

at ..... min. past ..... o'clock ..... M.,

in Volume ..... of

page .....

County Records.

Recorder

By ..... Deputy Recorder

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STATEMENT OF MARKINGS OF BOUNDARIES AND PERFORMANCE OF REQUIRED DISCOVERY WORK

The undersigned, locator.....*of the lode mining claim described in the within notice of location, state*.....:

That in accordance with Section 2302 of the Public Resources Code.....*he*.....*defined the boundaries of the claim in manner following:* FROM LOCATION MONOMENT 200' SOUTH WEST & 1300' NORTEASTERLY IS THE CENTERLINE OF CLAIM. CLAIM EXTENDS 300' EACH WAY FROM CENTERLINE ENTIRE LENGTH OF CLAIM.

That within sixty days after the location of the lode mining claim described in the within notice, to wit: between the 7TH *day of* OCTOBER, *1953, and the* 7TH *day of* DECEMBER, *1953,* *he* *erected at each corner of the claim and at the center of each end line, or the nearest accessible points thereto* STONE AND POST MONUMENTS 24" (INCHES) IN HEIGTH OR OVER, *as required by Section 2302 of the Public Resources Code;*

That within ninety days after the date of the location of the lode mining claim described in the within notice, to wit: between the 7th *day of* October, *1953, and the* 7th *day of* January, *1954* *he* *performed the following discovery work in accordance with the requirements of Section 2304 of the Public Resources Code:* approximately 30 feet South East of location monument the vein has been observed and an adit has been run, 10 feet by seven feet by six feet

Dated at Porlier, Calif. *this* 7Th *day of* January, *1954*

B. Bissatt
P.O. Box 254 Porlier Calif

Note.—Within sixty days after the date of location of any lode mining claim hereafter located, the locator or locators shall erect at each corner of the claim and at the center of each end line, or the nearest accessible points thereto, a post not less than four inches in diameter, or a stone monument at least eighteen inches high (Public Resources Code, Sec. 2302).

Within ninety days after the date of location of any lode mining claim hereafter located, the locator thereof shall sink a discovery shaft upon the claim to a depth of at least ten feet from the lowest part of the surface of the shaft, or shall drive a tunnel, adit, or open cut upon the claim to at least ten feet below the surface (Public Resources Code, Sec. 2304).

Notice of Location
Quartz Claim

Mining District,
County,
State of California.

Dated.....19.....

Recorded at the Request of
.....19.....
at.....min. past.....o'clock.....M.,
in Volume.....of
page.....
County Records.

Recorder
By.....Deputy Recorder

56

RECORDED AT REQUEST OF
Barney Bissatt Jr.
JAN 4 1954 AT 9 AM
VOL 1717 PAGE 145
OFFICIAL RECORDS
TULARE COUNTY, CALIF.
W. W. SUMNER
W. W. SUMNER, RECORDER
INDEXED COPIED COMPARED

100/4 pd

Mail To:
Walter Roth.
Box 254, Porlier Calif.

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LIBER 1701 PAGE 621

28791

Notice of Location of Quartz,

Or Other Rock in Place, Claim

Notice is hereby given that the undersigned citizen ..... of the United States ha ..... discovered a vein or lode of quartz, or other rock in place, bearing Scheelite + other Minerals and in accordance with the laws of the United States and the laws of the State of California, state .....:

First—That the name of said lode or claim is Buck Eye

Second—That the name ..... of the locator B. Bimart Jr.

Third—That the number of linear feet claimed in length along the course of the vein, each way from the point of discovery is 1300 ft. N. Easterly - 200 ft S. westerly and the width of the claim is three hundred feet on either side thereof as measured from the center line of the vein at the surface, and the general course of the vein or lode, as near as may be, is 1300 ft. North Easterly - 200 ft South westerly

Fourth—That the said claim was located on the 7 day of October, 1953

Fifth—That said claim is situated in Three Rivers Mining District, County of Tulare, State of California, and that a description of said claim, made by reference to some [illegible] or permanent monument as will identify the claim located, is as follows, to wit: South westerly end of claim on little baldy north Easterly toward cinnamon creek. T-18-S - R-29-E - SEC - 3-4 - on E. Homer ranch.

28791

Dated at 6 A M this 7 day of Oct, 1953

B Bimart Jr

RECORDED AT REQUEST OF B Bimart Jr VOL. 1701 PAGE 621

OCT 7 1953 9 am.

OFFICIAL RECORDS TULARE COUNTY, CALIF.

W. W. DUNKEL, RECORDER

INDEXED COPIED

NOTE—Under the Mining Law of 1872 any lode mining claim shall define the boundaries of such claim so that they may be readily traced by marks on the ground, and the claim extending from the course of the vein or lode, nor more than 300 feet on either side thereof, as measured from the center line of the vein at the surface (Public Resources Code, Sec. 2302).

The notice must be posted at the point of discovery (Public Resources Code, Sec. 2304).

Within ninety days after the posting of his notice of location upon a lode mining claim, the locator shall record a true copy of the notice, together with a statement of the markings of the boundaries as required in Chapter 4 of the Public Resources Code and of the performance of the required discovery work, in the office of the county recorder of the county in which such claim is situated. The county recorder shall receive a fee of one dollar for the service. (Public Resources Code, Sec. 2313.)

Form No. 600—NOTICE OF LOCATION—QUARTZ CLAIM—WITH STATEMENT OF MARKINGS AND DISCOVERY WORK.

A G R E E M E N T

This agreement drawn on the 28th. day of OCTOBER 1953, between FORREST HOMER, party of the first part, and WALTER L. VOTH, party of the second part.

WITNESSETH:

I, FORREST HOMER do hereby agree to lease exclusive surface right to property described as follows:—

Section's 2-3-4-9, Township - #18
Range #29, County of Tulare, State
of California,

for the purpose of prospecting and mining tungsten and other minerals to WALTER L. VOTH, for as long as claims are kept valid.

It is also agreed that FORREST HOMER shall give WALTER L. VOTH the right to use present road leading to above described property and the right to build additional roads, with as little damage as possible to grazing land, for the purpose of hauling equipment and ore to and from described property.

WALTER L. VOTH, the party of the second part, agree to pay FORREST HOMER, the party of the first part, five percent (5%) of the gross of all minerals taken from the property as herein described. Royalty to be paid when concentrates are sold.

It is further agreed the party of the second part shall keep all gates on road in good repair and closed at all times unless specified otherwise by owner. And also fence all shafts and tunnels when not in operation to protect stock.

Signed this 28th. day of OCTOBER 1953

Walter L. Voth
Forrest Homer
Elizabeth Homer

28 October 53

A Notary Public in and for the
County of Tulare, State of California
My commission expires Nov 7, 1956

RECORDED AT REQUEST OF
Walter L. Voth
OCT 28 1953 AT 12:40 PM
VOL. PAGE
OFFICIAL RECORDS
TULARE COUNTY, CALIF.

W. W. Sunkel
W. W. SUNKEL, RECORDER

INDEXED | COPIED | COMPARED

120 pd
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